

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082451.D
 Acq On : 04 Jun 2024 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 05 03:16:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	171780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135786	50.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.165	113	95783	54.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	10.571	98	340538	50.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	12.853	95	129322	53.442	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110655	44.679	ug/l	99
3) Chloromethane	2.359	50	119195	42.467	ug/l	98
4) Vinyl Chloride	2.512	62	120000	45.477	ug/l	99
5) Bromomethane	2.942	94	69012	45.502	ug/l	100
6) Chloroethane	3.112	64	85046	49.361	ug/l	100
7) Trichlorofluoromethane	3.495	101	175332	50.744	ug/l	99
8) Diethyl Ether	3.959	74	67295	54.671	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	103166	51.112	ug/l	98
10) Methyl Iodide	4.583	142	104296	51.400	ug/l	96
11) Tert butyl alcohol	5.524	59	113437	260.530	ug/l	98
12) 1,1-Dichloroethene	4.336	96	90551	48.267	ug/l #	77
13) Acrolein	4.177	56	85507	265.012	ug/l	98
14) Allyl chloride	5.018	41	190640	47.463	ug/l #	91
15) Acrylonitrile	5.718	53	323135	286.555	ug/l	99
16) Acetone	4.424	43	299043	268.756	ug/l	92
17) Carbon Disulfide	4.712	76	226415	37.367	ug/l	98
18) Methyl Acetate	5.024	43	176178	63.578	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	392829	57.286	ug/l	98
20) Methylene Chloride	5.277	84	112813	50.251	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	100217	49.020	ug/l #	81
22) Diisopropyl ether	6.677	45	463622	55.277	ug/l #	93
23) Vinyl Acetate	6.606	43	1823356	275.735	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	227545	52.636	ug/l	98
25) 2-Butanone	7.483	43	477427	283.000	ug/l #	85
26) 2,2-Dichloropropane	7.489	77	195346	53.949	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	128215	53.141	ug/l	80
28) Bromochloromethane	7.812	49	95192	50.697	ug/l #	78
29) Tetrahydrofuran	7.841	42	311054	287.172	ug/l #	82
30) Chloroform	7.965	83	230766	55.899	ug/l	100
31) Cyclohexane	8.259	56	182604	42.150	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	198749	54.267	ug/l	93
36) 1,1-Dichloropropene	8.371	75	151771	51.173	ug/l	96
37) Ethyl Acetate	7.559	43	189777	57.176	ug/l #	93
38) Carbon Tetrachloride	8.365	117	168835	56.157	ug/l	100
39) Methylcyclohexane	9.600	83	157671	48.500	ug/l #	85
40) Benzene	8.606	78	475416	53.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	111555	57.148	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	190881	56.117	ug/l	96
43) Isopropyl Acetate	8.688	43	381815	64.920	ug/l #	85
44) Trichloroethene	9.353	130	107085	53.303	ug/l	94
45) 1,2-Dichloropropane	9.624	63	127913	56.055	ug/l	97
46) Dibromomethane	9.712	93	85916	57.349	ug/l	98
47) Bromodichloromethane	9.888	83	189165	59.811	ug/l	99
48) Methyl methacrylate	9.683	41	164507	58.702	ug/l #	82
49) 1,4-Dioxane	9.700	88	48905	1245.356	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1026009	307.044	ug/l	90
52) Toluene	10.635	92	294985	55.579	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	196753	60.151	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	203891	58.888	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	117536	60.939	ug/l	99
56) Ethyl methacrylate	10.877	69	203587	62.171	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	208844	57.911	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	475713	281.643	ug/l	90
59) 2-Hexanone	11.200	43	762764	311.750	ug/l	90
60) Dibromochloromethane	11.359	129	139204	65.400	ug/l	98
61) 1,2-Dibromoethane	11.471	107	114881	57.989	ug/l	99
64) Tetrachloroethene	11.106	164	104176	52.408	ug/l	92
65) Chlorobenzene	11.894	112	325223	54.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	120192	61.589	ug/l	99
67) Ethyl Benzene	11.965	91	582108	54.925	ug/l	99
68) m/p-Xylenes	12.076	106	437199	112.555	ug/l	94
69) o-Xylene	12.400	106	212737	56.539	ug/l	91
70) Styrene	12.412	104	376236	60.200	ug/l	97
71) Bromoform	12.582	173	98107	63.023	ug/l #	99
73) Isopropylbenzene	12.700	105	554928	51.744	ug/l	97
74) N-amyl acetate	12.494	43	303964	51.528	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	171313	55.415	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	162482m	57.186	ug/l	
77) Bromobenzene	12.982	156	136566	53.434	ug/l	90
78) n-propylbenzene	13.041	91	664102	52.294	ug/l	97
79) 2-Chlorotoluene	13.129	91	403713	50.625	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	469429	54.133	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	67322	55.420	ug/l #	82
82) 4-Chlorotoluene	13.223	91	407221	52.229	ug/l	96
83) tert-Butylbenzene	13.441	119	395501	52.133	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	474070	53.435	ug/l	97
85) sec-Butylbenzene	13.618	105	560298	53.283	ug/l	98
86) p-Isopropyltoluene	13.729	119	465336	54.451	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	251233	54.259	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	251031	53.119	ug/l	98
89) n-Butylbenzene	14.059	91	413112	53.782	ug/l	98
90) Hexachloroethane	14.335	117	89642	56.615	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	243863	55.640	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36146	56.908	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	133324	54.268	ug/l	98
94) Hexachlorobutadiene	15.506	225	56923	52.803	ug/l	99
95) Naphthalene	15.641	128	450753	58.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	136594	55.539	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VSTDCCC050

Manual Integrations

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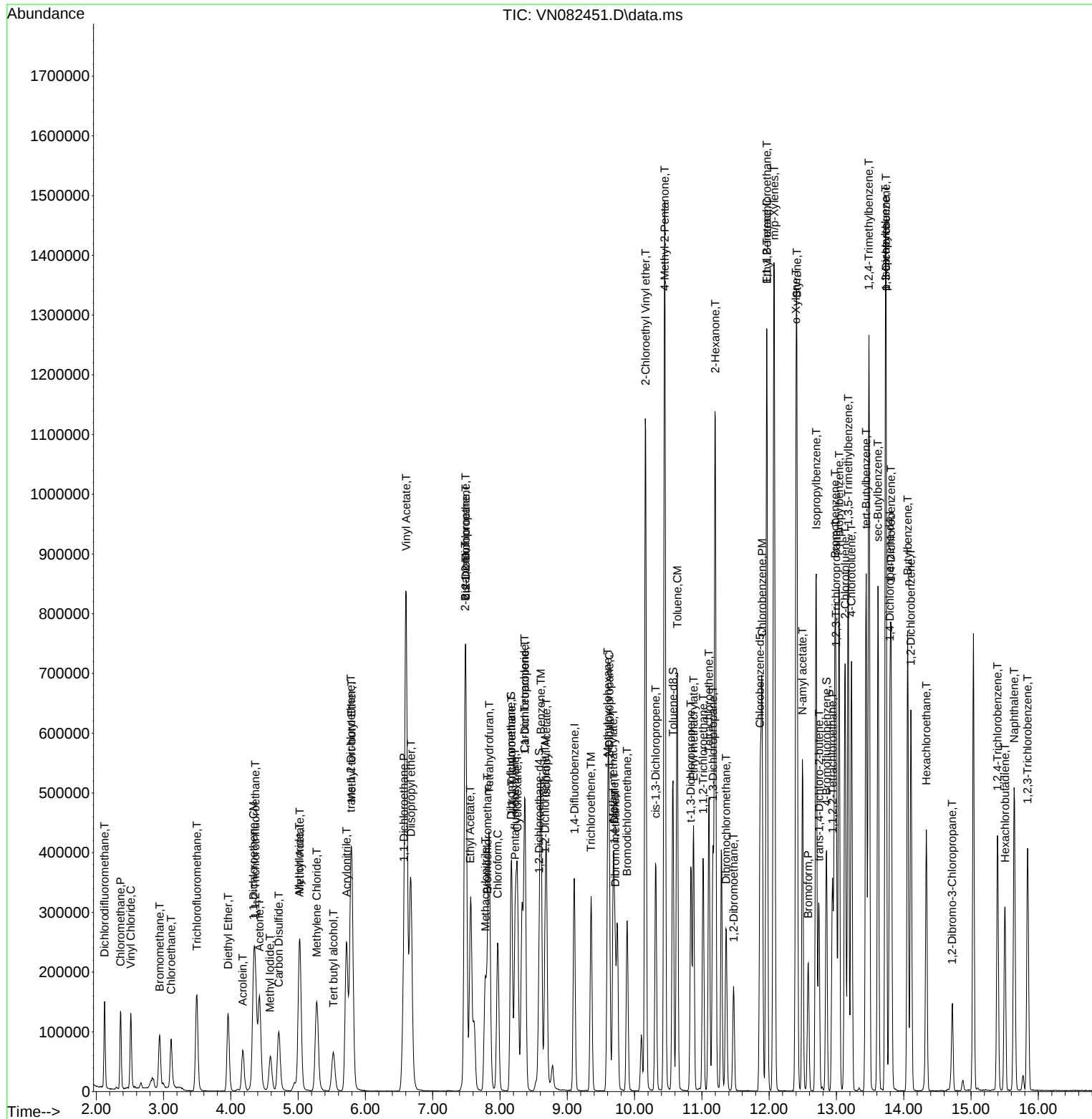
Quant Time: Jun 05 03:16:51 2024

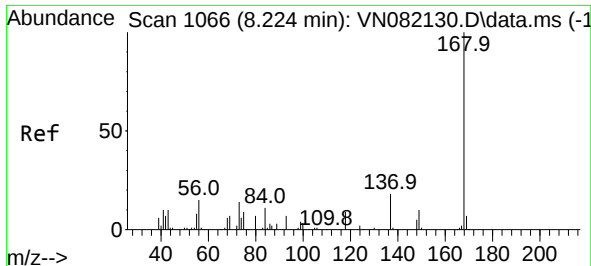
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Quant Title : SW846 8260

QLast Update : Thu May 16 05:21:06 2024

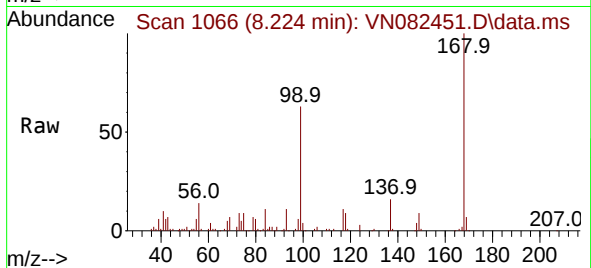
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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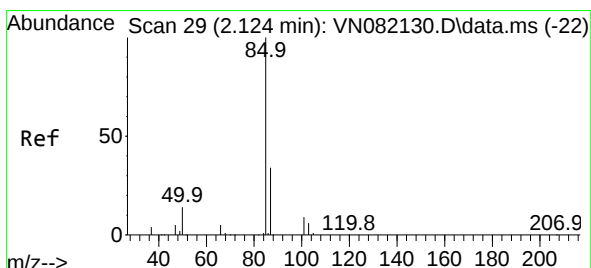
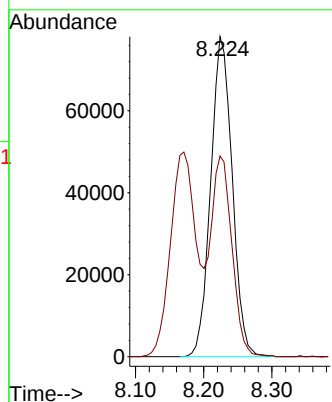
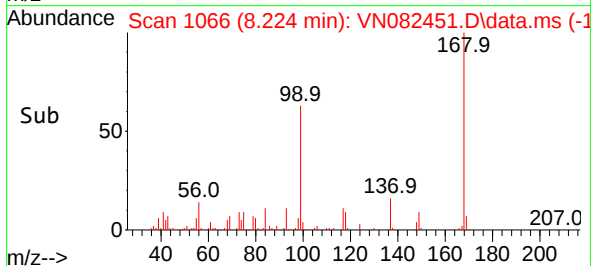
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Tgt Ion:168 Resp: 171780
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4

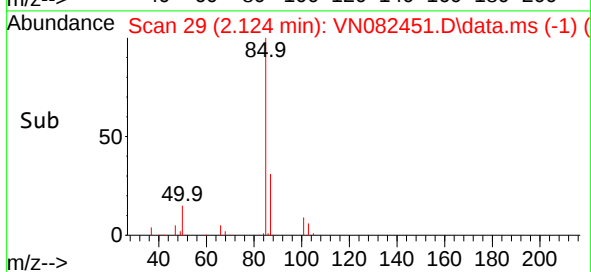
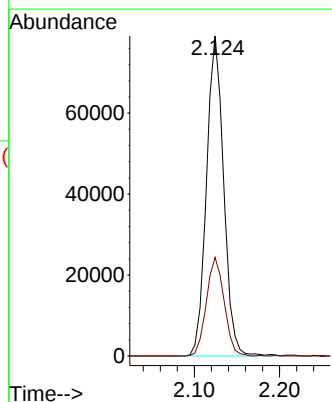
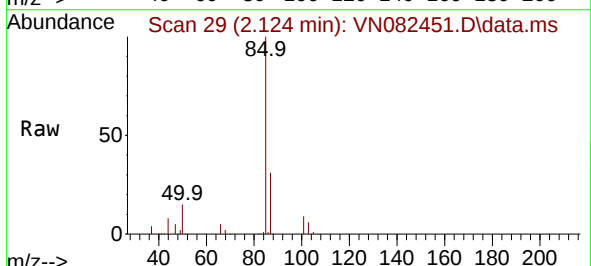
Manual Integrations
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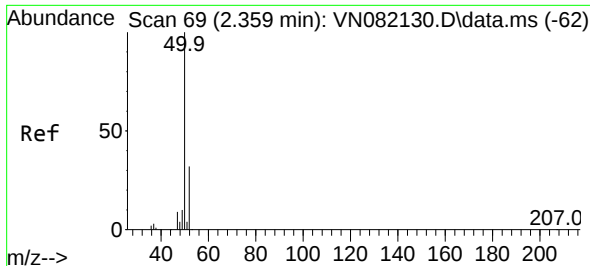
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#2
Dichlorodifluoromethane
Concen: 44.679 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082451.D
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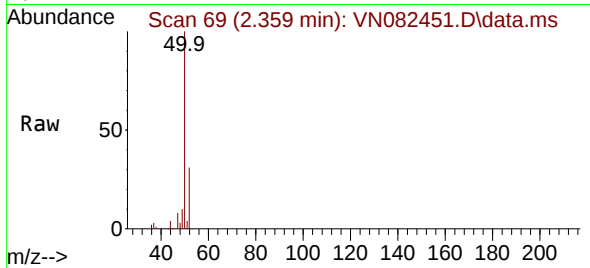
Tgt Ion: 85 Resp: 110655
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





#3
Chloromethane
Concen: 42.467 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

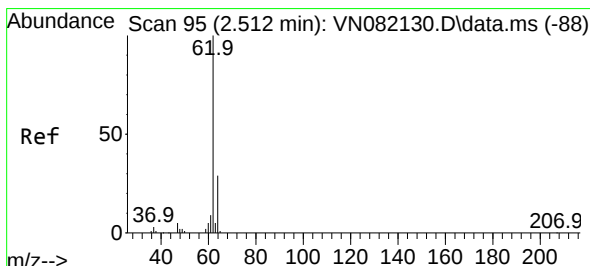
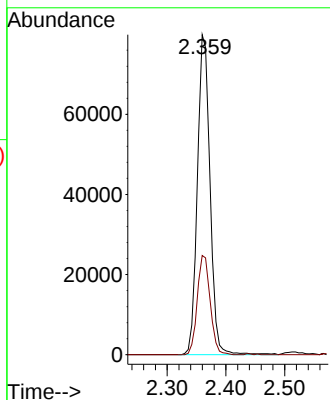
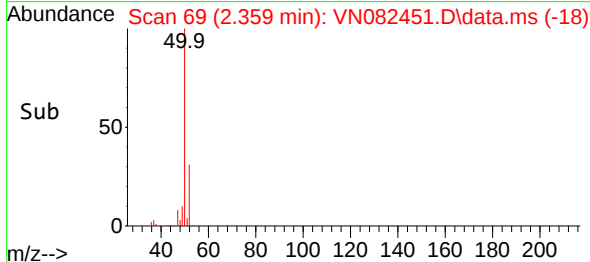
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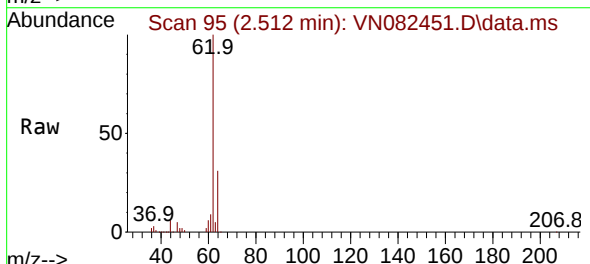
Tgt Ion: 50 Resp: 11919
Ion Ratio Lower Upper
50 100
52 31.0 25.5 38.3

Manual Integrations
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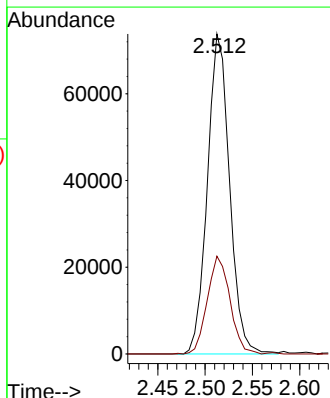
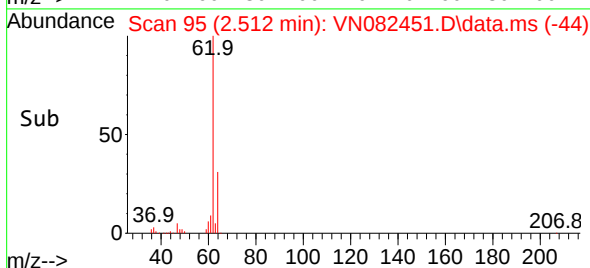
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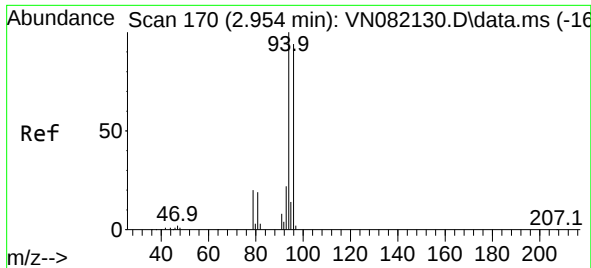


#4
Vinyl Chloride
Concen: 45.477 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion: 62 Resp: 120000
Ion Ratio Lower Upper
62 100
64 30.3 24.6 37.0





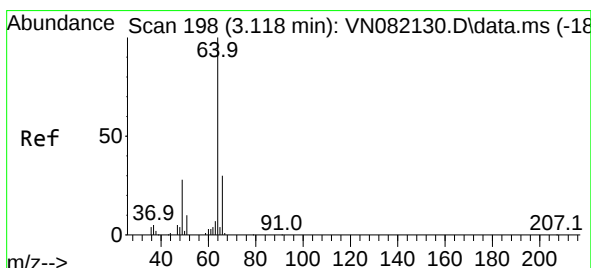
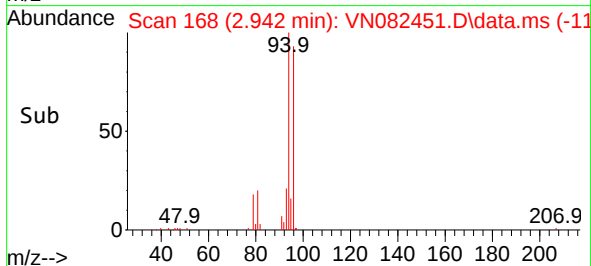
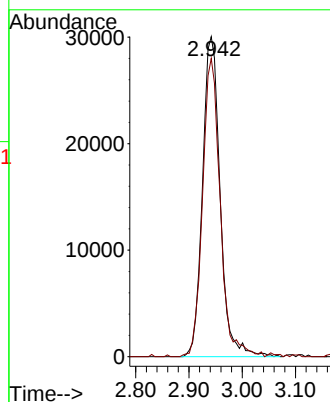
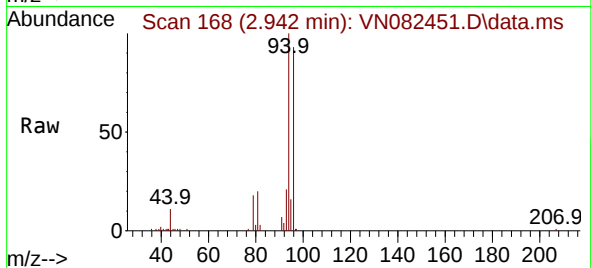
#5
Bromomethane
Concen: 45.502 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN082451.D
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Instrument :
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Tgt Ion: 94 Resp: 6901
Ion Ratio Lower Upper
94 100
96 93.2 74.8 112.2

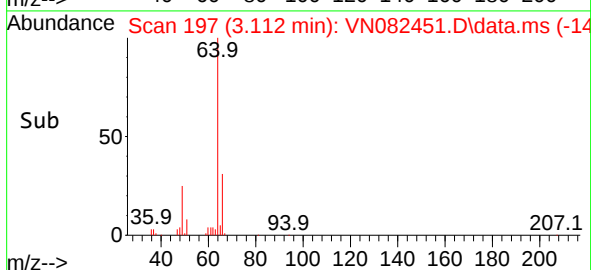
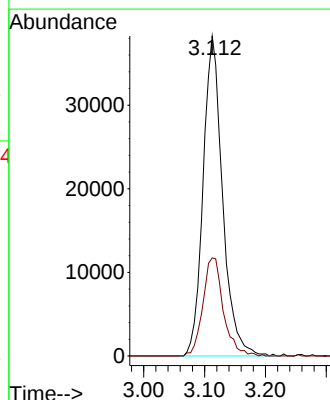
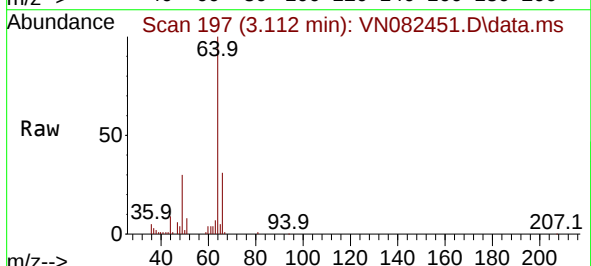
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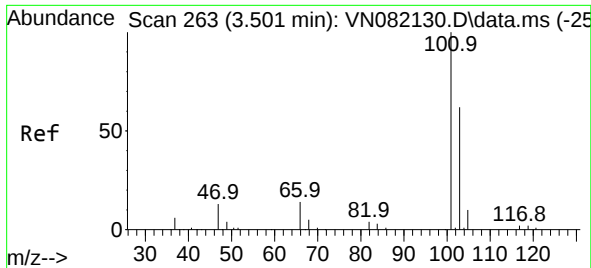
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#6
Chloroethane
Concen: 49.361 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion: 64 Resp: 85046
Ion Ratio Lower Upper
64 100
66 30.6 24.7 37.1





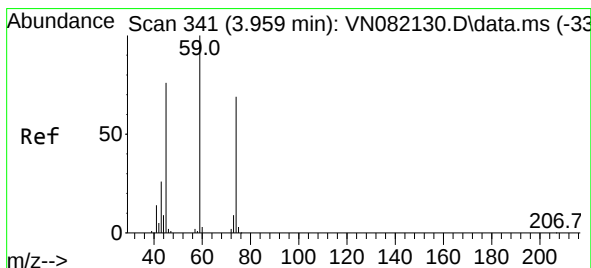
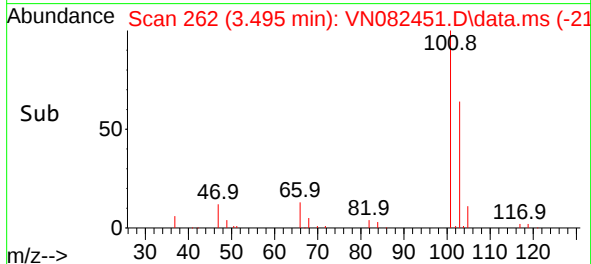
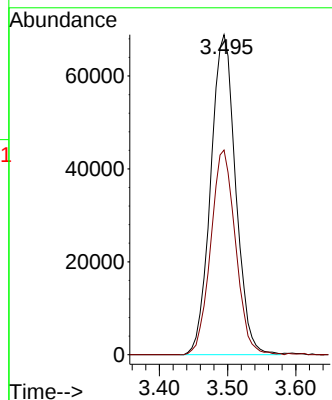
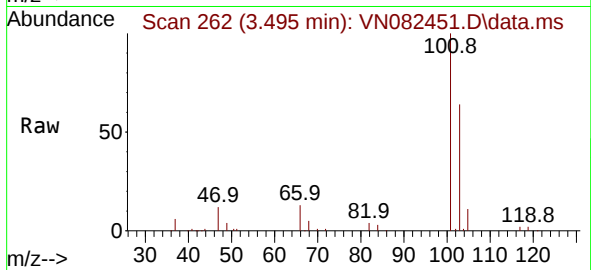
#7
Trichlorofluoromethane
Concen: 50.744 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
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Tgt Ion:101 Resp: 17533
Ion Ratio Lower Upper
101 100
103 63.9 50.6 75.8

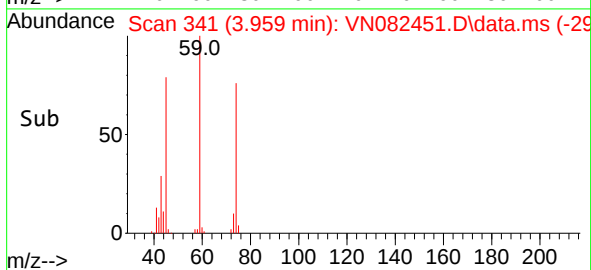
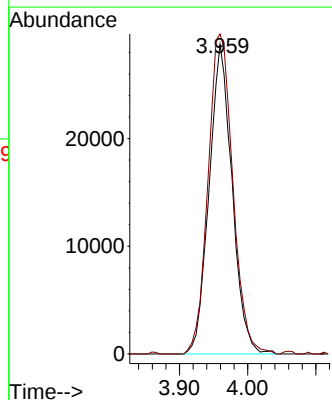
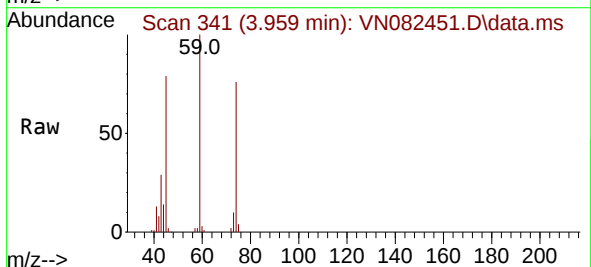
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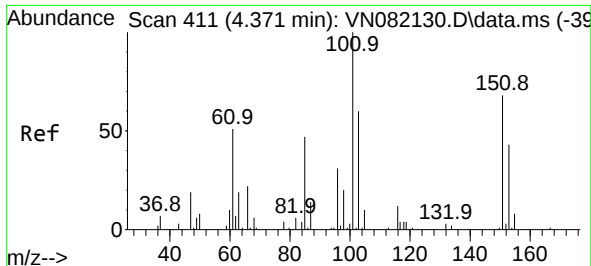
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#8
Diethyl Ether
Concen: 54.671 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

