

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
 Data File : VN082387.D
 Acq On : 30 May 2024 11:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 03:54:34 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 05/31/2024
 Supervised By : Mahesh Dadoda 05/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	287944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	147411	50.141	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	8.165	113	101299	52.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.340%			
50) Toluene-d8	10.565	98	384159	51.599	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	12.847	95	144774	54.481	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	121703	45.338	ug/l	99
3) Chloromethane	2.359	50	122578	40.293	ug/l	99
4) Vinyl Chloride	2.512	62	150506	52.625	ug/l	99
5) Bromomethane	2.947	94	72049	43.829	ug/l	96
6) Chloroethane	3.118	64	86702	46.428	ug/l	94
7) Trichlorofluoromethane	3.494	101	186976	49.927	ug/l	96
8) Diethyl Ether	3.959	74	68019	50.984	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	107682	49.222	ug/l	98
10) Methyl Iodide	4.594	142	111680	50.781	ug/l	90
11) Tert butyl alcohol	5.518	59	106083	224.789	ug/l	100
12) 1,1-Dichloroethene	4.341	96	99684	49.024	ug/l #	78
13) Acrolein	4.177	56	89376	255.570	ug/l	98
14) Allyl chloride	5.024	41	198392	45.571	ug/l #	89
15) Acrylonitrile	5.718	53	300787	246.098	ug/l	99
16) Acetone	4.424	43	268921	222.984	ug/l	94
17) Carbon Disulfide	4.712	76	262062	39.904	ug/l	95
18) Methyl Acetate	5.024	43	154750	51.525	ug/l #	86
19) Methyl tert-butyl Ether	5.788	73	393154	52.897	ug/l	96
20) Methylene Chloride	5.283	84	115944	47.650	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	108412	48.925	ug/l #	83
22) Diisopropyl ether	6.671	45	464697	51.118	ug/l #	92
23) Vinyl Acetate	6.606	43	1821808	254.185	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	236997	50.580	ug/l	97
25) 2-Butanone	7.482	43	427554	233.828	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	202972	51.718	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	135876	51.959	ug/l	82
28) Bromochloromethane	7.812	49	99625	48.870	ug/l #	77
29) Tetrahydrofuran	7.835	42	285820	243.459	ug/l #	84
30) Chloroform	7.971	83	235833	52.707	ug/l	98
31) Cyclohexane	8.259	56	198277	42.227	ug/l	85
32) 1,1,1-Trichloroethane	8.165	97	211847	53.368	ug/l	92
36) 1,1-Dichloropropene	8.371	75	165006	50.664	ug/l	96
37) Ethyl Acetate	7.559	43	182918	50.186	ug/l #	94
38) Carbon Tetrachloride	8.365	117	180393	54.640	ug/l	99
39) Methylcyclohexane	9.600	83	173972	48.732	ug/l #	89
40) Benzene	8.606	78	495795	51.050	ug/l	100

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Quant Time: May 31 03:54:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	107365	50.087	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	194763	52.142	ug/l	95
43) Isopropyl Acetate	8.688	43	341870	52.934	ug/l #	89
44) Trichloroethene	9.353	130	112769	51.116	ug/l	92
45) 1,2-Dichloropropane	9.623	63	129610	51.724	ug/l	97
46) Dibromomethane	9.706	93	86760	52.737	ug/l	99
47) Bromodichloromethane	9.888	83	193418	55.691	ug/l	95
48) Methyl methacrylate	9.682	41	156106	50.726	ug/l #	83
49) 1,4-Dioxane	9.700	88	43915	1018.363	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	955826	260.482	ug/l	90
52) Toluene	10.629	92	318835	54.705	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	199392	55.511	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	207943	54.692	ug/l #	80
55) 1,1,2-Trichloroethane	11.017	97	115505	54.535	ug/l	98
56) Ethyl methacrylate	10.876	69	202787	56.393	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	208876	52.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	502680	271.016	ug/l	92
59) 2-Hexanone	11.194	43	696270	259.145	ug/l	90
60) Dibromochloromethane	11.359	129	138696	59.339	ug/l	100
61) 1,2-Dibromoethane	11.470	107	117299	53.919	ug/l	98
64) Tetrachloroethene	11.106	164	111078	52.046	ug/l	96
65) Chlorobenzene	11.894	112	336659	52.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	118906	56.749	ug/l	99
67) Ethyl Benzene	11.964	91	616057	54.139	ug/l	96
68) m/p-Xylenes	12.070	106	461547	110.669	ug/l	94
69) o-Xylene	12.400	106	223723	55.379	ug/l	93
70) Styrene	12.411	104	386948	57.665	ug/l	97
71) Bromoform	12.576	173	93301	55.903	ug/l #	99
73) Isopropylbenzene	12.694	105	579430	52.003	ug/l	98
74) N-amyl acetate	12.494	43	298140	48.645	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	163051	50.764	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	152933m	51.807	ug/l	
77) Bromobenzene	12.982	156	138907	52.312	ug/l	91
78) n-propylbenzene	13.035	91	691931	52.442	ug/l	96
79) 2-Chlorotoluene	13.123	91	418195	50.475	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	483349	53.648	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	63979	50.693	ug/l #	73
82) 4-Chlorotoluene	13.223	91	422642	52.173	ug/l	94
83) tert-Butylbenzene	13.441	119	410111	52.031	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	486653	52.796	ug/l	96
85) sec-Butylbenzene	13.617	105	582174	53.287	ug/l	97
86) p-Isopropyltoluene	13.729	119	484242	54.538	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	252921	52.575	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	252856	51.499	ug/l	98
89) n-Butylbenzene	14.058	91	432498	54.195	ug/l	98
90) Hexachloroethane	14.335	117	89817	54.598	ug/l	95
91) 1,2-Dichlorobenzene	14.105	146	242330	53.216	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34662	52.525	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	134177	52.567	ug/l	99
94) Hexachlorobutadiene	15.500	225	54589	48.739	ug/l	95
95) Naphthalene	15.641	128	432413	54.057	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	132570	51.881	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

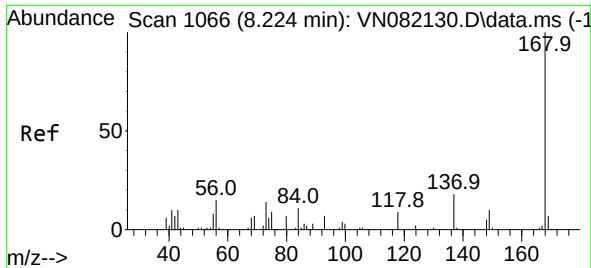
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

Quant Time: May 31 03:54:34 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

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

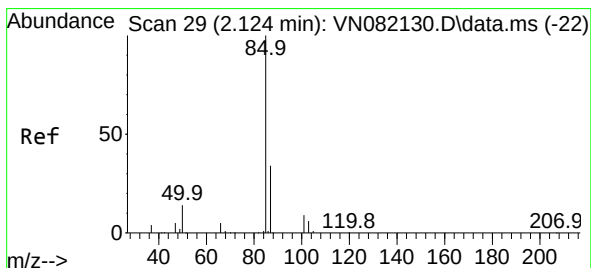
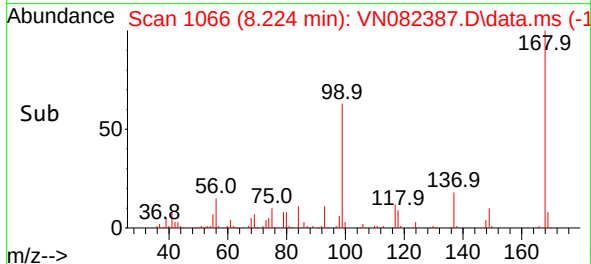
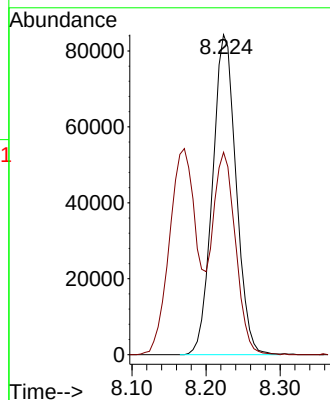
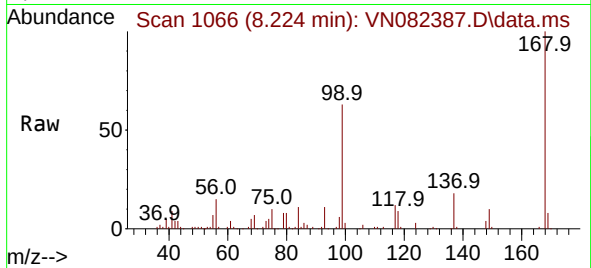
Tgt Ion:168 Resp: 186180
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4

Manual Integrations

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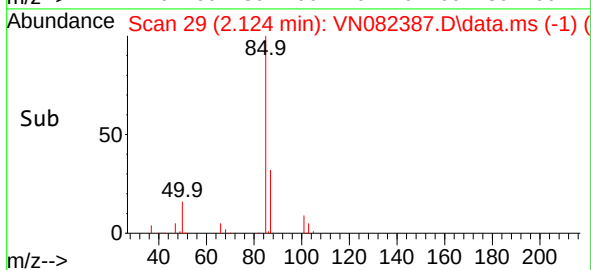
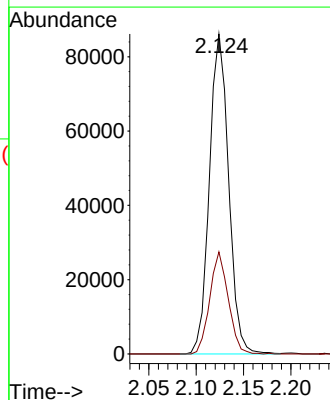
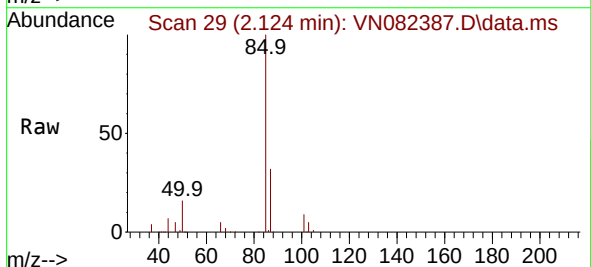
Reviewed By :John Carlone 05/31/2024

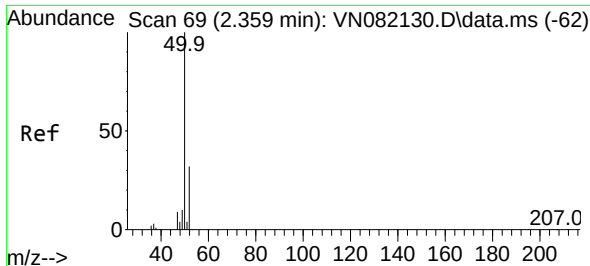
Supervised By :Mahesh Dadoda 05/31/2024



#2
Dichlorodifluoromethane
Concen: 45.338 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

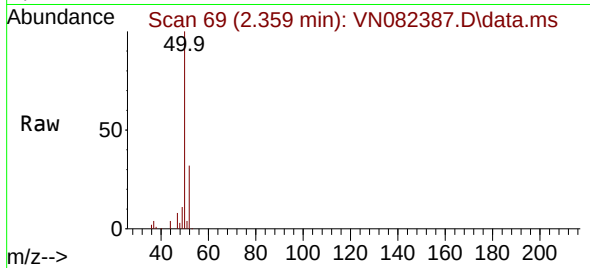
Tgt Ion: 85 Resp: 121703
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 40.293 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

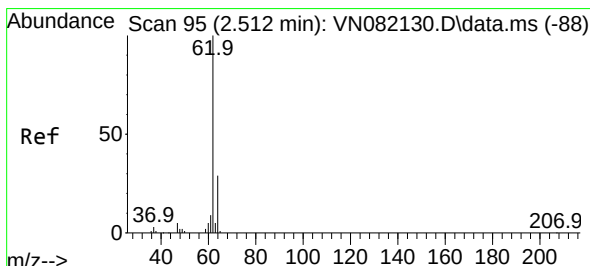
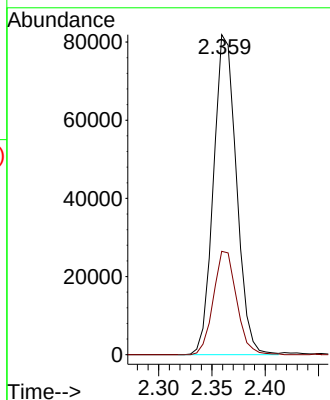
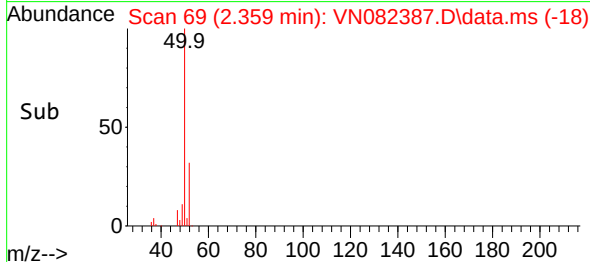
Instrument :
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VSTDCCC050



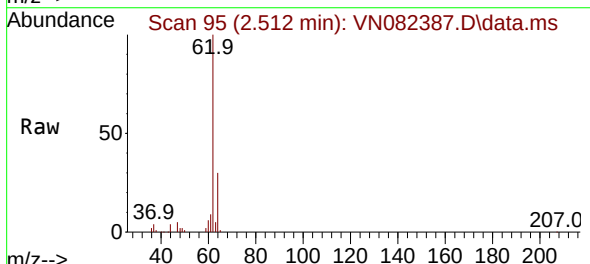
Tgt Ion: 50 Resp: 122578
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

Manual Integrations
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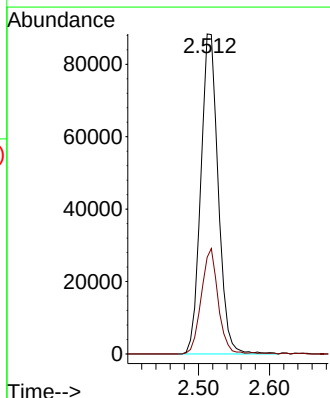
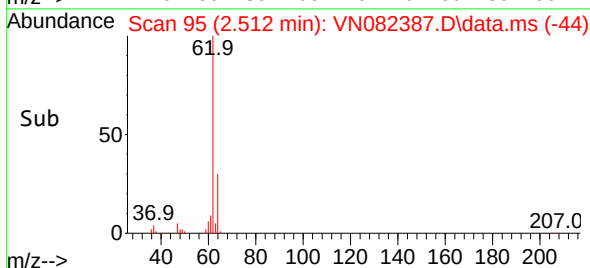
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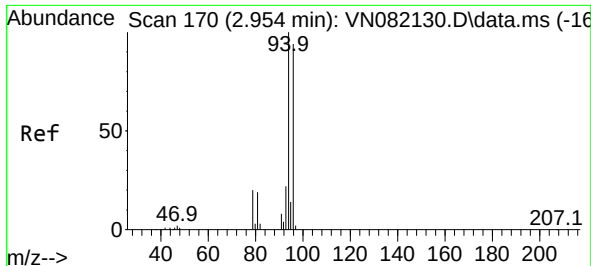


#4
Vinyl Chloride
Concen: 52.625 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



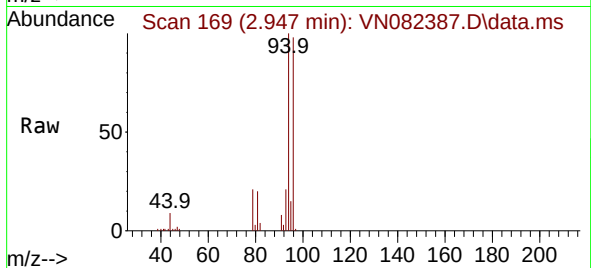
Tgt Ion: 62 Resp: 150506
Ion Ratio Lower Upper
62 100
64 30.2 24.6 37.0





#5
Bromomethane
Concen: 43.829 ug/l
RT: 2.947 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN082387.D
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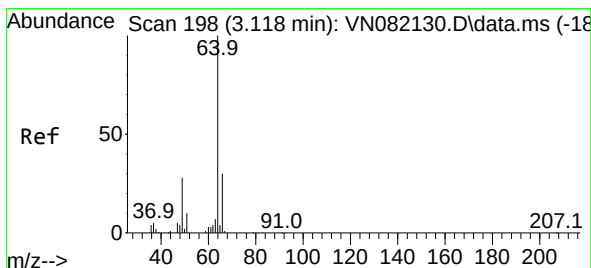
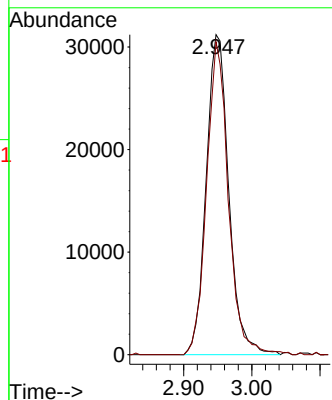
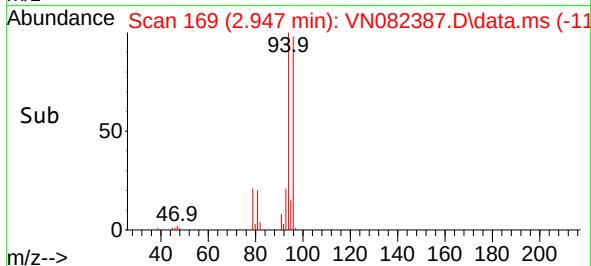
Instrument :
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Tgt Ion: 94 Resp: 72049
Ion Ratio Lower Upper
94 100
96 97.8 74.8 112.2

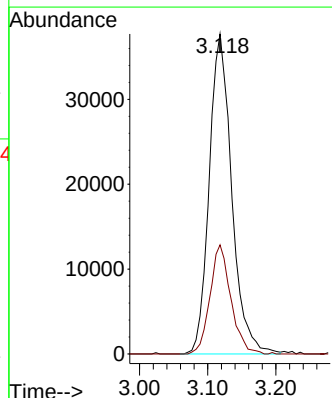
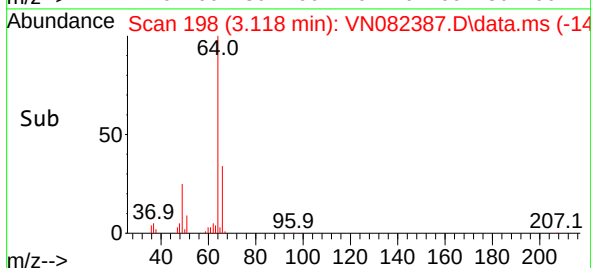
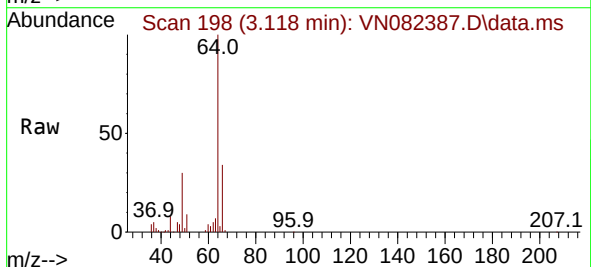
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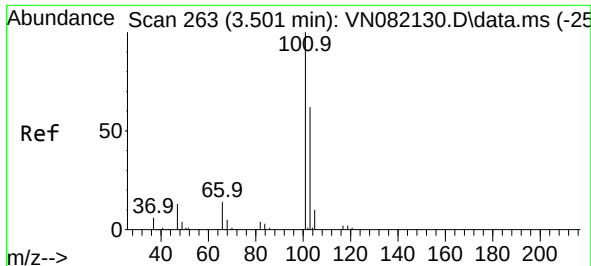
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#6
Chloroethane
Concen: 46.428 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Tgt Ion: 64 Resp: 86702
Ion Ratio Lower Upper
64 100
66 34.1 24.7 37.1





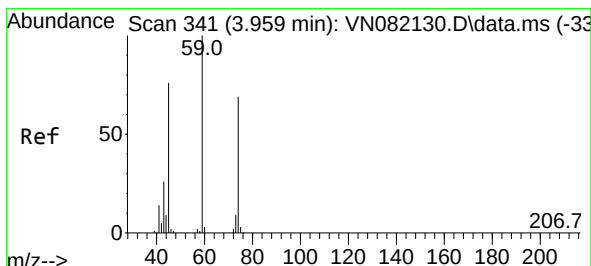
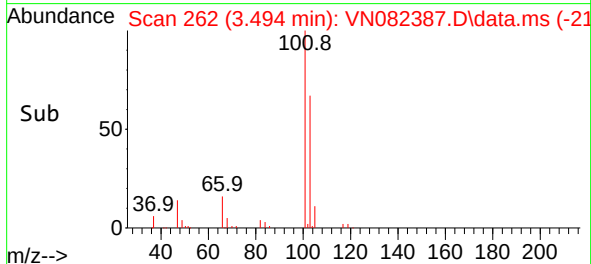
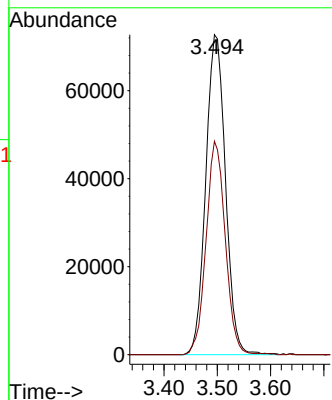
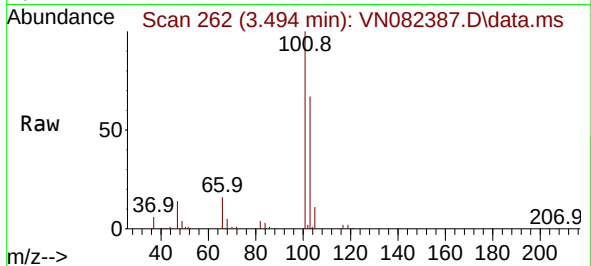
#7
Trichlorofluoromethane
Concen: 49.927 ug/l
RT: 3.494 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 186970
Ion Ratio Lower Upper
101 100
103 66.7 50.6 75.8

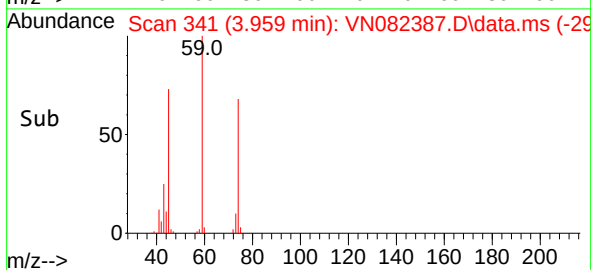
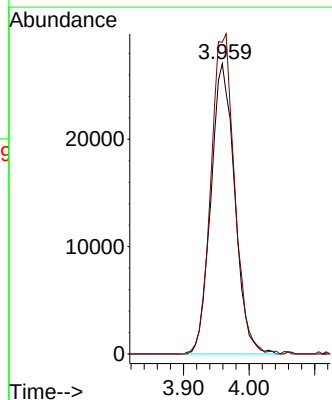
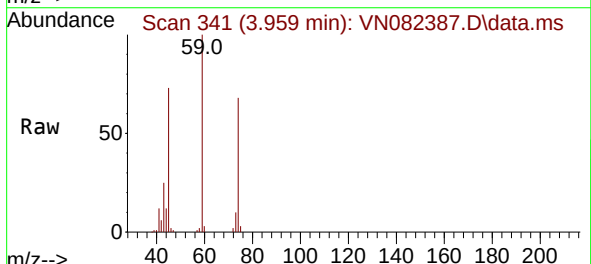
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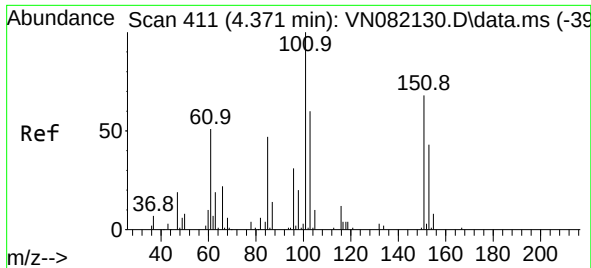
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#8
Diethyl Ether
Concen: 50.984 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Tgt Ion: 74 Resp: 68019
Ion Ratio Lower Upper
74 100
45 110.1 42.4 127.3





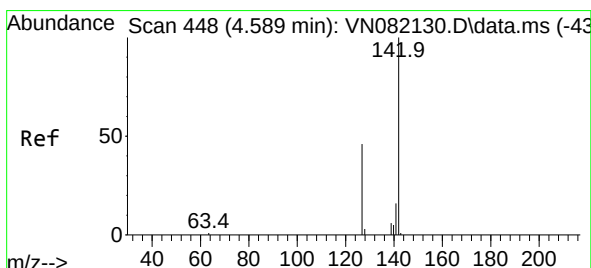
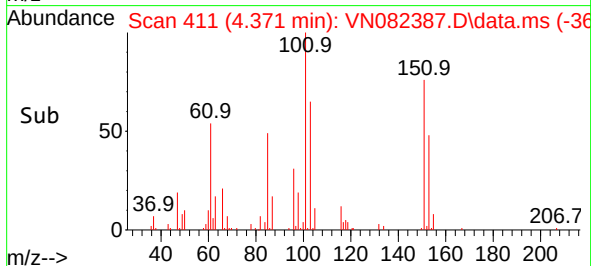
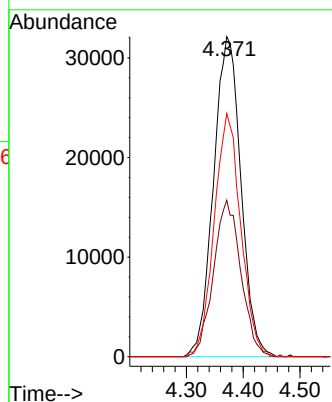
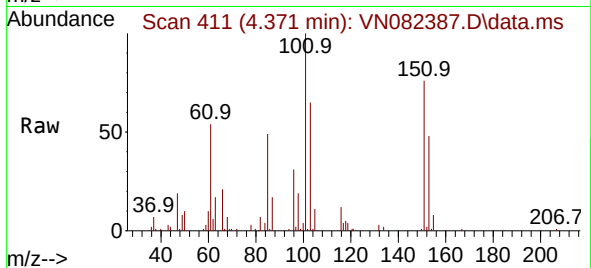
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.222 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10768
Ion Ratio Lower Upper
101 100
85 48.8 37.3 55.9
151 73.5 59.2 88.8