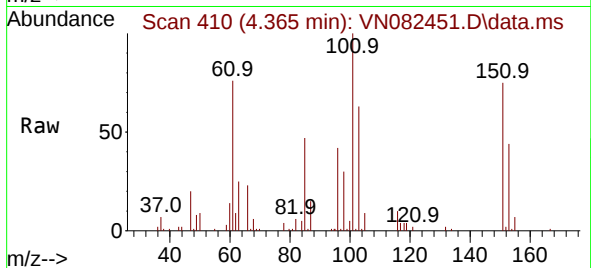
Tgt Ion: 74 Resp: 67295
Ion Ratio Lower Upper
74 100
45 111.9 42.4 127.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.112 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

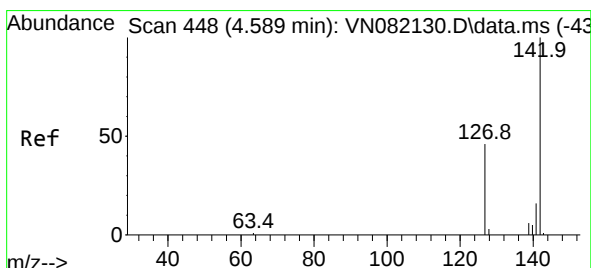
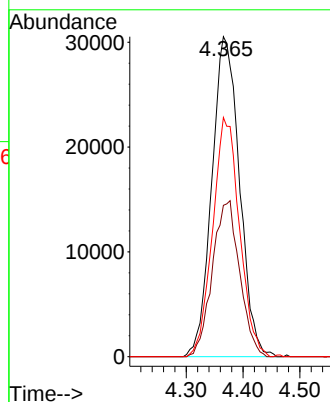
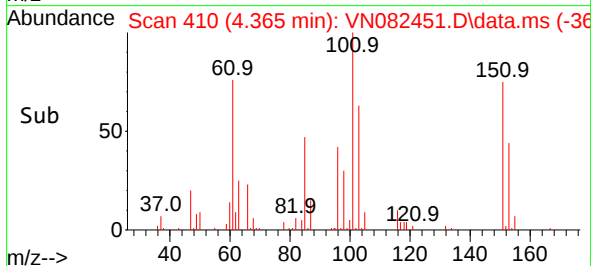
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



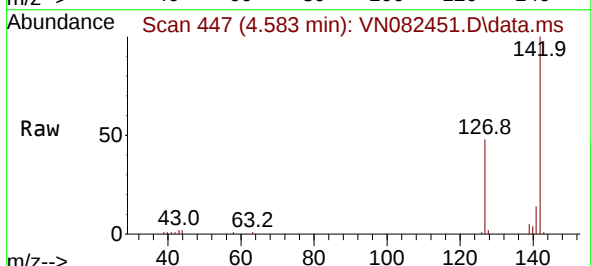
Tgt Ion:101 Resp: 103160
Ion Ratio Lower Upper
101 100
85 48.1 37.3 55.9
151 72.6 59.2 88.8

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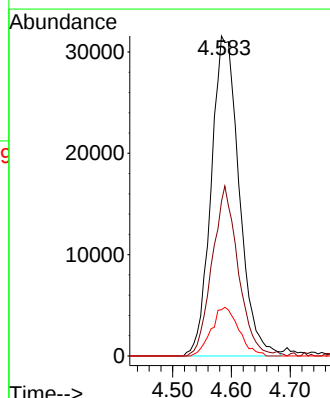
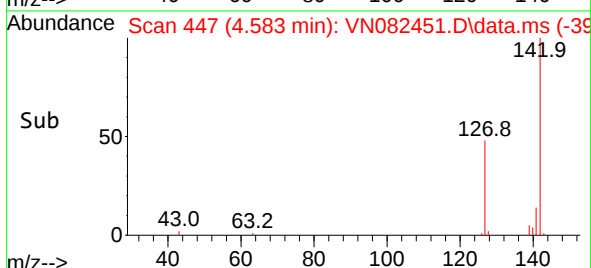
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

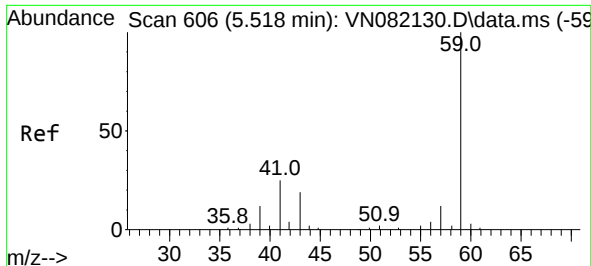


#10
Methyl Iodide
Concen: 51.400 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion:142 Resp: 104296
Ion Ratio Lower Upper
142 100
127 48.2 35.8 53.6
141 14.5 11.4 17.2





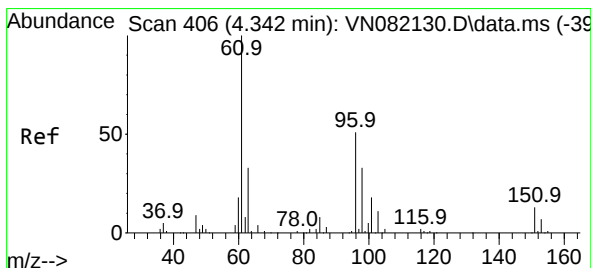
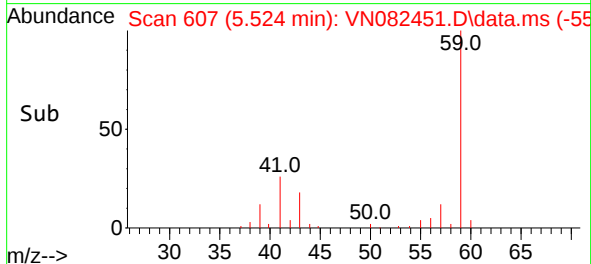
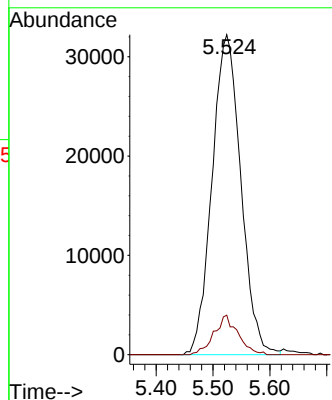
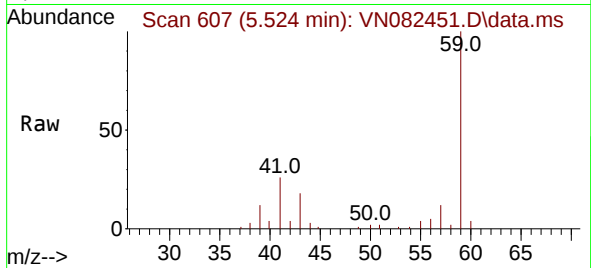
#11
Tert butyl alcohol
Concen: 260.530 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 11343
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3

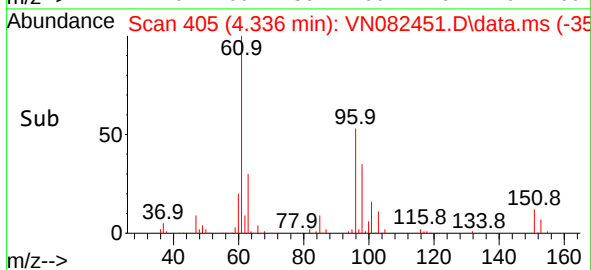
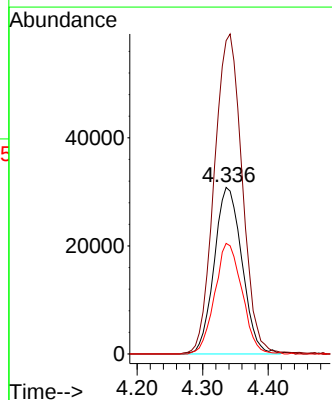
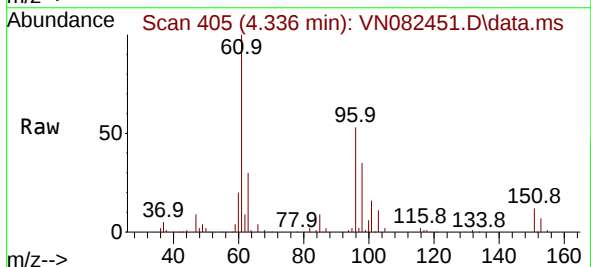
Manual Integrations
APPROVED

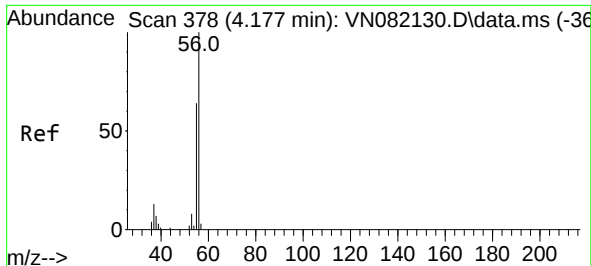
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#12
1,1-Dichloroethene
Concen: 48.267 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion: 96 Resp: 90551
Ion Ratio Lower Upper
96 100
61 188.1 119.7 179.5#
98 66.3 49.6 74.4





#13

Acrolein

Concen: 265.012 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 8550

Ion Ratio Lower Upper

56 100

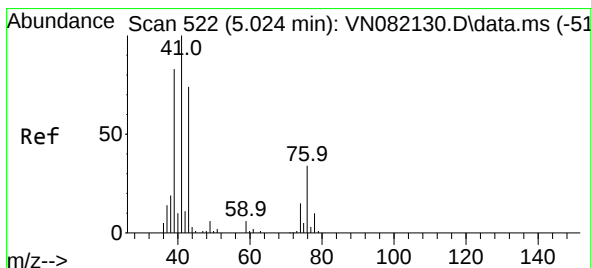
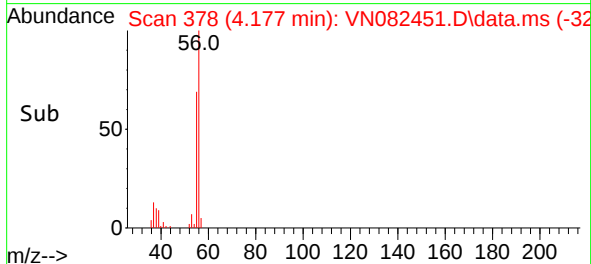
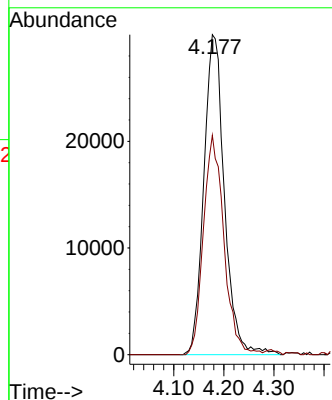
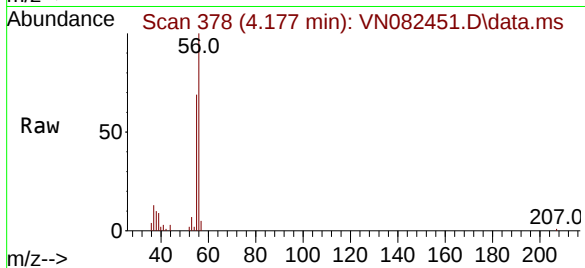
55 68.3 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#14

Allyl chloride

Concen: 47.463 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

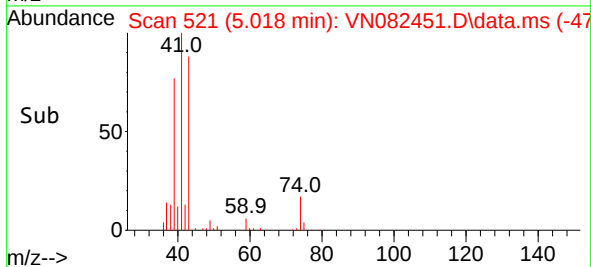
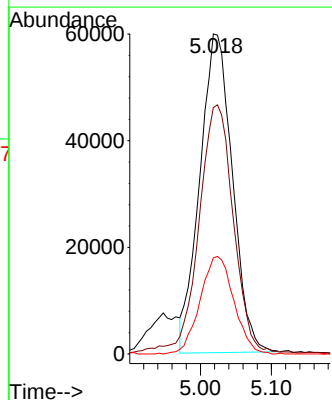
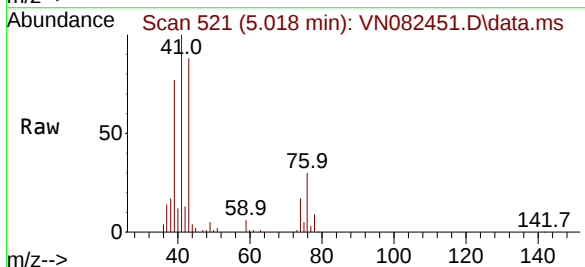
Tgt Ion: 41 Resp: 190640

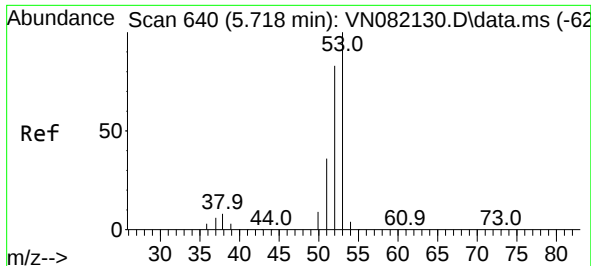
Ion Ratio Lower Upper

41 100

39 83.5 65.4 98.0

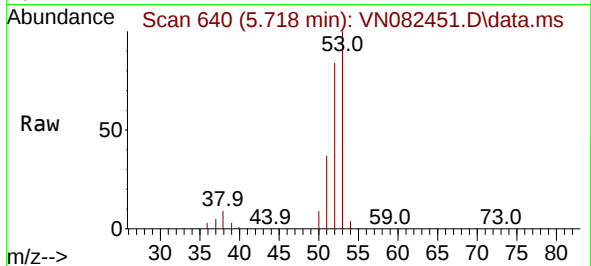
76 31.7 37.3 55.9#





#15
Acrylonitrile
Concen: 286.555 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

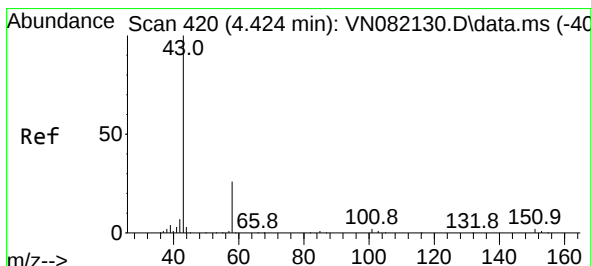
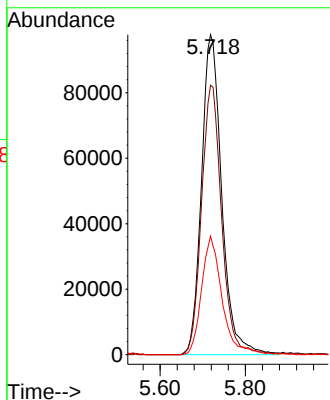
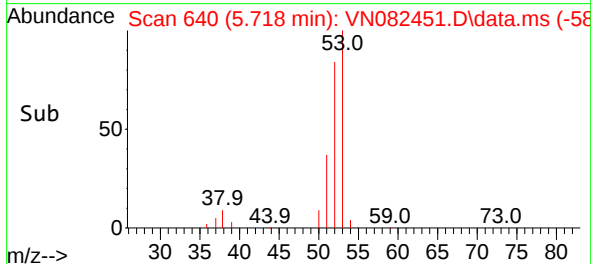
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



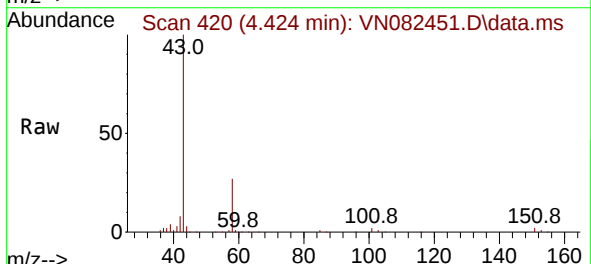
Tgt Ion: 53 Resp: 323135
Ion Ratio Lower Upper
53 100
52 83.5 66.1 99.1
51 37.4 29.4 44.2

Manual Integrations
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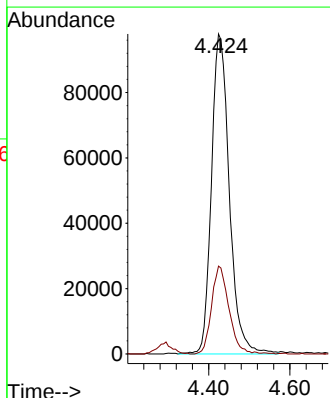
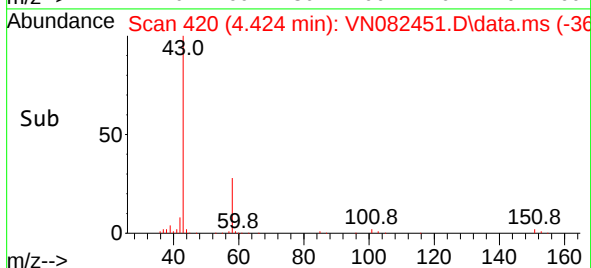
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

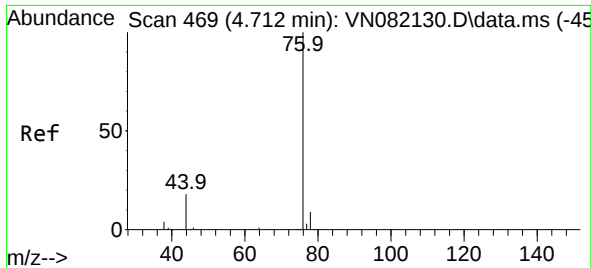


#16
Acetone
Concen: 268.756 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



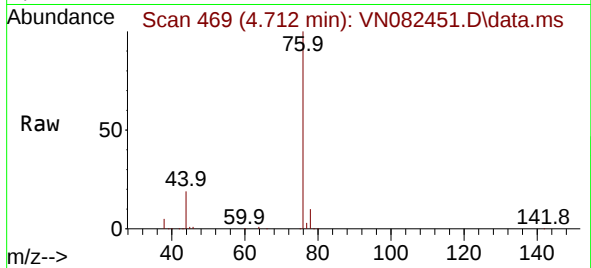
Tgt Ion: 43 Resp: 299043
Ion Ratio Lower Upper
43 100
58 27.3 25.2 37.8





#17
Carbon Disulfide
Concen: 37.367 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

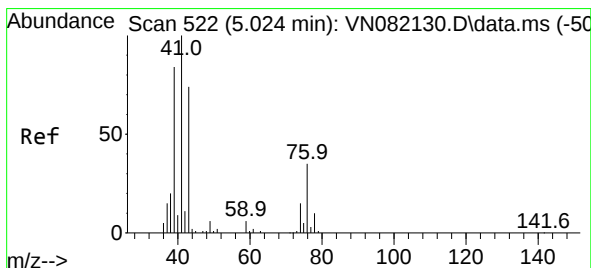
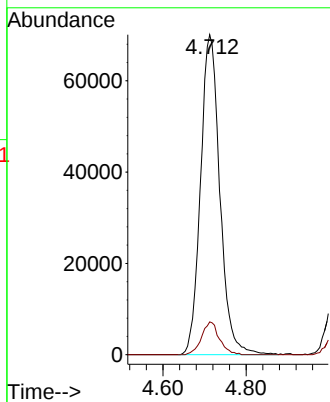
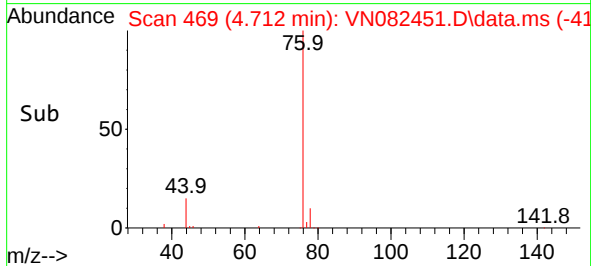
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 226415
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3

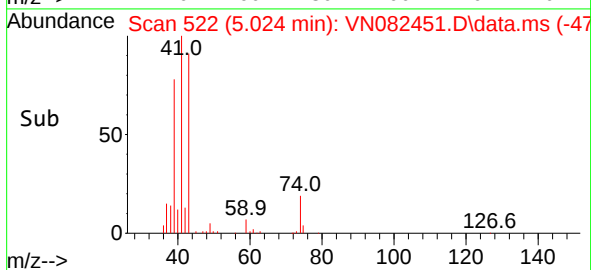
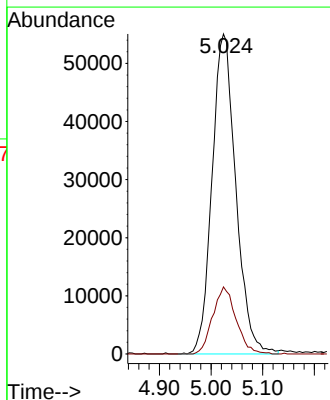
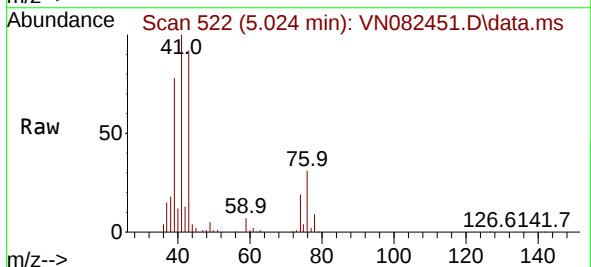
Manual Integrations
APPROVED

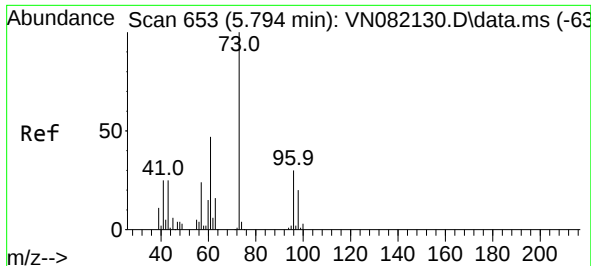
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#18
Methyl Acetate
Concen: 63.578 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

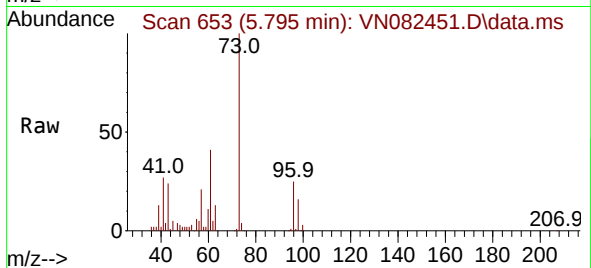
Tgt Ion: 43 Resp: 176178
Ion Ratio Lower Upper
43 100
74 20.5 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 57.286 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

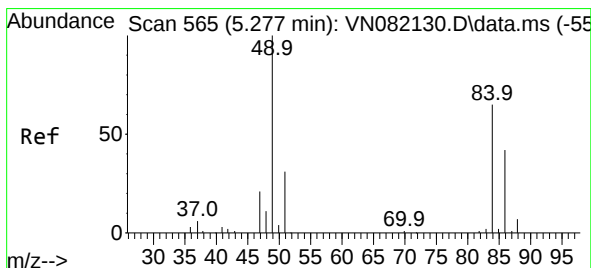
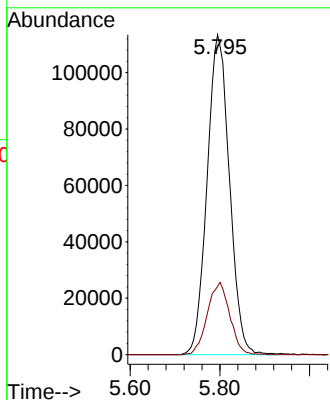
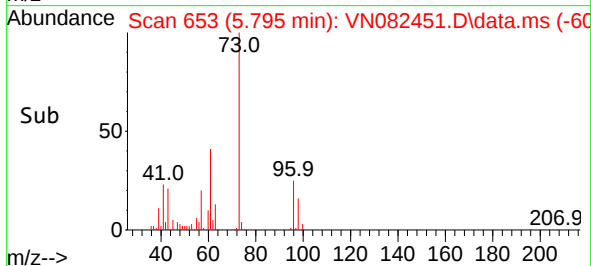
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 392829
Ion Ratio Lower Upper
73 100
57 21.3 16.5 24.7

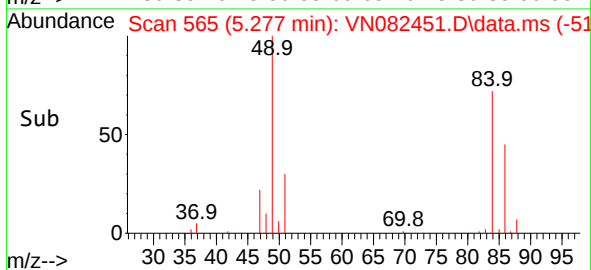
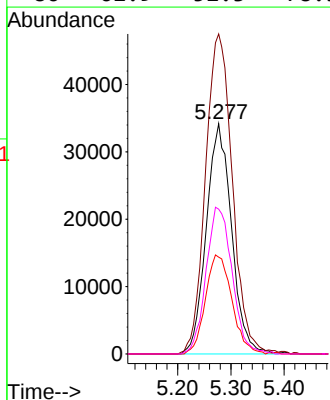
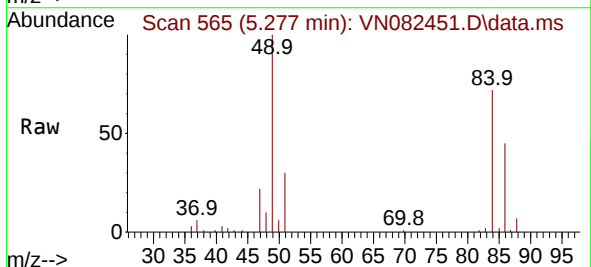
Manual Integrations
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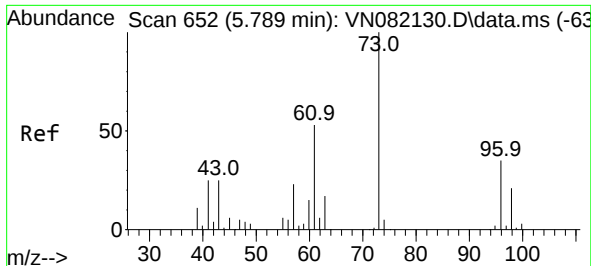
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#20
Methylene Chloride
Concen: 50.251 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

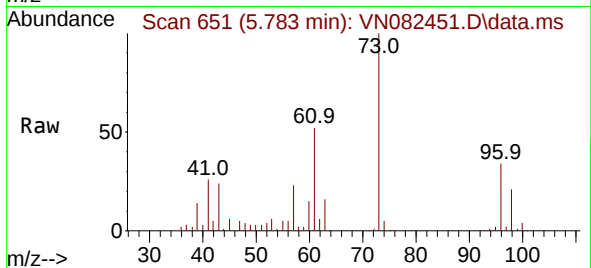
Tgt Ion: 84 Resp: 112813
Ion Ratio Lower Upper
84 100
49 139.0 84.9 127.3#
51 42.1 27.0 40.6#
86 62.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.020 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