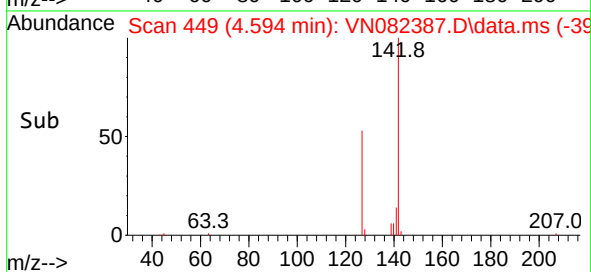
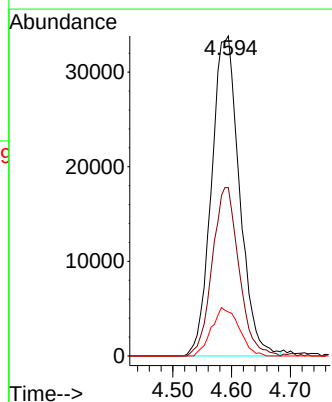
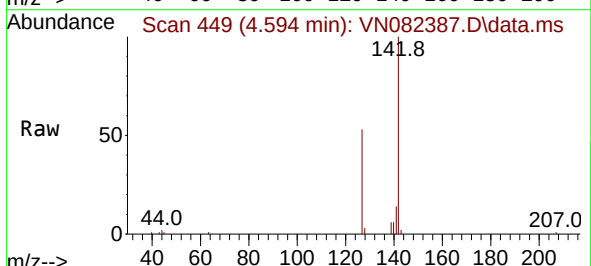
Manual Integrations
APPROVED

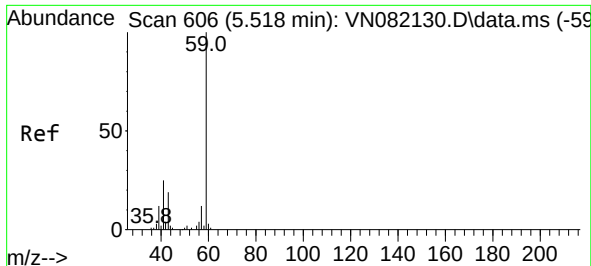
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#10
Methyl Iodide
Concen: 50.781 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

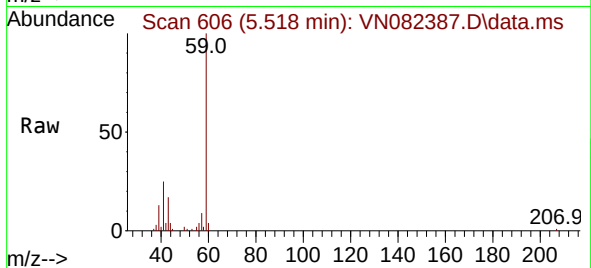
Tgt Ion:142 Resp: 111680
Ion Ratio Lower Upper
142 100
127 52.6 35.8 53.6
141 13.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 224.789 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

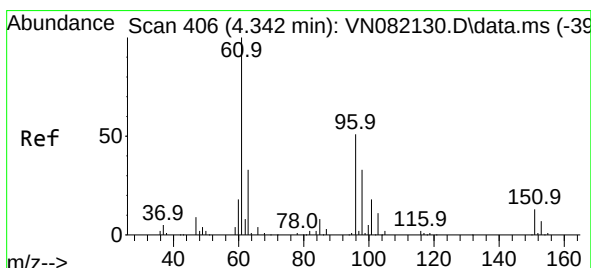
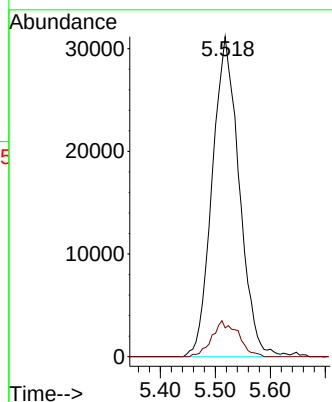
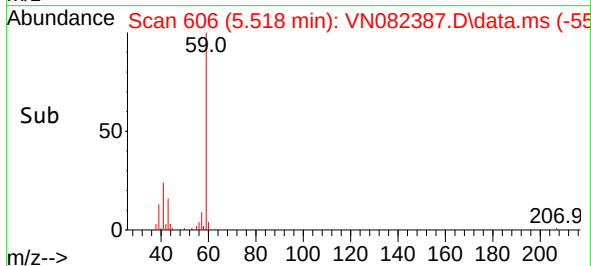
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



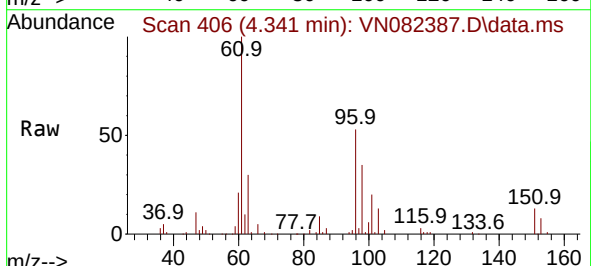
Tgt Ion: 59 Resp: 106083
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

Manual Integrations
APPROVED

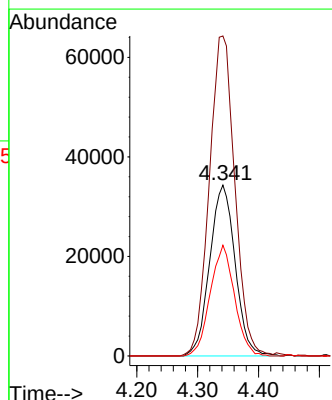
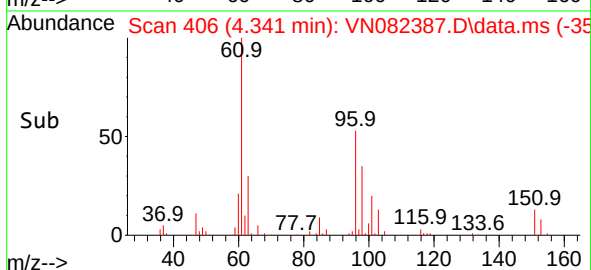
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

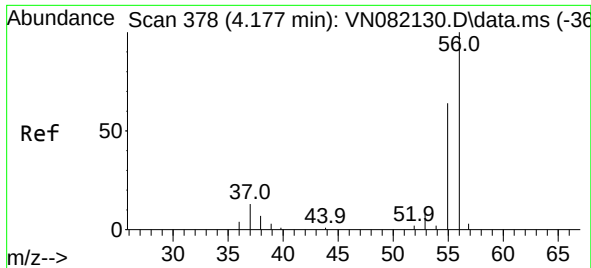


#12
1,1-Dichloroethene
Concen: 49.024 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



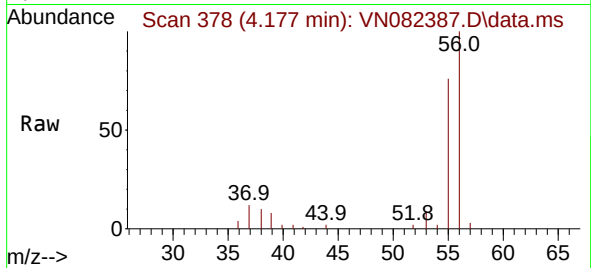
Tgt Ion: 96 Resp: 99684
Ion Ratio Lower Upper
96 100
61 187.2 119.7 179.5#
98 64.8 49.6 74.4





#13
Acrolein
Concen: 255.570 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

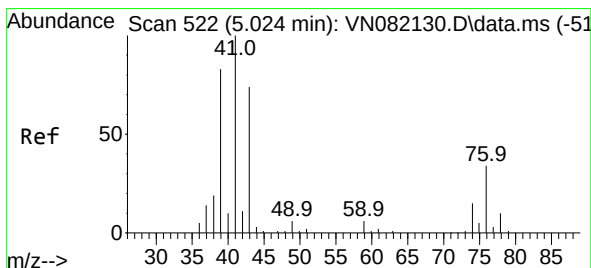
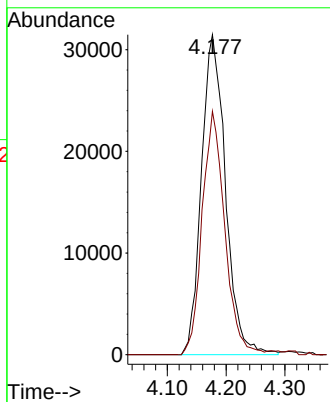
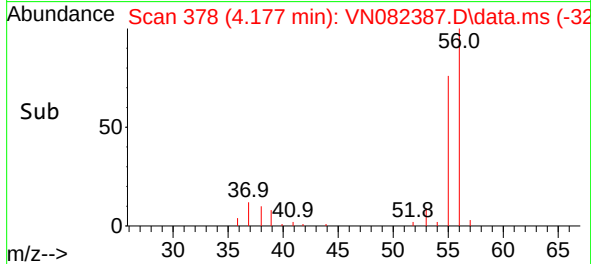
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



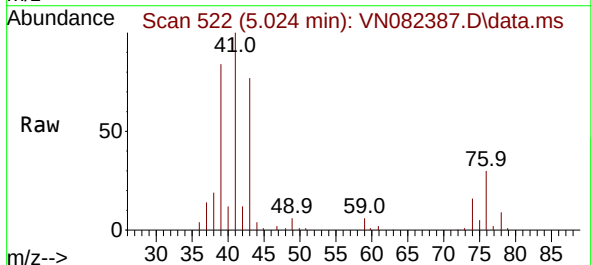
Tgt Ion: 56 Resp: 89370
Ion Ratio Lower Upper
56 100
55 71.4 55.8 83.8

Manual Integrations
APPROVED

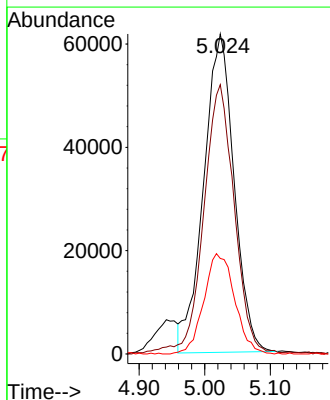
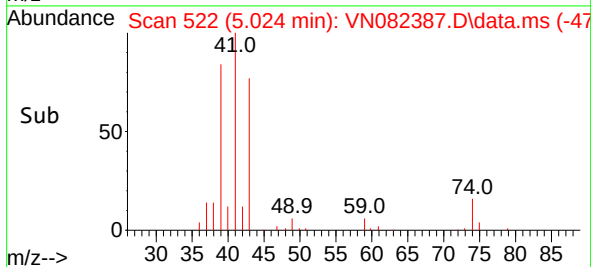
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

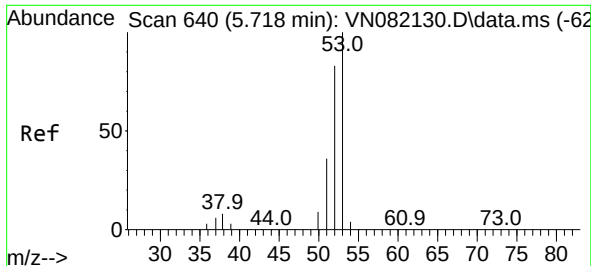


#14
Allyl chloride
Concen: 45.571 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



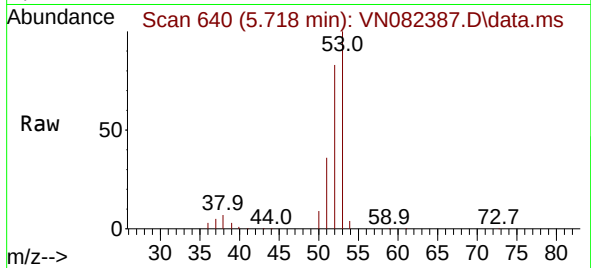
Tgt Ion: 41 Resp: 198392
Ion Ratio Lower Upper
41 100
39 85.5 65.4 98.0
76 32.0 37.3 55.9#





#15
Acrylonitrile
Concen: 246.098 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

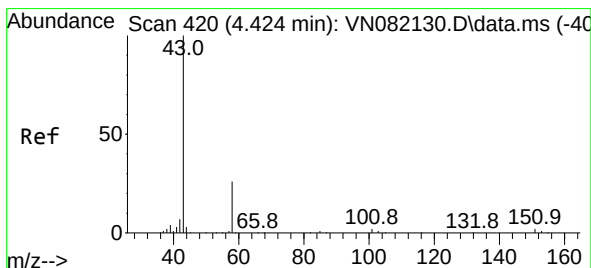
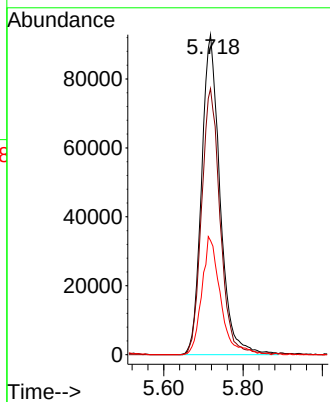
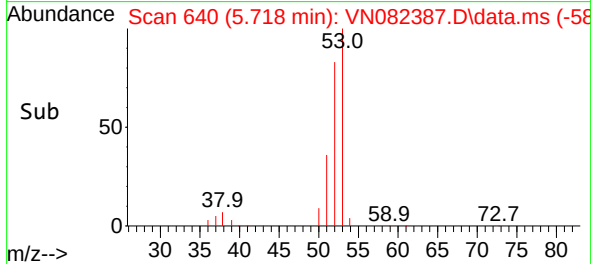
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 30078
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 37.5 29.4 44.2

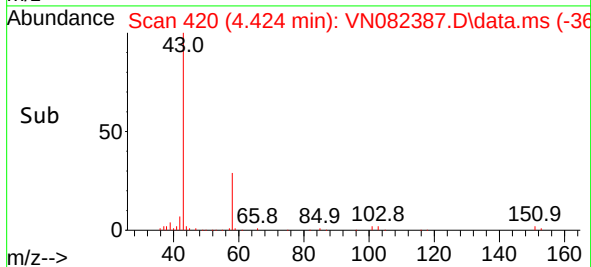
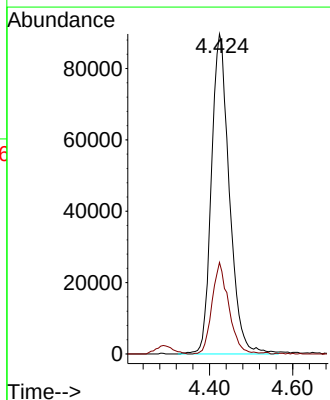
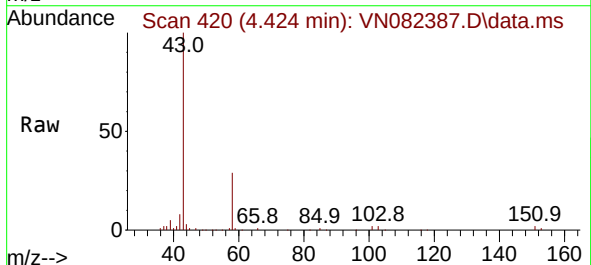
Manual Integrations
APPROVED

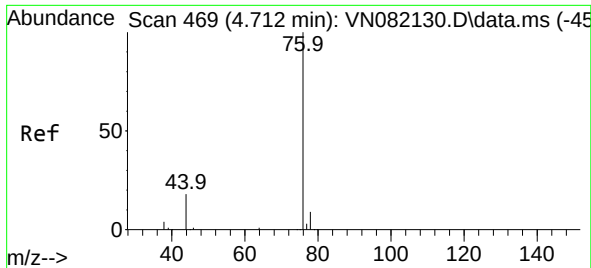
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#16
Acetone
Concen: 222.984 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

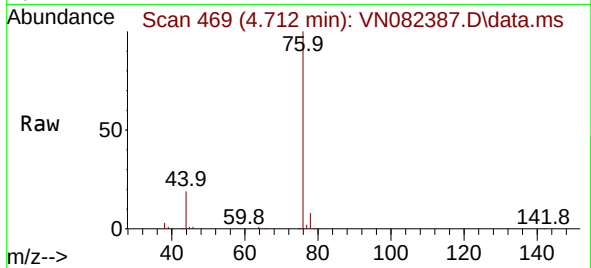
Tgt Ion: 43 Resp: 268921
Ion Ratio Lower Upper
43 100
58 28.4 25.2 37.8





#17
Carbon Disulfide
Concen: 39.904 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

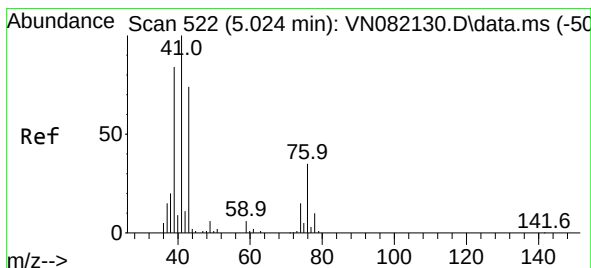
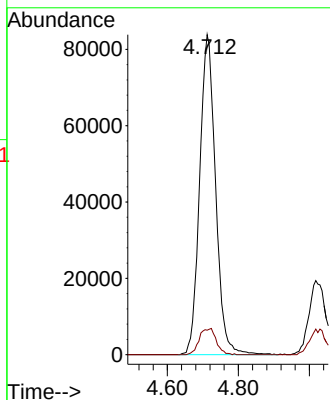
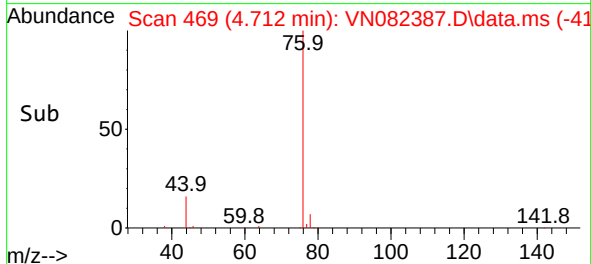
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 262062
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3

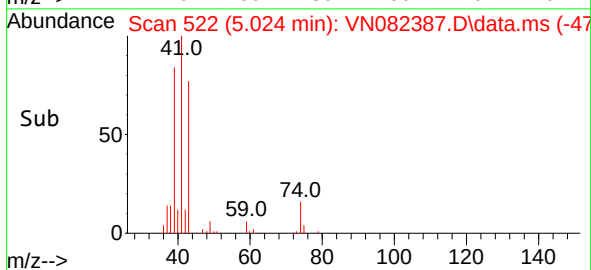
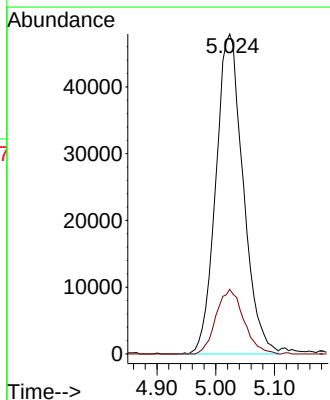
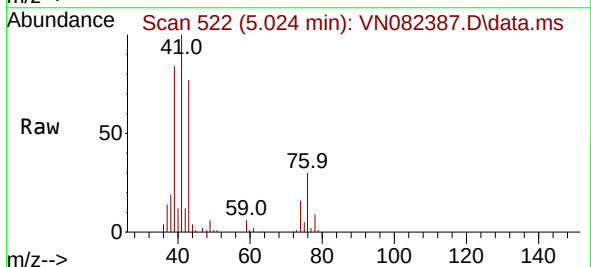
Manual Integrations
APPROVED

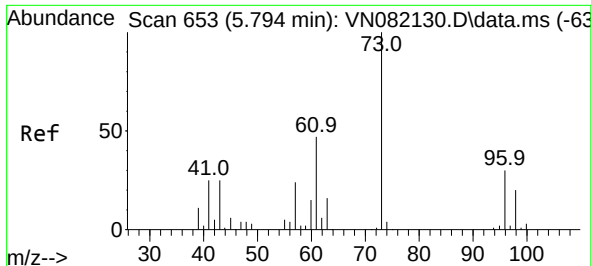
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#18
Methyl Acetate
Concen: 51.525 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Tgt Ion: 43 Resp: 154750
Ion Ratio Lower Upper
43 100
74 20.4 22.2 33.2#





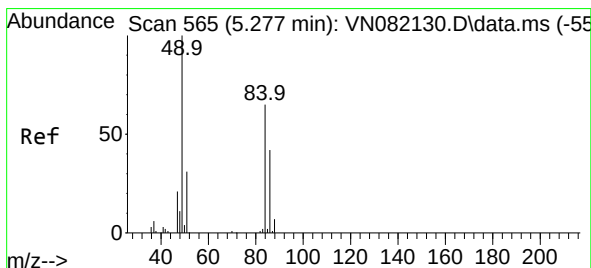
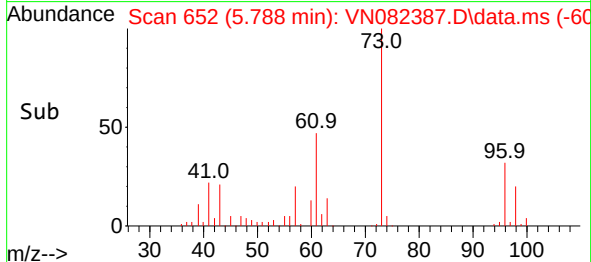
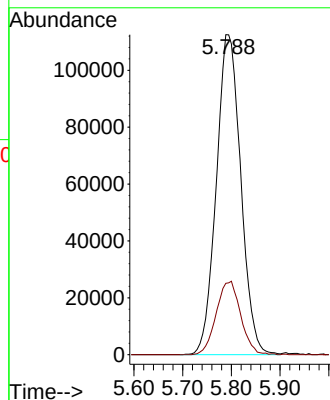
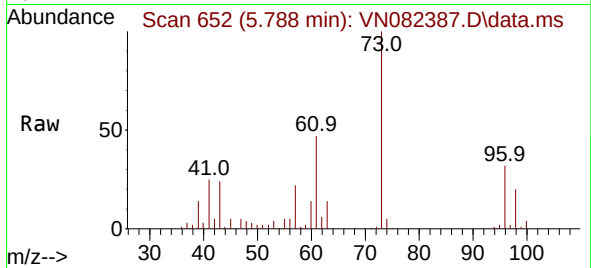
#19
Methyl tert-butyl Ether
Concen: 52.897 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 393154
Ion Ratio Lower Upper
73 100
57 22.3 16.5 24.7

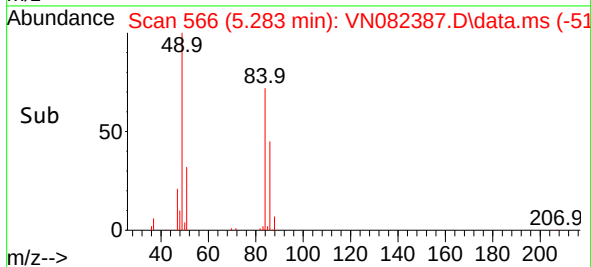
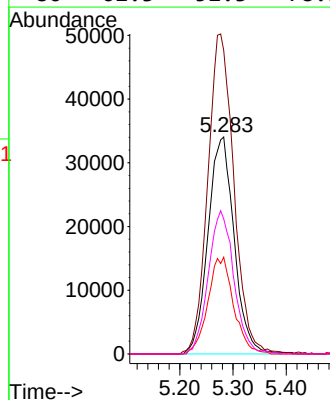
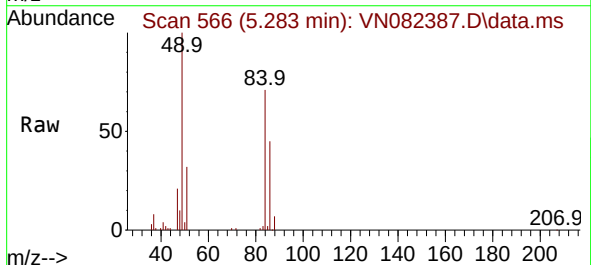
Manual Integrations
APPROVED

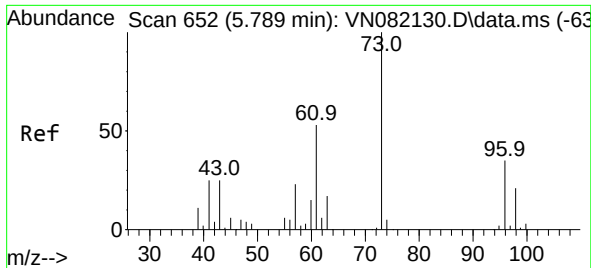
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#20
Methylene Chloride
Concen: 47.650 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

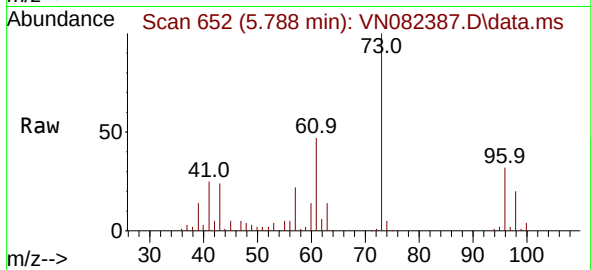
Tgt Ion: 84 Resp: 115944
Ion Ratio Lower Upper
84 100
49 139.9 84.9 127.3#
51 44.6 27.0 40.6#
86 62.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 48.925 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

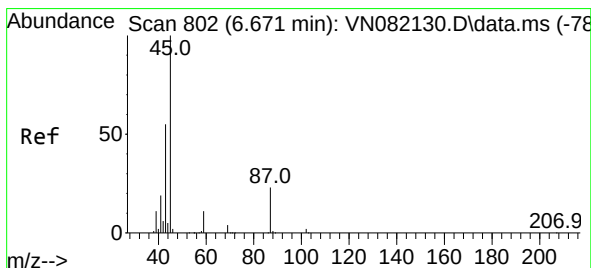
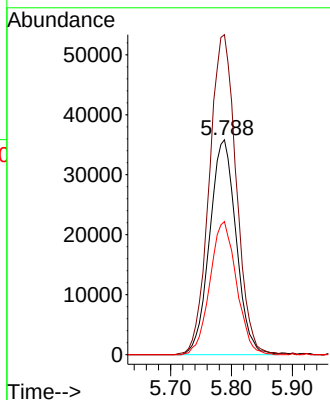
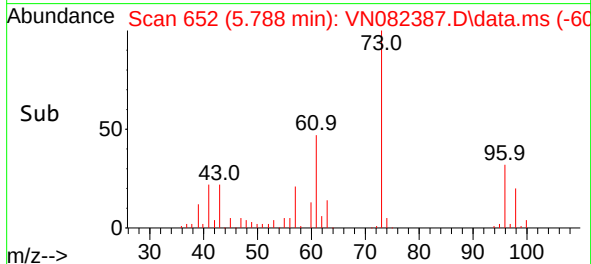
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