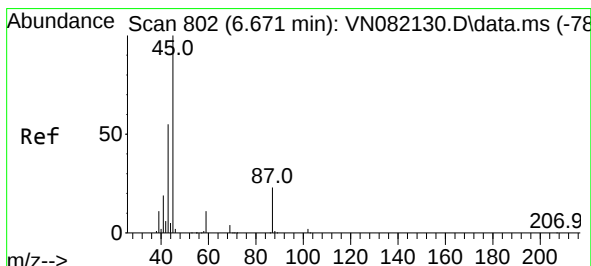
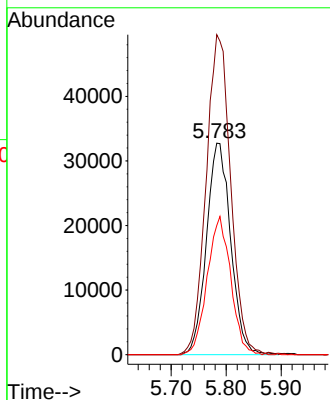
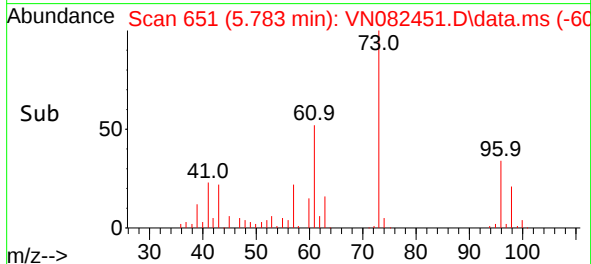
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



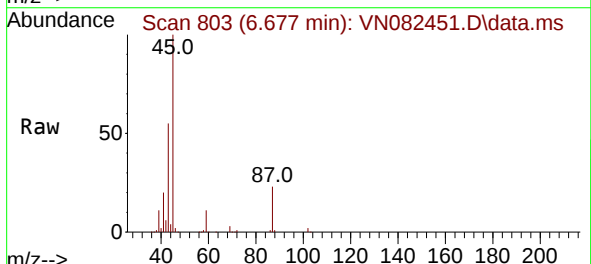
Tgt Ion: 96 Resp: 100217
Ion Ratio Lower Upper
96 100
61 151.3 96.5 144.7
98 61.0 51.3 76.9

Manual Integrations
APPROVED

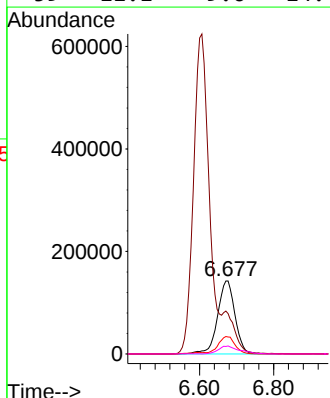
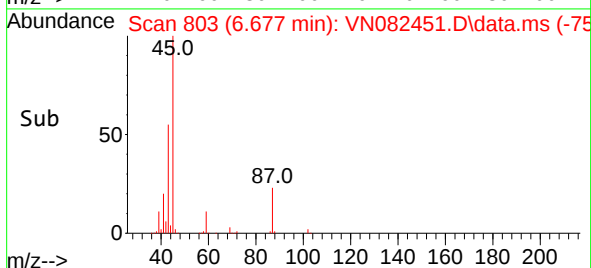
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

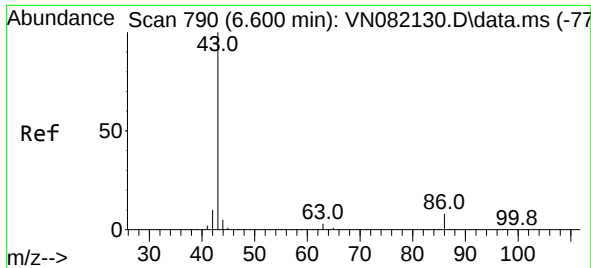


#22
Diisopropyl ether
Concen: 55.277 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion: 45 Resp: 463622
Ion Ratio Lower Upper
45 100
43 54.8 44.1 66.1
87 23.2 27.0 40.6
59 11.1 9.6 14.4





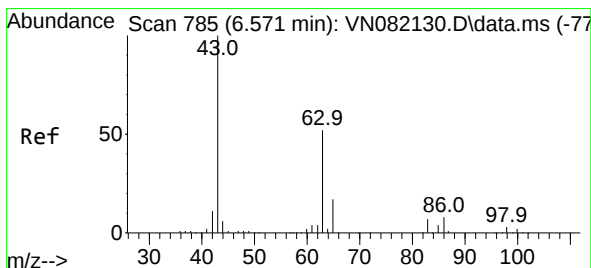
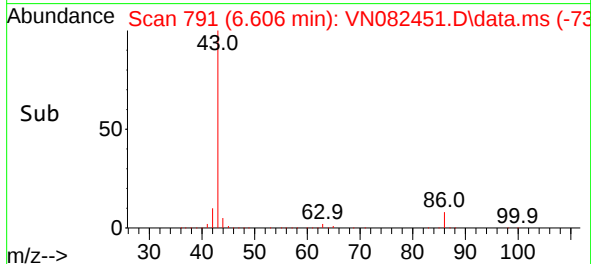
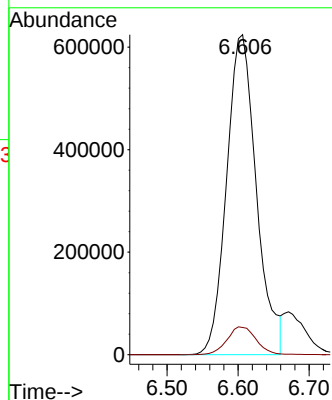
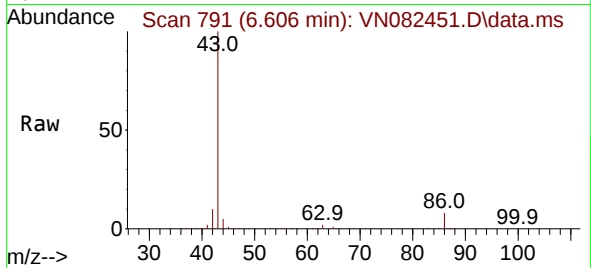
#23
 Vinyl Acetate
 Concen: 275.735 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN082451.D
 Acq: 04 Jun 2024 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1823350
 Ion Ratio Lower Upper
 43 100
 86 8.5 10.2 15.4

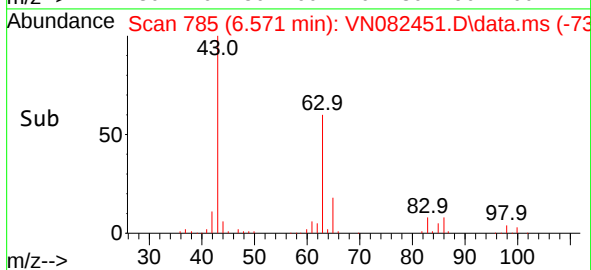
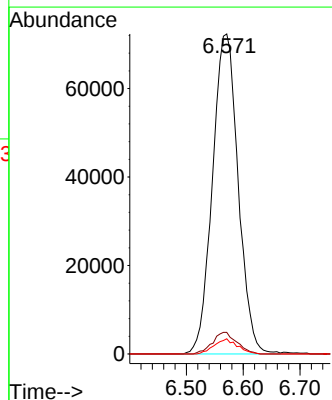
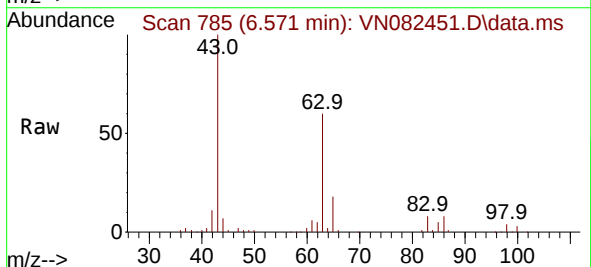
Manual Integrations
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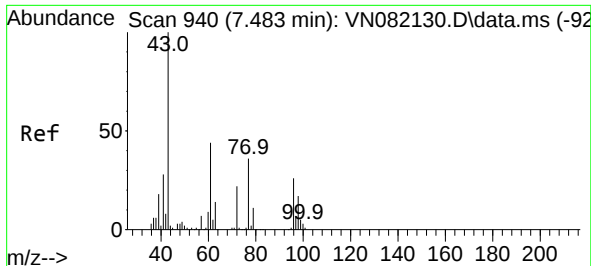
Reviewed By :John Carlone 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#24
 1,1-Dichloroethane
 Concen: 52.636 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082451.D
 Acq: 04 Jun 2024 10:24

Tgt Ion: 63 Resp: 227545
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.7 2.6 7.8





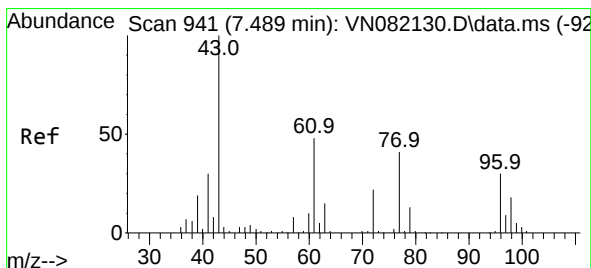
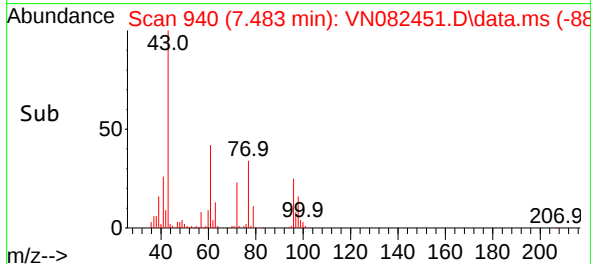
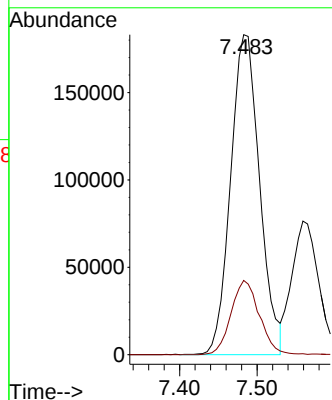
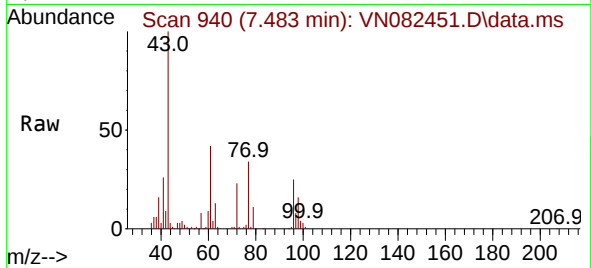
#25
2-Butanone
Concen: 283.000 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47742
Ion Ratio Lower Upper
43 100
72 23.2 25.3 37.9

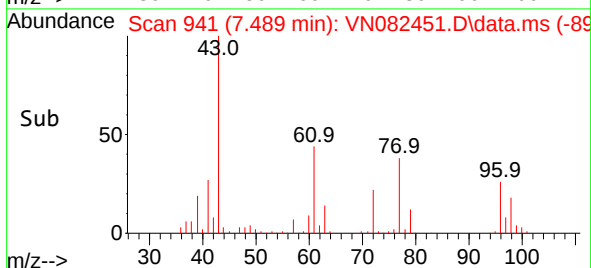
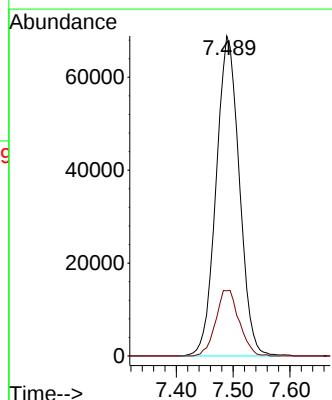
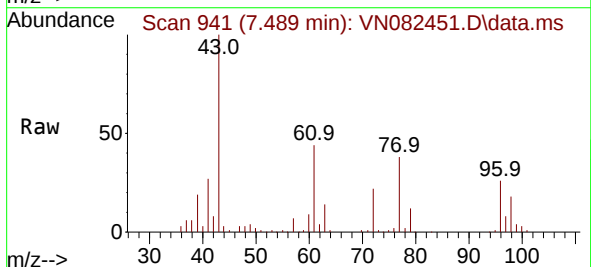
Manual Integrations
APPROVED

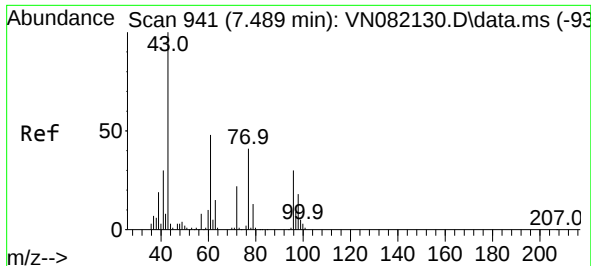
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#26
2,2-Dichloropropane
Concen: 53.949 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

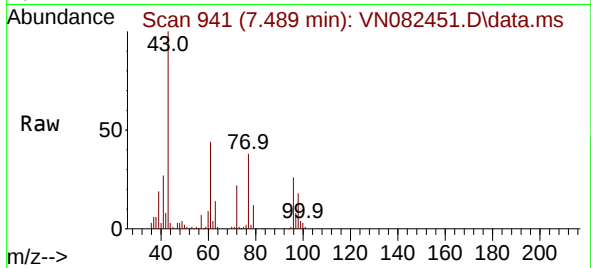
Tgt Ion: 77 Resp: 195346
Ion Ratio Lower Upper
77 100
97 20.8 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 53.141 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082451.D
 Acq: 04 Jun 2024 10:24

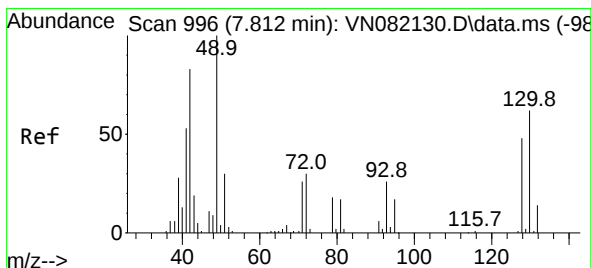
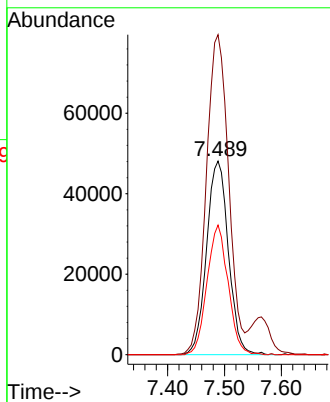
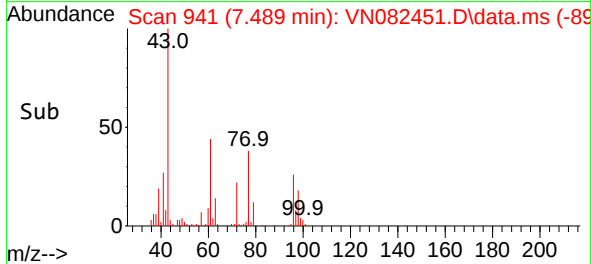
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 128215
 Ion Ratio Lower Upper
 96 100
 61 168.8 0.0 268.0
 98 64.8 0.0 126.8

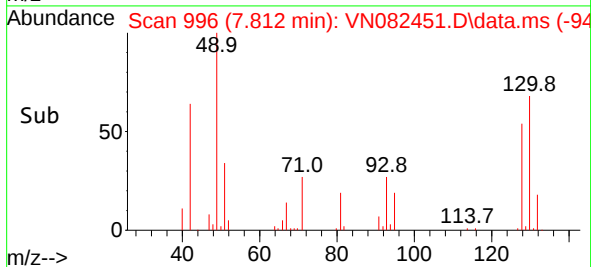
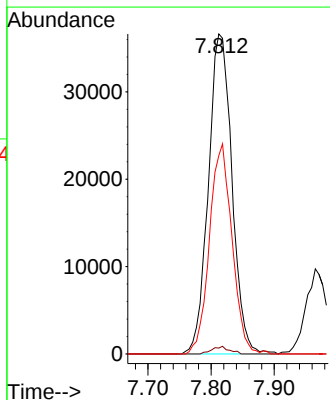
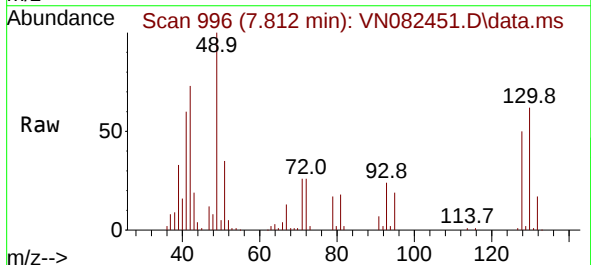
Manual Integrations
 APPROVED

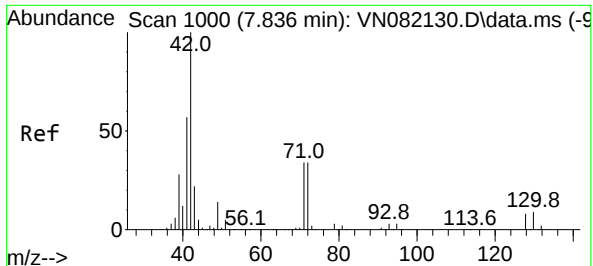
Reviewed By :John Carlone 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#28
 Bromochloromethane
 Concen: 50.697 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082451.D
 Acq: 04 Jun 2024 10:24

Tgt Ion: 49 Resp: 95192
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 62.8 66.7 100.1#





#29

Tetrahydrofuran

Concen: 287.172 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 311054

Ion Ratio Lower Upper

42 100

72 37.0 39.3 58.9

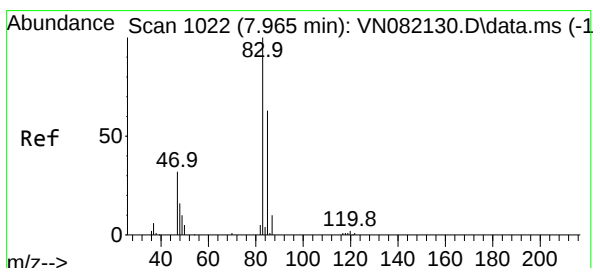
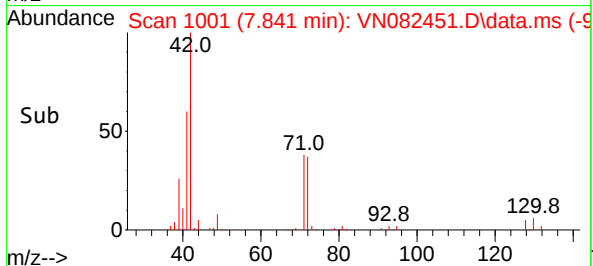
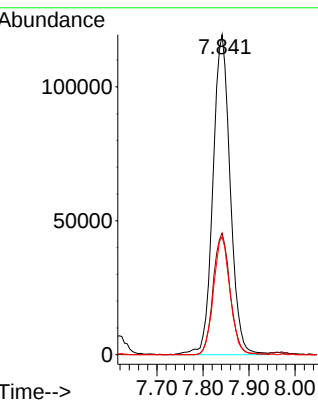
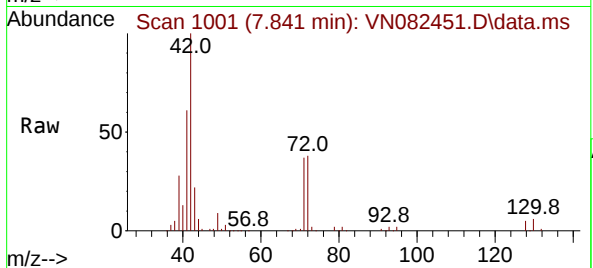
71 35.2 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#30

Chloroform

Concen: 55.899 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082451.D

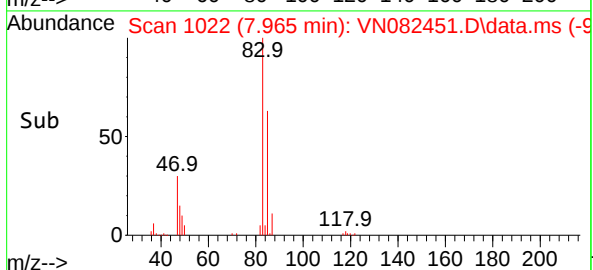
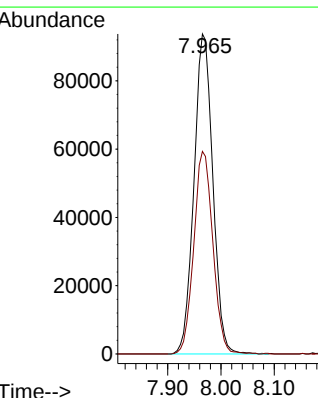
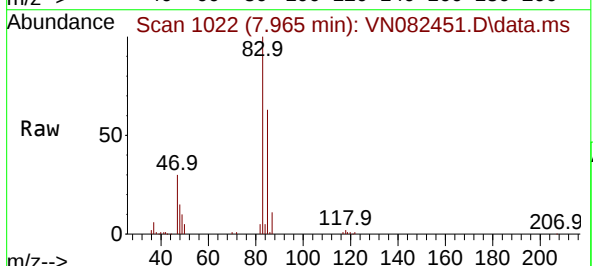
Acq: 04 Jun 2024 10:24

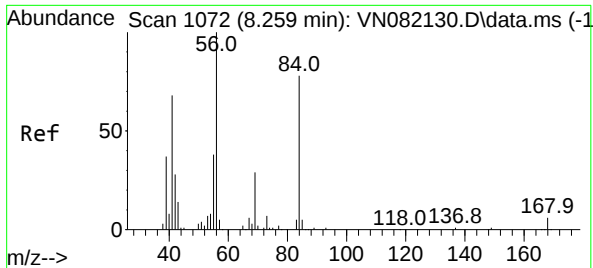
Tgt Ion: 83 Resp: 230766

Ion Ratio Lower Upper

83 100

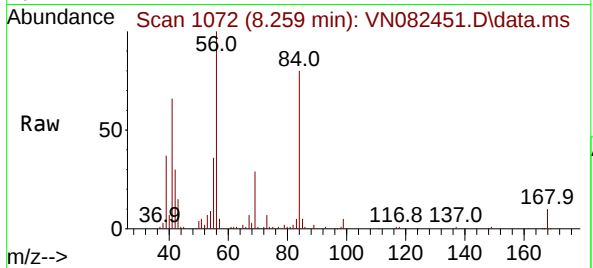
85 63.3 50.7 76.1





#31
Cyclohexane
Concen: 42.150 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

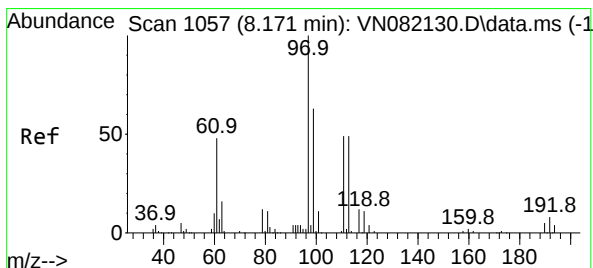
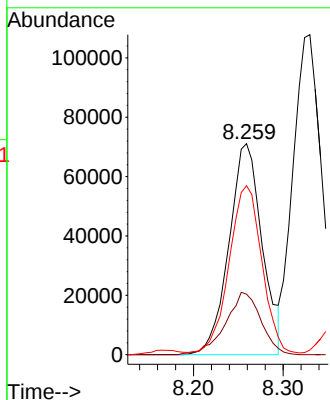
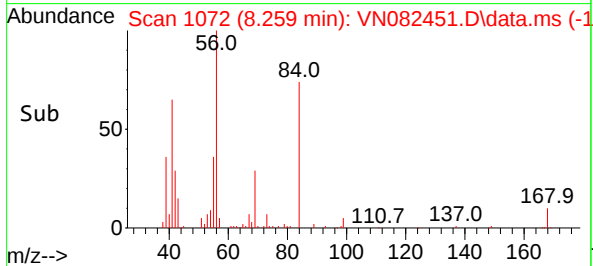
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 182604
Ion Ratio Lower Upper
56 100
69 28.2 24.4 36.6
84 78.6 77.0 115.4

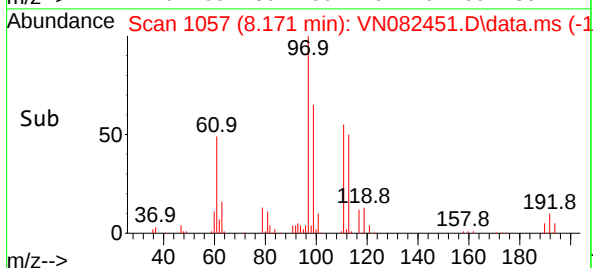
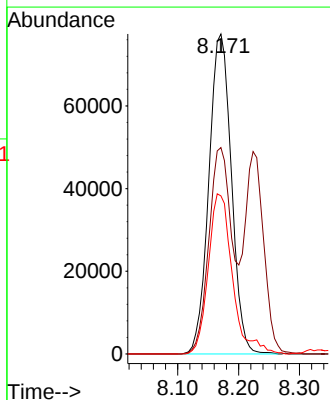
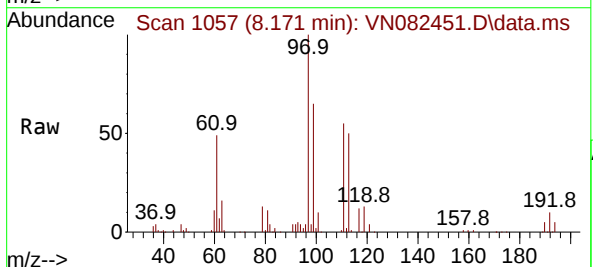
Manual Integrations
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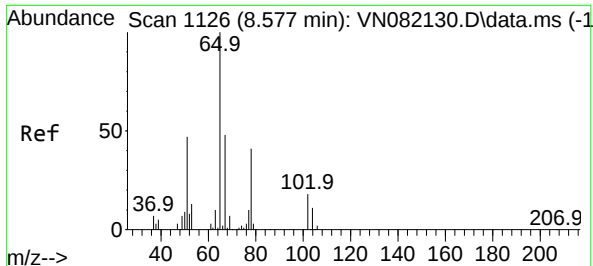
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#32
1,1,1-Trichloroethane
Concen: 54.267 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion: 97 Resp: 198749
Ion Ratio Lower Upper
97 100
99 66.3 50.3 75.5
61 53.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.060 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 135780

Ion Ratio Lower Upper

65 100

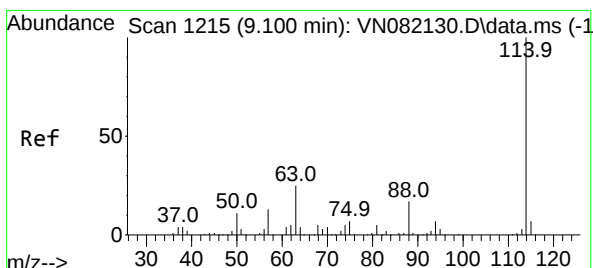
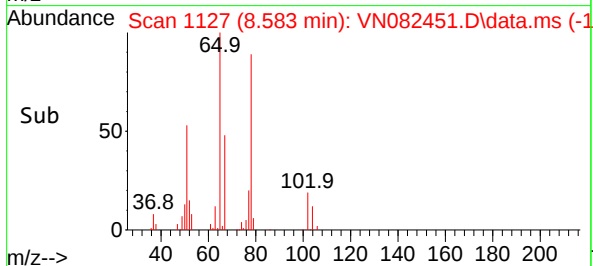
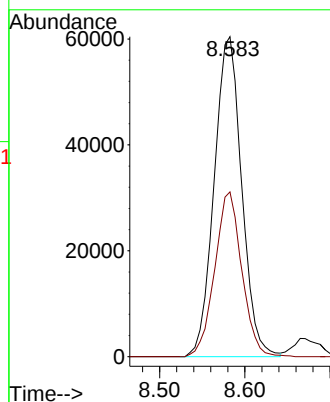
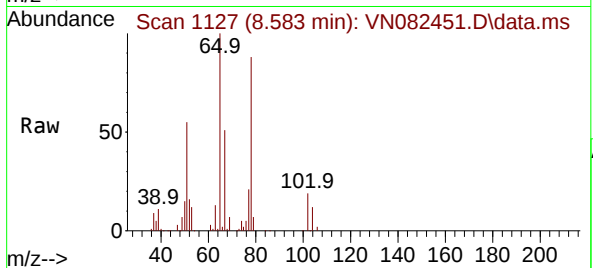
67 50.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

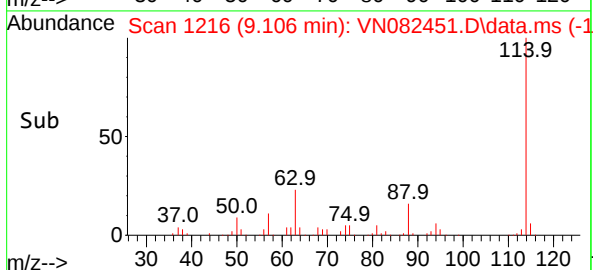
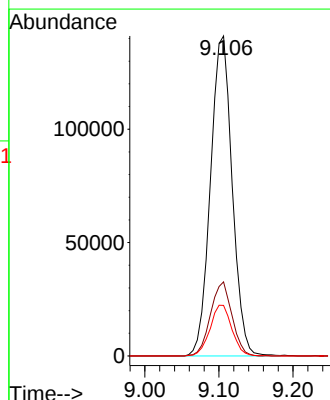
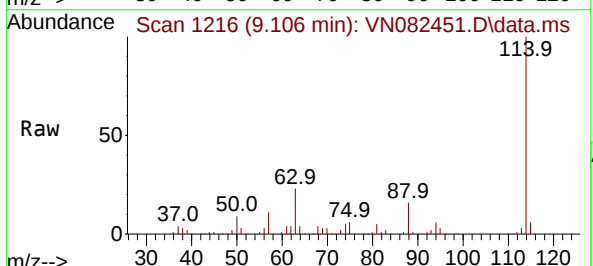
Tgt Ion:114 Resp: 287469

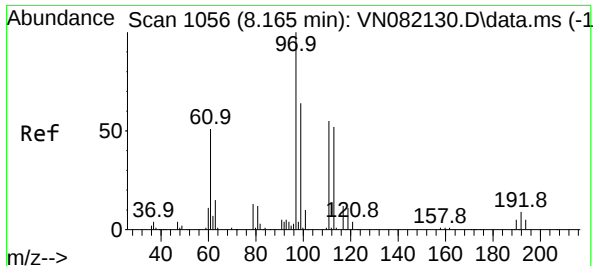
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

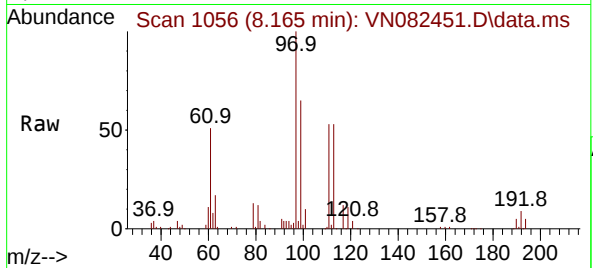
88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 54.164 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

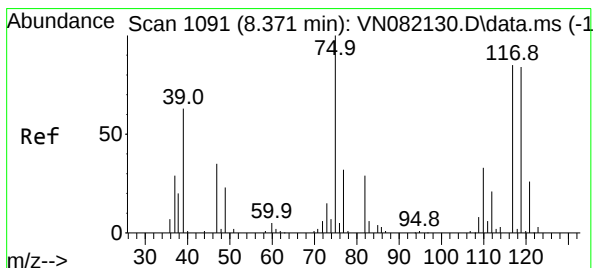
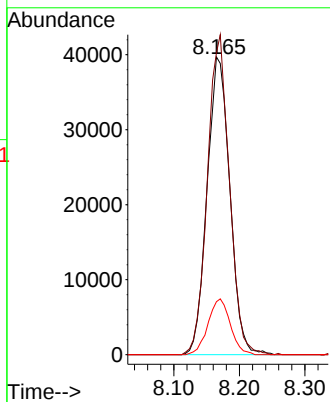
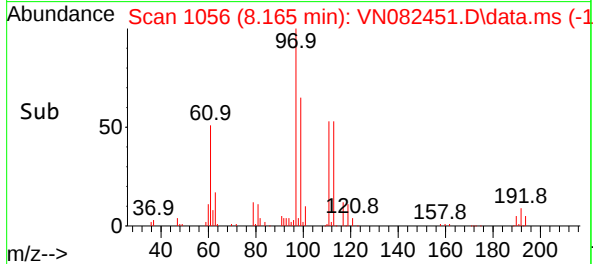
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



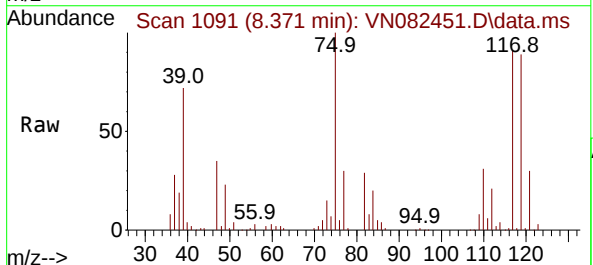
Tgt Ion: 113 Resp: 9578
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 18.3 14.0 21.0

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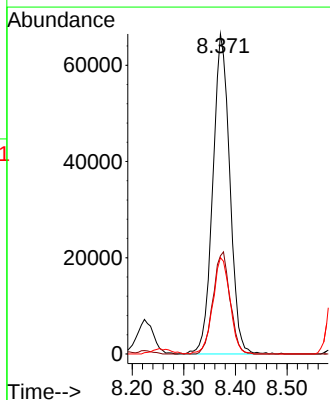
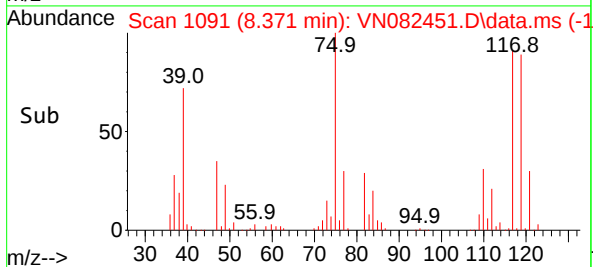
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

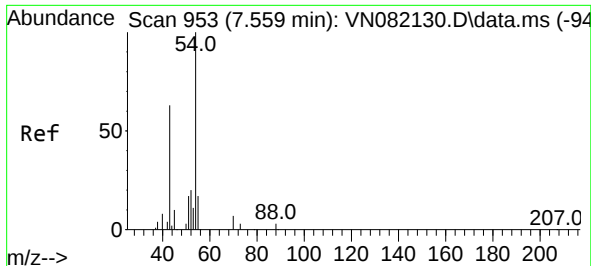


#36
1,1-Dichloropropene
Concen: 51.173 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



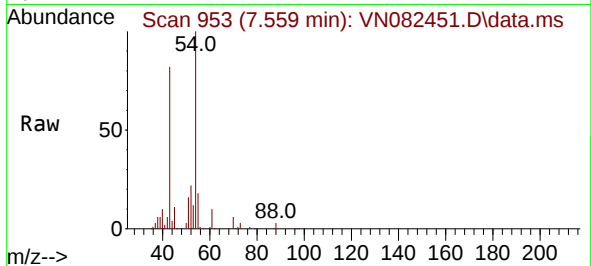
Tgt Ion: 75 Resp: 151771
Ion Ratio Lower Upper
75 100
110 31.8 17.8 53.5
77 30.5 25.0 37.4





#37
Ethyl Acetate
Concen: 57.176 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

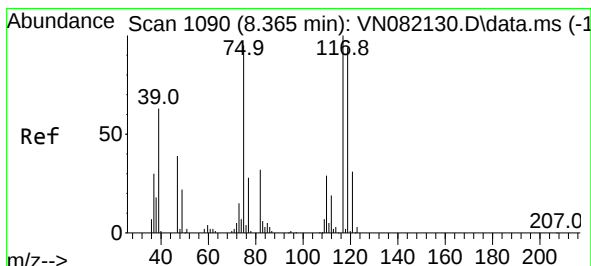
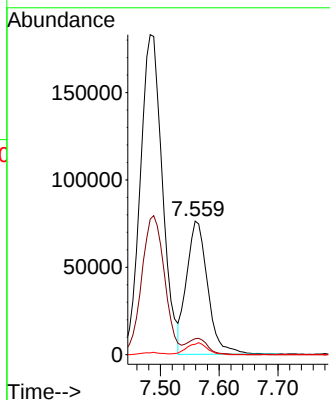
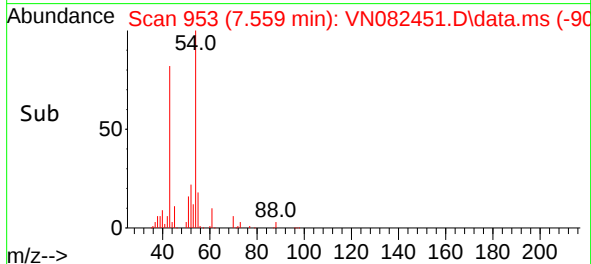
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18977
Ion Ratio Lower Upper
43 100
61 11.1 11.3 16.9
70 8.7 8.7 13.1

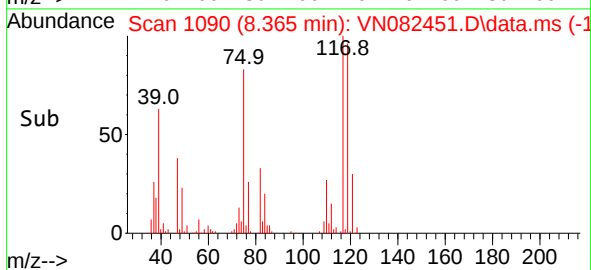
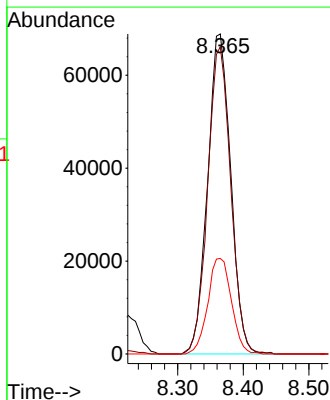
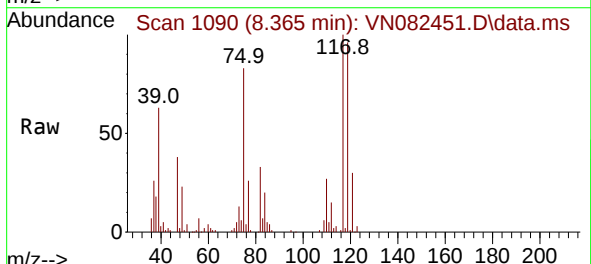
Manual Integrations
APPROVED

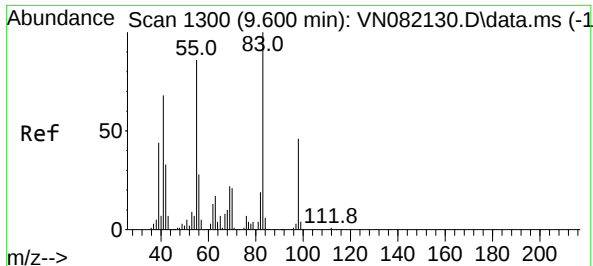
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#38
Carbon Tetrachloride
Concen: 56.157 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion:117 Resp: 168835
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
121 29.8 23.9 35.9





#39

Methylcyclohexane

Concen: 48.500 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

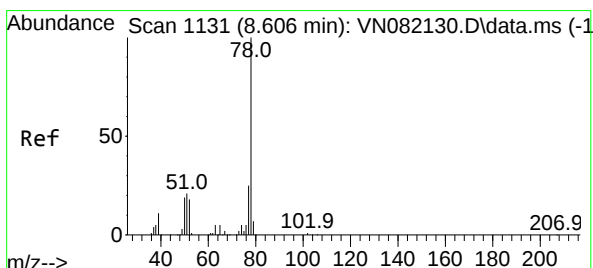
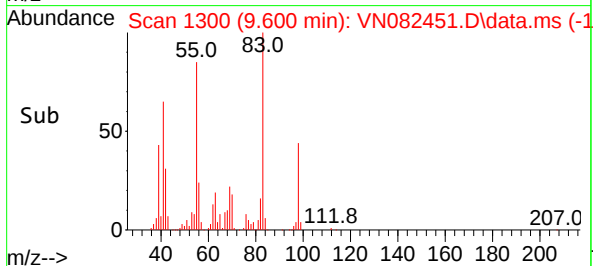
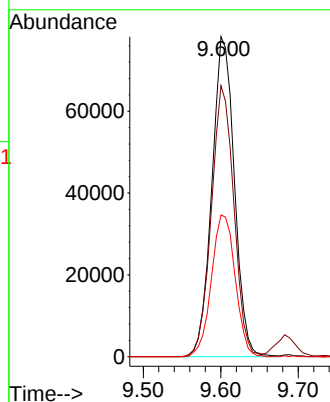
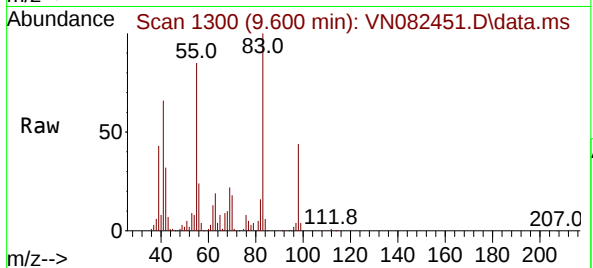
Tgt Ion:	83	Resp:	15767
Ion Ratio	Lower	Upper	
83	100		
55	84.7	53.0	79.6
98	44.3	37.1	55.7

Manual Integrations

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Reviewed By :John Carlone 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#40

Benzene

Concen: 53.755 ug/l

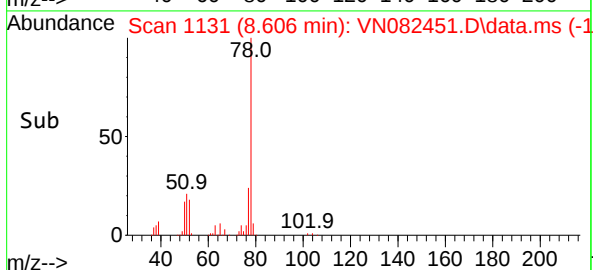
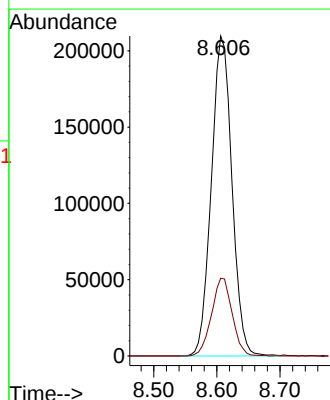
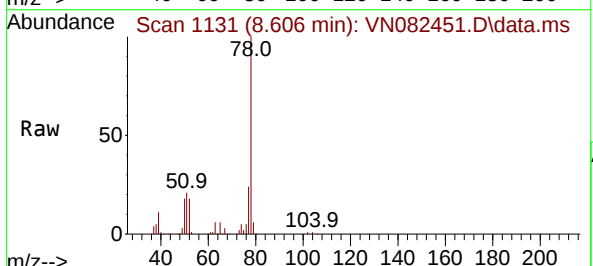
RT: 8.606 min Scan# 1131

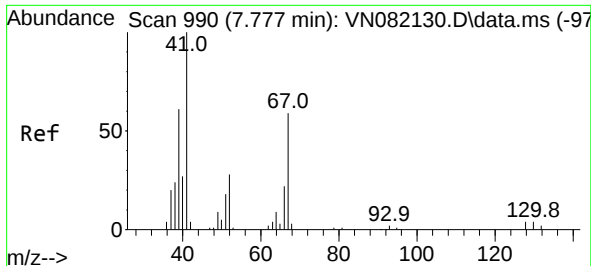
Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

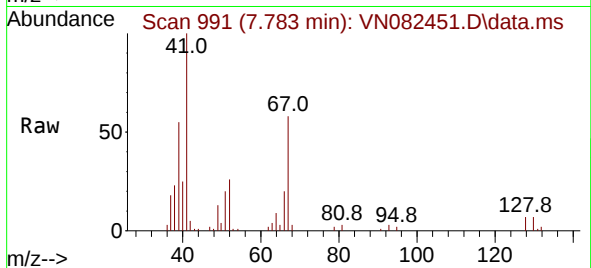
Tgt Ion:	78	Resp:	475416
Ion Ratio	Lower	Upper	
78	100		
77	24.3	20.0	30.0





#41
Methacrylonitrile
Concen: 57.148 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

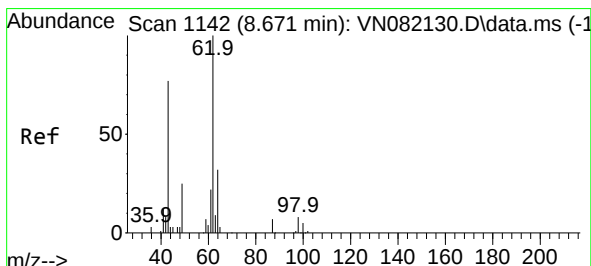
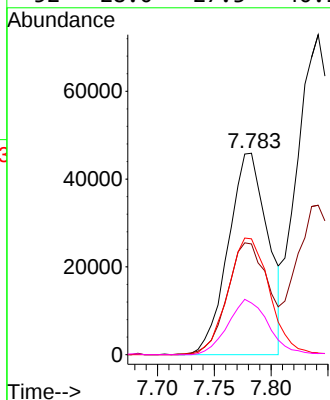
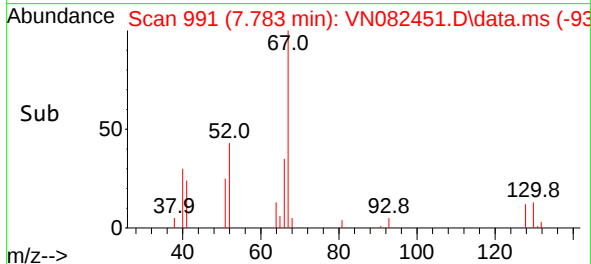
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 11155
Ion Ratio Lower Upper
41 100
39 57.4 46.6 69.8
67 61.0 67.3 100.9
52 28.0 27.3 40.9

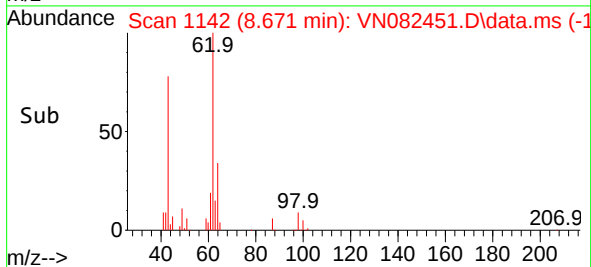
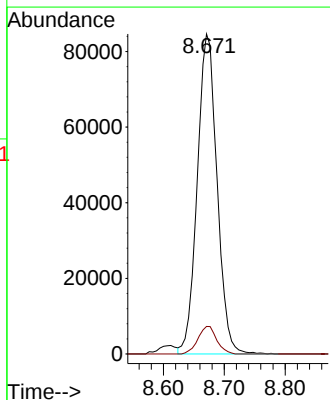
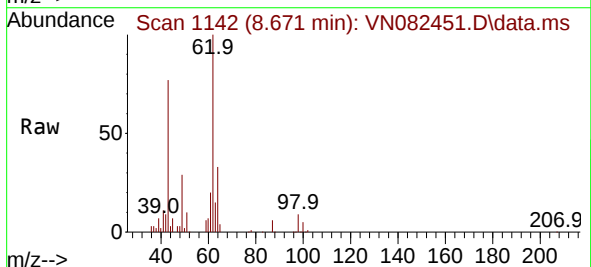
Manual Integrations
APPROVED

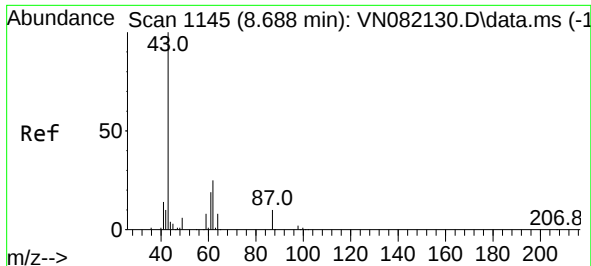
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#42
1,2-Dichloroethane
Concen: 56.117 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

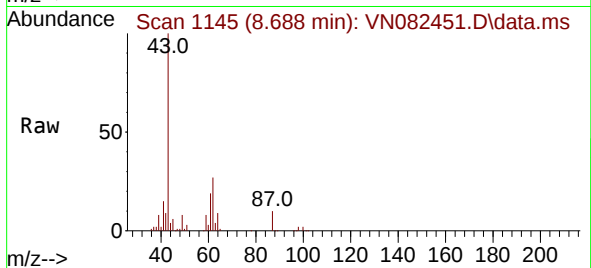
Tgt Ion: 62 Resp: 190881
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 64.920 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

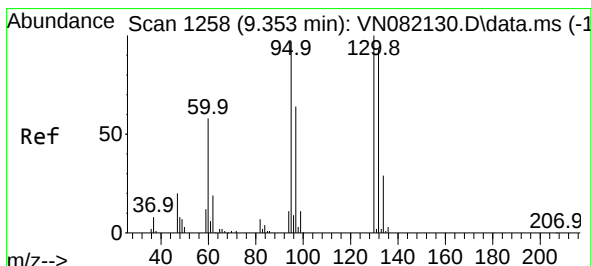
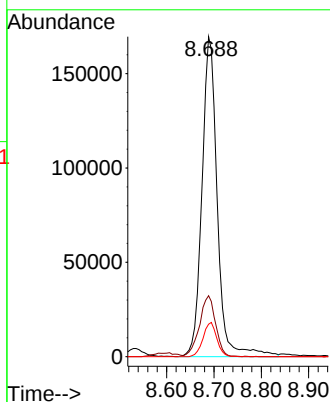
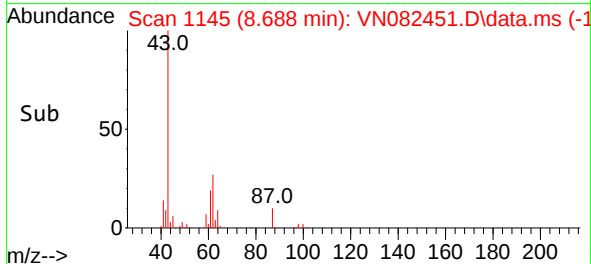
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 381815
Ion Ratio Lower Upper
43 100
61 19.9 22.8 34.2
87 9.6 12.0 18.0

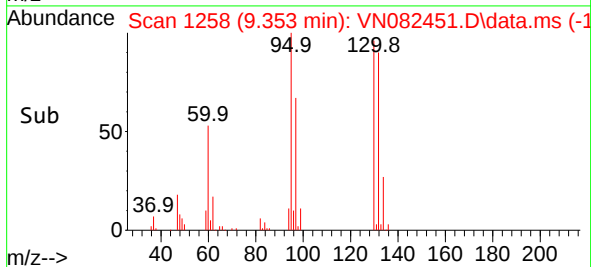
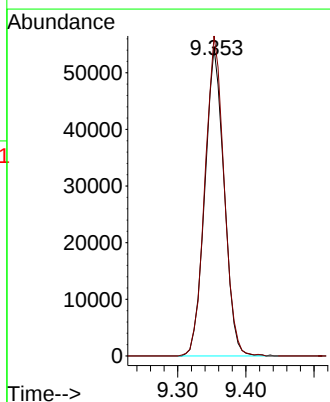
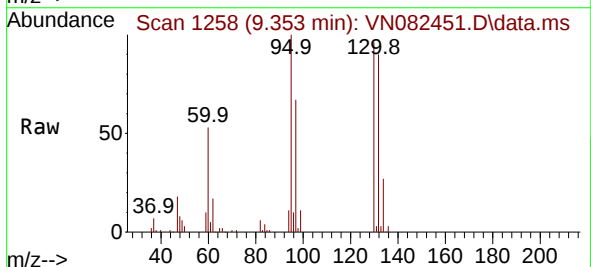
Manual Integrations
APPROVED

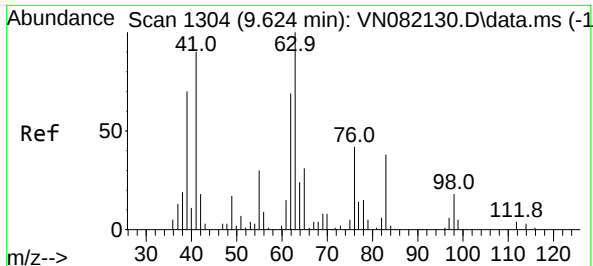
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#44
Trichloroethene
Concen: 53.303 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion:130 Resp: 107085
Ion Ratio Lower Upper
130 100
95 103.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 56.055 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12791

Ion Ratio Lower Upper

63 100

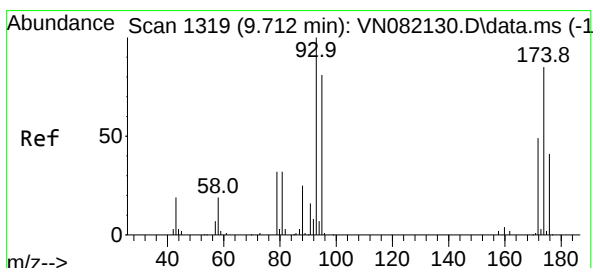
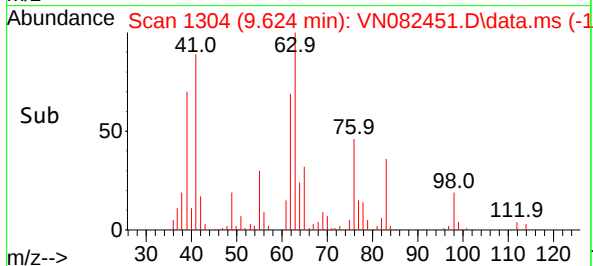
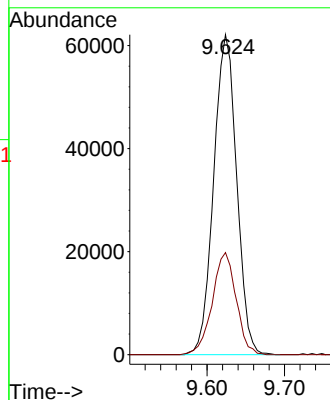
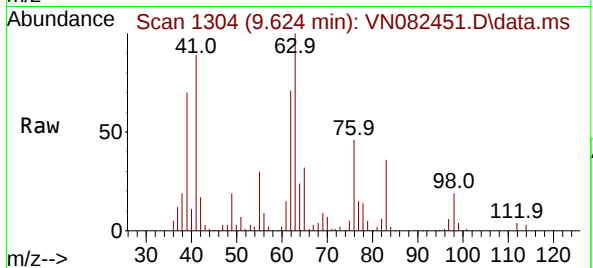
65 31.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#46