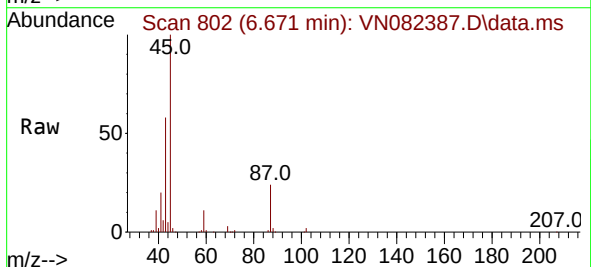
Tgt Ion: 96 Resp: 108412
Ion Ratio Lower Upper
96 100
61 148.5 96.5 144.7
98 62.0 51.3 76.9

Manual Integrations
APPROVED

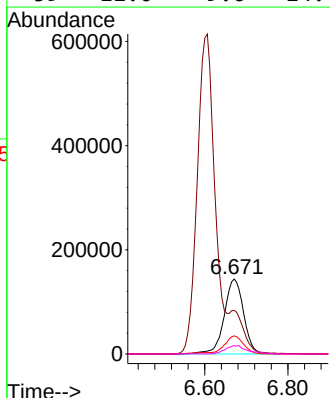
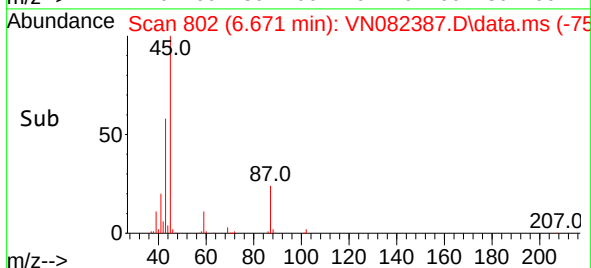
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

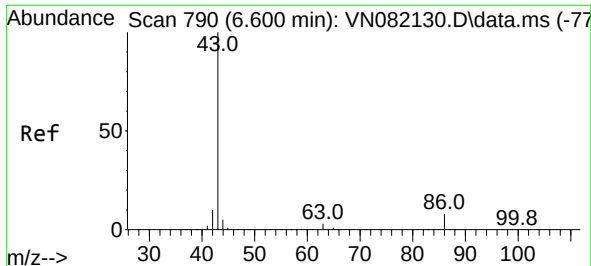


#22
Diisopropyl ether
Concen: 51.118 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



Tgt Ion: 45 Resp: 464697
Ion Ratio Lower Upper
45 100
43 57.5 44.1 66.1
87 24.1 27.0 40.6
59 11.0 9.6 14.4





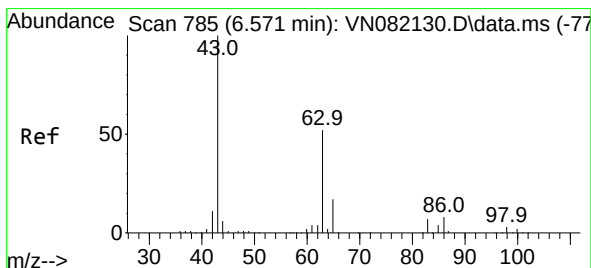
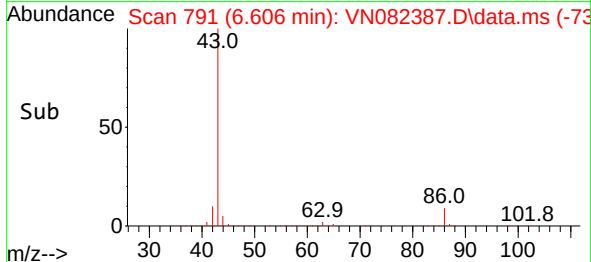
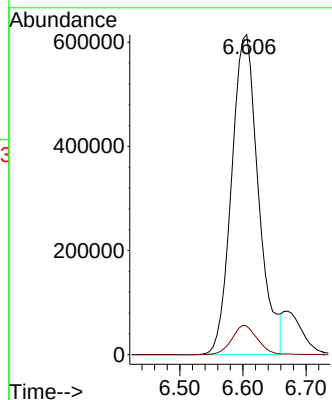
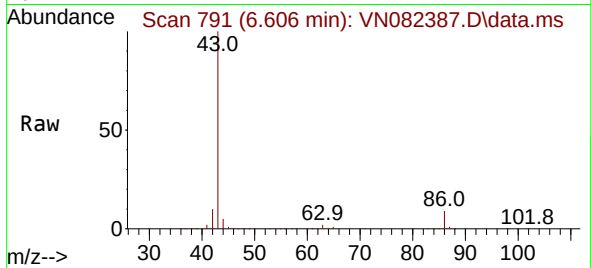
#23
 Vinyl Acetate
 Concen: 254.185 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN082387.D
 Acq: 30 May 2024 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1821808
 Ion Ratio Lower Upper
 43 100
 86 9.0 10.2 15.4

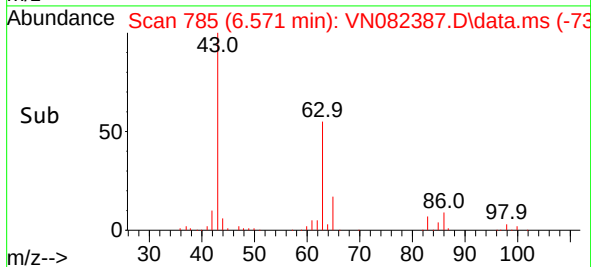
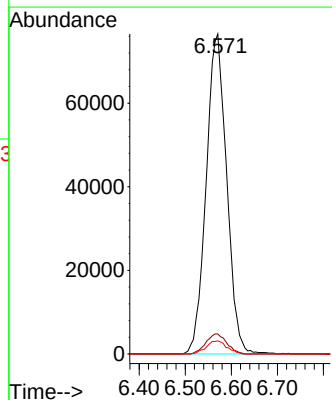
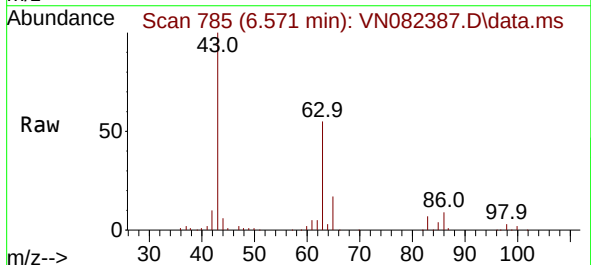
Manual Integrations
 APPROVED

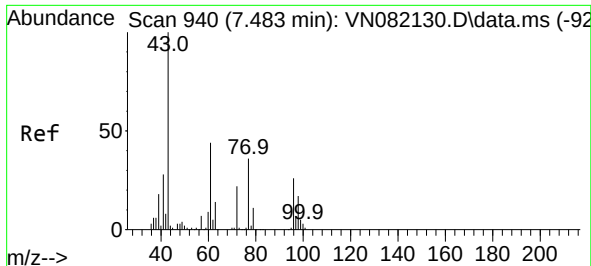
Reviewed By :John Carlone 05/31/2024
 Supervised By :Mahesh Dadoda 05/31/2024



#24
 1,1-Dichloroethane
 Concen: 50.580 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082387.D
 Acq: 30 May 2024 11:45

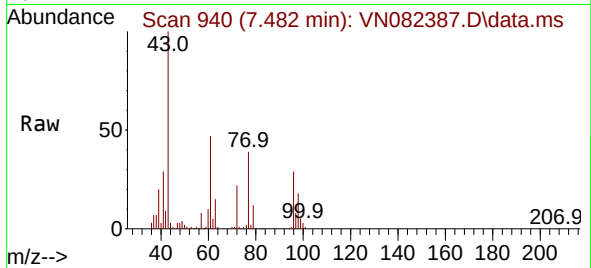
Tgt Ion: 63 Resp: 236997
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.1 2.6 7.8





#25
2-Butanone
Concen: 233.828 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

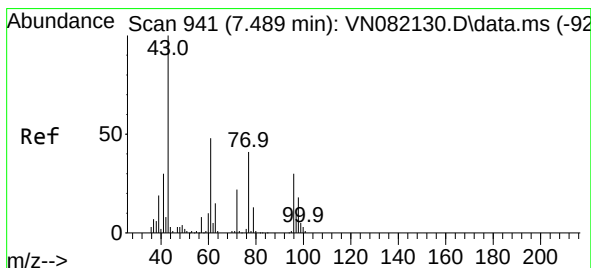
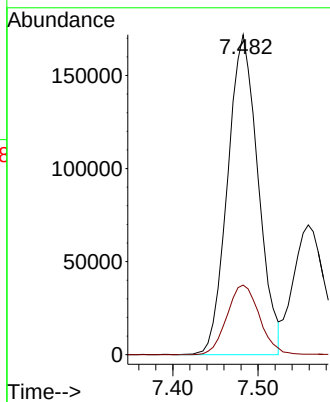
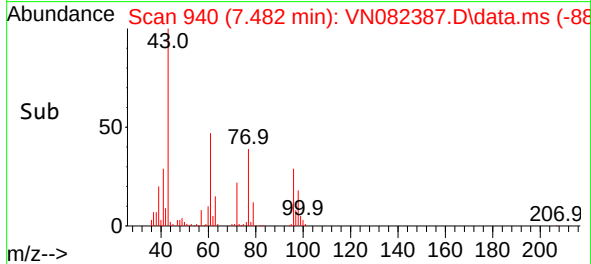
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



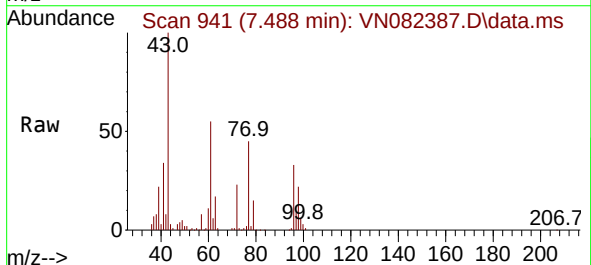
Tgt Ion: 43 Resp: 427554
Ion Ratio Lower Upper
43 100
72 21.8 25.3 37.9

Manual Integrations
APPROVED

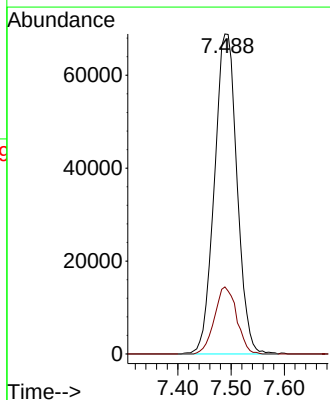
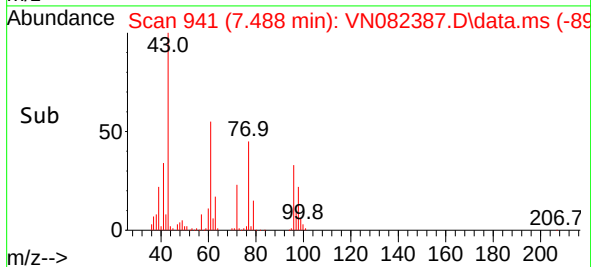
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

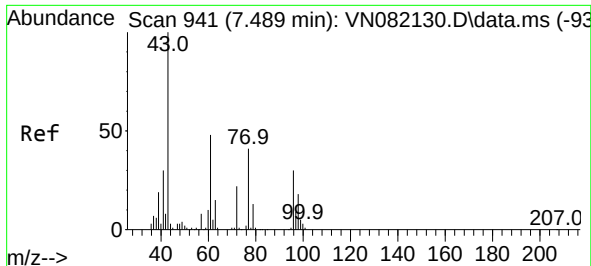


#26
2,2-Dichloropropane
Concen: 51.718 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



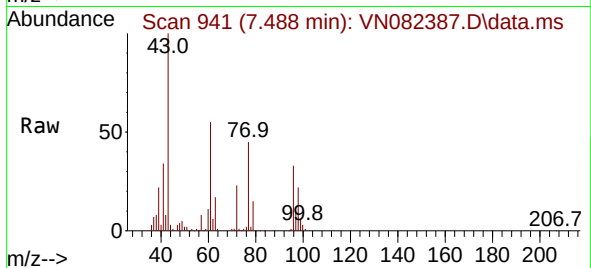
Tgt Ion: 77 Resp: 202972
Ion Ratio Lower Upper
77 100
97 20.6 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 51.959 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

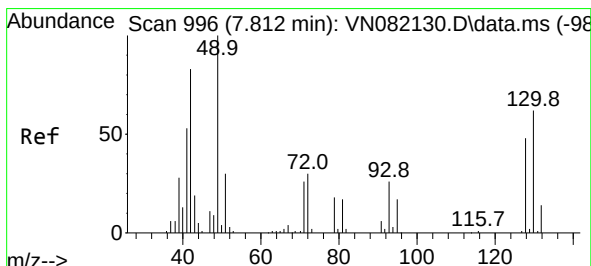
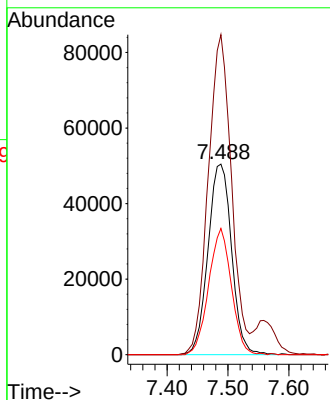
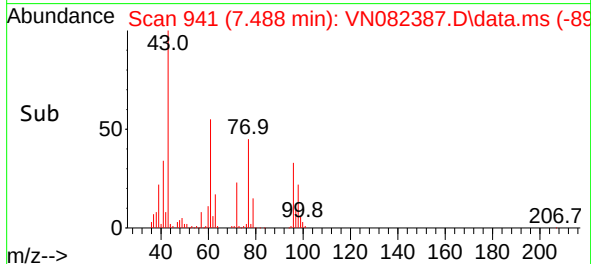
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 135870
Ion Ratio Lower Upper
96 100
61 164.6 0.0 268.0
98 63.6 0.0 126.8

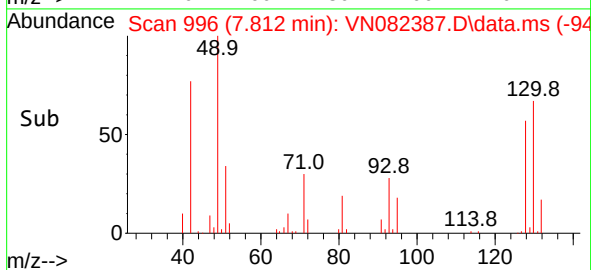
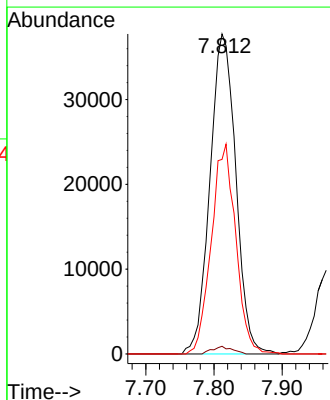
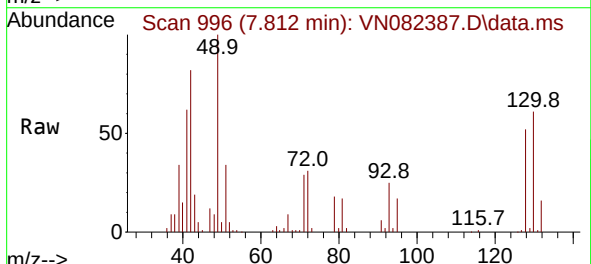
Manual Integrations
APPROVED

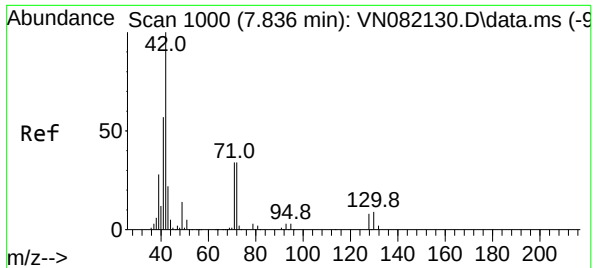
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#28
Bromochloromethane
Concen: 48.870 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

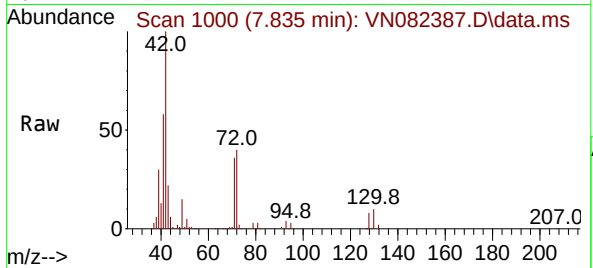
Tgt Ion: 49 Resp: 99625
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 62.0 66.7 100.1#





#29
Tetrahydrofuran
Concen: 243.459 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.001 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

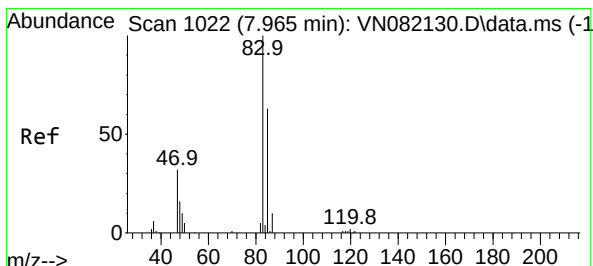
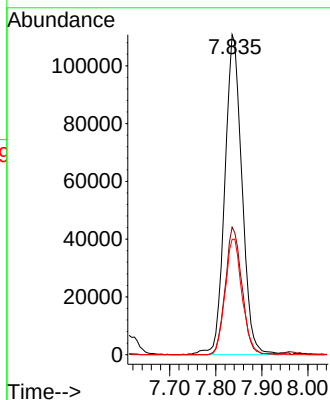
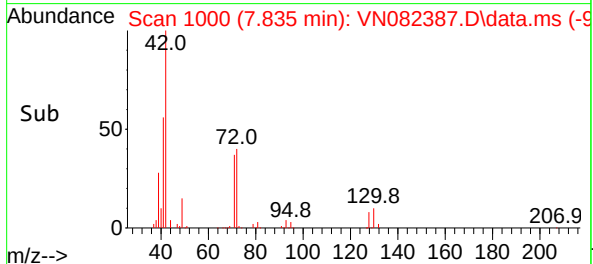
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 285820
Ion Ratio Lower Upper
42 100
72 38.6 39.3 58.9
71 35.7 37.4 56.0

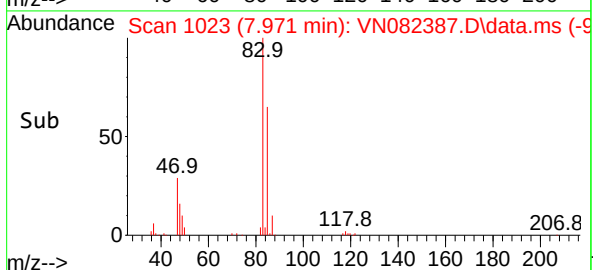
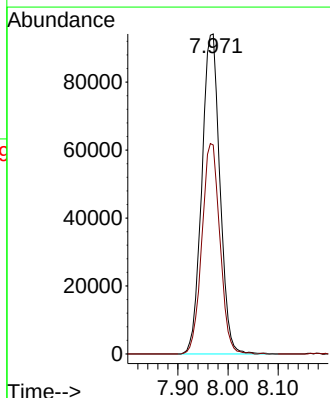
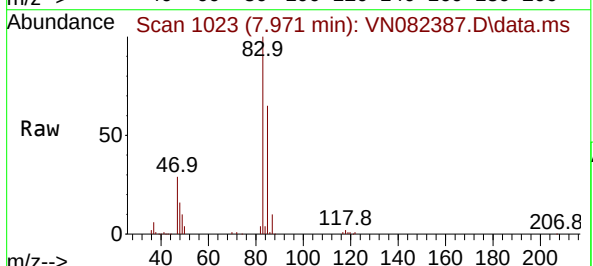
Manual Integrations
APPROVED

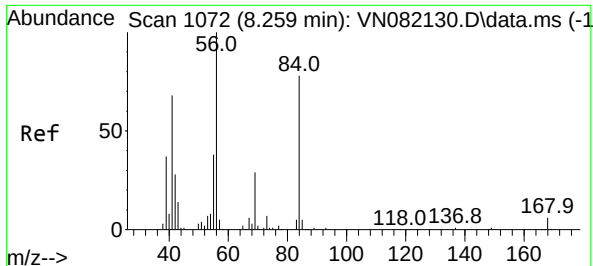
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#30
Chloroform
Concen: 52.707 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

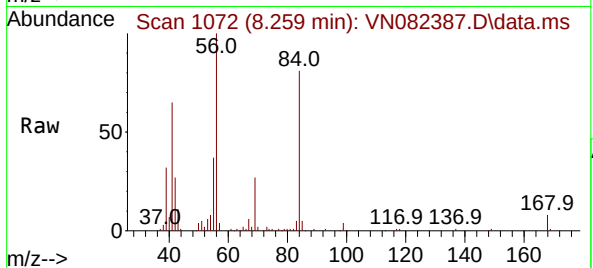
Tgt Ion: 83 Resp: 235833
Ion Ratio Lower Upper
83 100
85 65.3 50.7 76.1





#31
Cyclohexane
Concen: 42.227 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

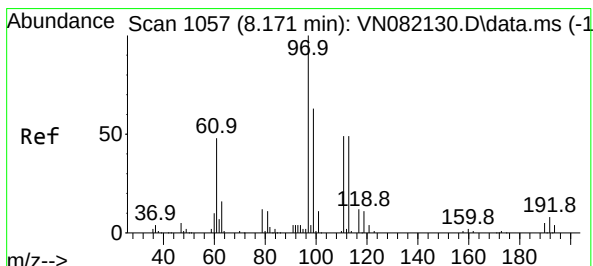
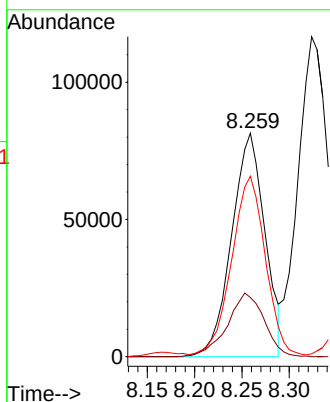
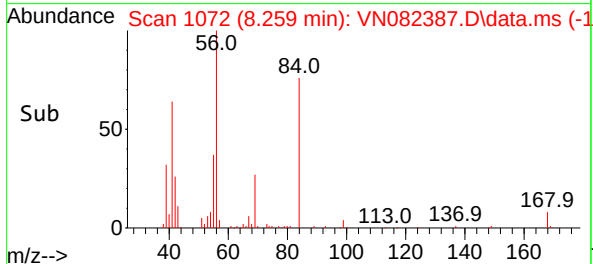
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



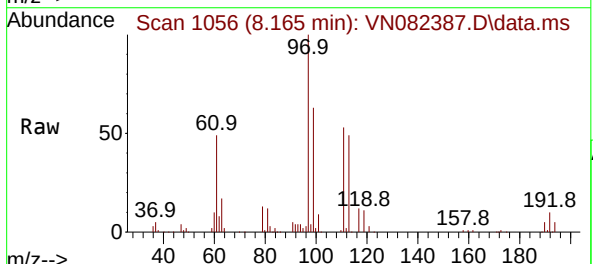
Tgt Ion: 56 Resp: 19827
Ion Ratio Lower Upper
56 100
69 26.5 24.4 36.6
84 79.5 77.0 115.4

Manual Integrations
APPROVED

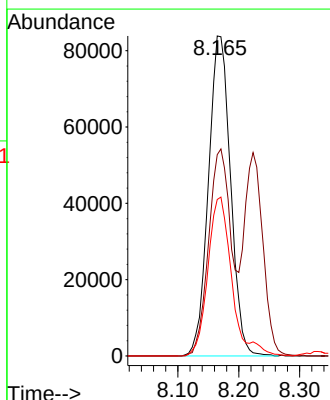
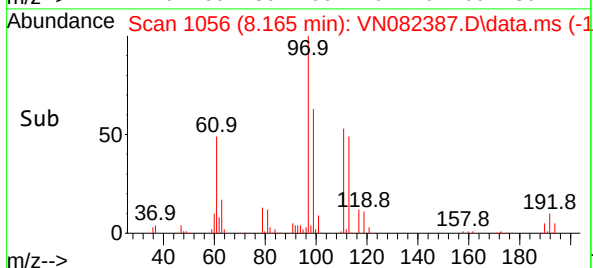
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

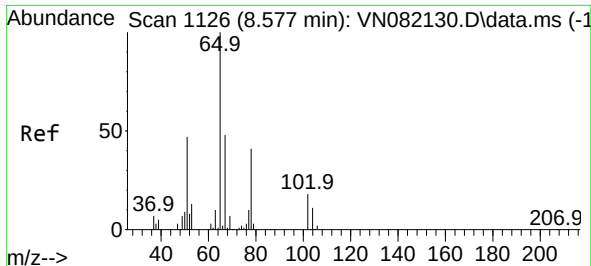


#32
1,1,1-Trichloroethane
Concen: 53.368 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



Tgt Ion: 97 Resp: 211847
Ion Ratio Lower Upper
97 100
99 66.7 50.3 75.5
61 53.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.141 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14741