Dibromomethane

Concen: 57.349 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

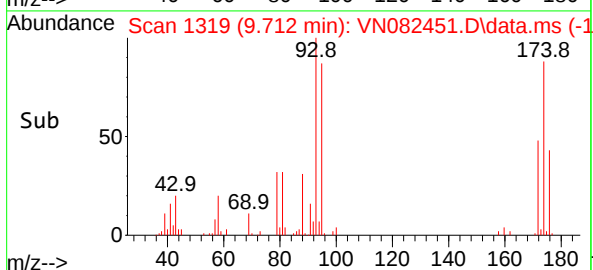
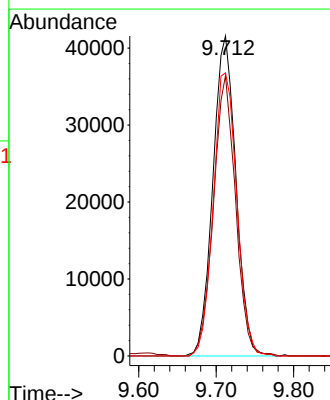
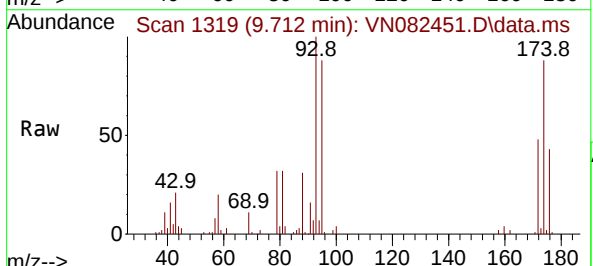
Tgt Ion: 93 Resp: 85916

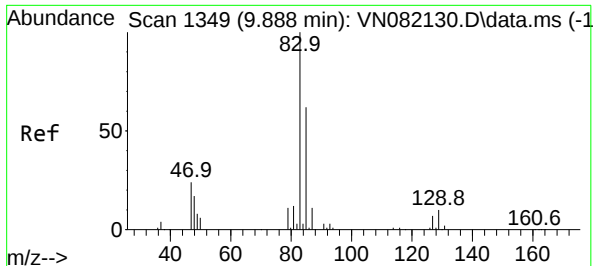
Ion Ratio Lower Upper

93 100

95 84.2 64.8 97.2

174 90.5 73.4 110.0





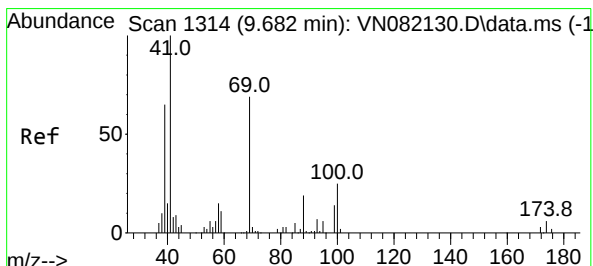
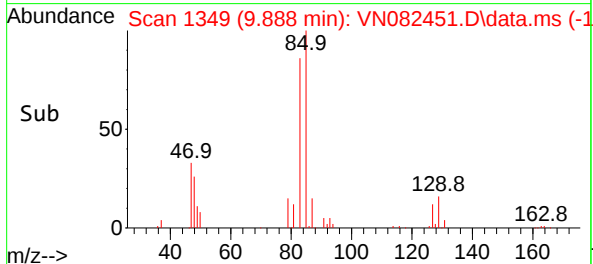
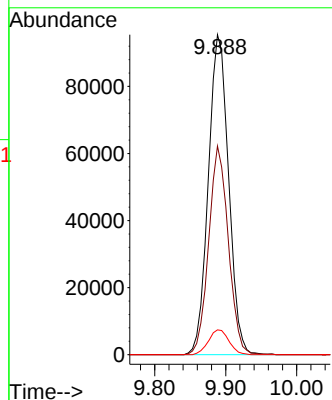
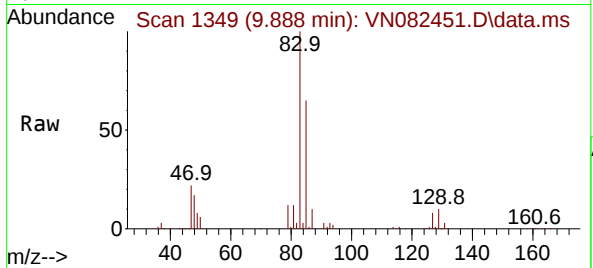
#47
Bromodichloromethane
Concen: 59.811 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18916
Ion Ratio Lower Upper
83 100
85 65.2 51.9 77.9
127 7.8 7.5 11.3

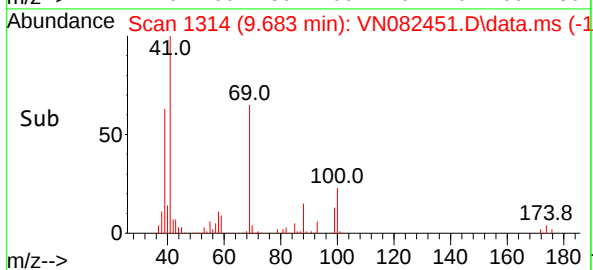
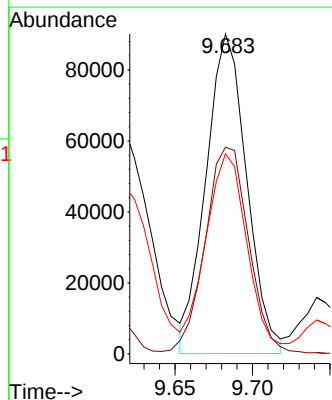
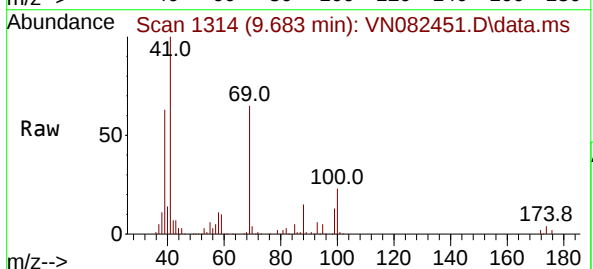
Manual Integrations
APPROVED

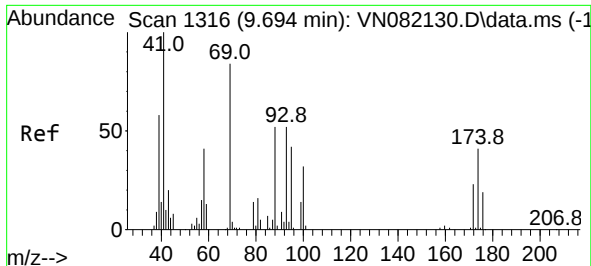
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#48
Methyl methacrylate
Concen: 58.702 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

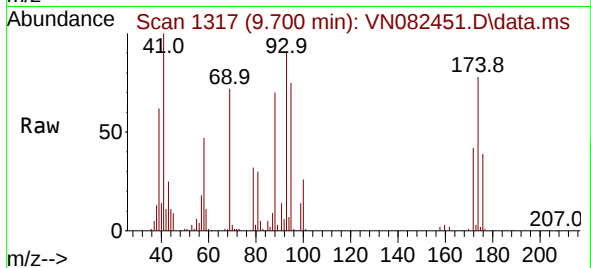
Tgt Ion: 41 Resp: 164507
Ion Ratio Lower Upper
41 100
69 69.6 77.9 116.9#
39 64.7 50.9 76.3





#49
1,4-Dioxane
Concen: 1245.356 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

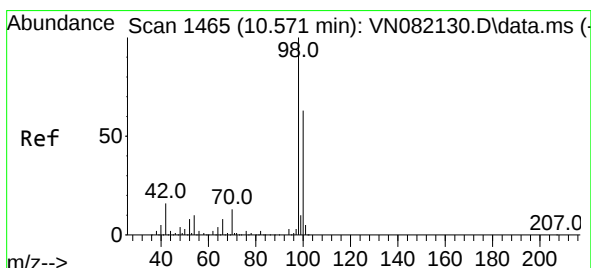
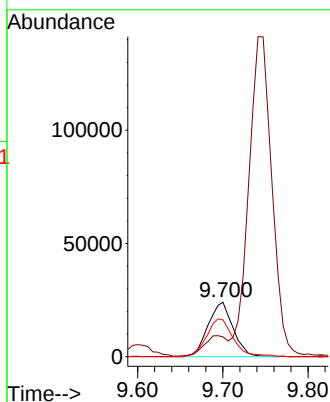
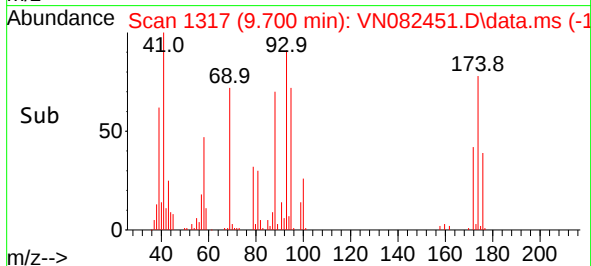
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 48905
Ion Ratio Lower Upper
88 100
43 34.8 19.0 28.6
58 74.4 50.6 76.0

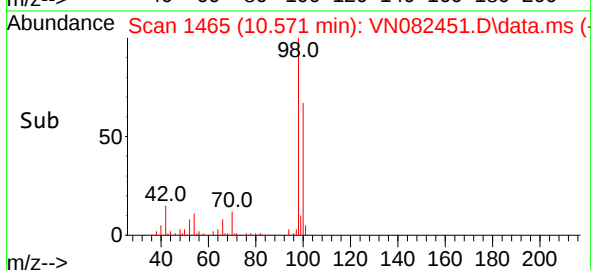
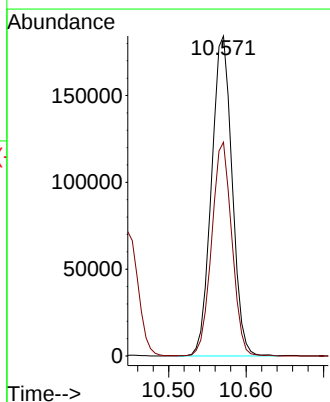
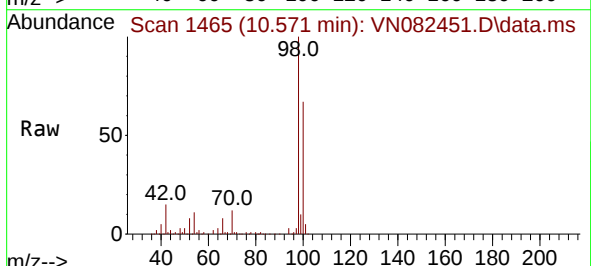
Manual Integrations
APPROVED

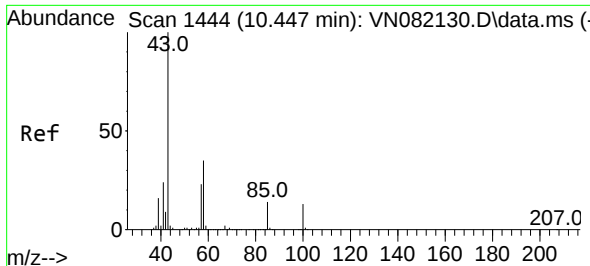
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#50
Toluene-d8
Concen: 50.228 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

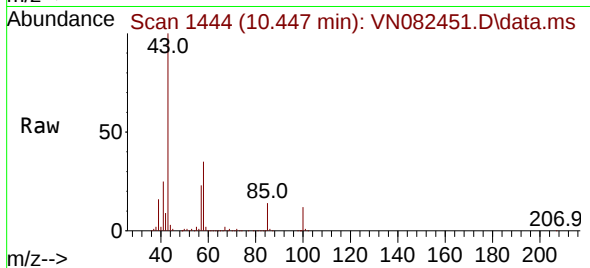
Tgt Ion: 98 Resp: 340538
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 307.044 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

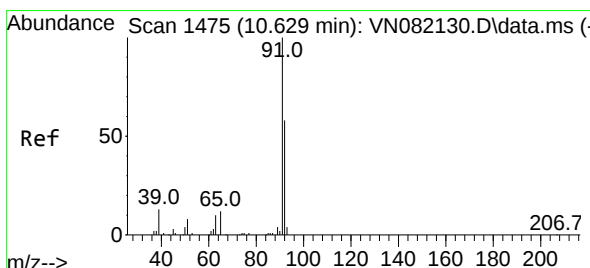
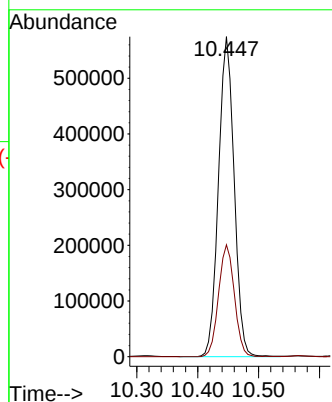
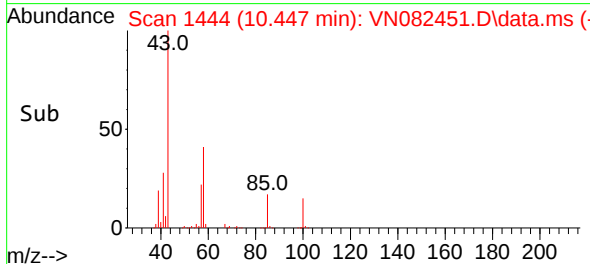
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



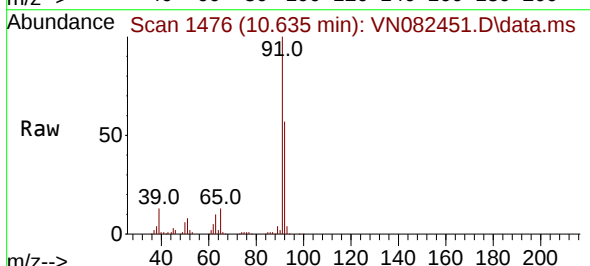
Tgt Ion: 43 Resp: 1026009
Ion Ratio Lower Upper
43 100
58 35.4 33.2 49.8

Manual Integrations
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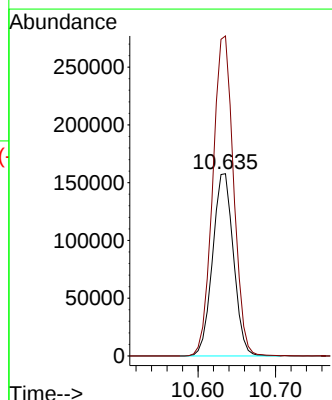
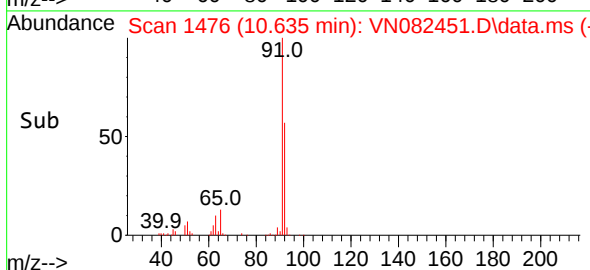
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

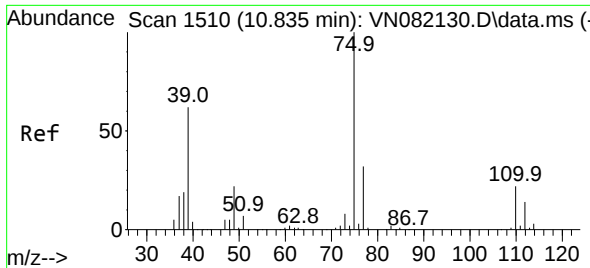


#52
Toluene
Concen: 55.579 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion: 92 Resp: 294985
Ion Ratio Lower Upper
92 100
91 175.3 136.7 205.1





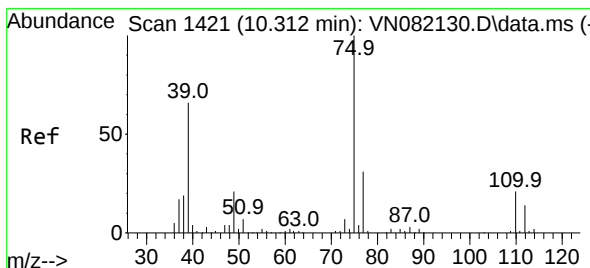
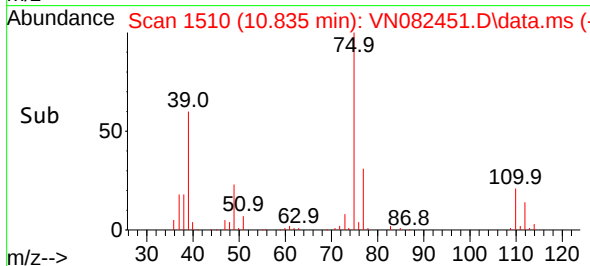
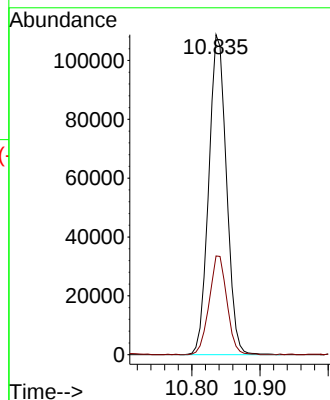
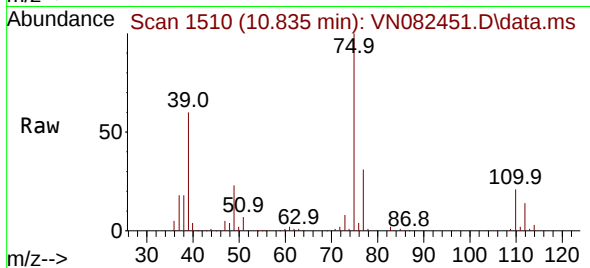
#53
 t-1,3-Dichloropropene
 Concen: 60.151 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082451.D
 Acq: 04 Jun 2024 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 19675
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0

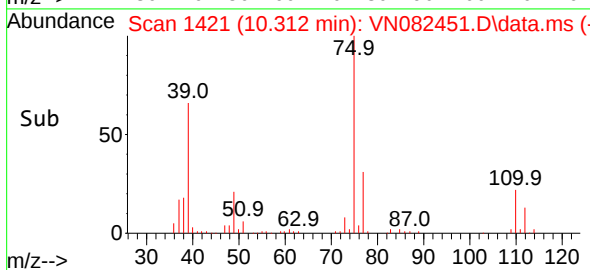
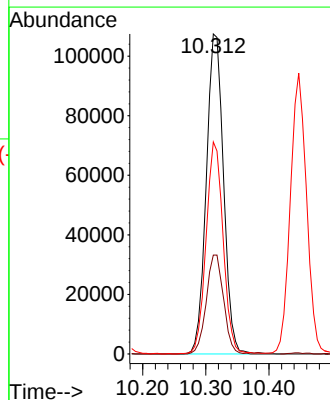
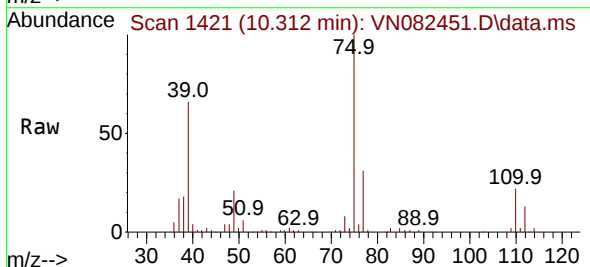
Manual Integrations
 APPROVED

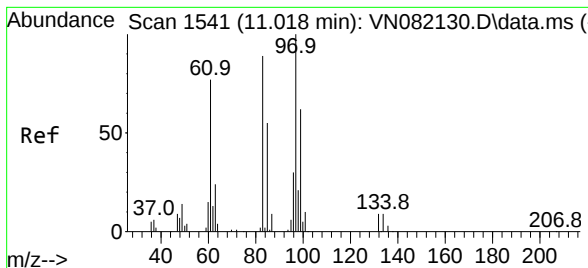
Reviewed By :John Carlone 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#54
 cis-1,3-Dichloropropene
 Concen: 58.888 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082451.D
 Acq: 04 Jun 2024 10:24

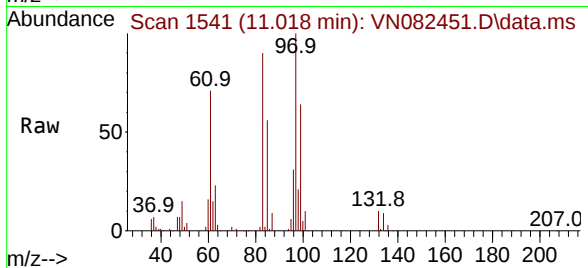
Tgt Ion: 75 Resp: 203891
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 66.1 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 60.939 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

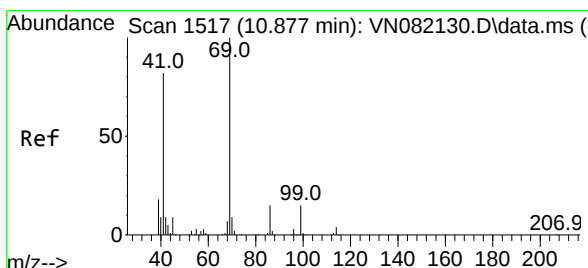
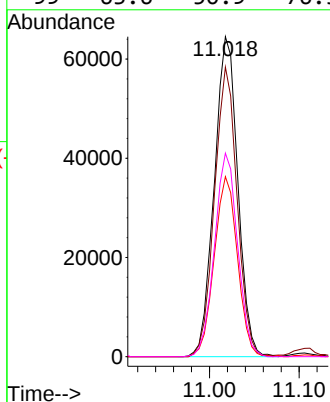
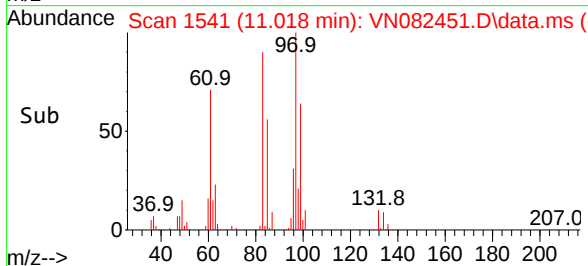
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



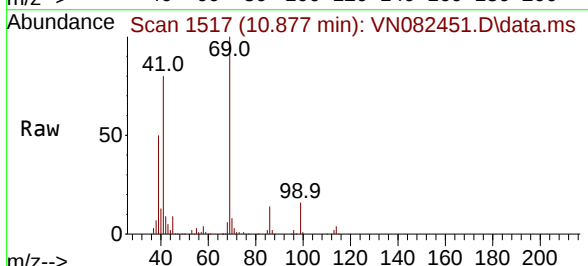
Tgt Ion: 97 Resp: 117530
Ion Ratio Lower Upper
97 100
83 90.5 70.4 105.6
85 56.3 45.6 68.4
99 63.6 50.9 76.3

Manual Integrations
APPROVED

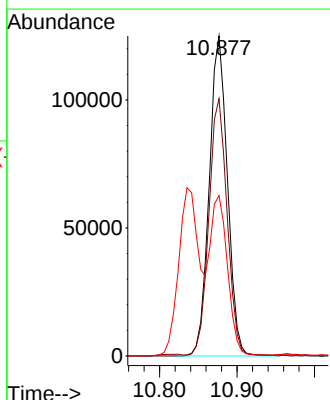
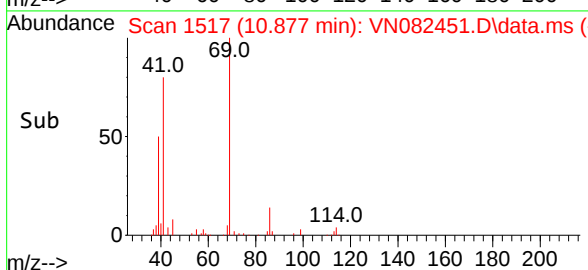
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

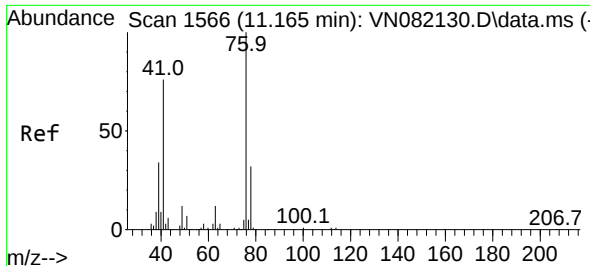


#56
Ethyl methacrylate
Concen: 62.171 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



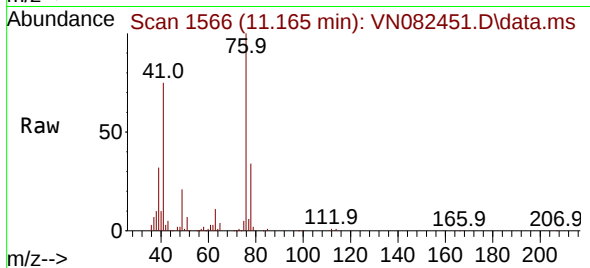
Tgt Ion: 69 Resp: 203587
Ion Ratio Lower Upper
69 100
41 80.5 46.6 70.0#
39 47.1 26.5 39.7#





#57
1,3-Dichloropropane
Concen: 57.911 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

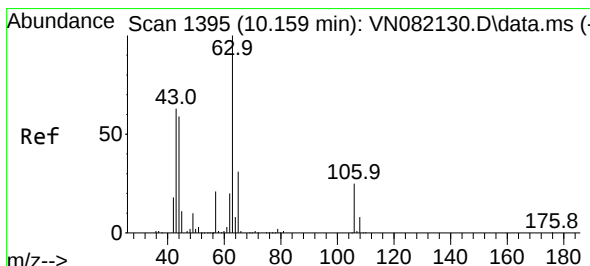
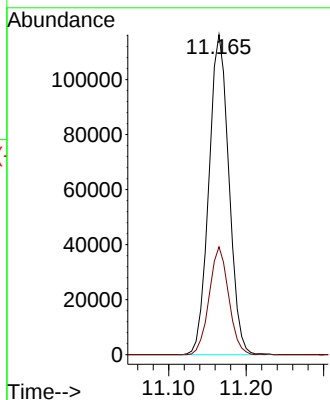
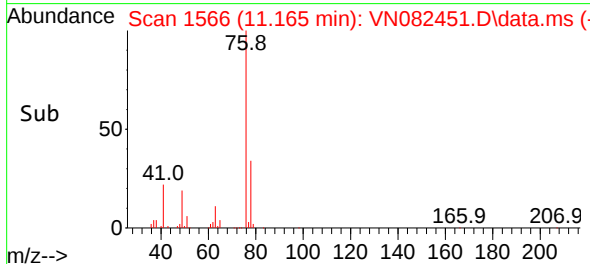
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 208844
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

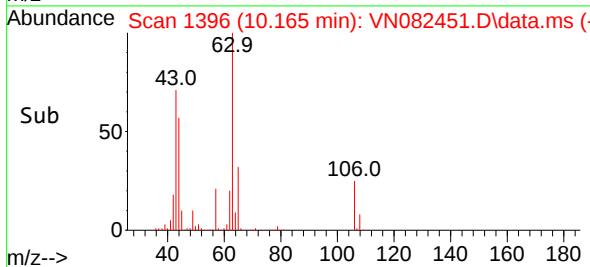
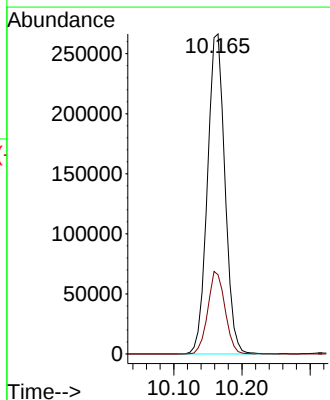
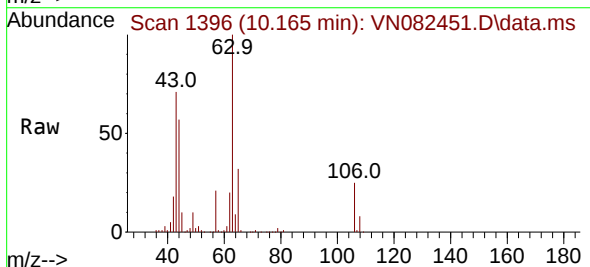
Manual Integrations
APPROVED

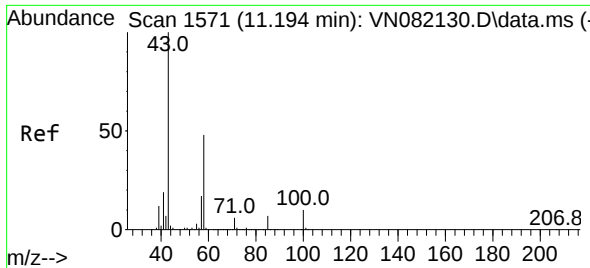
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#58
2-Chloroethyl Vinyl ether
Concen: 281.643 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

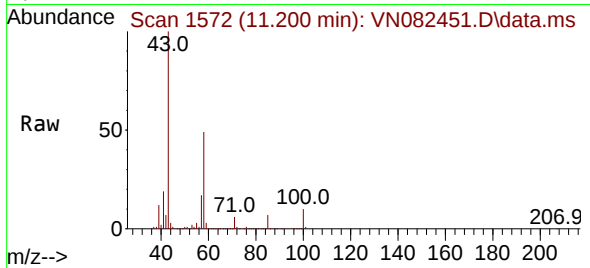
Tgt Ion: 63 Resp: 475713
Ion Ratio Lower Upper
63 100
106 25.3 24.6 36.8





#59
2-Hexanone
Concen: 311.750 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

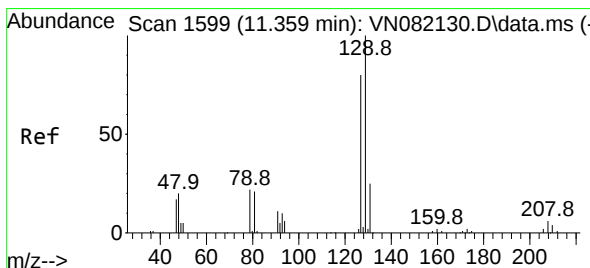
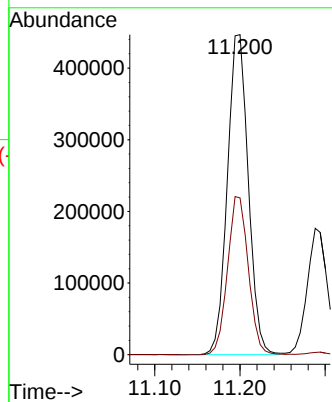
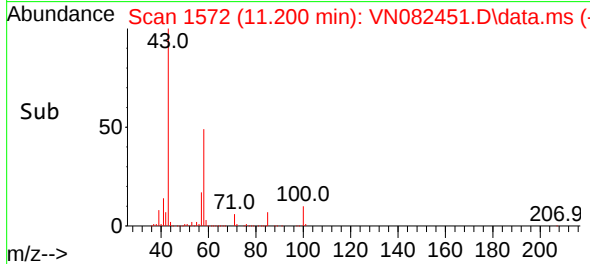
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 762764
Ion Ratio Lower Upper
43 100
58 49.1 28.3 84.9

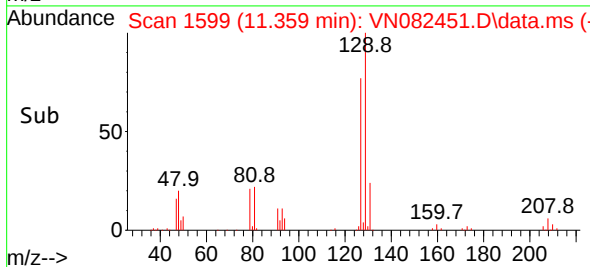
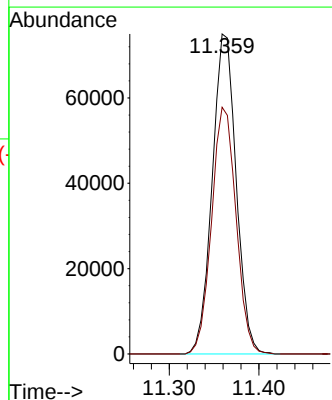
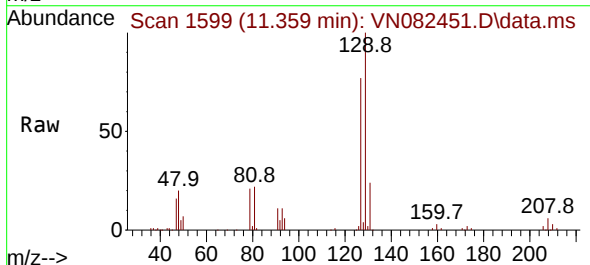
Manual Integrations
APPROVED

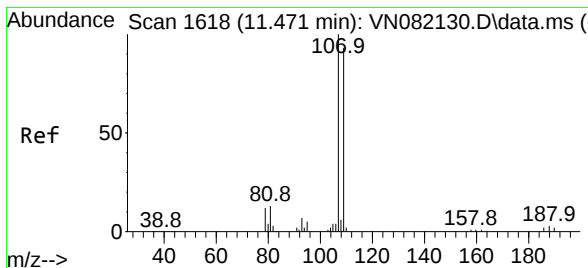
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#60
Dibromochloromethane
Concen: 65.400 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

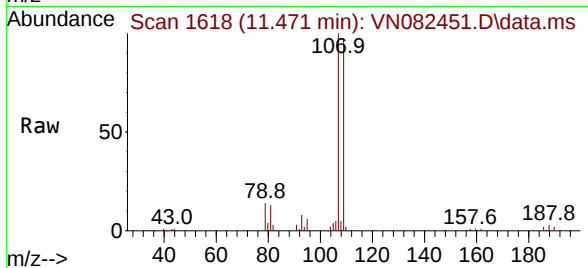
Tgt Ion:129 Resp: 139204
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.8





#61
1,2-Dibromoethane
Concen: 57.989 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

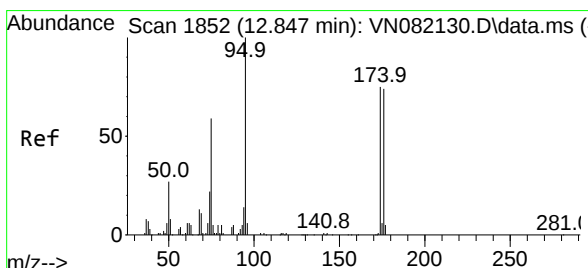
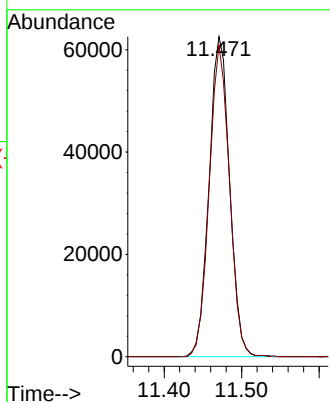
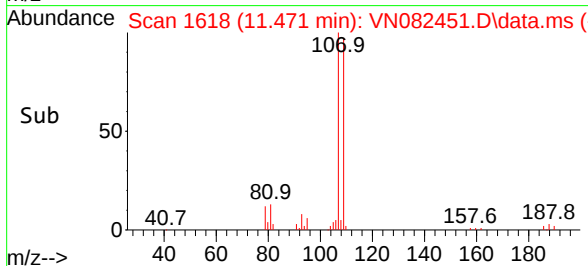
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



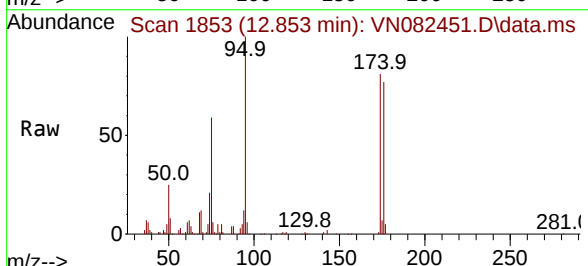
Tgt Ion:107 Resp: 11488
Ion Ratio Lower Upper
107 100
109 96.1 75.8 113.6

Manual Integrations
APPROVED

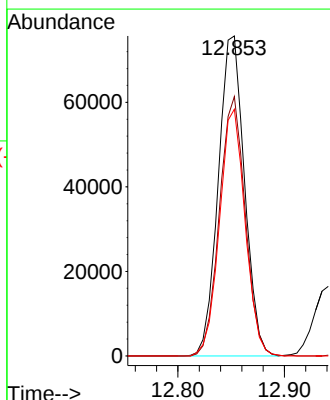
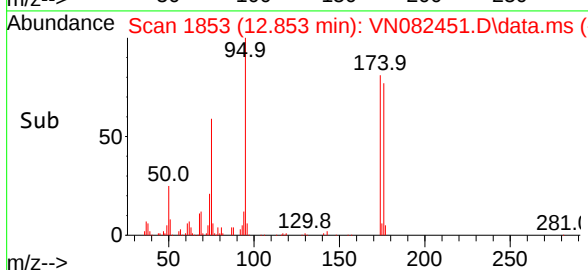
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

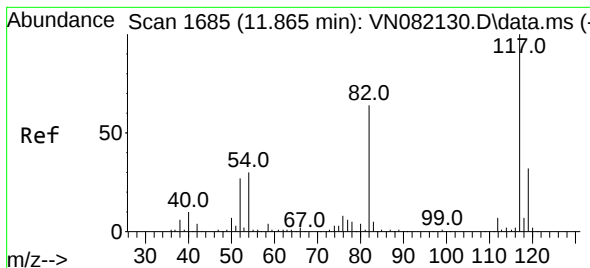


#62
4-Bromofluorobenzene
Concen: 53.442 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion: 95 Resp: 129322
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.6
176 75.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 26818

Ion Ratio Lower Upper

117 100

82 62.4 44.6 66.8

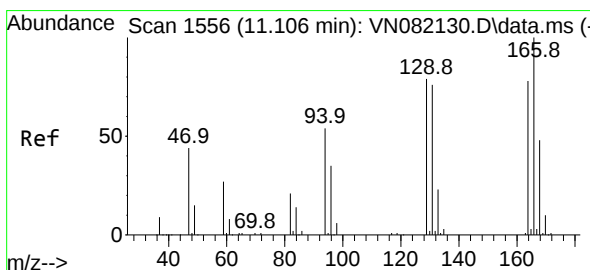
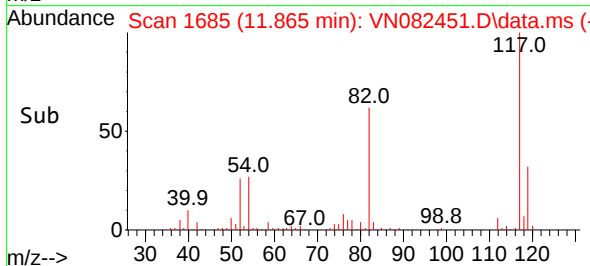
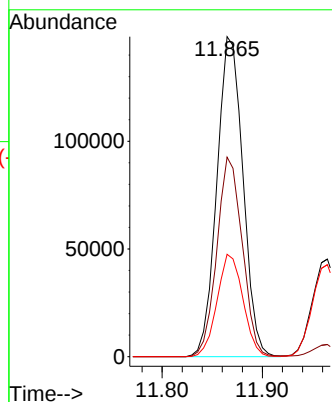
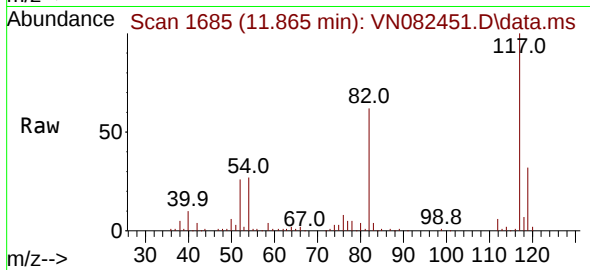
119 32.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#64

Tetrachloroethene

Concen: 52.408 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

Tgt Ion:164 Resp: 104176

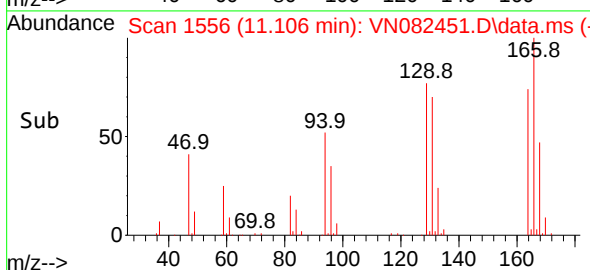
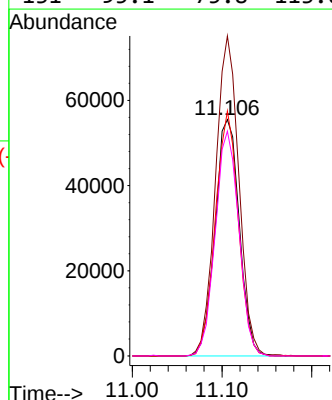
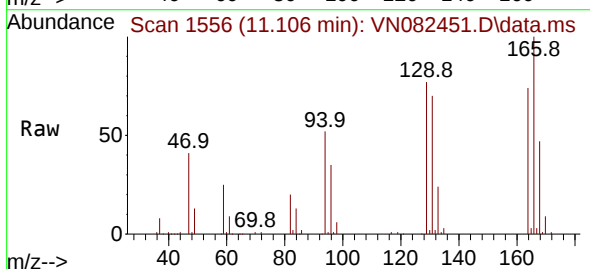
Ion Ratio Lower Upper

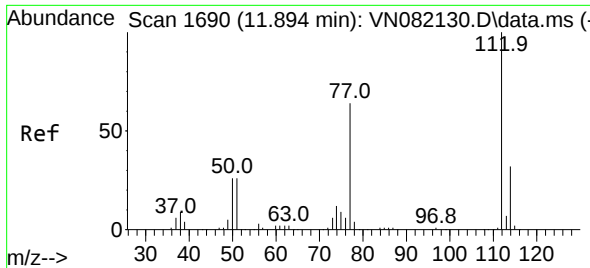
164 100

166 135.4 97.6 146.4

129 103.6 73.7 110.5

131 95.1 75.8 113.6





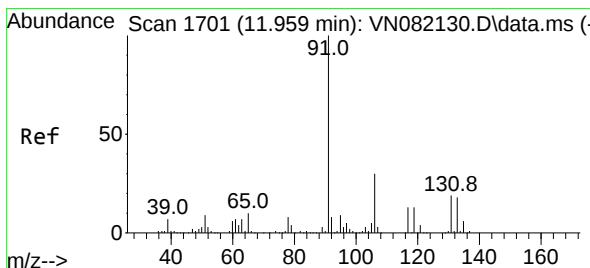
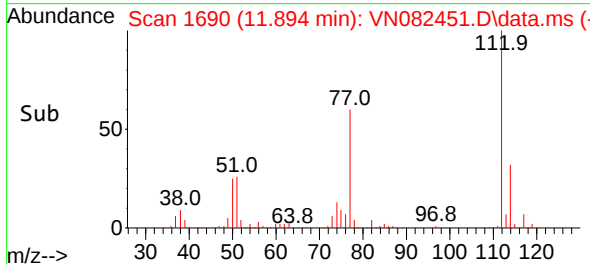
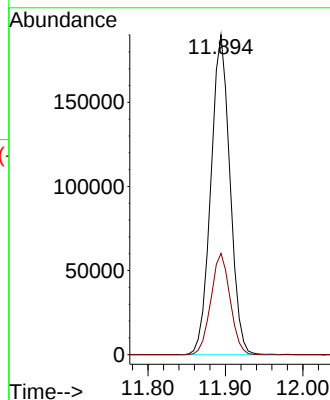
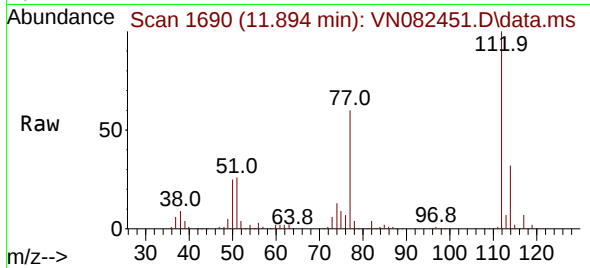
#65
Chlorobenzene
Concen: 54.894 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 32522
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

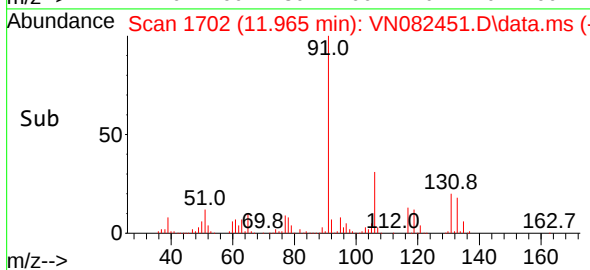
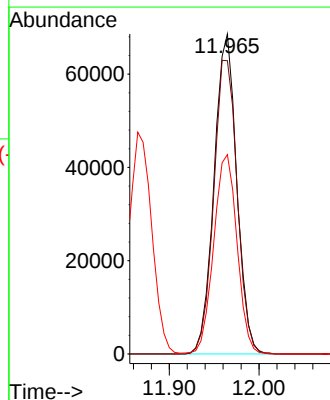
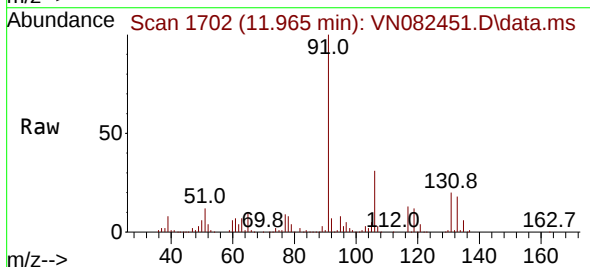
Manual Integrations
APPROVED

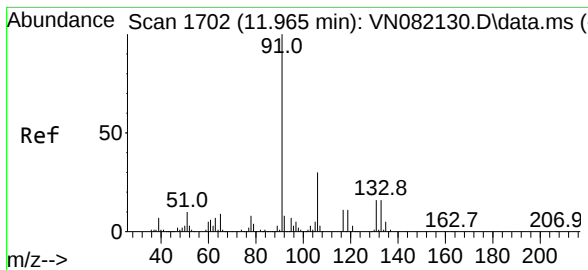
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 61.589 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion:131 Resp: 120192
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 64.3 32.9 98.7





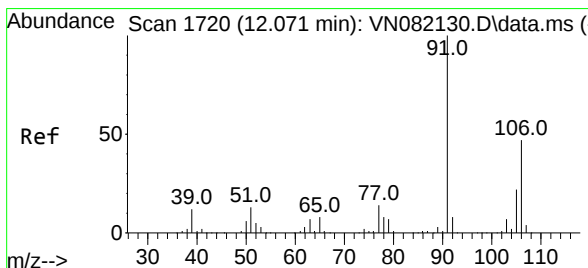
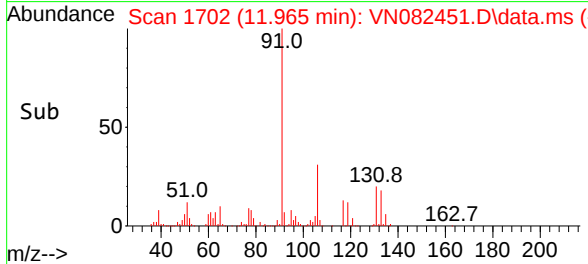
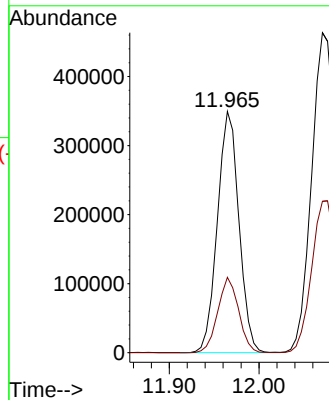
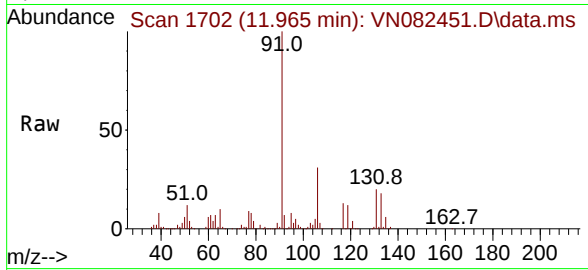
#67
Ethyl Benzene
Concen: 54.925 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 582108
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

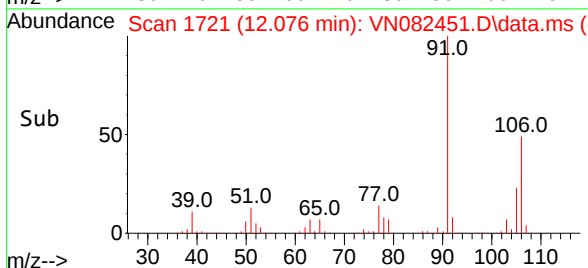
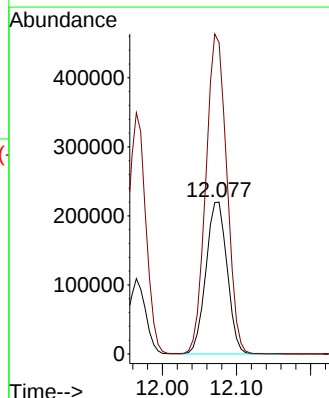
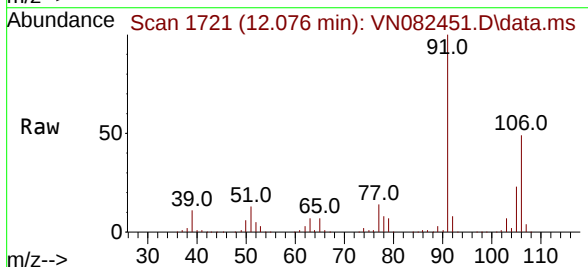
Manual Integrations
APPROVED

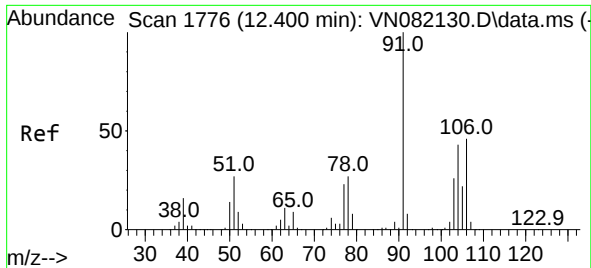
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#68
m/p-Xylenes
Concen: 112.555 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion:106 Resp: 437199
Ion Ratio Lower Upper
106 100
91 207.5 159.4 239.0





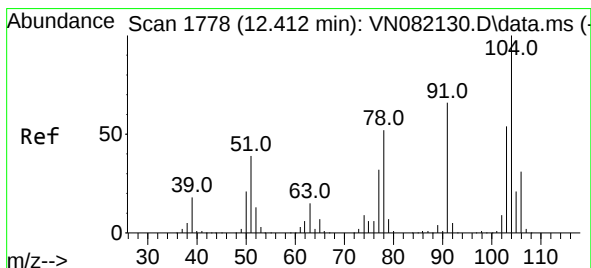
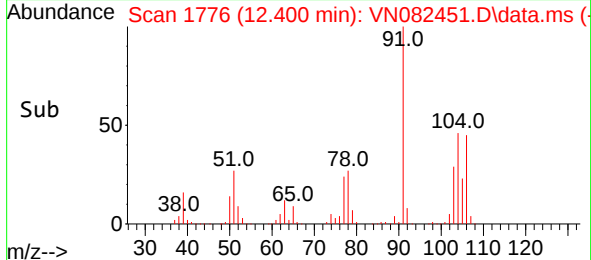
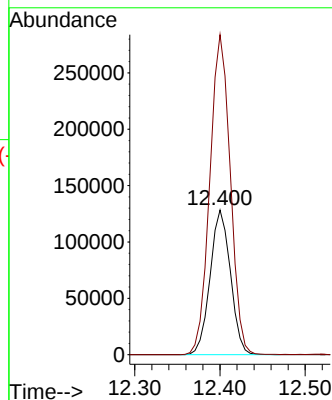
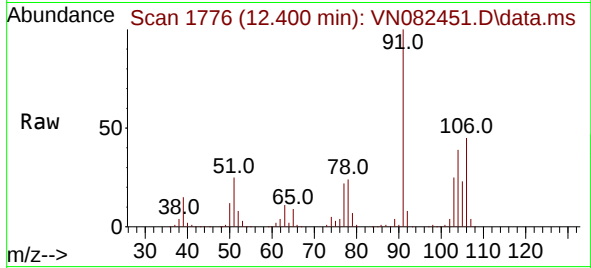
#69
o-Xylene
Concen: 56.539 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 21273
Ion Ratio Lower Upper
106 100
91 222.9 104.7 314.1

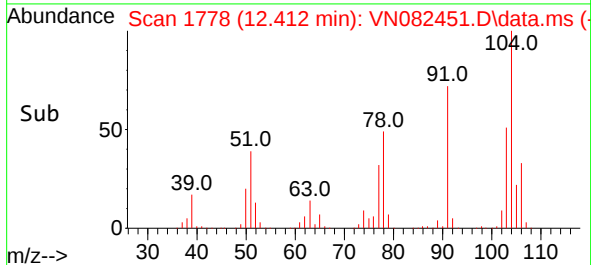
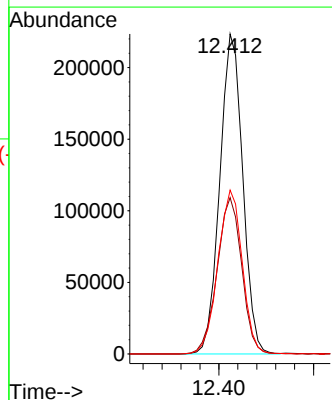
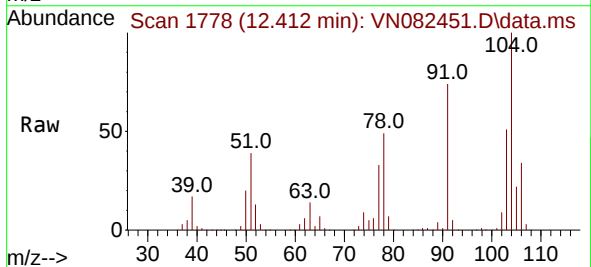
Manual Integrations
APPROVED

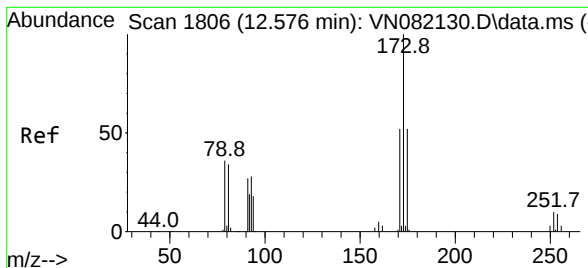
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#70
Styrene
Concen: 60.200 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

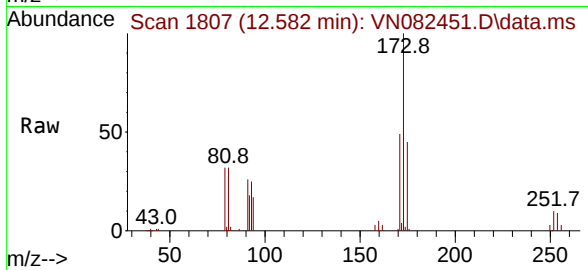
Tgt Ion:104 Resp: 376236
Ion Ratio Lower Upper
104 100
78 52.4 38.6 58.0
103 54.4 43.8 65.6