Ion Ratio Lower Upper

65 100

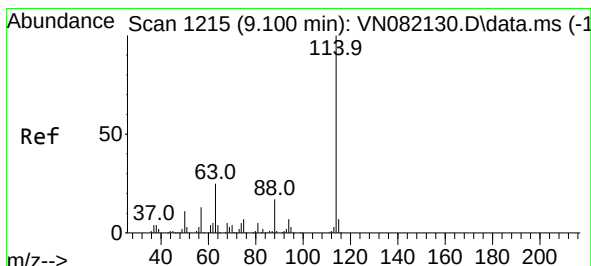
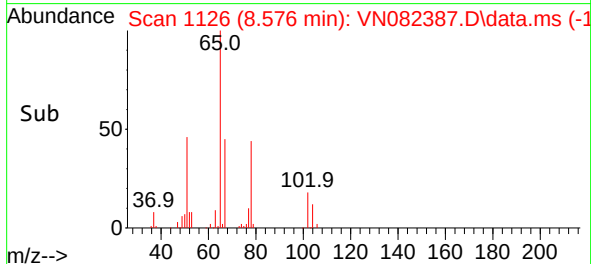
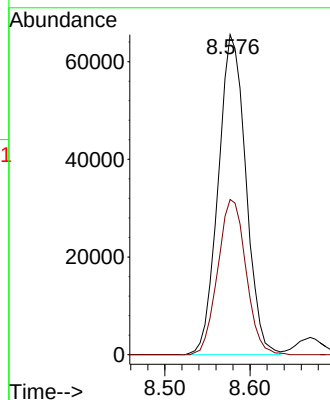
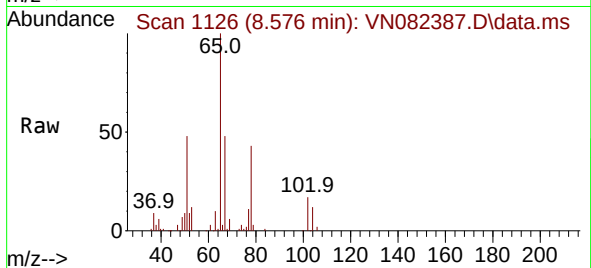
67 49.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

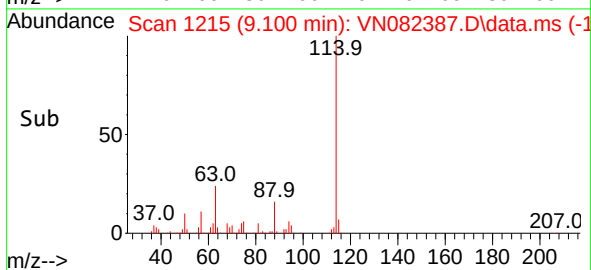
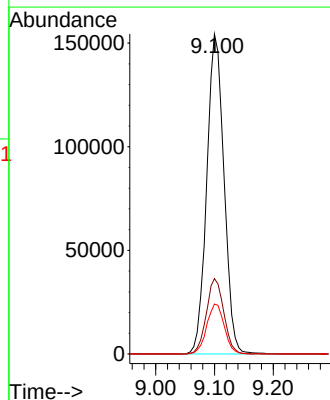
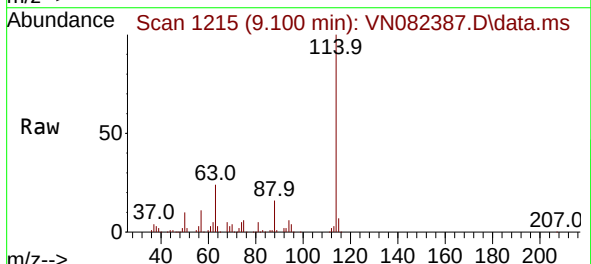
Tgt Ion:114 Resp: 315676

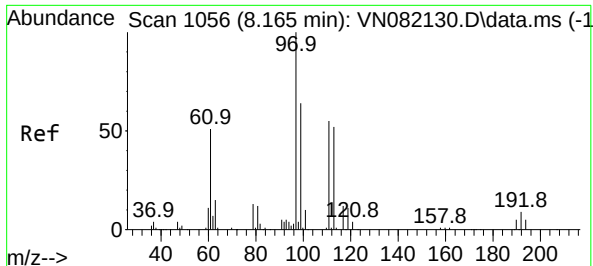
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.165 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

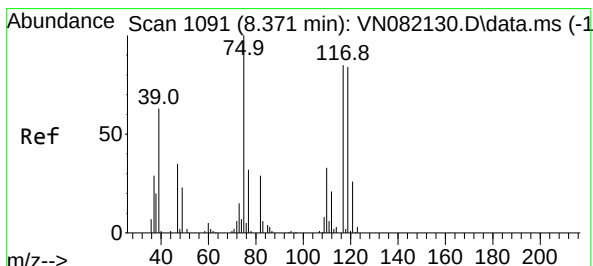
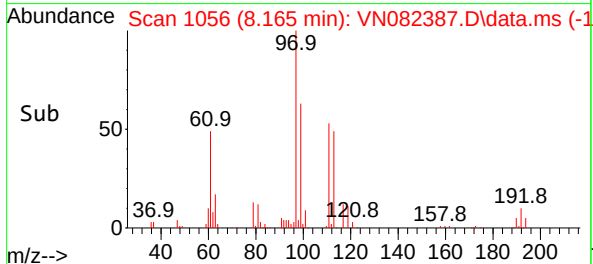
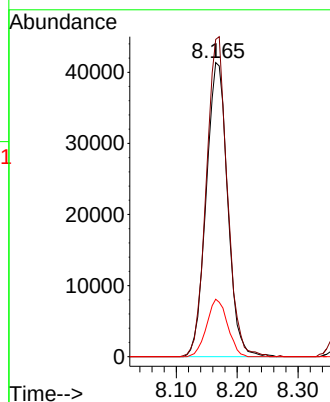
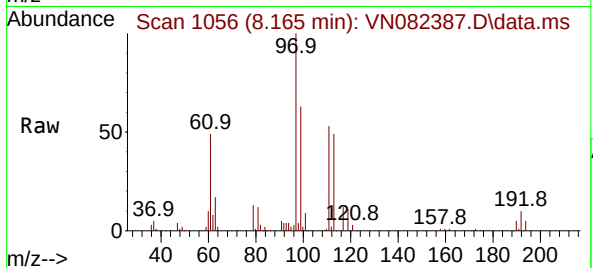
Tgt Ion:	113	Resp:	10129
Ion Ratio	Lower	Upper	
113	100		
111	106.0	83.4	125.2
192	19.0	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#36

1,1-Dichloropropene

Concen: 50.664 ug/l

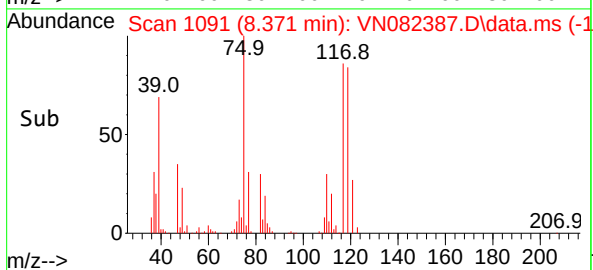
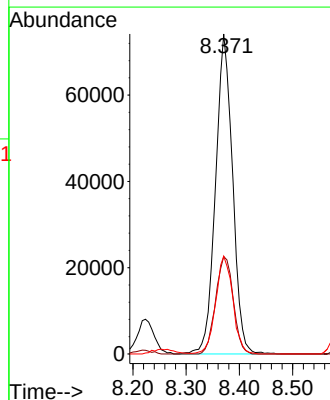
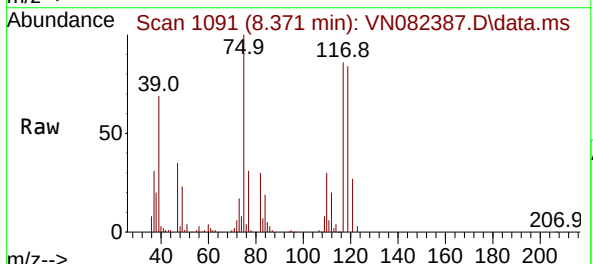
RT: 8.371 min Scan# 1091

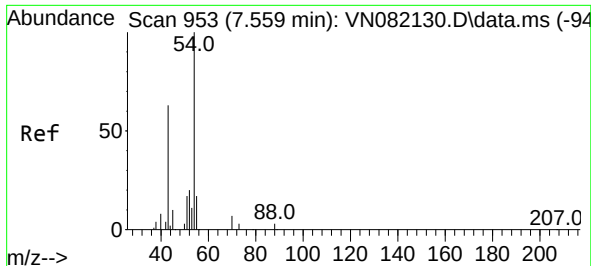
Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

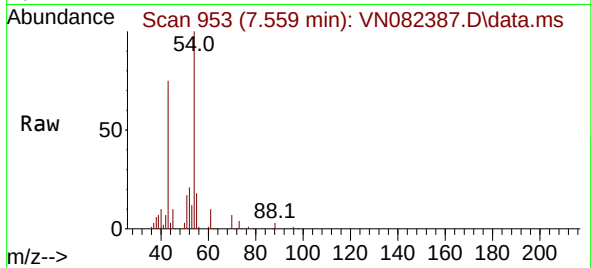
Tgt Ion:	75	Resp:	165006
Ion Ratio	Lower	Upper	
75	100		
110	31.4	17.8	53.5
77	30.6	25.0	37.4





#37
Ethyl Acetate
Concen: 50.186 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

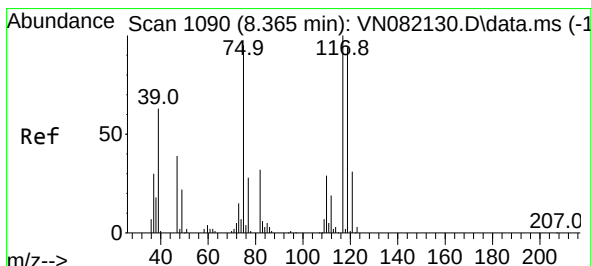
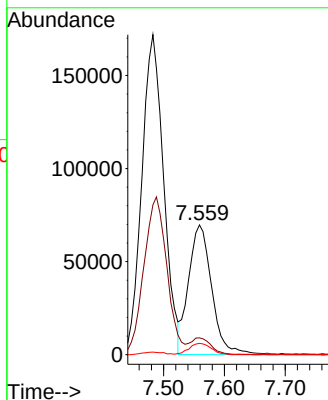
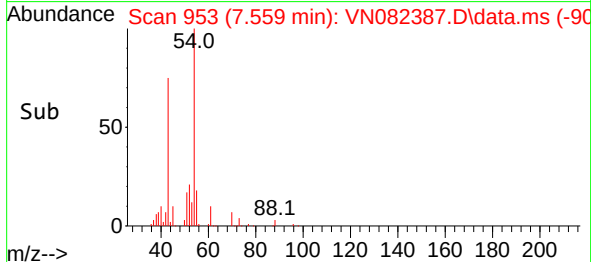
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 182918
Ion Ratio Lower Upper
43 100
61 12.0 11.3 16.9
70 8.4 8.7 13.1

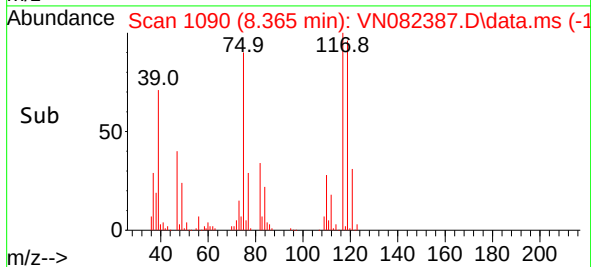
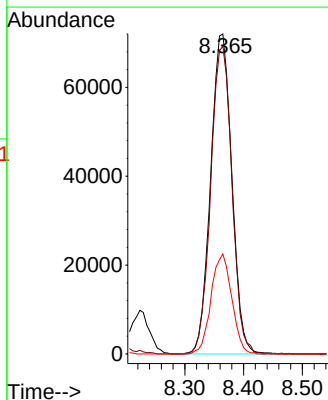
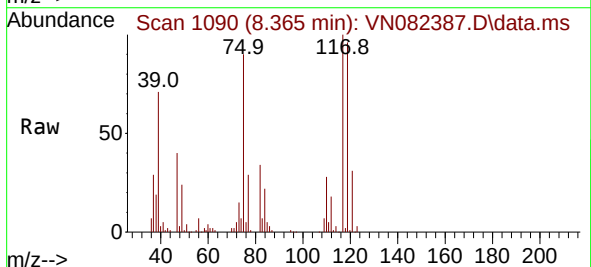
Manual Integrations
APPROVED

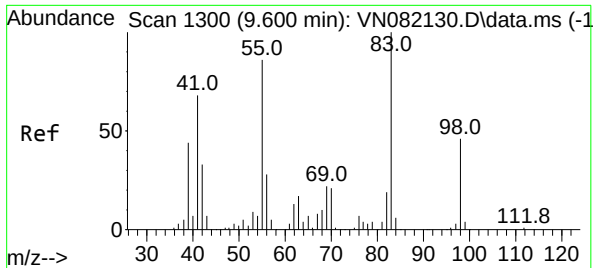
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#38
Carbon Tetrachloride
Concen: 54.640 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

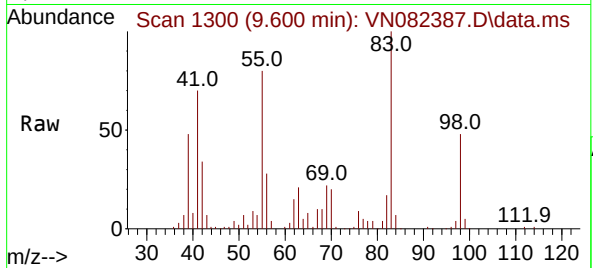
Tgt Ion:117 Resp: 180393
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
121 31.2 23.9 35.9





#39
Methylcyclohexane
Concen: 48.732 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

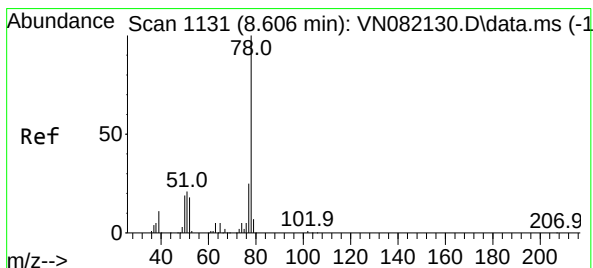
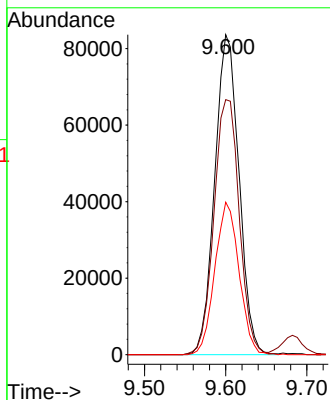
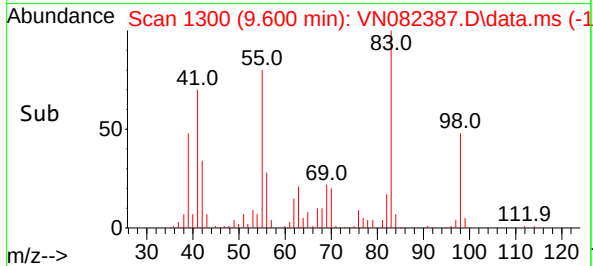
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



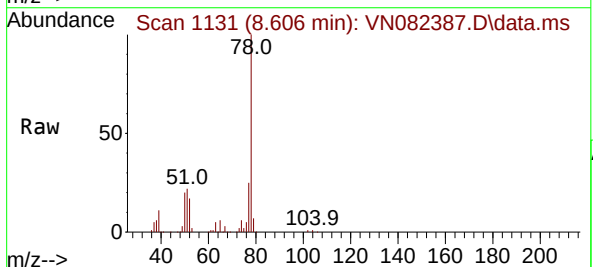
Tgt Ion: 83 Resp: 173972
Ion Ratio Lower Upper
83 100
55 79.7 53.0 79.6
98 47.6 37.1 55.7

Manual Integrations
APPROVED

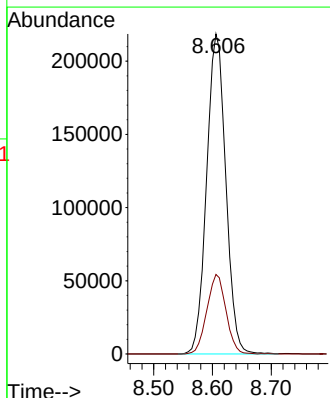
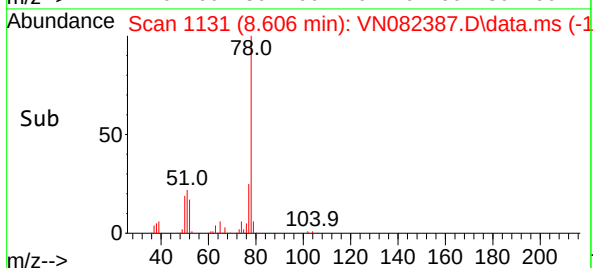
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

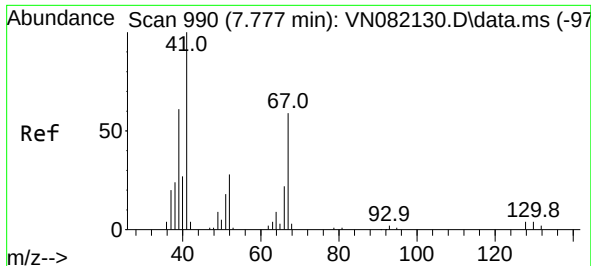


#40
Benzene
Concen: 51.050 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



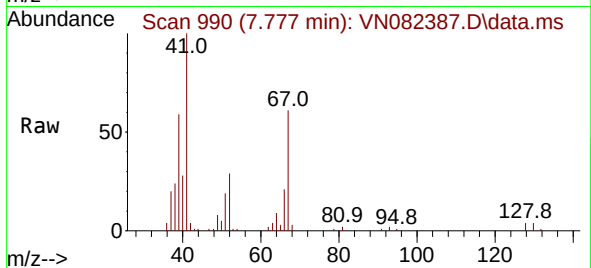
Tgt Ion: 78 Resp: 495795
Ion Ratio Lower Upper
78 100
77 24.8 20.0 30.0





#41
Methacrylonitrile
Concen: 50.087 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

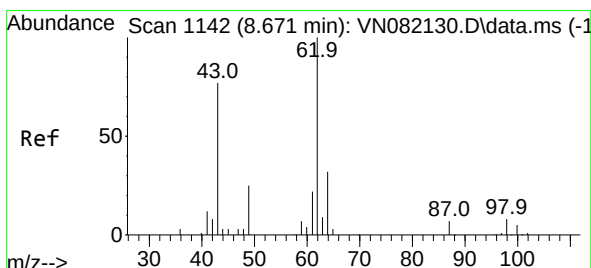
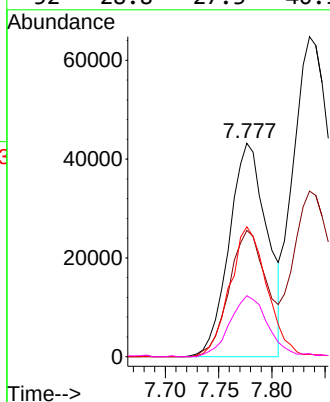
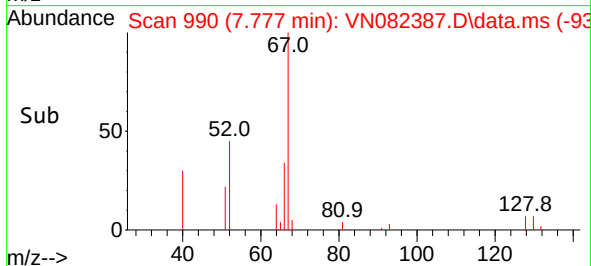
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 10736
Ion Ratio Lower Upper
41 100
39 58.8 46.6 69.8
67 59.8 67.3 100.9
52 28.8 27.3 40.9

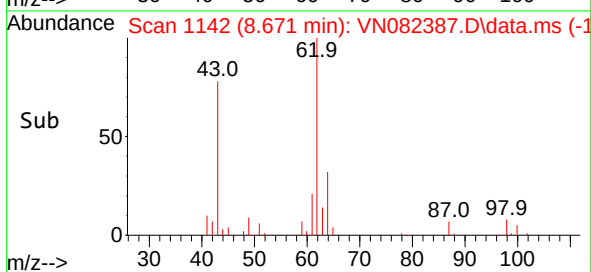
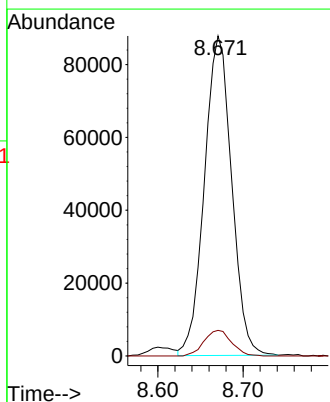
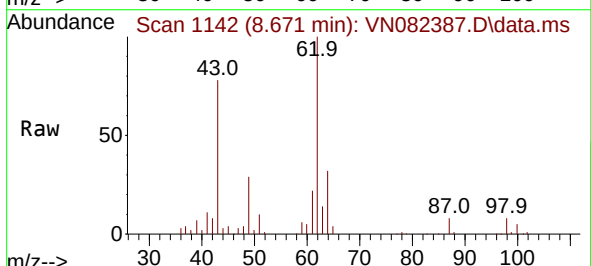
Manual Integrations
APPROVED

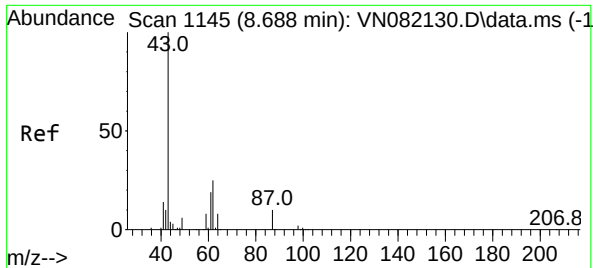
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#42
1,2-Dichloroethane
Concen: 52.142 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

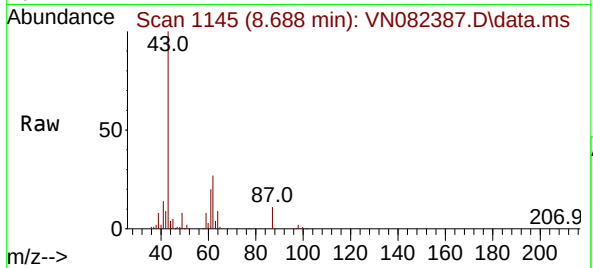
Tgt Ion: 62 Resp: 194763
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.6





#43
Isopropyl Acetate
Concen: 52.934 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

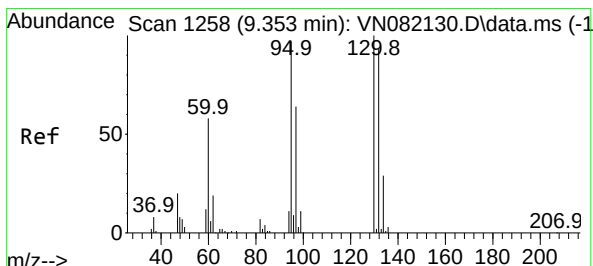
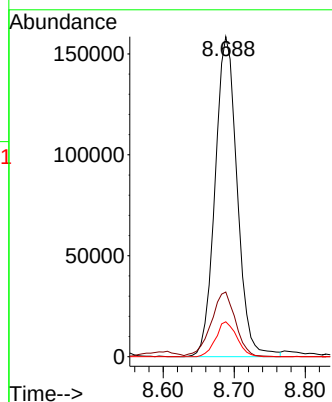
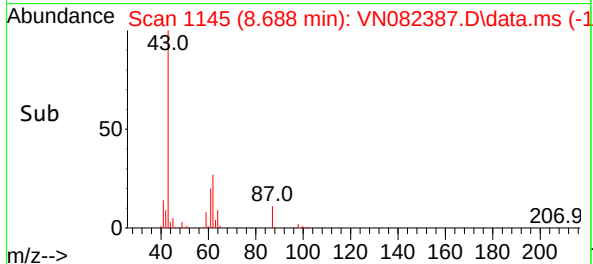
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



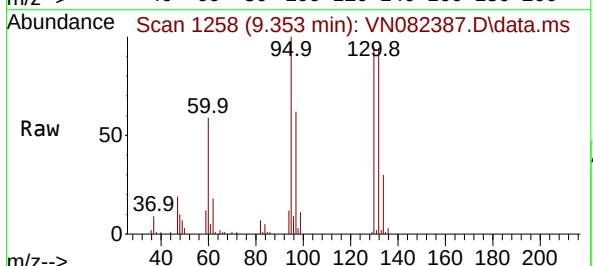
Tgt Ion: 43 Resp: 341870
Ion Ratio Lower Upper
43 100
61 22.4 22.8 34.2
87 10.4 12.0 18.0

Manual Integrations
APPROVED

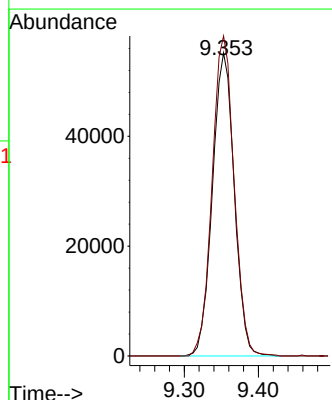
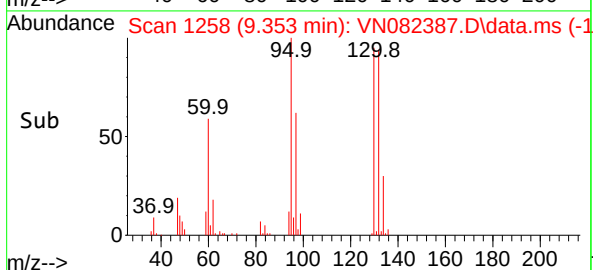
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

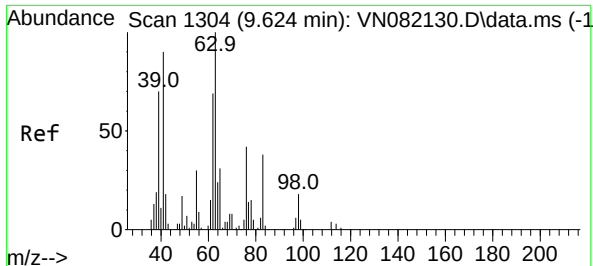


#44
Trichloroethene
Concen: 51.116 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



Tgt Ion:130 Resp: 112769
Ion Ratio Lower Upper
130 100
95 105.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 51.724 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 129610