#71
Bromoform
Concen: 63.023 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

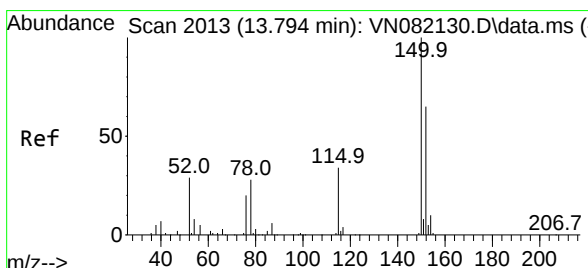
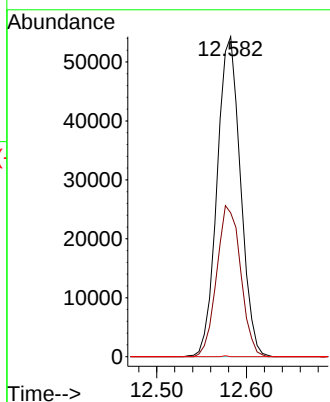
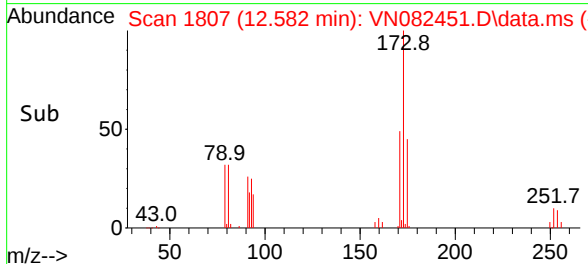
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



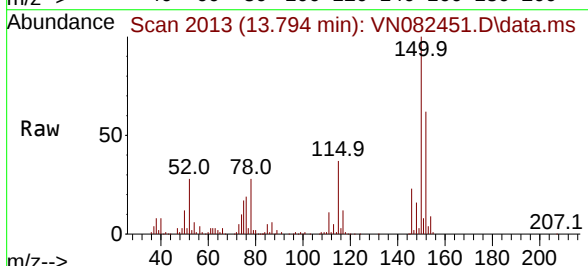
Tgt Ion:173 Resp: 9810
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

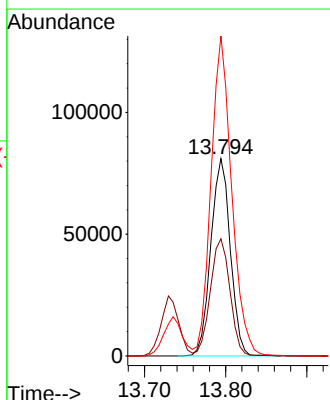
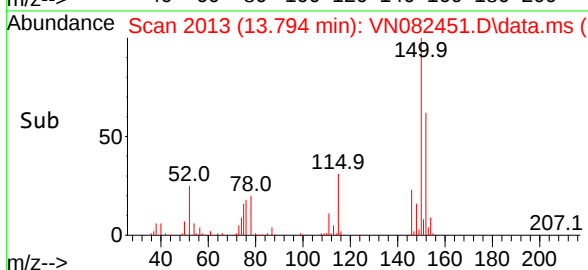
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

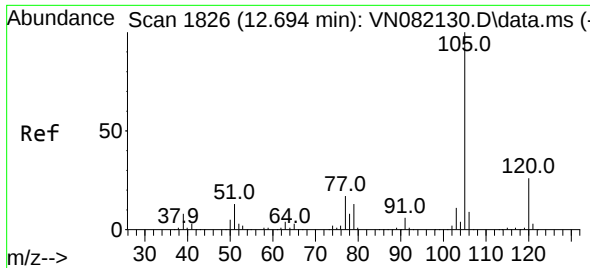


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion:152 Resp: 134993
Ion Ratio Lower Upper
152 100
115 60.1 30.4 91.3
150 172.3 0.0 353.2





#73
Isopropylbenzene
Concen: 51.744 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

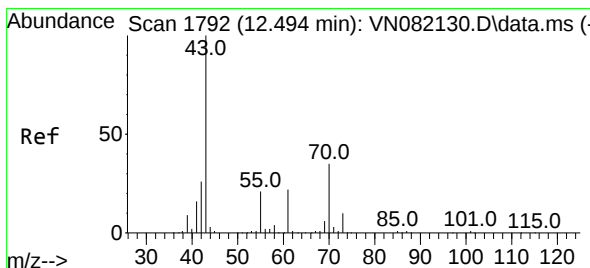
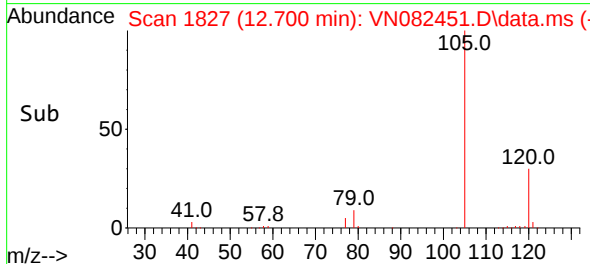
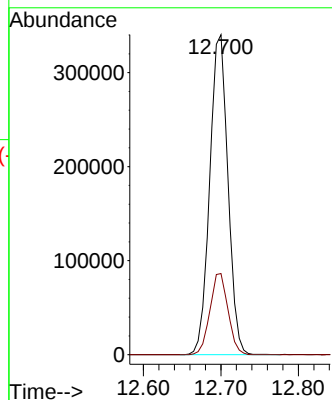
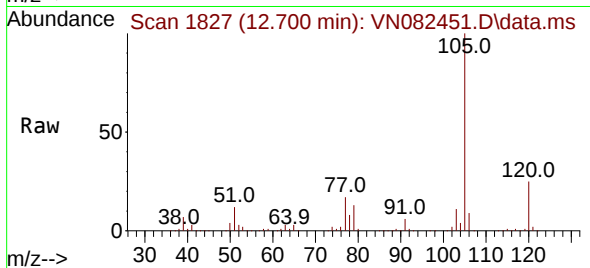
VSTDCCC050

Tgt Ion:105 Resp: 554928
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

Manual Integrations

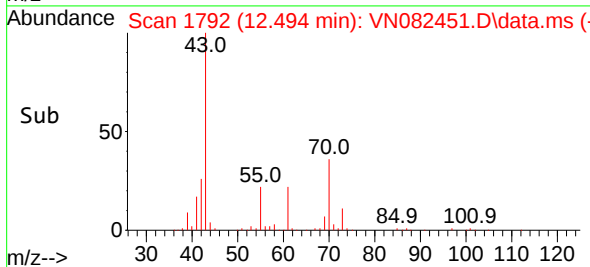
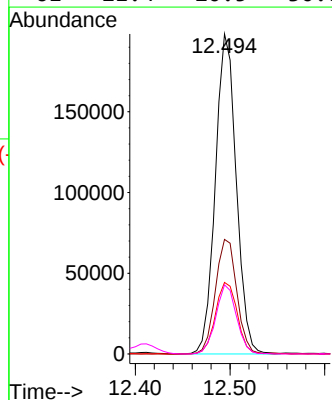
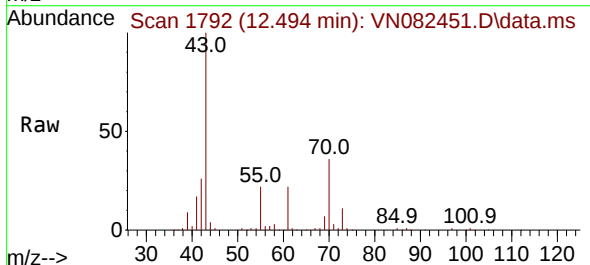
APPROVED

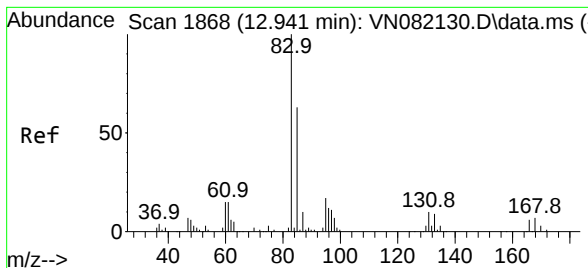
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#74
N-ethyl acetate
Concen: 51.528 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion: 43 Resp: 303964
Ion Ratio Lower Upper
43 100
70 36.6 39.0 58.4#
55 23.4 21.3 31.9
61 21.4 20.5 30.7





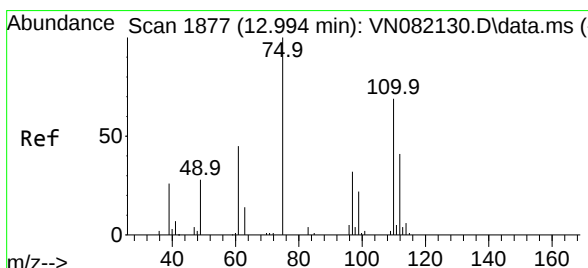
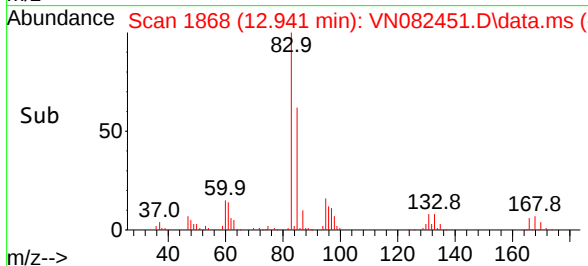
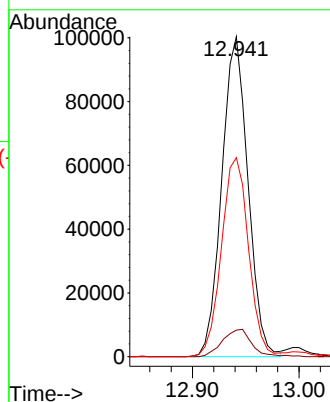
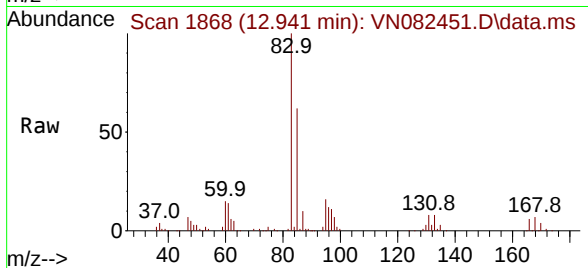
#75
1,1,2,2-Tetrachloroethane
Concen: 55.415 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 17131
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.4
85 64.4 32.9 98.6

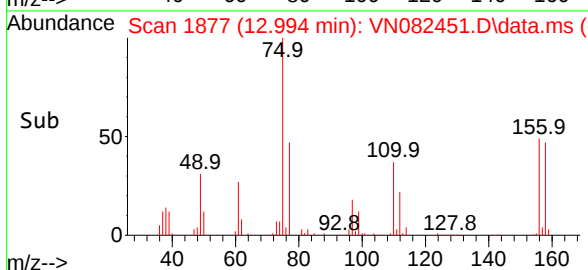
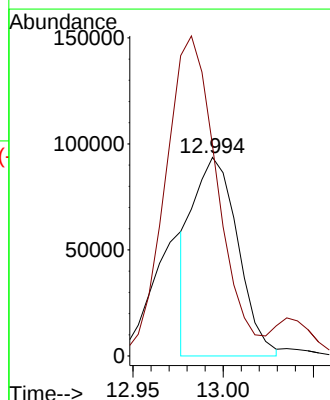
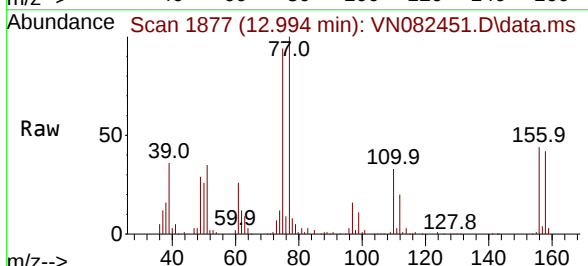
Manual Integrations
APPROVED

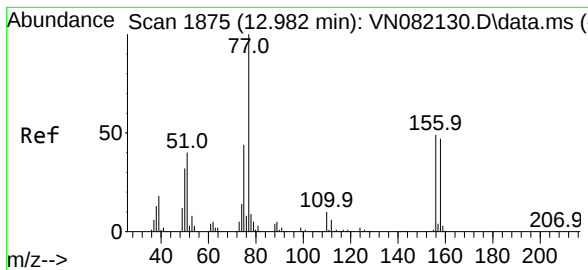
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#76
1,2,3-Trichloropropane
Concen: 57.186 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

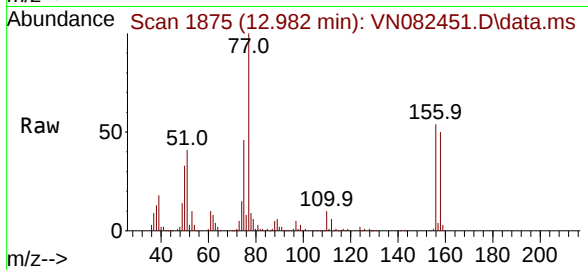
Tgt Ion: 75 Resp: 162482
Ion Ratio Lower Upper
75 100
77 187.7 90.5 271.3





#77
Bromobenzene
Concen: 53.434 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

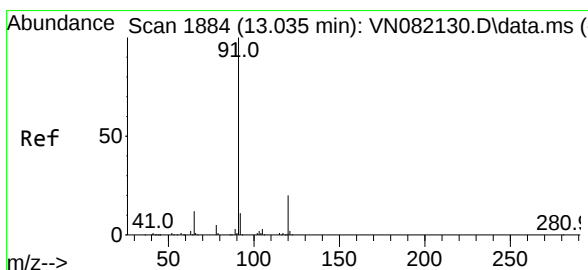
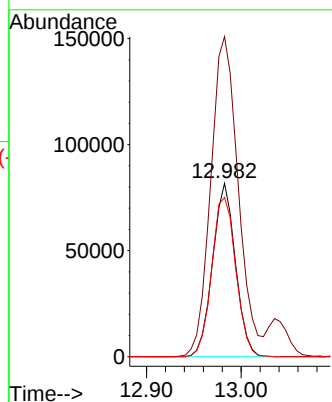
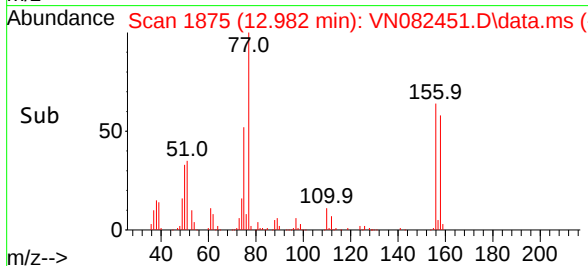
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



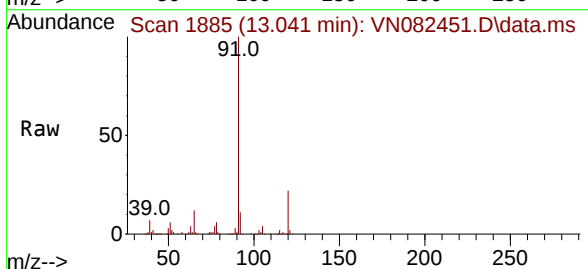
Tgt Ion:156 Resp: 136560
Ion Ratio Lower Upper
156 100
77 223.3 100.2 300.6
158 97.2 49.1 147.3

Manual Integrations
APPROVED

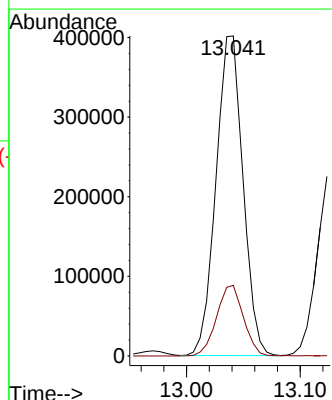
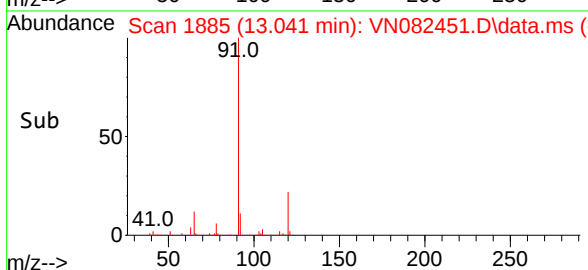
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

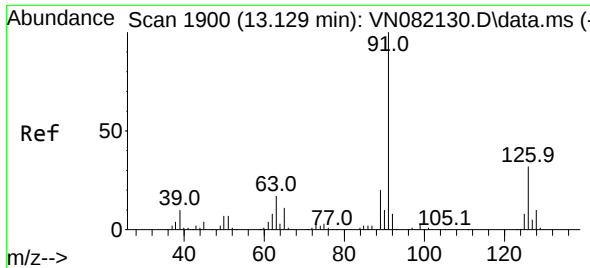


#78
n-propylbenzene
Concen: 52.294 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion: 91 Resp: 664102
Ion Ratio Lower Upper
91 100
120 21.9 11.7 35.0





#79
2-Chlorotoluene
Concen: 50.625 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

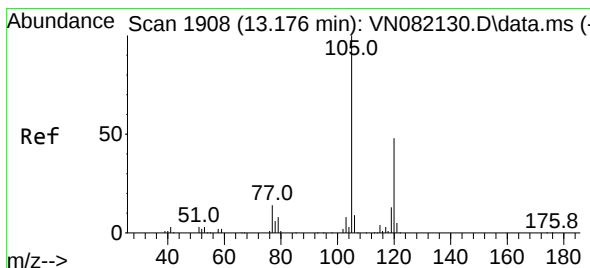
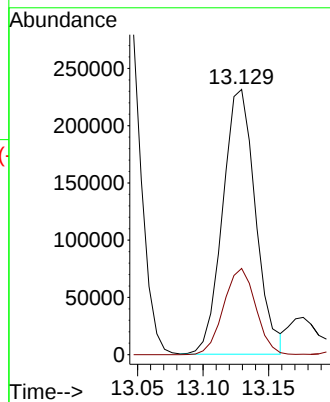
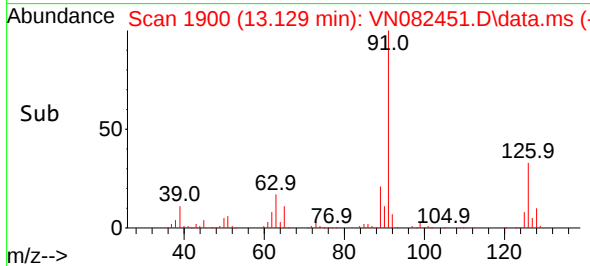
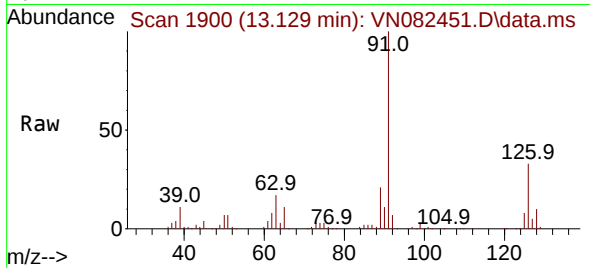
VSTDCCC050

Tgt Ion: 91 Resp: 40371
Ion Ratio Lower Upper
91 100
126 31.8 17.5 52.5

Manual Integrations

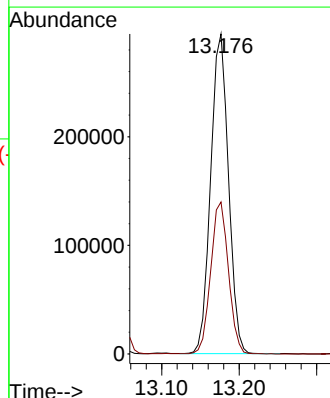
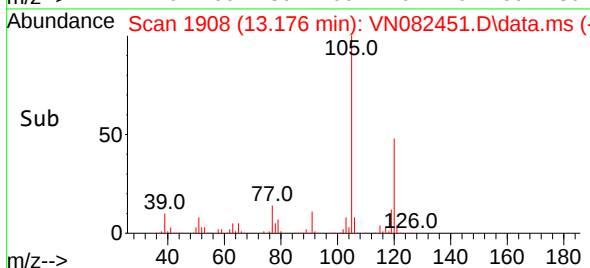
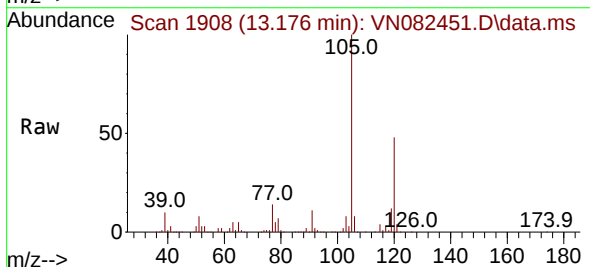
APPROVED

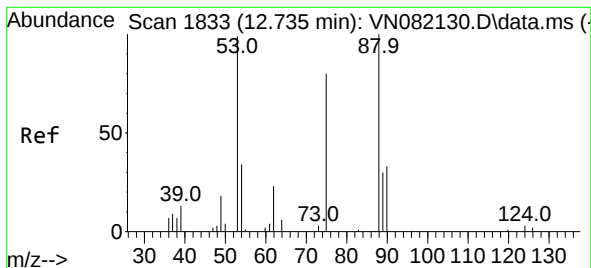
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.133 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

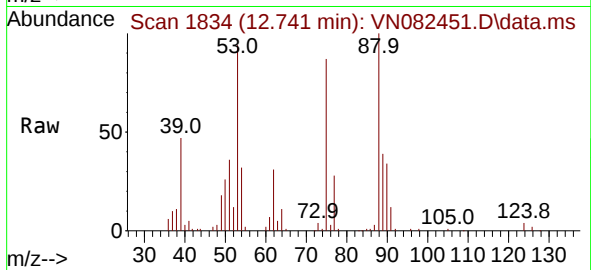
Tgt Ion:105 Resp: 469429
Ion Ratio Lower Upper
105 100
120 47.5 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 55.420 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

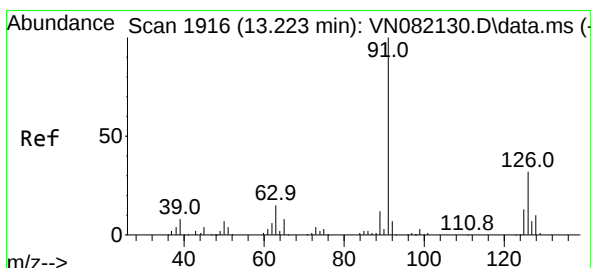
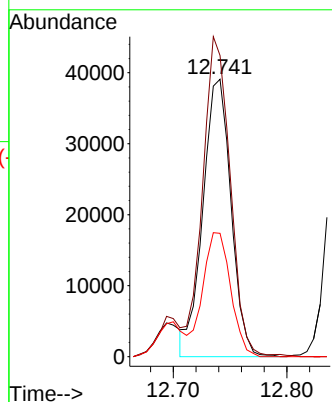
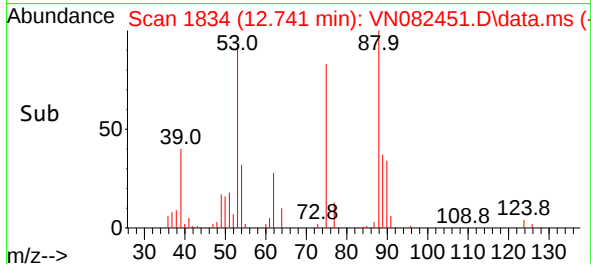
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 6732
Ion Ratio Lower Upper
75 100
53 113.3 72.9 109.3
89 44.3 39.1 58.7

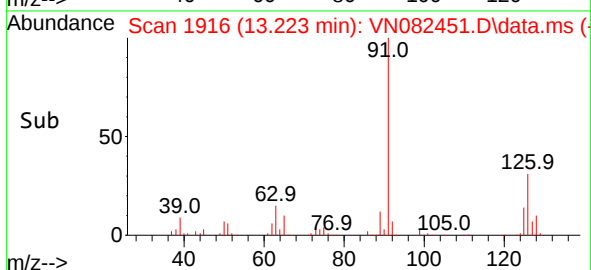
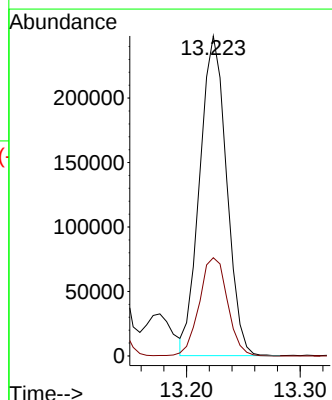
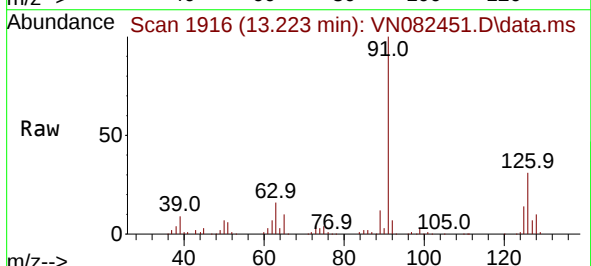
Manual Integrations
APPROVED

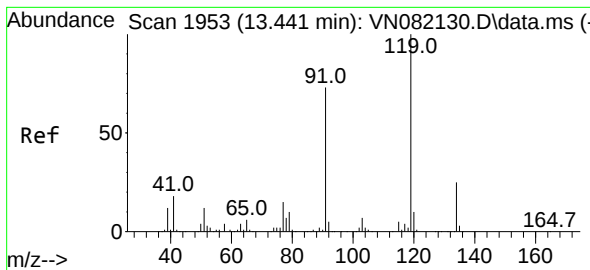
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#82
4-Chlorotoluene
Concen: 52.229 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion: 91 Resp: 407221
Ion Ratio Lower Upper
91 100
126 32.3 17.4 52.3





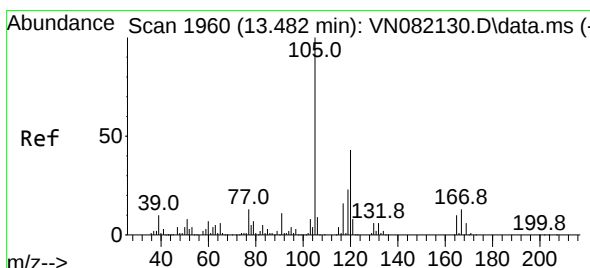
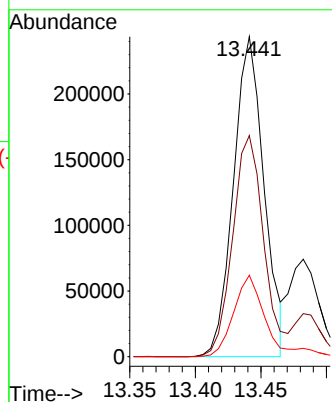
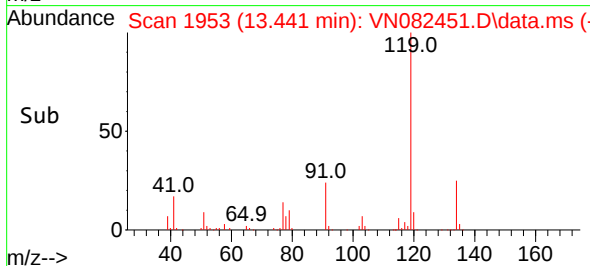
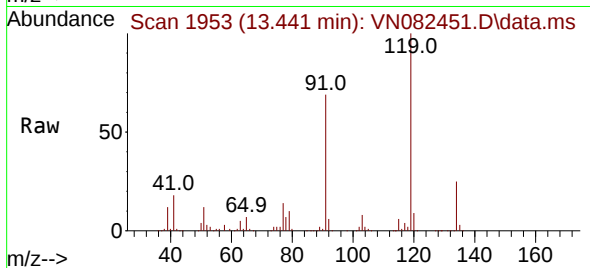
#83
tert-Butylbenzene
Concen: 52.133 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 39550
Ion Ratio Lower Upper
119 100
91 70.5 32.6 97.8
134 26.8 12.4 37.0

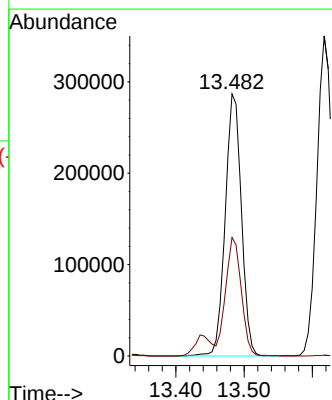
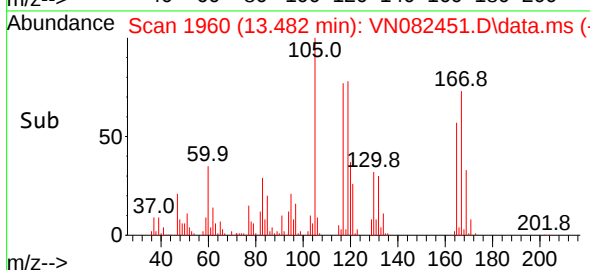
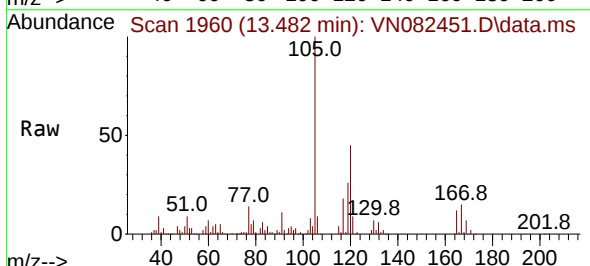
Manual Integrations
APPROVED

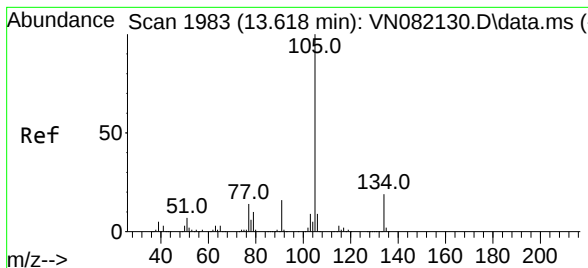
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.435 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion:105 Resp: 474070
Ion Ratio Lower Upper
105 100
120 43.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 53.283 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 560298

Ion Ratio Lower Upper

105 100

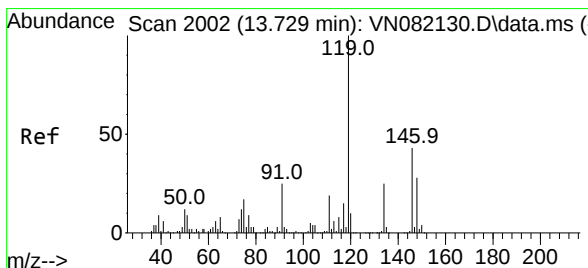
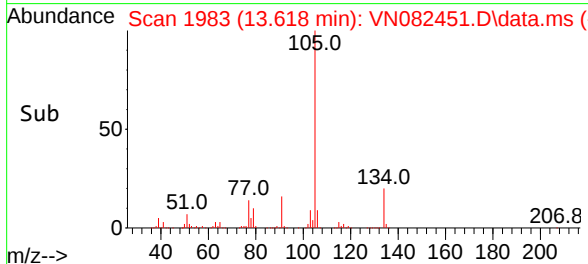
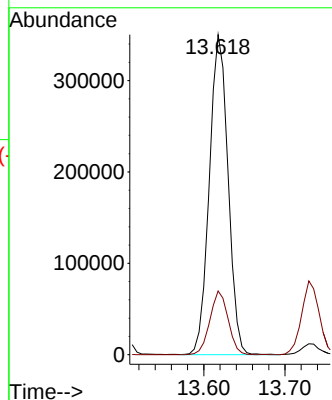
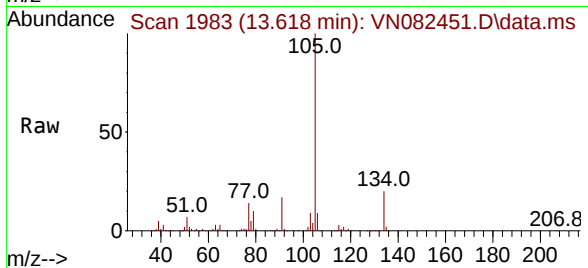
134 19.3 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#86

p-Isopropyltoluene

Concen: 54.451 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

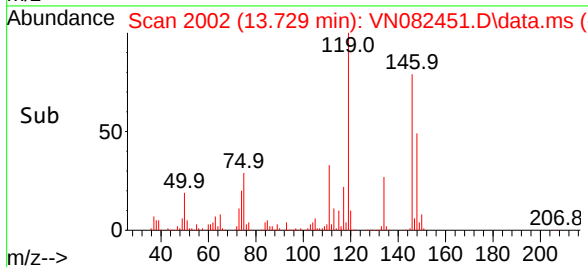
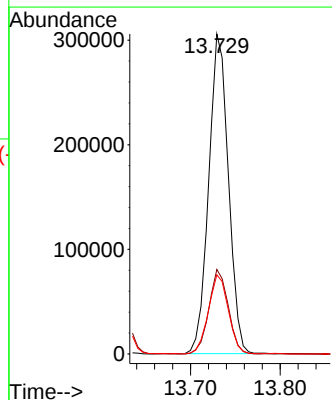
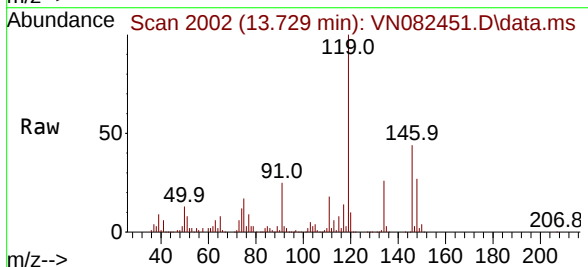
Tgt Ion:119 Resp: 465336

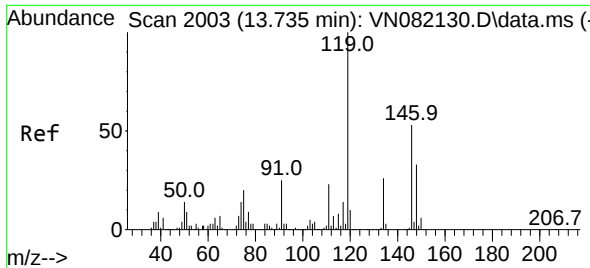
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

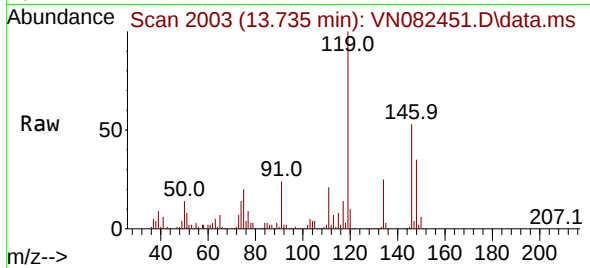
91 24.9 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 54.259 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

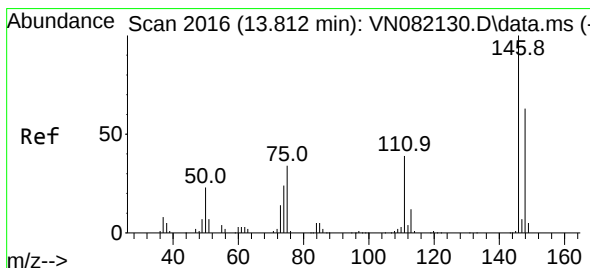
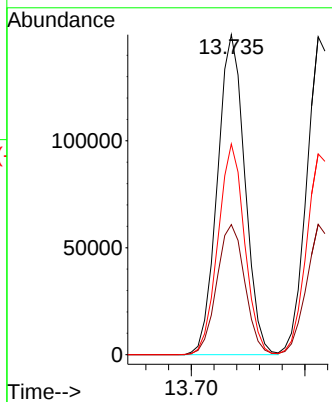
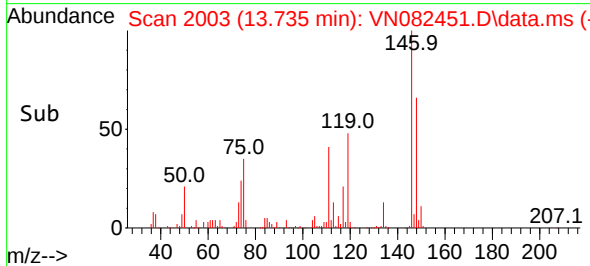
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



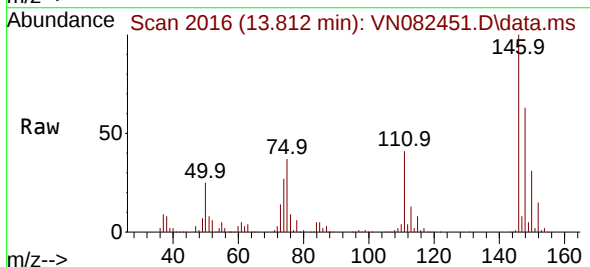
Tgt Ion:146 Resp: 25123
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.5
148 63.8 32.1 96.3

Manual Integrations
APPROVED

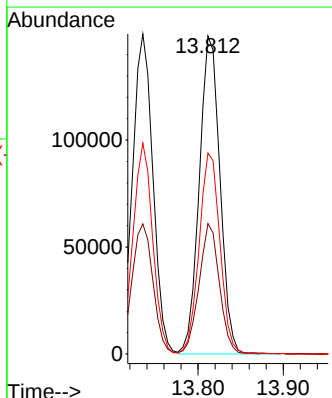
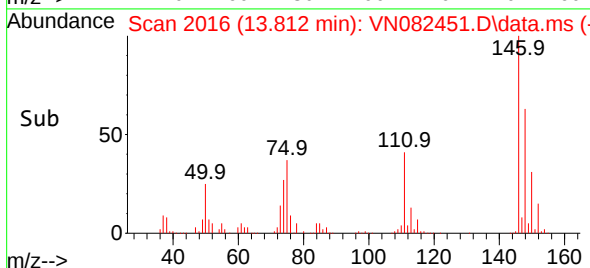
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

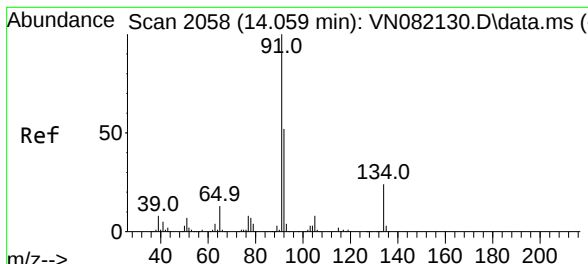


#88
1,4-Dichlorobenzene
Concen: 53.119 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion:146 Resp: 251031
Ion Ratio Lower Upper
146 100
111 39.8 19.3 57.9
148 63.6 31.3 93.9





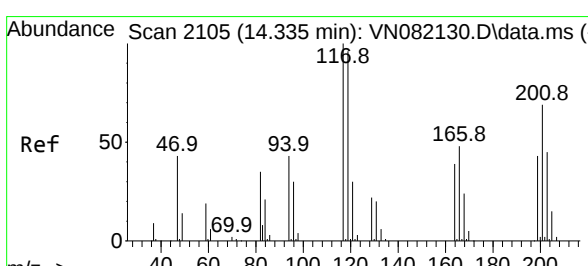
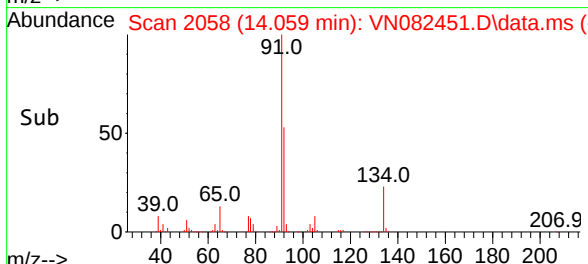
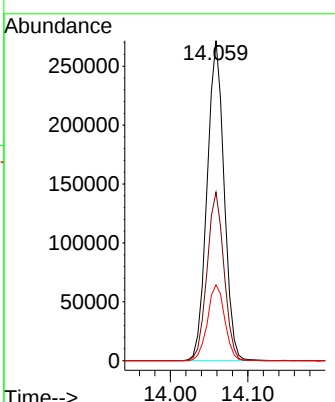
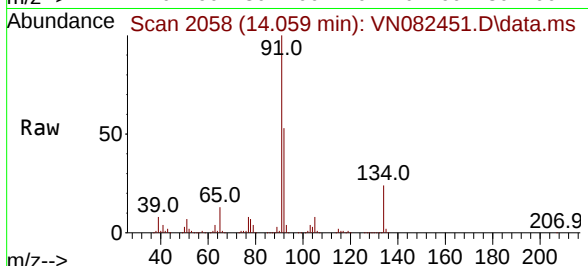
#89
 n-Butylbenzene
 Concen: 53.782 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN082451.D
 Acq: 04 Jun 2024 10:24

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

Tgt Ion:	91	Resp:	41311
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.2	78.5
134	24.1	13.2	39.5

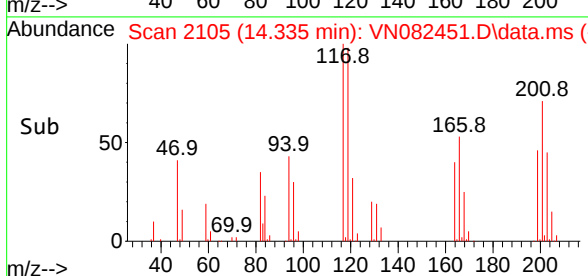
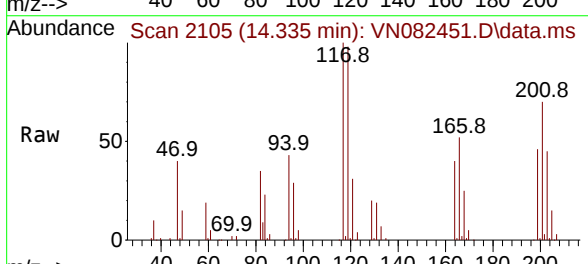
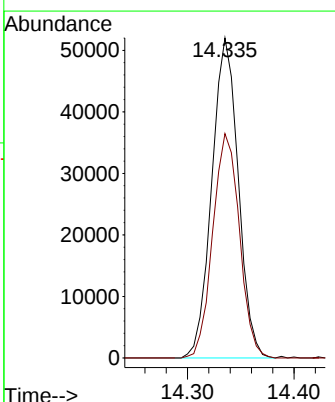
Manual Integrations
 APPROVED

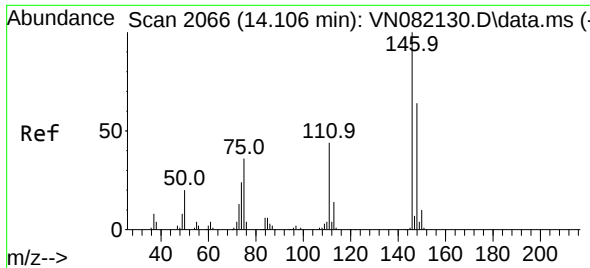
Reviewed By :John Carlone 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#90
 Hexachloroethane
 Concen: 56.615 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN082451.D
 Acq: 04 Jun 2024 10:24

Tgt Ion:	117	Resp:	89642
Ion Ratio	Lower	Upper	
117	100		
201	70.7	33.3	99.8





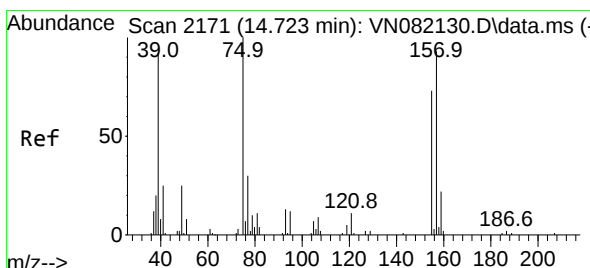
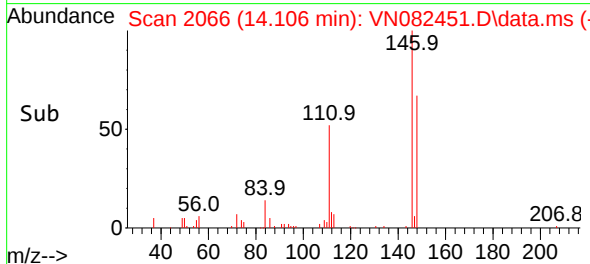
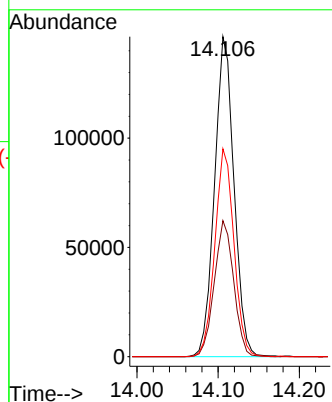
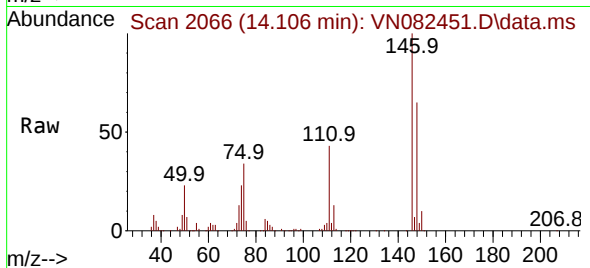
#91
1,2-Dichlorobenzene
Concen: 55.640 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 24386
Ion Ratio Lower Upper
146 100
111 42.4 21.3 64.0
148 63.9 31.8 95.4

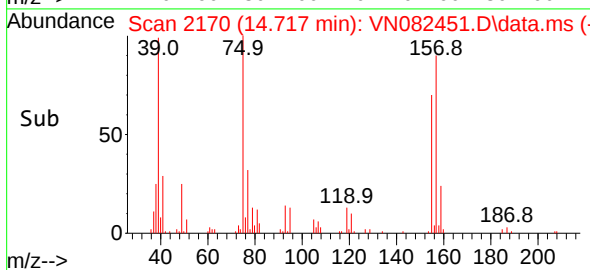
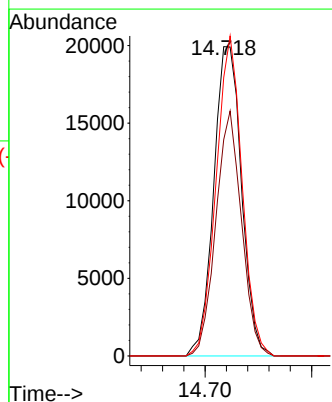
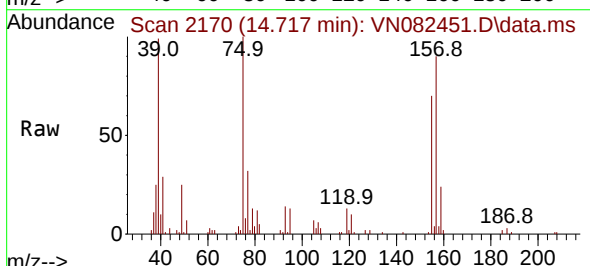
Manual Integrations
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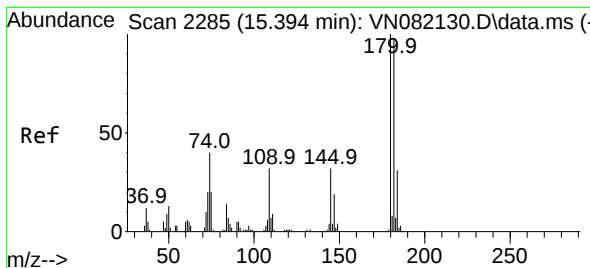
Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.908 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

Tgt Ion: 75 Resp: 36146
Ion Ratio Lower Upper
75 100
155 73.0 42.6 128.0
157 96.4 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 54.268 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082451.D

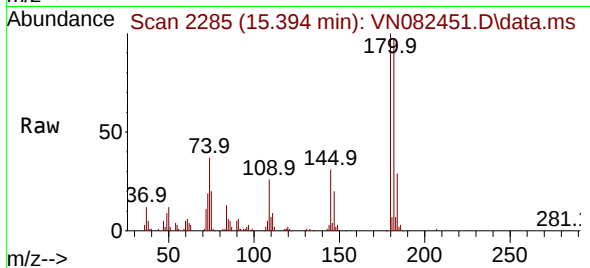
Acq: 04 Jun 2024 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 133324

Ion Ratio Lower Upper

180 100

182 95.1 46.7 140.0

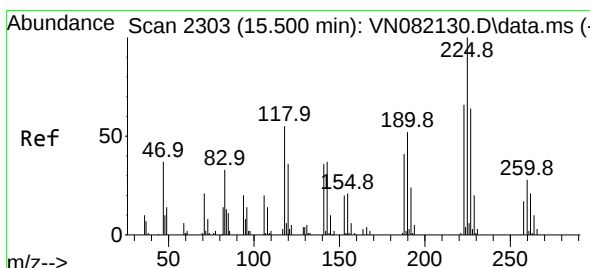
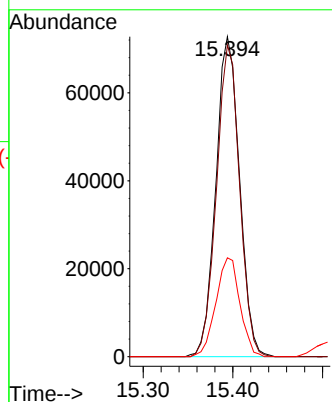
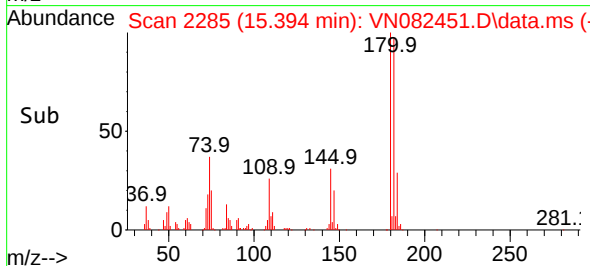
145 31.4 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#94

Hexachlorobutadiene

Concen: 52.803 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082451.D

Acq: 04 Jun 2024 10:24

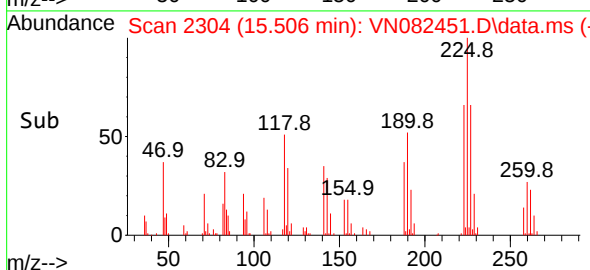
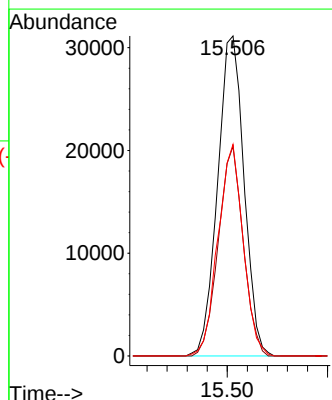
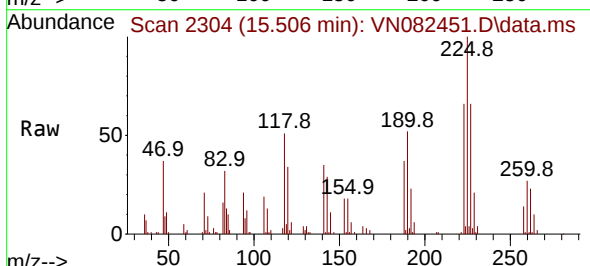
Tgt Ion:225 Resp: 56923

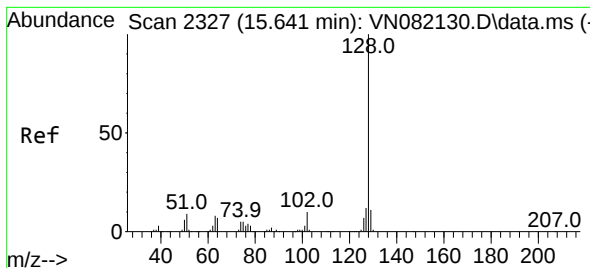
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.2

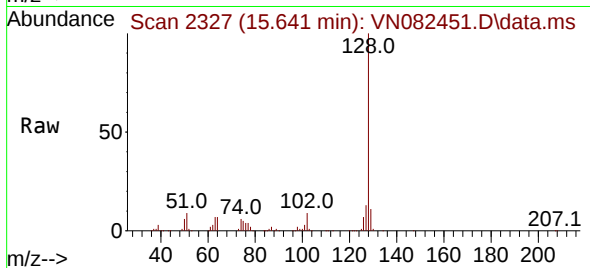
227 62.9 30.6 91.6





#95
Naphthalene
Concen: 58.546 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24

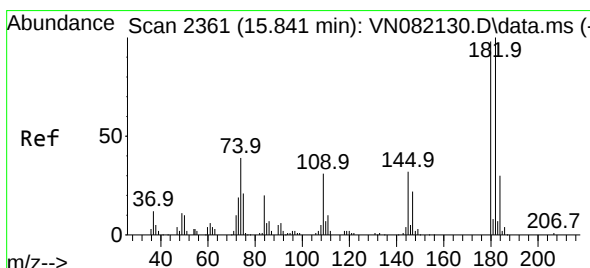
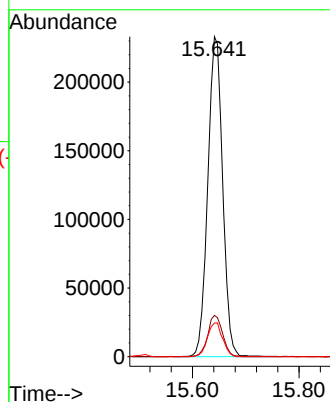
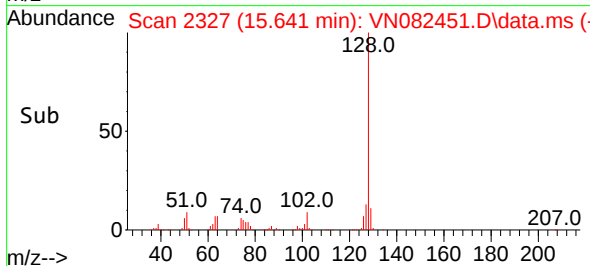
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



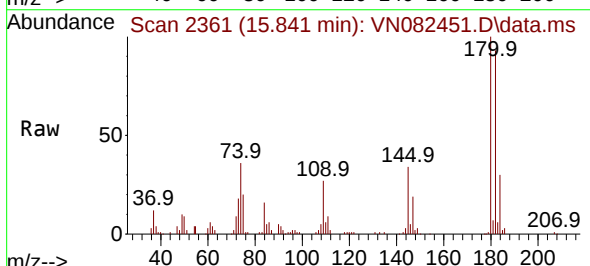
Tgt Ion:128 Resp: 45075
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#96
1,2,3-Trichlorobenzene
Concen: 55.539 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082451.D
Acq: 04 Jun 2024 10:24



Tgt Ion:180 Resp: 136594
Ion Ratio Lower Upper
180 100
182 95.1 46.0 137.8
145 32.7 17.1 51.3