Ion Ratio Lower Upper

63 100

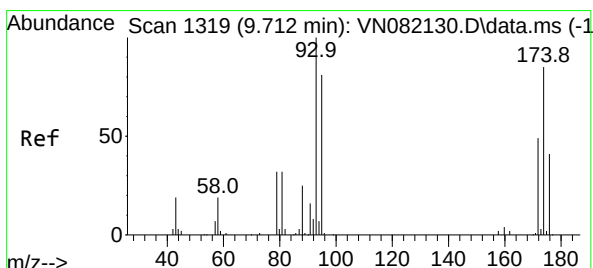
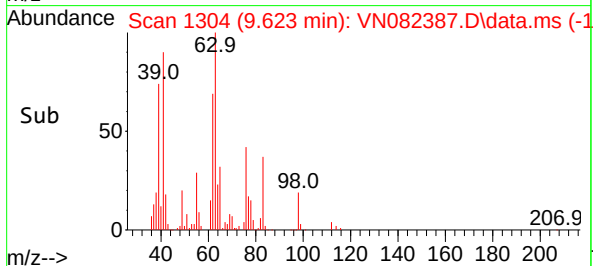
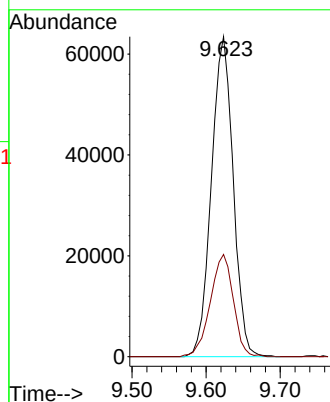
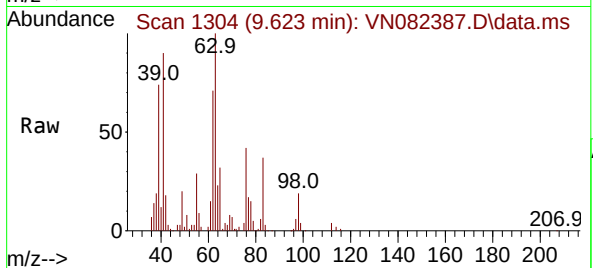
65 32.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#46

Dibromomethane

Concen: 52.737 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

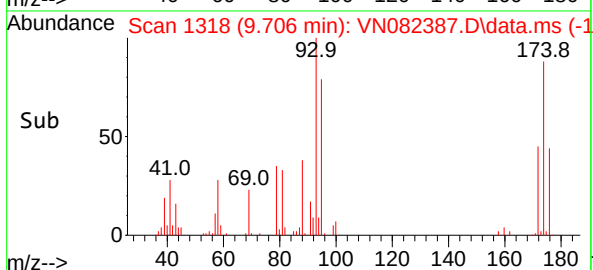
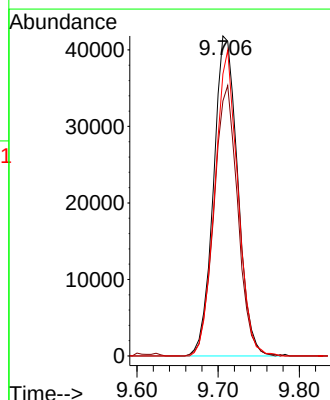
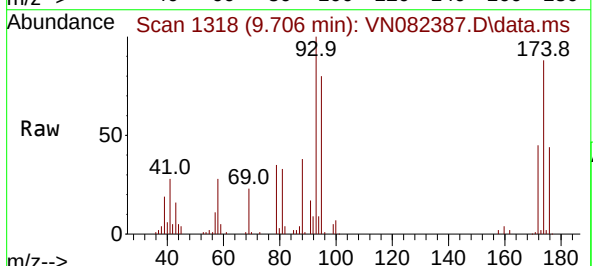
Tgt Ion: 93 Resp: 86760

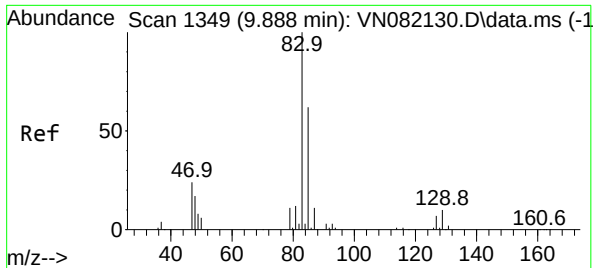
Ion Ratio Lower Upper

93 100

95 82.9 64.8 97.2

174 91.0 73.4 110.0





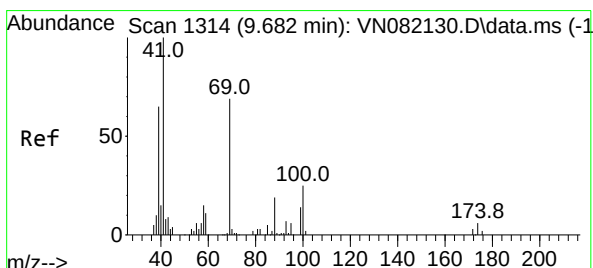
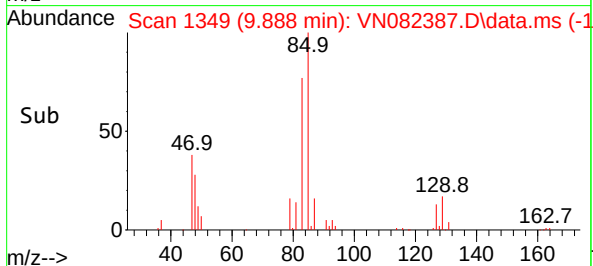
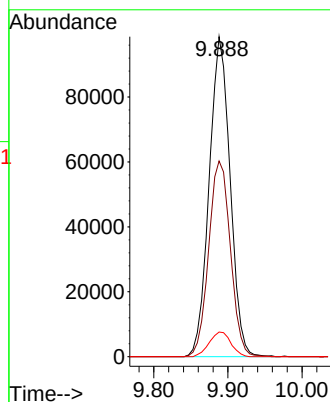
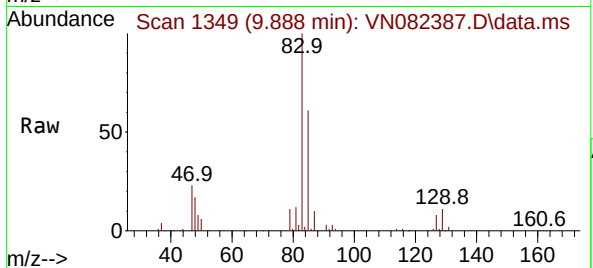
#47
Bromodichloromethane
Concen: 55.691 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 193418
Ion Ratio Lower Upper
83 100
85 61.1 51.9 77.9
127 7.7 7.5 11.3

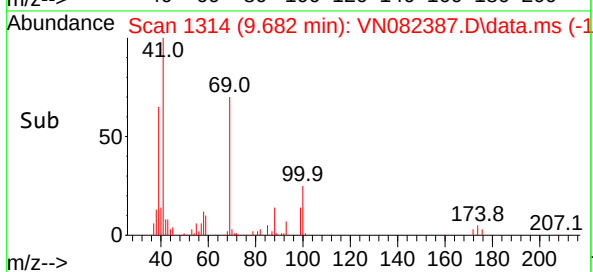
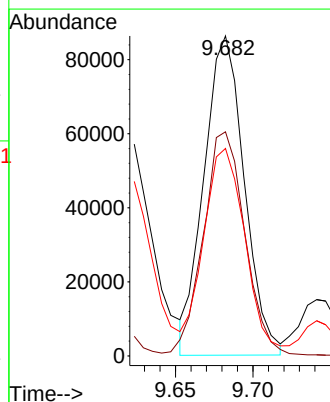
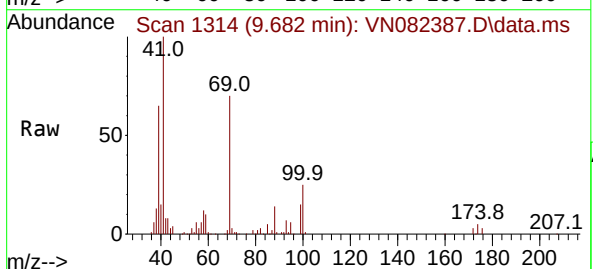
Manual Integrations
APPROVED

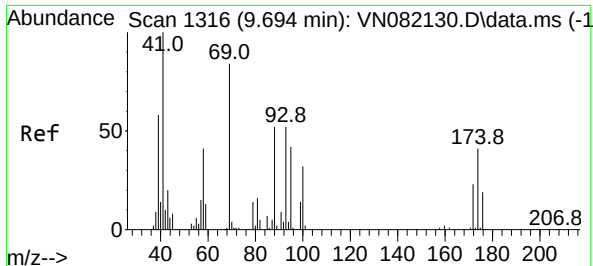
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#48
Methyl methacrylate
Concen: 50.726 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Tgt Ion: 41 Resp: 156106
Ion Ratio Lower Upper
41 100
69 73.0 77.9 116.9#
39 67.1 50.9 76.3





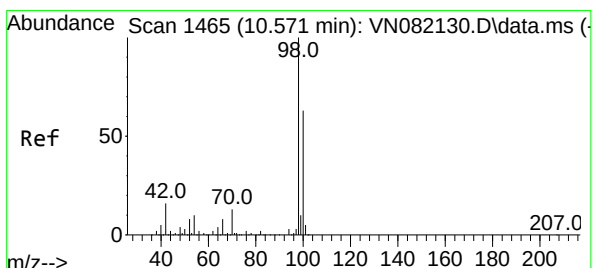
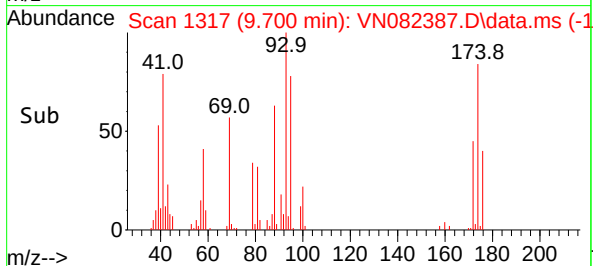
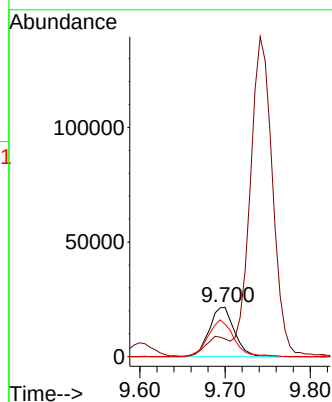
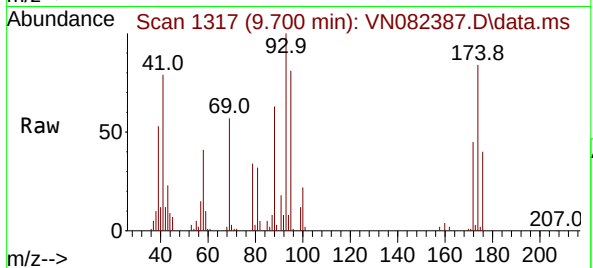
#49
1,4-Dioxane
Concen: 1018.363 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 43915
Ion Ratio Lower Upper
88 100
43 37.1 19.0 28.6
58 76.8 50.6 76.0

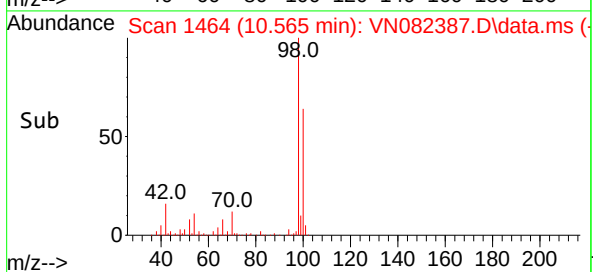
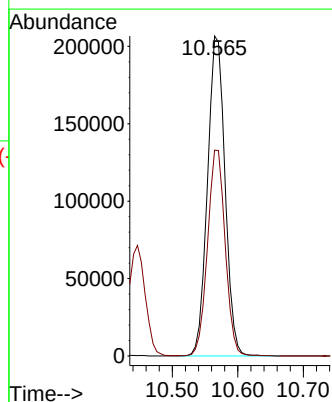
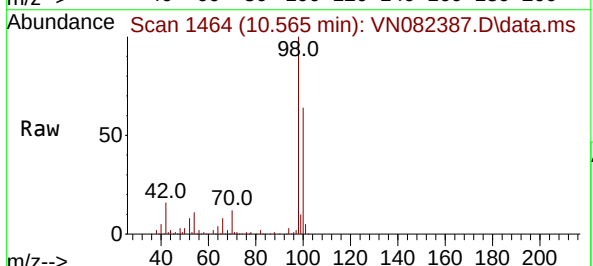
Manual Integrations
APPROVED

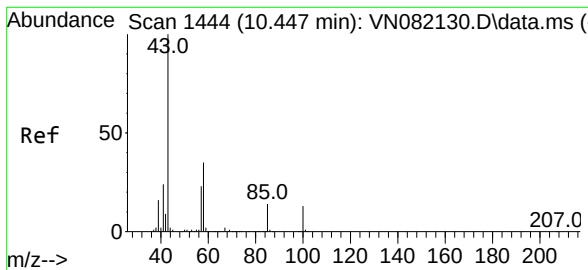
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#50
Toluene-d8
Concen: 51.599 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

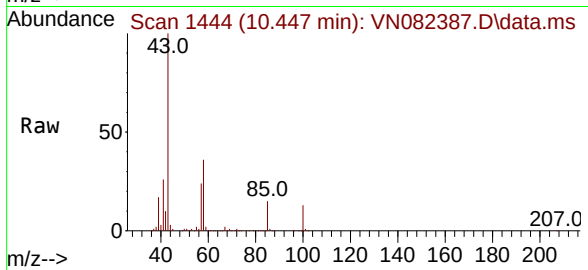
Tgt Ion: 98 Resp: 384159
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 260.482 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

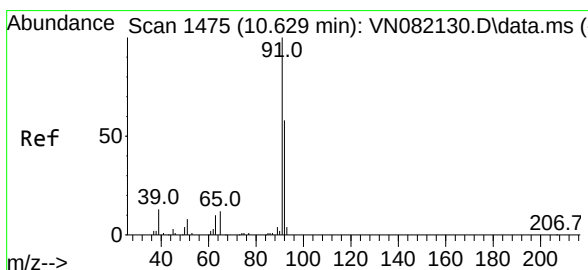
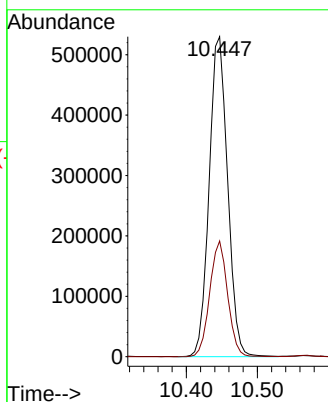
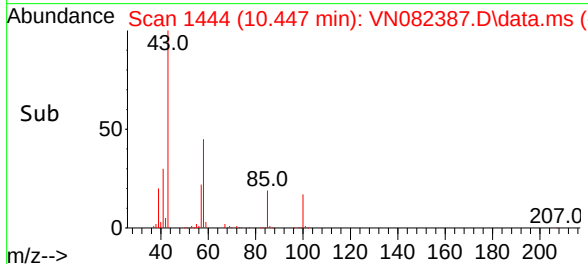
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 955820
Ion Ratio Lower Upper
43 100
58 35.0 33.2 49.8

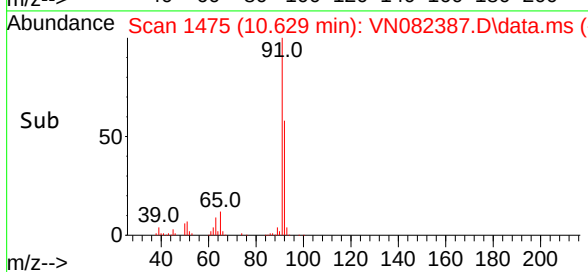
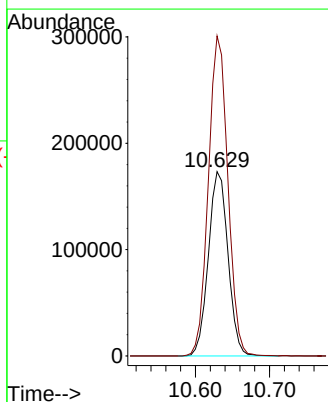
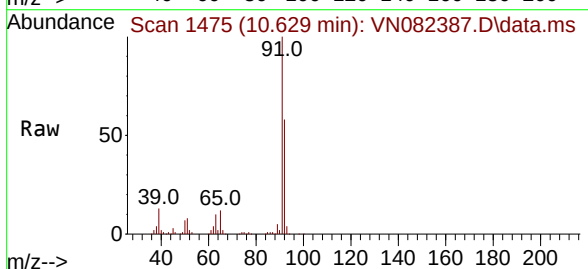
Manual Integrations
APPROVED

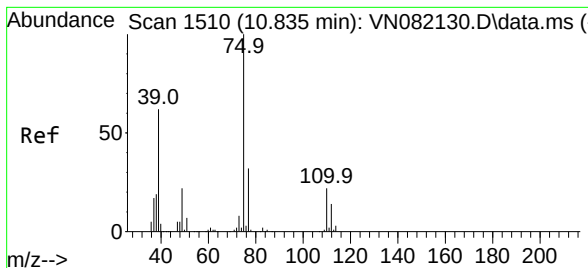
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#52
Toluene
Concen: 54.705 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

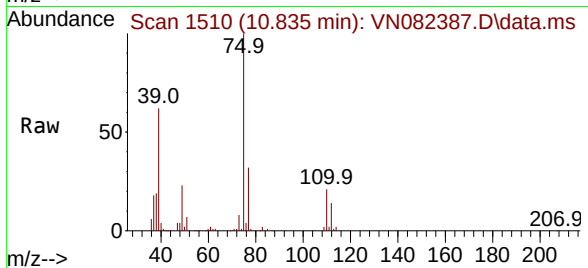
Tgt Ion: 92 Resp: 318835
Ion Ratio Lower Upper
92 100
91 172.4 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 55.511 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

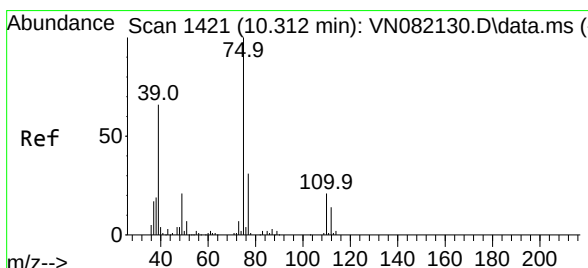
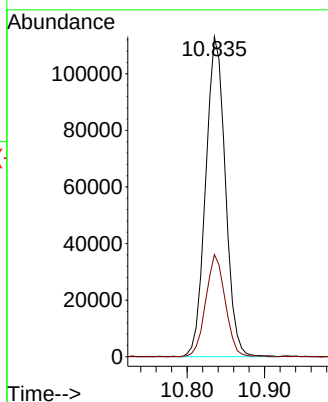
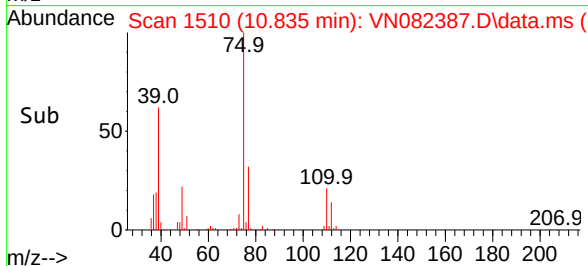
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



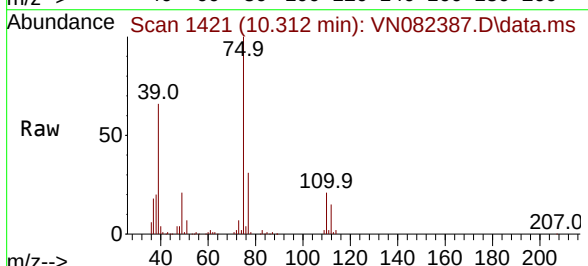
Tgt Ion: 75 Resp: 199392
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

Manual Integrations
APPROVED

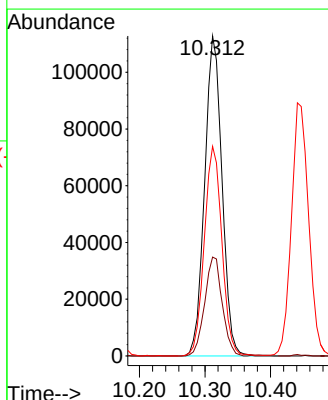
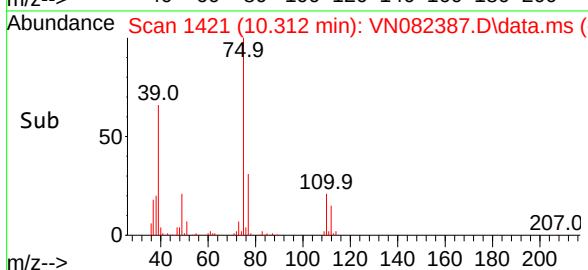
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

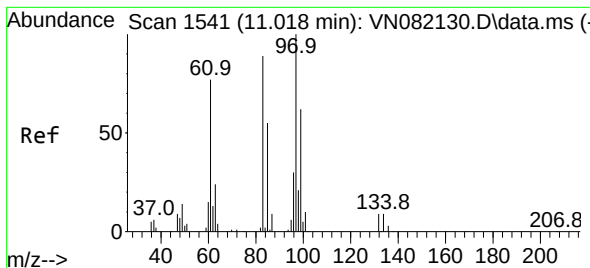


#54
cis-1,3-Dichloropropene
Concen: 54.692 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



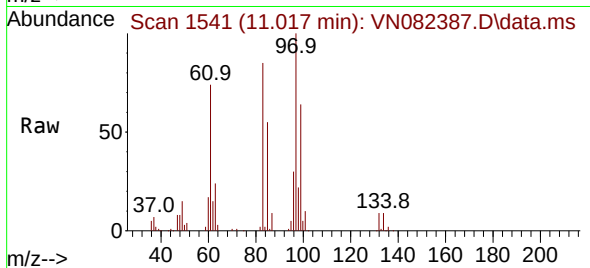
Tgt Ion: 75 Resp: 207943
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 65.5 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 54.535 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

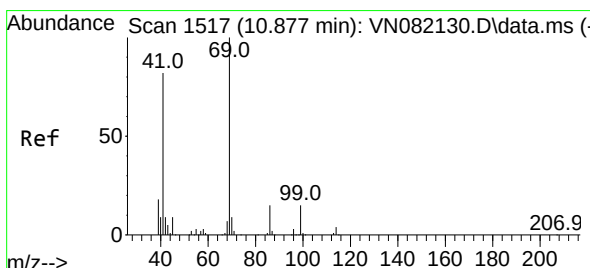
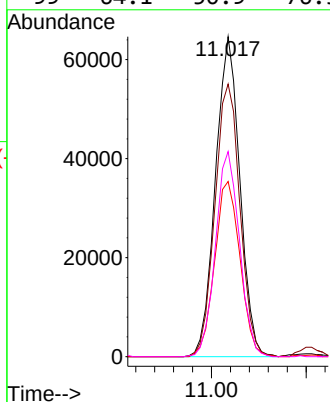
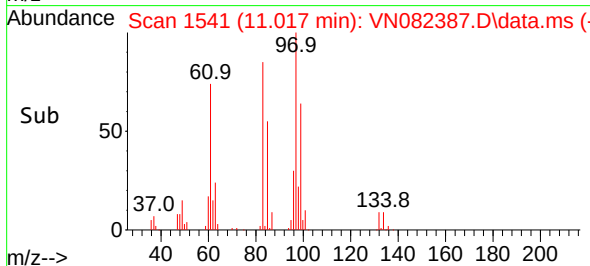
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



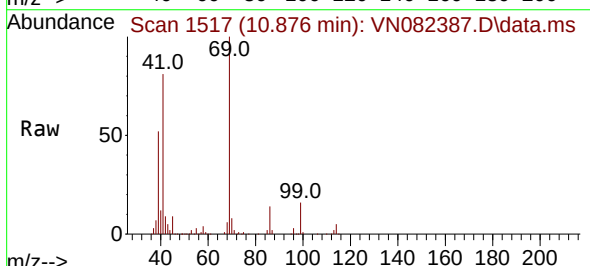
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.4	105.6
85	54.8	45.6	68.4
99	64.1	50.9	76.3

Manual Integrations
APPROVED

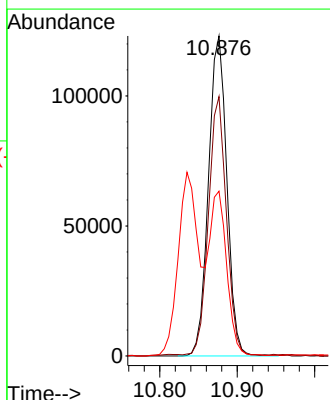
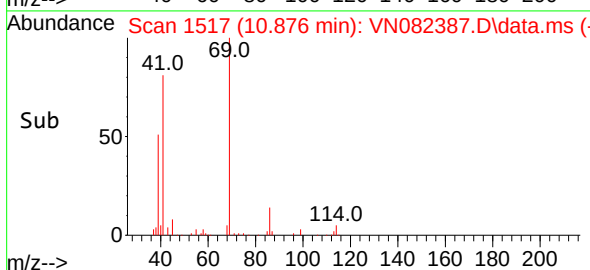
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

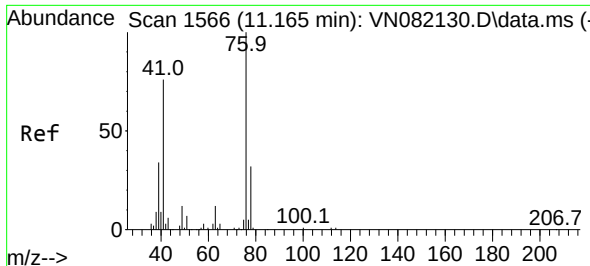


#56
Ethyl methacrylate
Concen: 56.393 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



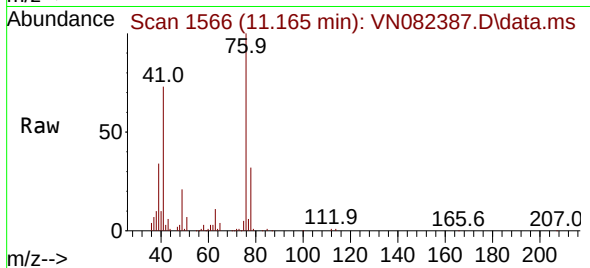
Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.9	46.6	70.0#
39	46.7	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 52.745 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

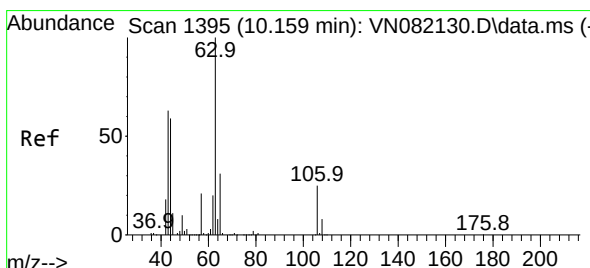
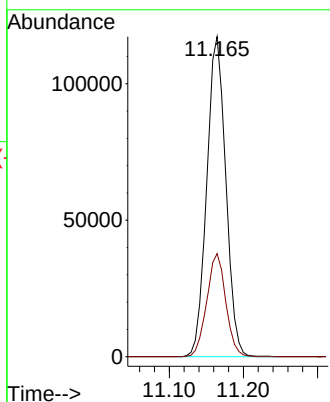
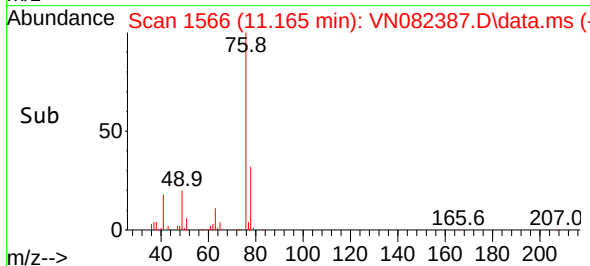
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 208870
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

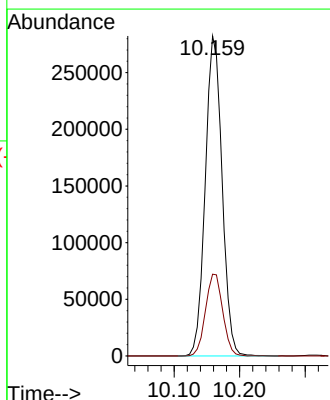
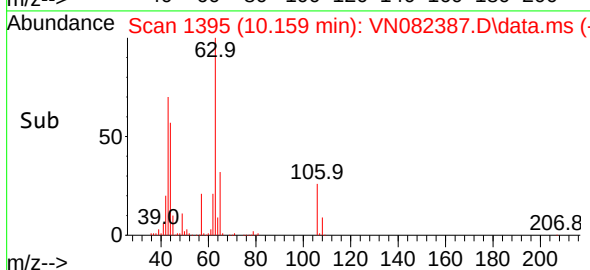
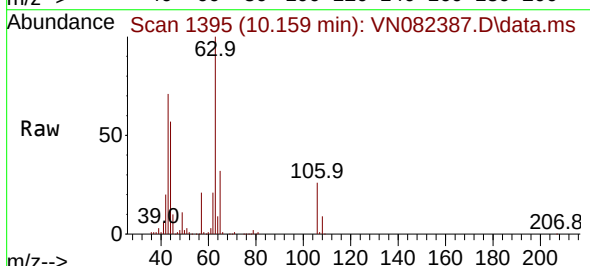
Manual Integrations
APPROVED

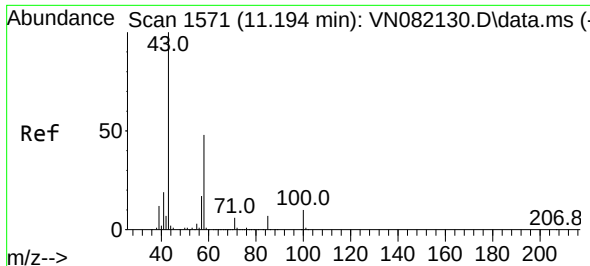
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#58
2-Chloroethyl Vinyl ether
Concen: 271.016 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

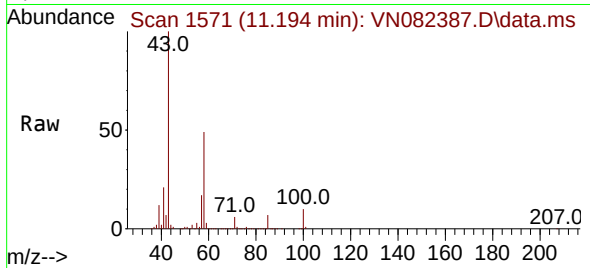
Tgt Ion: 63 Resp: 502680
Ion Ratio Lower Upper
63 100
106 26.2 24.6 36.8





#59
2-Hexanone
Concen: 259.145 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

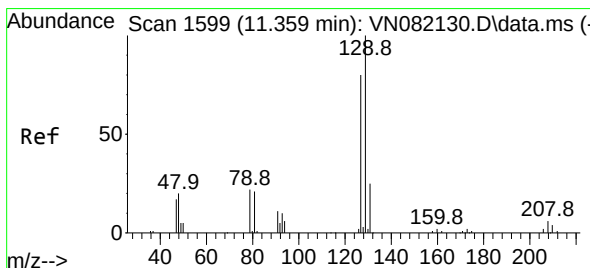
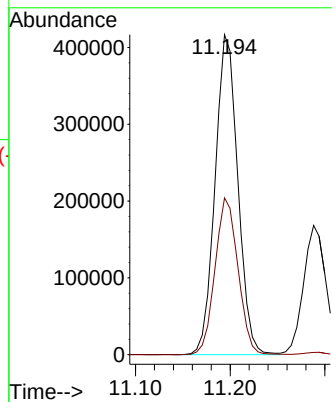
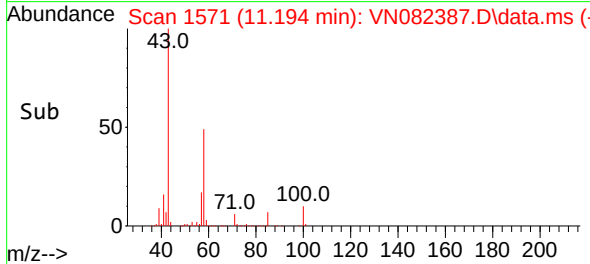
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 696270
Ion Ratio Lower Upper
43 100
58 49.4 28.3 84.9

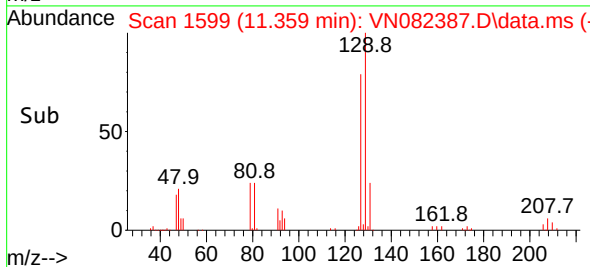
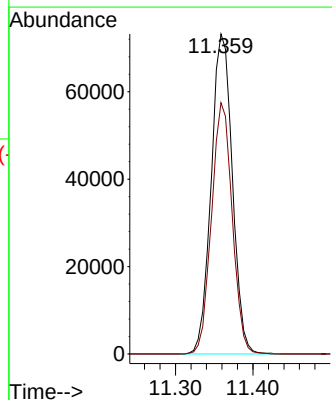
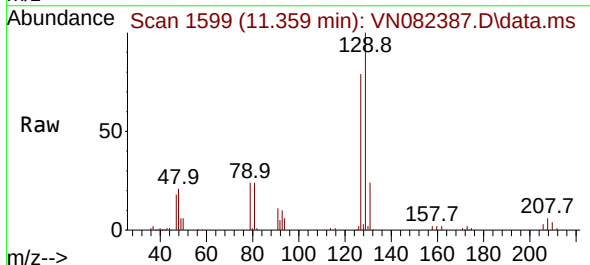
Manual Integrations
APPROVED

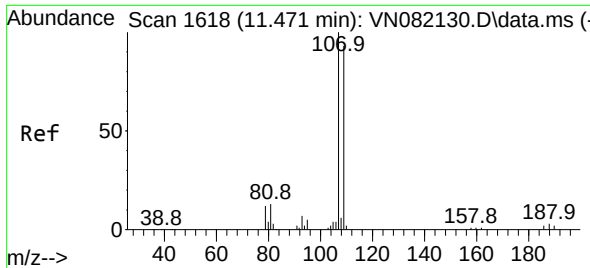
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#60
Dibromochloromethane
Concen: 59.339 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

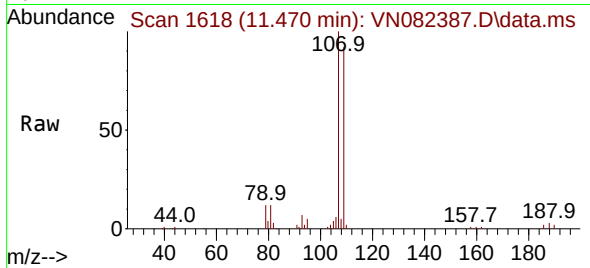
Tgt Ion:129 Resp: 138696
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8





#61
1,2-Dibromoethane
Concen: 53.919 ug/l
RT: 11.470 min Scan# 11729
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

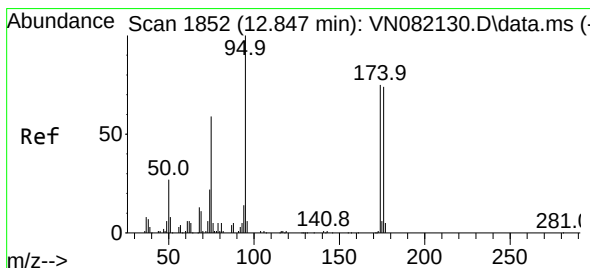
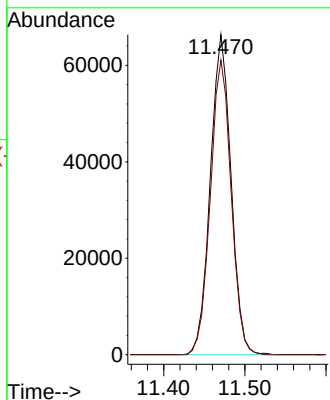
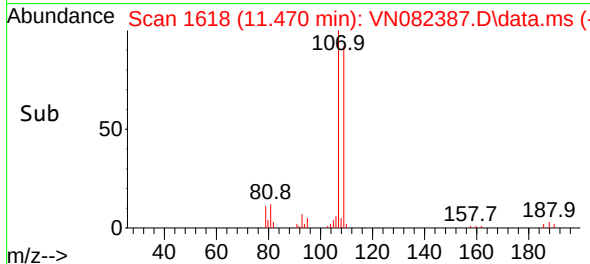
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



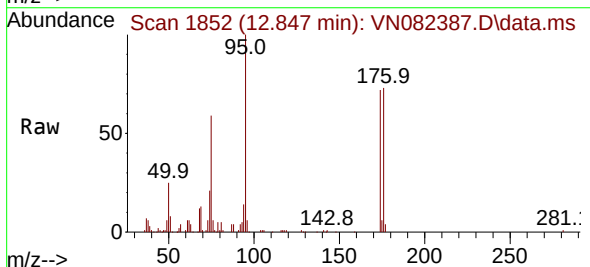
Tgt Ion:107 Resp: 11729
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.6

Manual Integrations
APPROVED

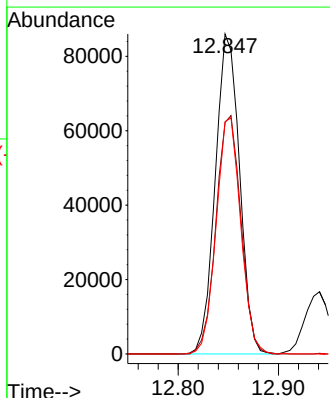
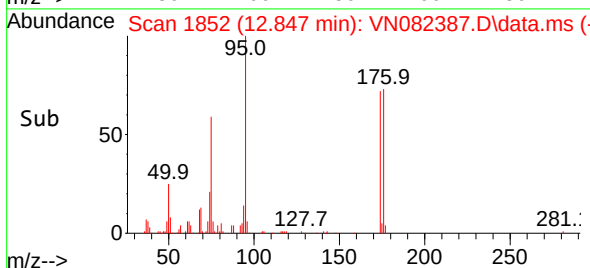
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

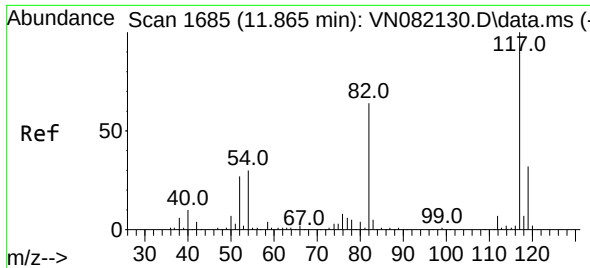


#62
4-Bromofluorobenzene
Concen: 54.481 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



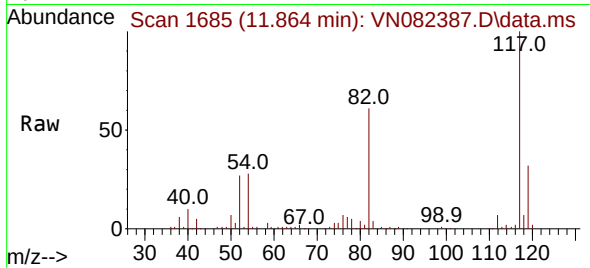
Tgt Ion: 95 Resp: 144774
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 74.4 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

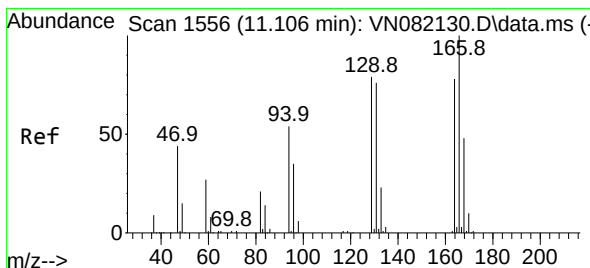
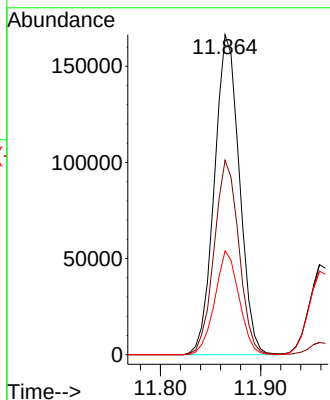
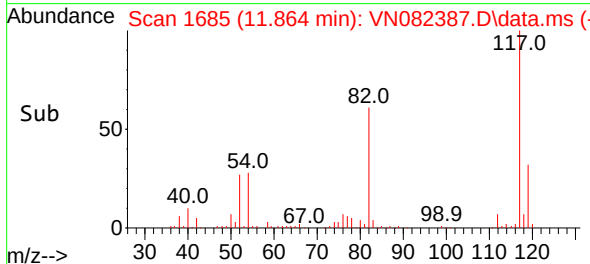
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 287944
Ion Ratio Lower Upper
117 100
82 60.8 44.6 66.8
119 32.4 25.9 38.9

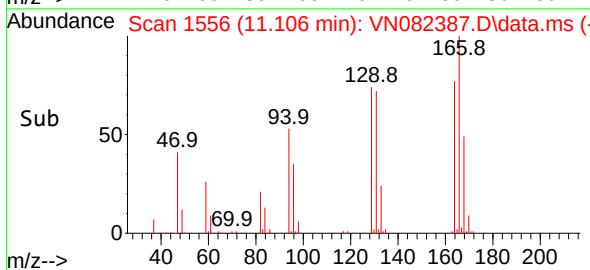
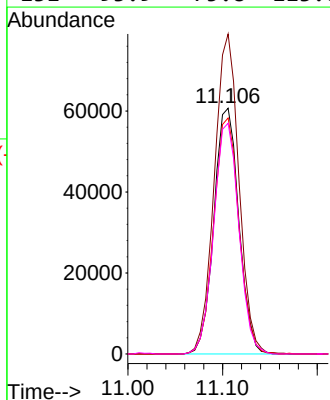
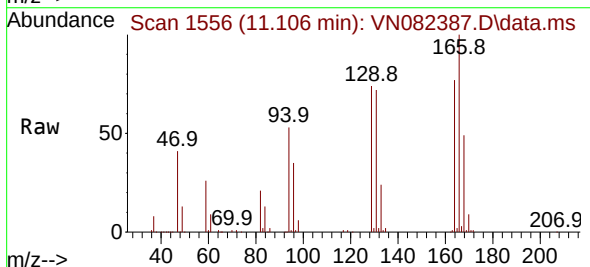
Manual Integrations
APPROVED

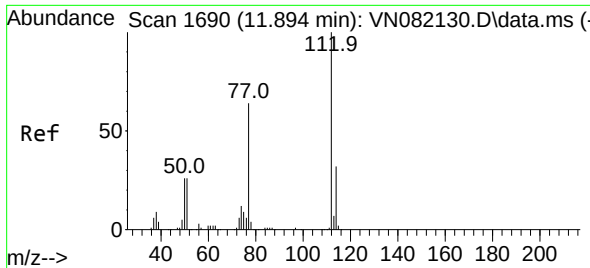
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#64
Tetrachloroethene
Concen: 52.046 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

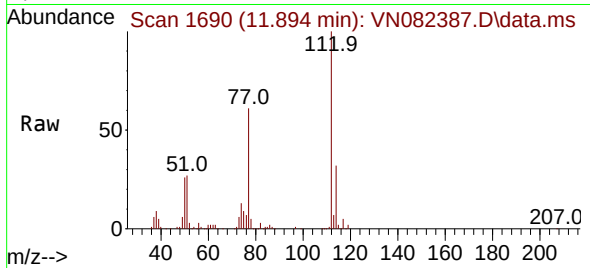
Tgt Ion:164 Resp: 111078
Ion Ratio Lower Upper
164 100
166 130.2 97.6 146.4
129 96.0 73.7 110.5
131 93.9 75.8 113.6





#65
Chlorobenzene
Concen: 52.925 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

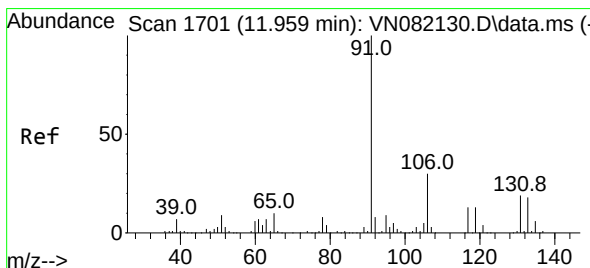
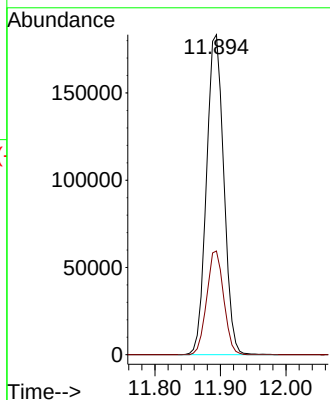
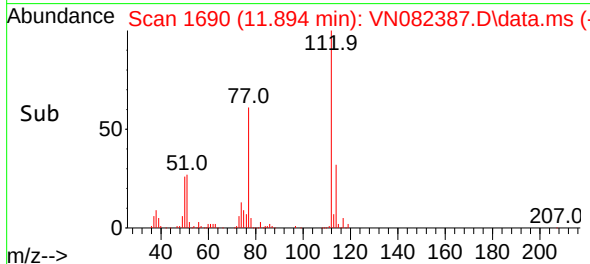
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 336659
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

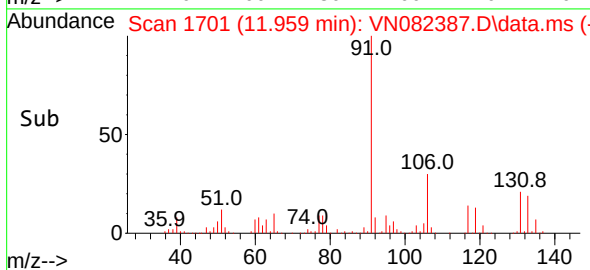
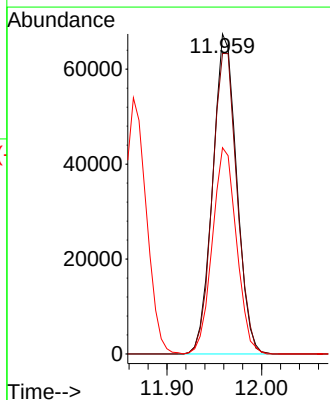
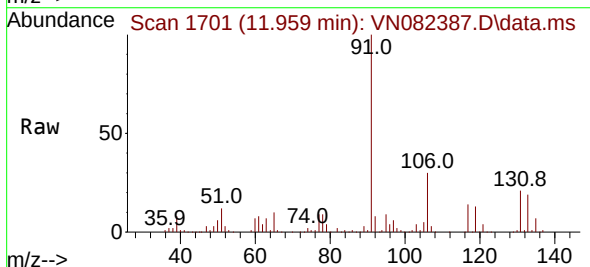
Manual Integrations
APPROVED

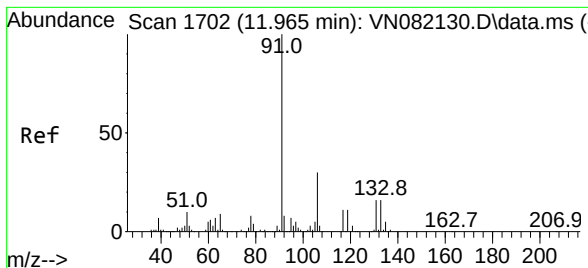
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 56.749 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Tgt Ion:131 Resp: 118906
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.6
119 64.8 32.9 98.7





#67

Ethyl Benzene

Concen: 54.139 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 61605

Ion Ratio Lower Upper

91 100

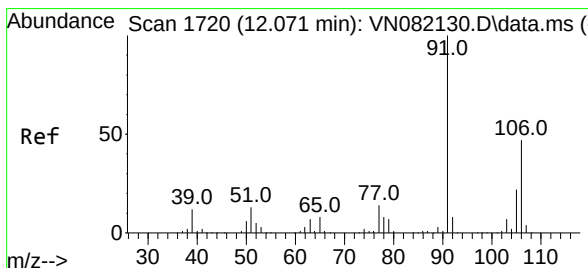
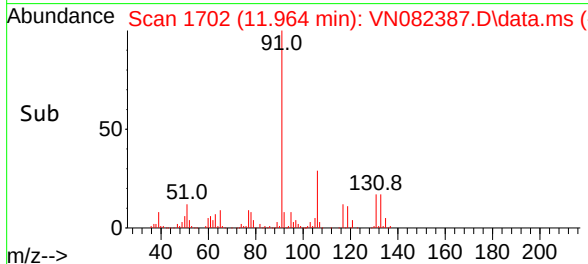
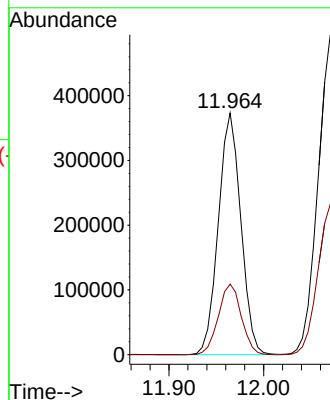
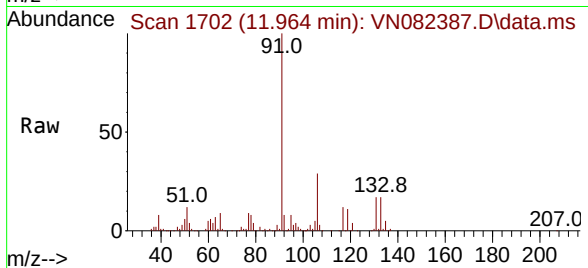
106 29.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#68

m/p-Xylenes

Concen: 110.669 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082387.D

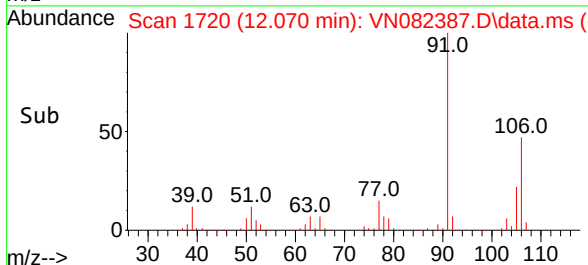
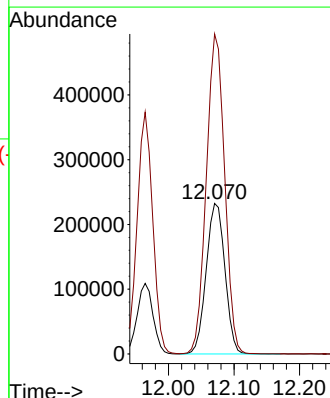
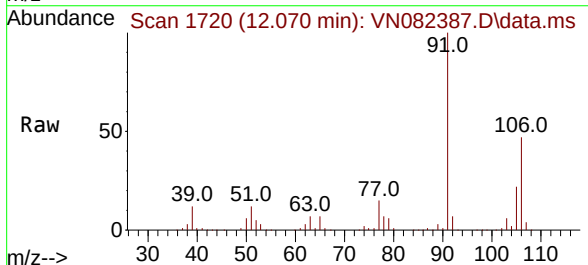
Acq: 30 May 2024 11:45

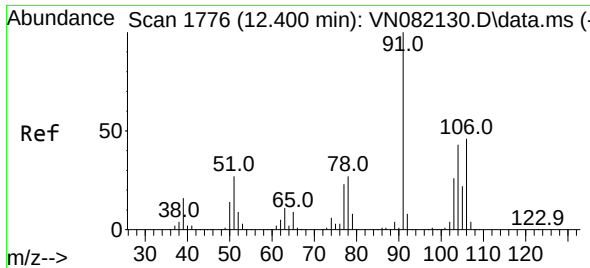
Tgt Ion:106 Resp: 461547

Ion Ratio Lower Upper

106 100

91 208.0 159.4 239.0





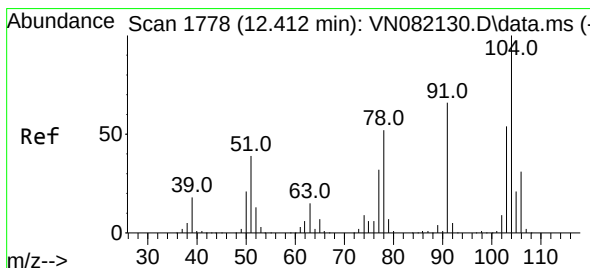
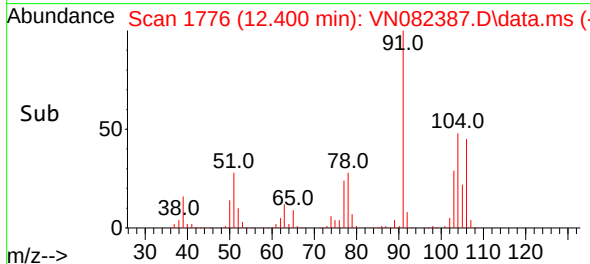
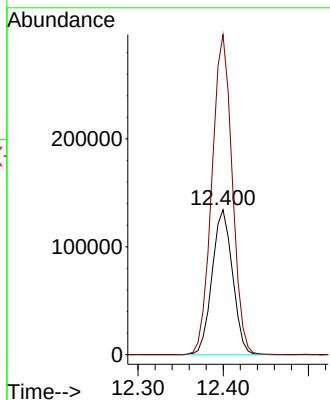
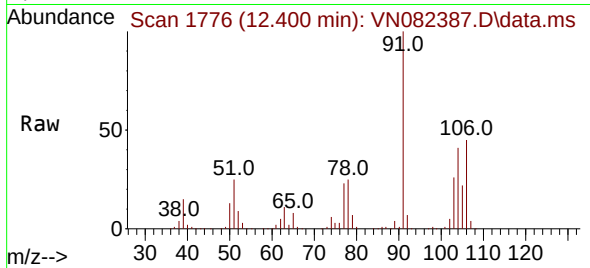
#69
o-Xylene
Concen: 55.379 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 22372
Ion Ratio Lower Upper
106 100
91 220.2 104.7 314.1

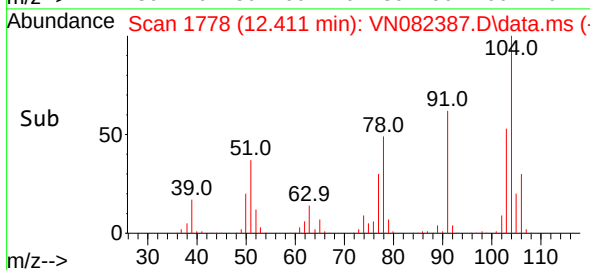
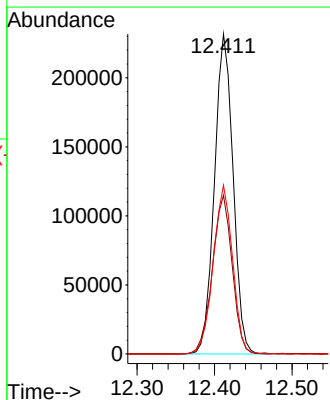
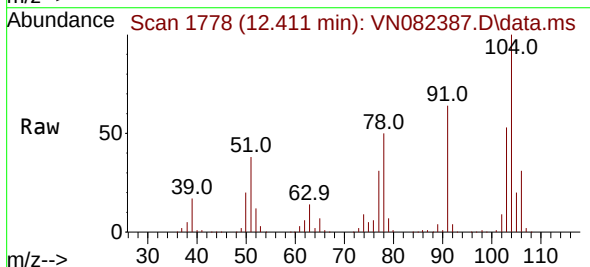
Manual Integrations
APPROVED

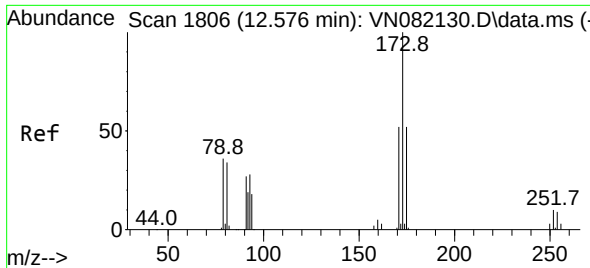
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#70
Styrene
Concen: 57.665 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

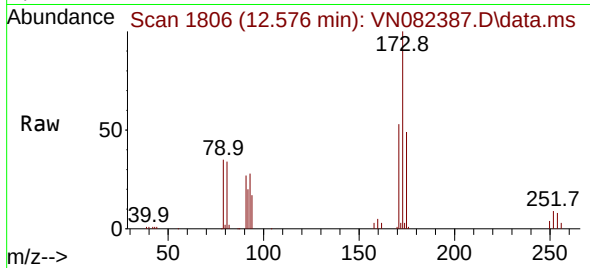
Tgt Ion:104 Resp: 386948
Ion Ratio Lower Upper
104 100
78 52.7 38.6 58.0
103 54.9 43.8 65.6





#71
Bromoform
Concen: 55.903 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

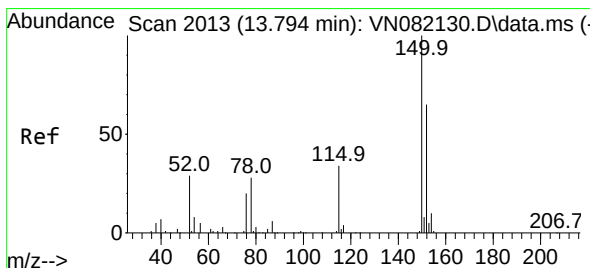
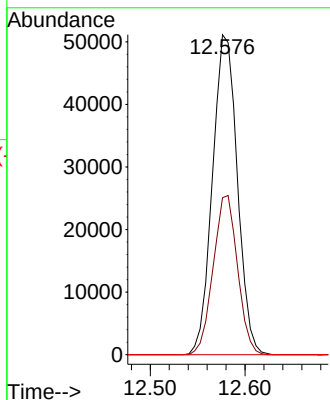
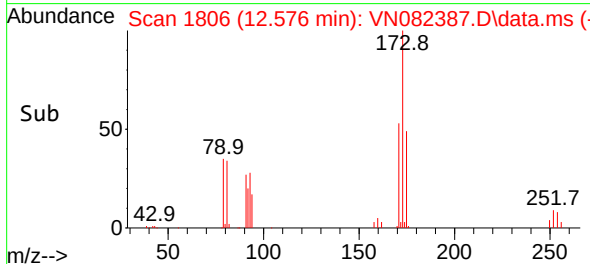
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



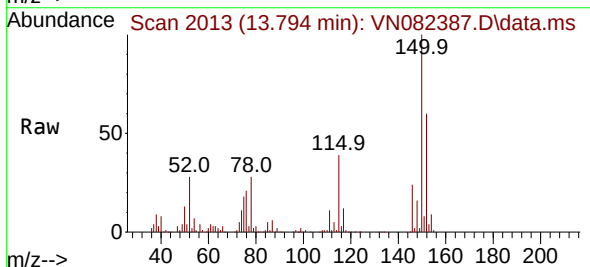
Tgt Ion:173 Resp: 9330
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

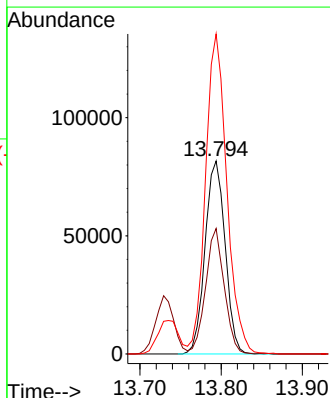
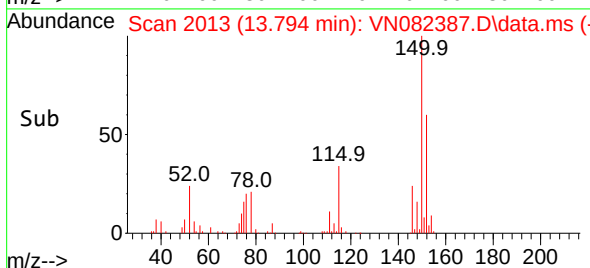
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

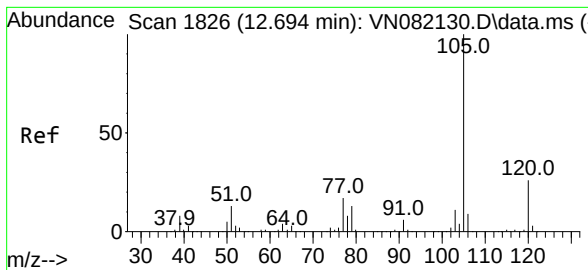


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



Tgt Ion:152 Resp: 140253
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.3
150 175.6 0.0 353.2





#73

Isopropylbenzene

Concen: 52.003 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 579430

Ion Ratio Lower Upper

105 100

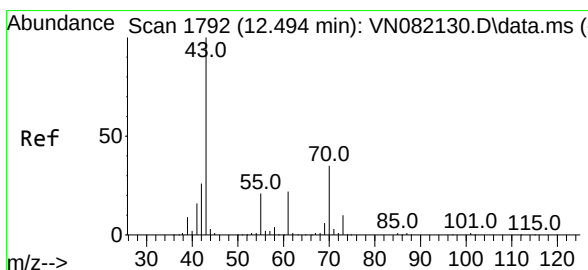
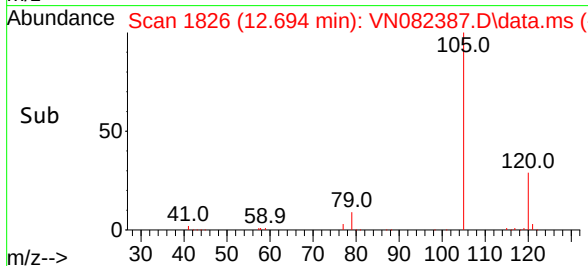
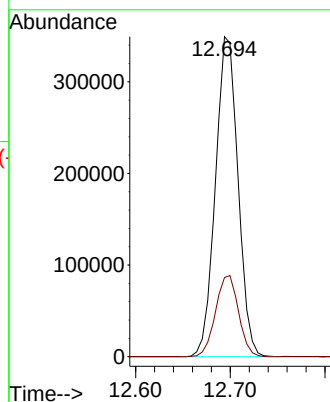
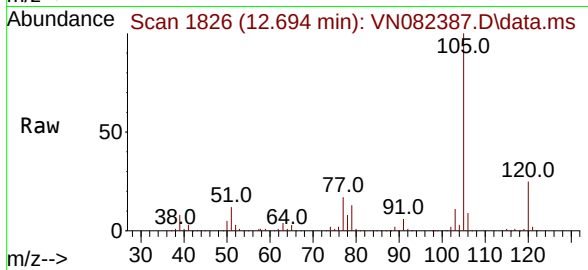
120 25.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#74

N-ethyl acetate

Concen: 48.645 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

Tgt Ion: 43 Resp: 298140

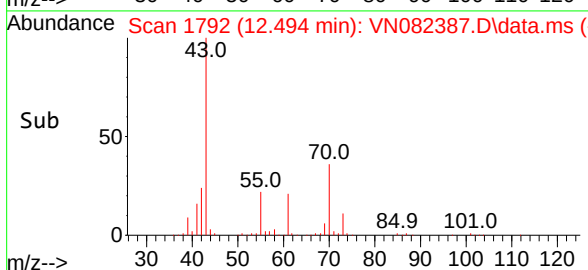
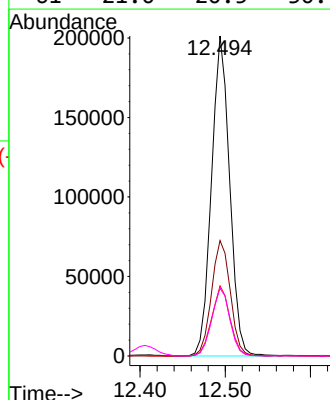
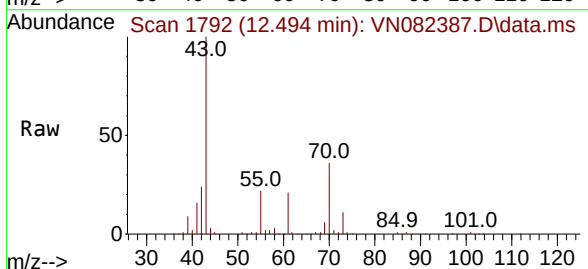
Ion Ratio Lower Upper

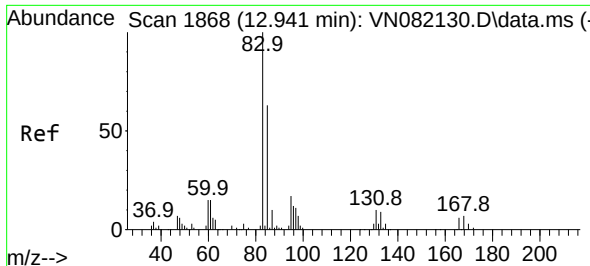
43 100

70 37.2 39.0 58.4#

55 22.1 21.3 31.9

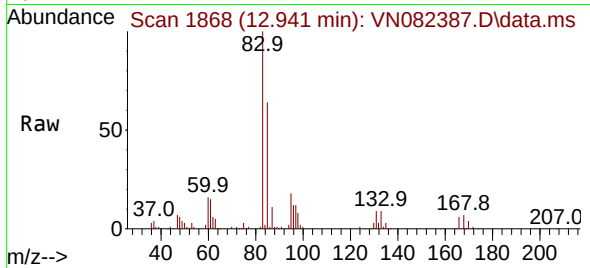
61 21.0 20.5 30.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.764 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN082387.D
 Acq: 30 May 2024 11:45

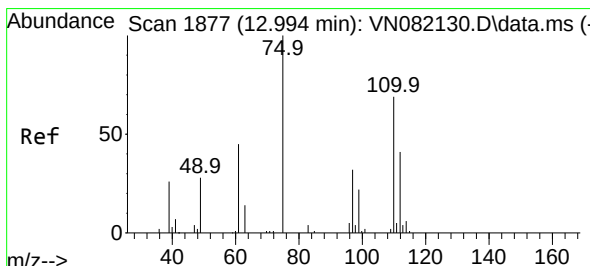
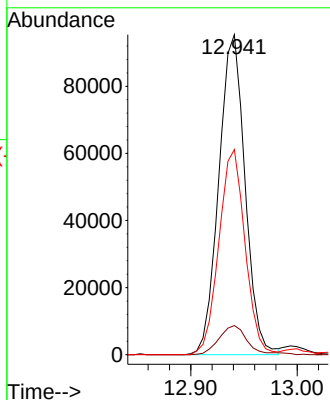
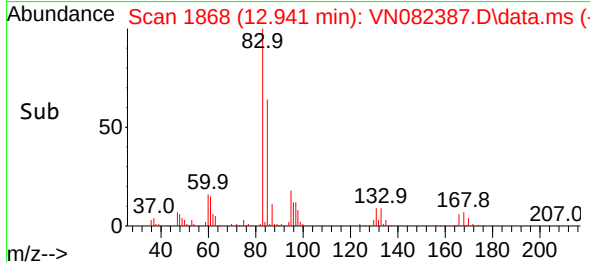
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 83 Resp: 16305
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.5 16.4
 85 63.9 32.9 98.6

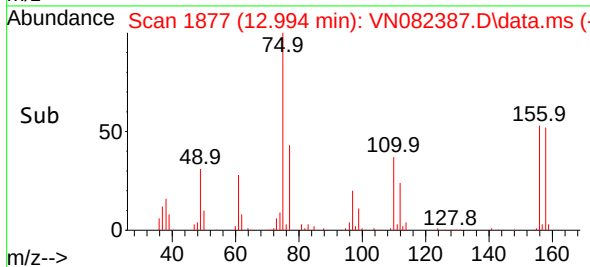
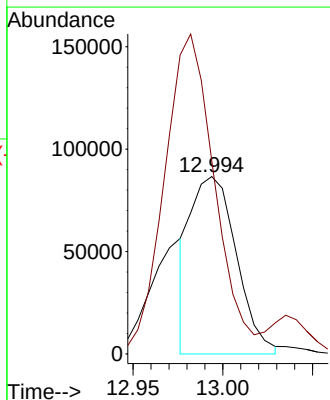
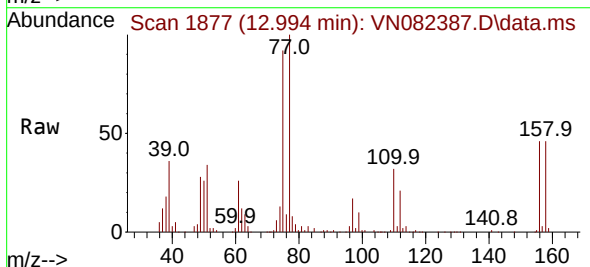
Manual Integrations
 APPROVED

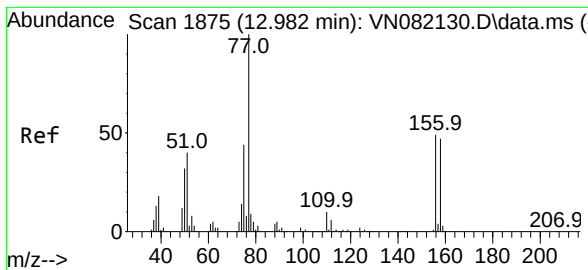
Reviewed By :John Carlone 05/31/2024
 Supervised By :Mahesh Dadoda 05/31/2024



#76
 1,2,3-Trichloropropane
 Concen: 51.807 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN082387.D
 Acq: 30 May 2024 11:45

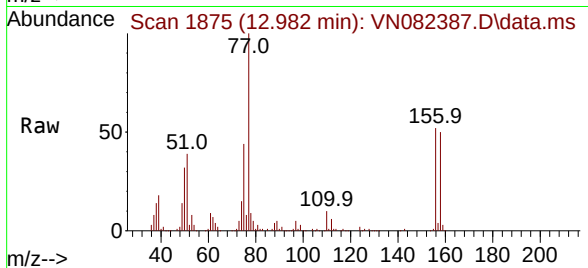
Tgt Ion: 75 Resp: 152933
 Ion Ratio Lower Upper
 75 100
 77 198.6 90.5 271.3





#77
Bromobenzene
Concen: 52.312 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

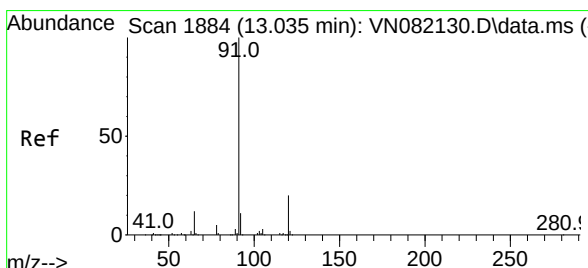
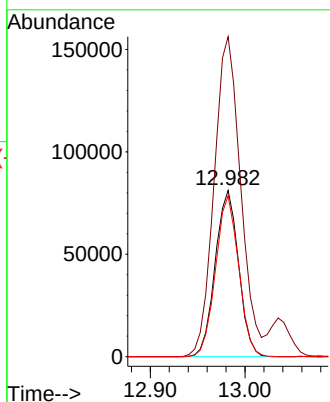
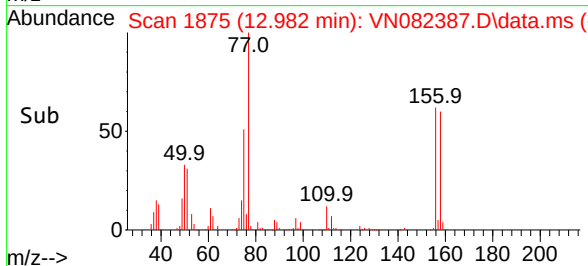
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



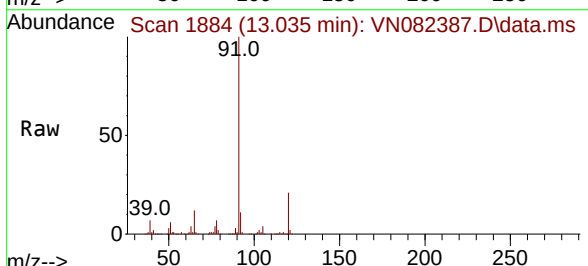
Tgt Ion:156 Resp: 13890
Ion Ratio Lower Upper
156 100
77 218.7 100.2 300.6
158 95.9 49.1 147.3

Manual Integrations
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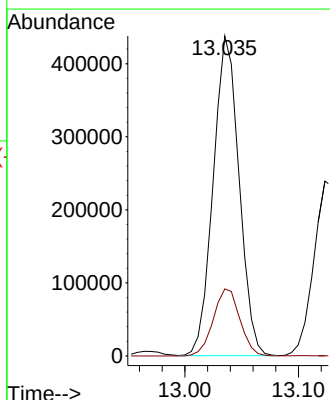
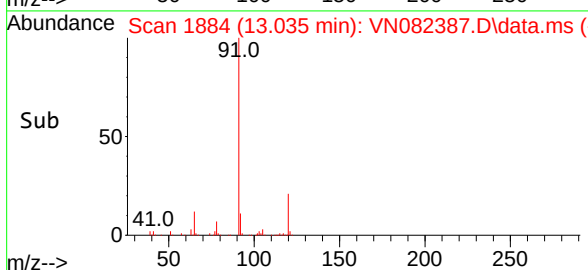
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

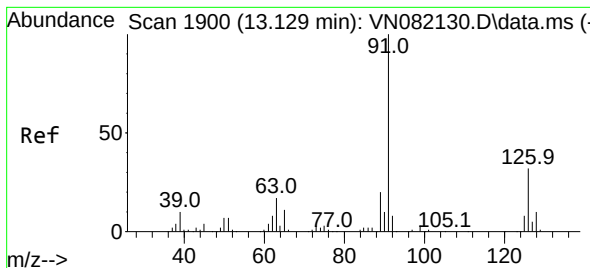


#78
n-propylbenzene
Concen: 52.442 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



Tgt Ion: 91 Resp: 691931
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0





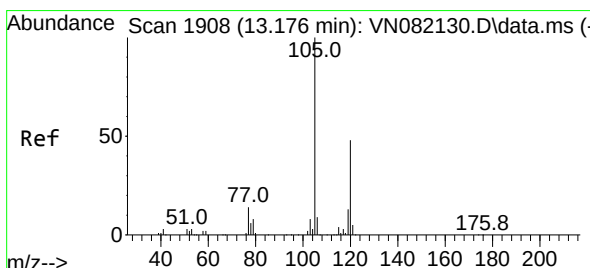
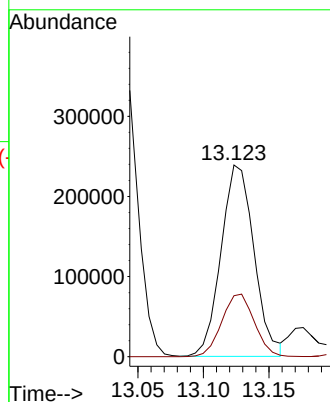
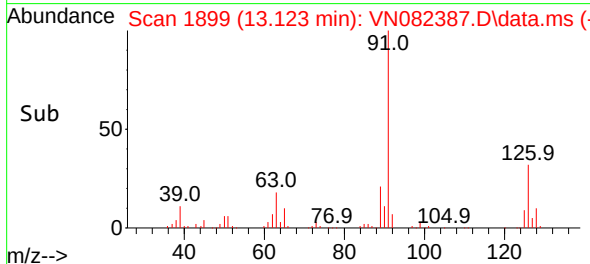
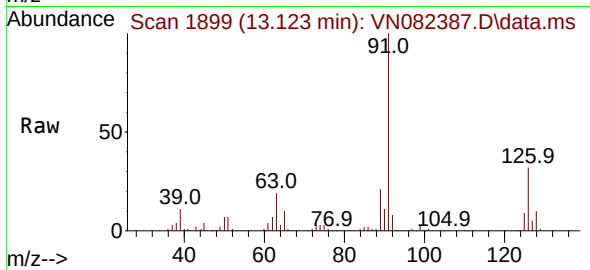
#79
2-Chlorotoluene
Concen: 50.475 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 418199
Ion Ratio Lower Upper
91 100
126 32.3 17.5 52.5

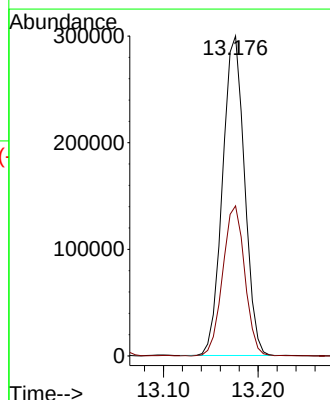
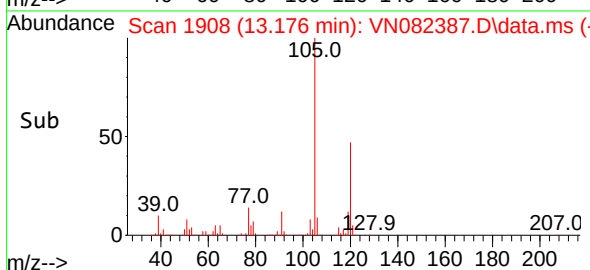
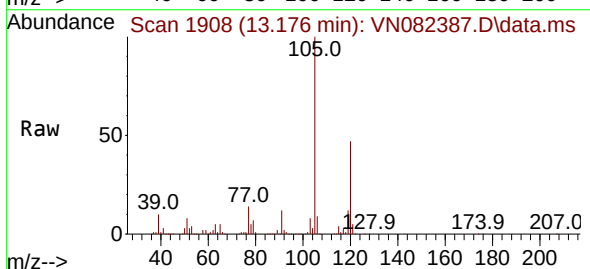
Manual Integrations
APPROVED

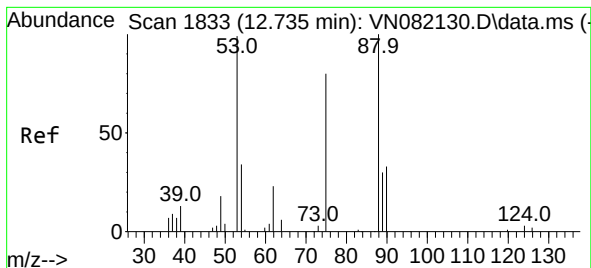
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.648 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

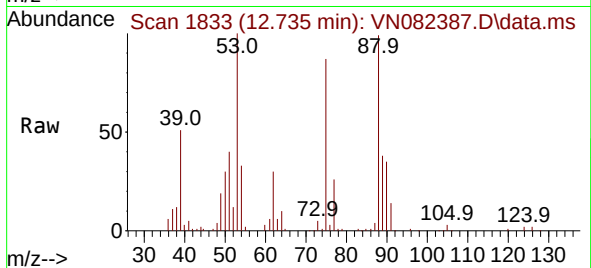
Tgt Ion:105 Resp: 483349
Ion Ratio Lower Upper
105 100
120 47.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.693 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

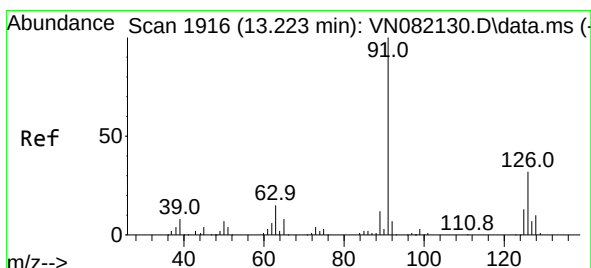
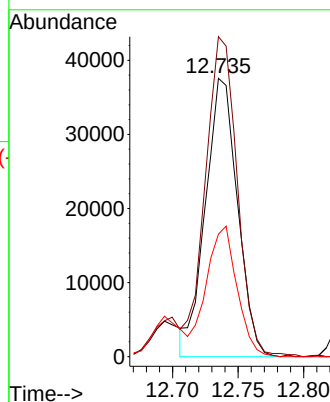
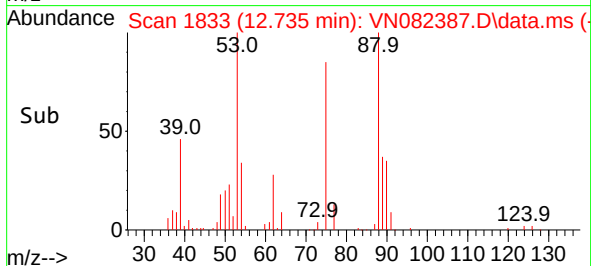
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 63979
Ion Ratio Lower Upper
75 100
53 127.0 72.9 109.3
89 44.8 39.1 58.7

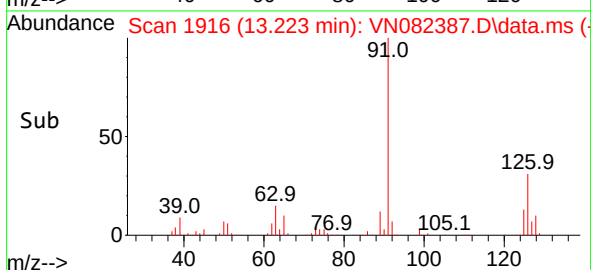
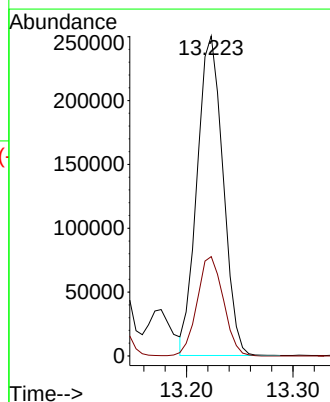
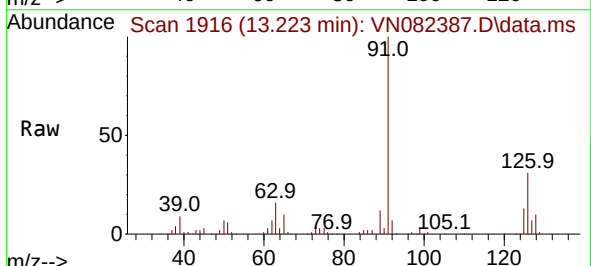
Manual Integrations
APPROVED

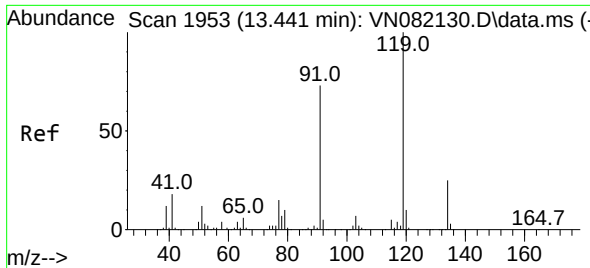
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#82
4-Chlorotoluene
Concen: 52.173 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Tgt Ion: 91 Resp: 422642
Ion Ratio Lower Upper
91 100
126 31.6 17.4 52.3





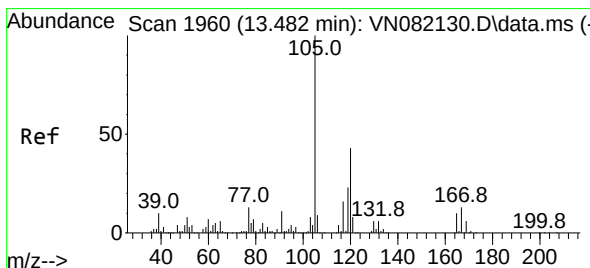
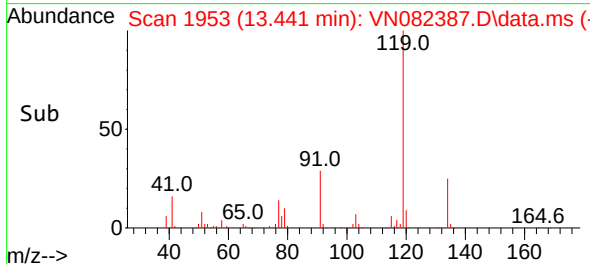
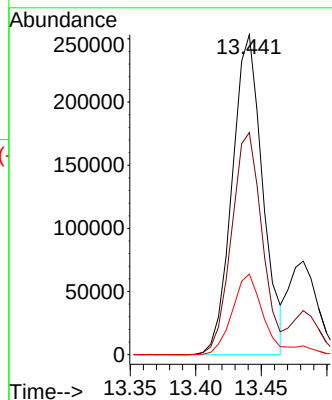
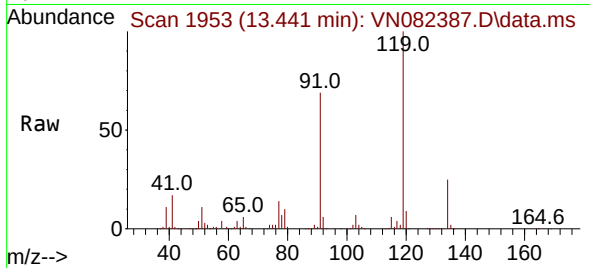
#83
tert-Butylbenzene
Concen: 52.031 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 410111
Ion Ratio Lower Upper
119 100
91 69.7 32.6 97.8
134 27.0 12.4 37.0

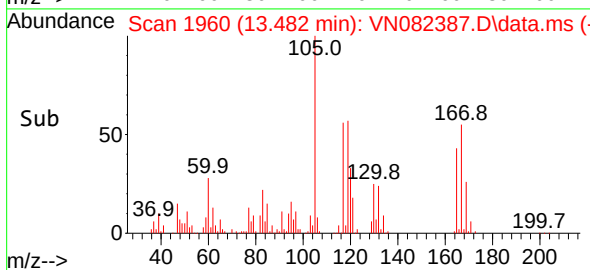
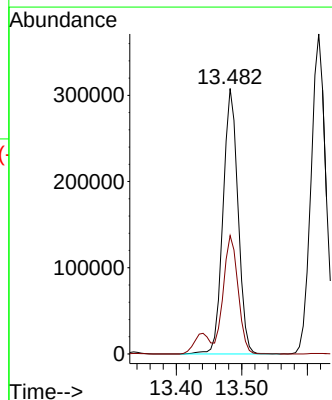
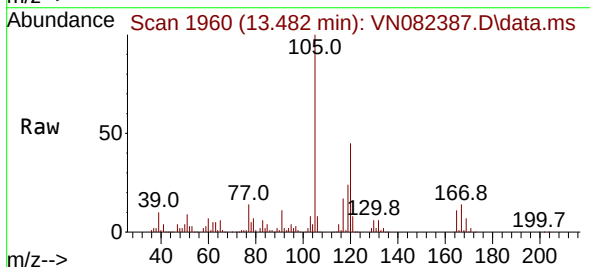
Manual Integrations
APPROVED

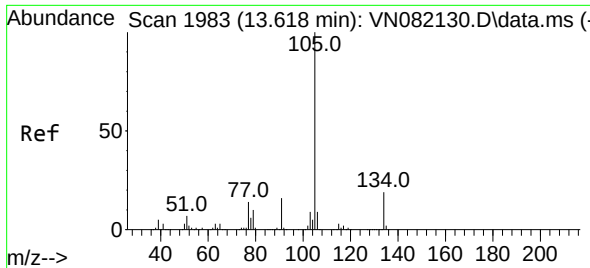
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 52.796 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Tgt Ion:105 Resp: 486653
Ion Ratio Lower Upper
105 100
120 43.4 22.9 68.7





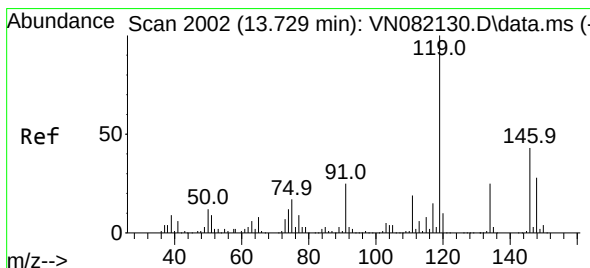
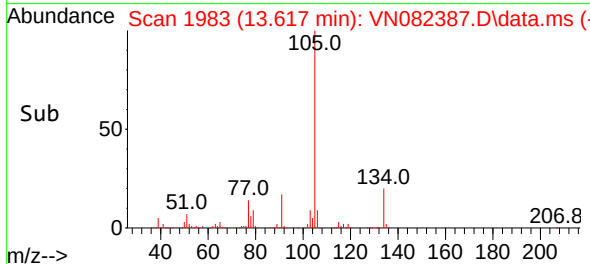
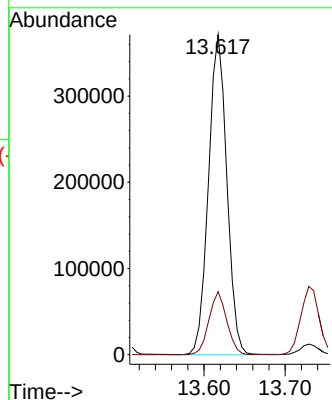
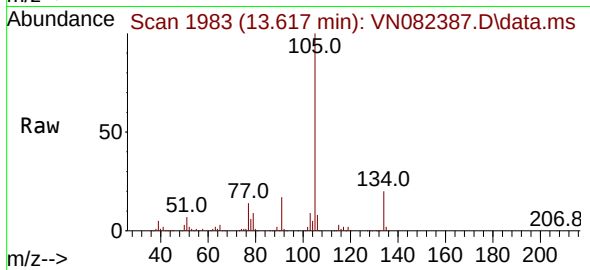
#85
 sec-Butylbenzene
 Concen: 53.287 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082387.D
 Acq: 30 May 2024 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 582174
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.4

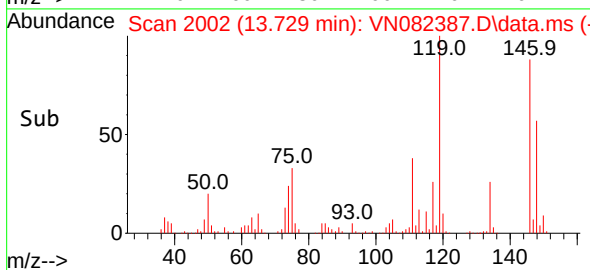
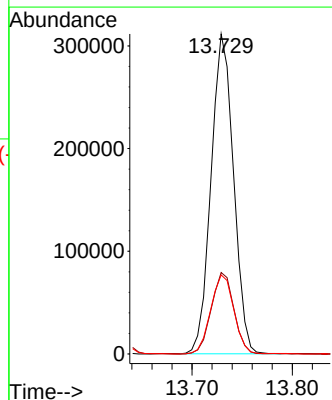
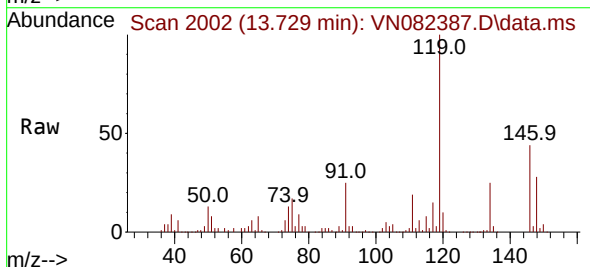
Manual Integrations
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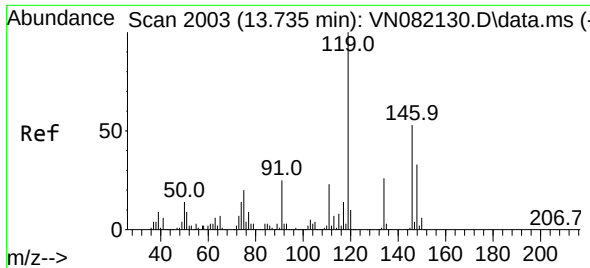
Reviewed By :John Carlone 05/31/2024
 Supervised By :Mahesh Dadoda 05/31/2024



#86
 p-Isopropyltoluene
 Concen: 54.538 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082387.D
 Acq: 30 May 2024 11:45

Tgt Ion:119 Resp: 484242
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 25.4 11.8 35.3





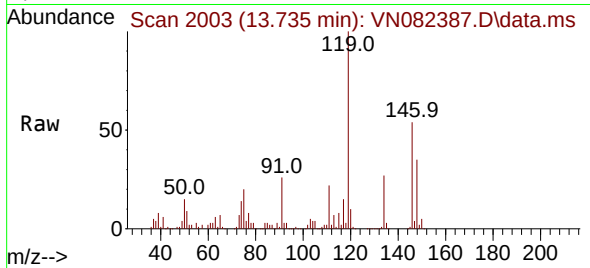
#87
1,3-Dichlorobenzene
Concen: 52.575 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



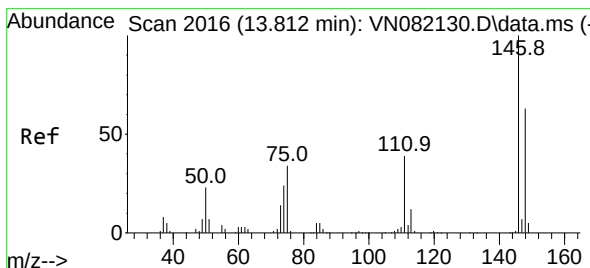
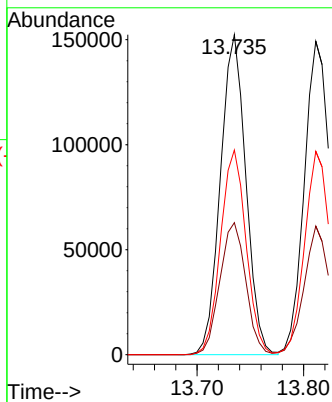
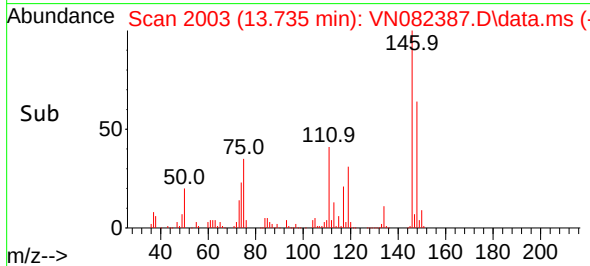
Tgt Ion:146 Resp: 25292
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.5
148 64.1 32.1 96.3

Manual Integrations

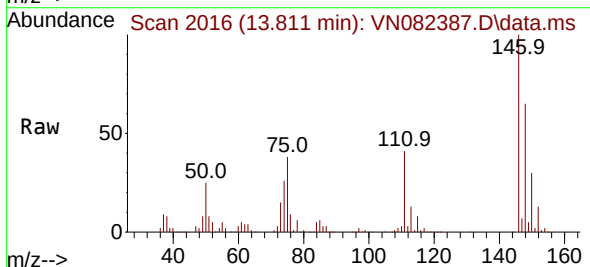
APPROVED

Reviewed By :John Carlone 05/31/2024

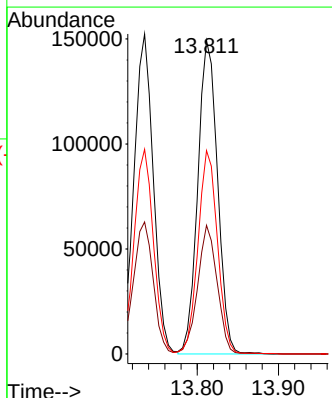
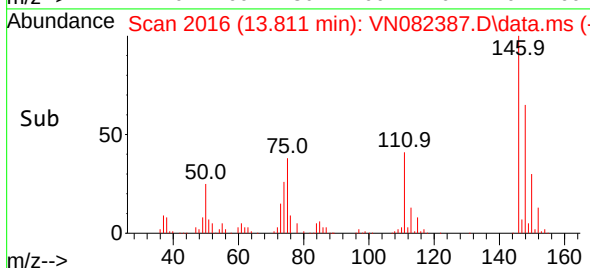
Supervised By :Mahesh Dadoda 05/31/2024

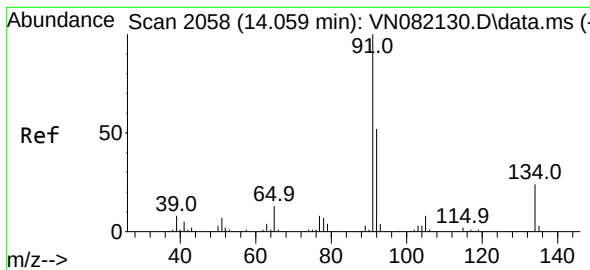


#88
1,4-Dichlorobenzene
Concen: 51.499 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



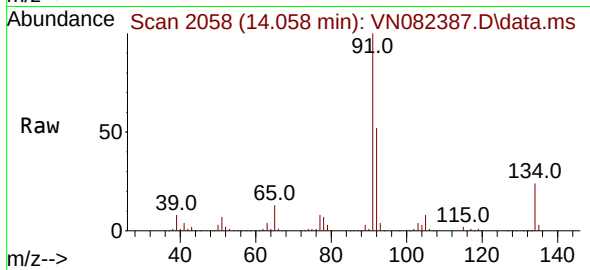
Tgt Ion:146 Resp: 252856
Ion Ratio Lower Upper
146 100
111 40.7 19.3 57.9
148 64.0 31.3 93.9





#89
n-Butylbenzene
Concen: 54.195 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

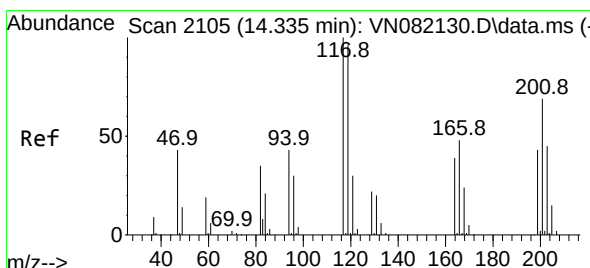
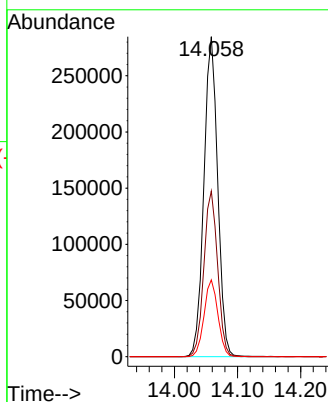
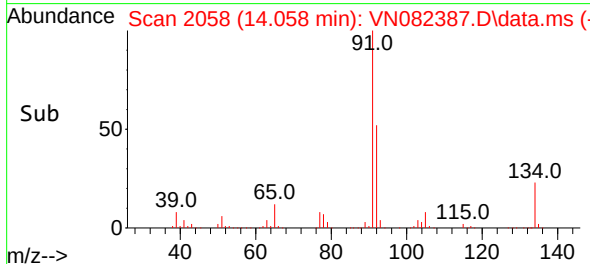
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 432498
Ion Ratio Lower Upper
91 100
92 51.5 26.2 78.5
134 24.1 13.2 39.5

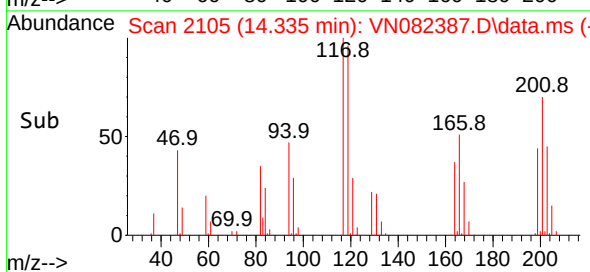
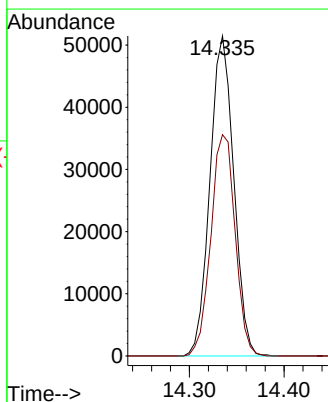
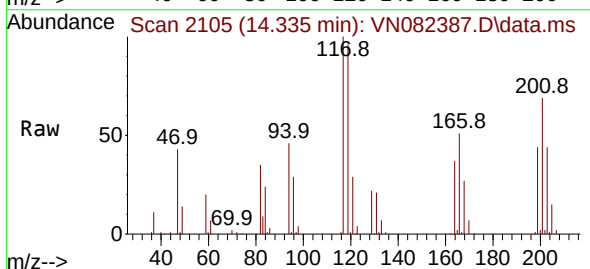
Manual Integrations
APPROVED

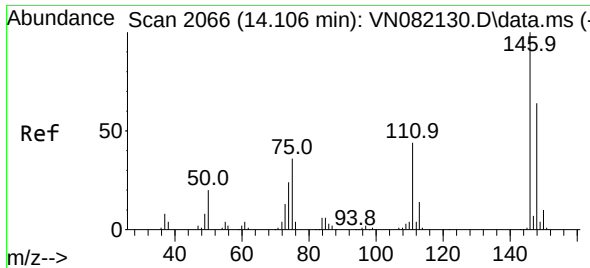
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#90
Hexachloroethane
Concen: 54.598 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

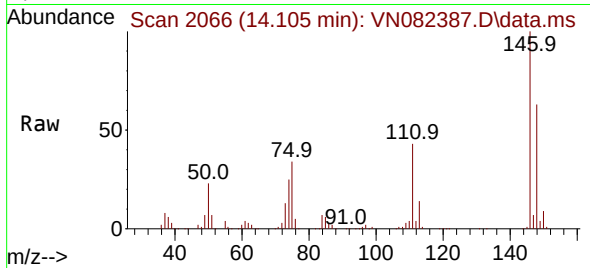
Tgt Ion:117 Resp: 89817
Ion Ratio Lower Upper
117 100
201 70.7 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 53.216 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

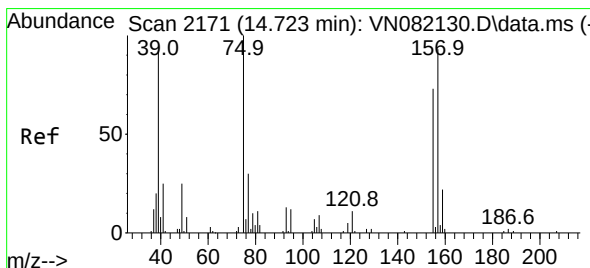
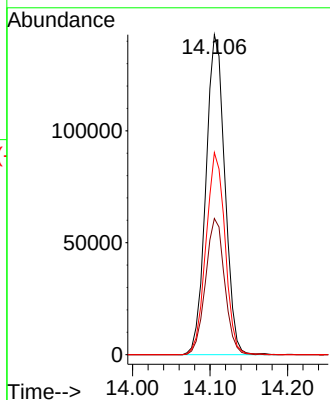
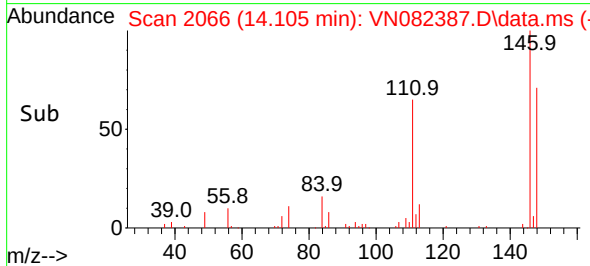
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



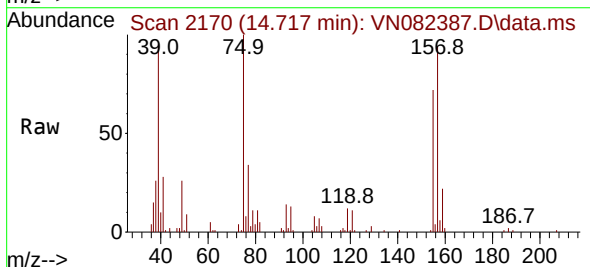
Tgt Ion:146 Resp: 242330
Ion Ratio Lower Upper
146 100
111 42.9 21.3 64.0
148 63.6 31.8 95.4

Manual Integrations
APPROVED

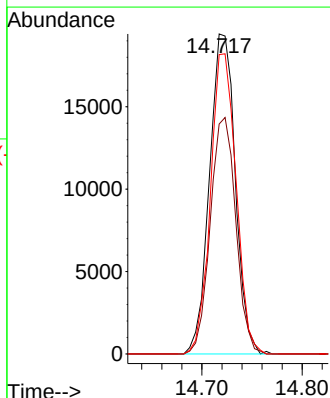
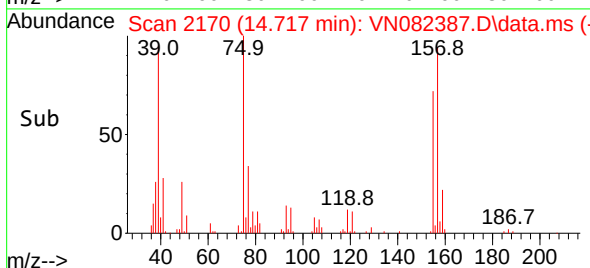
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

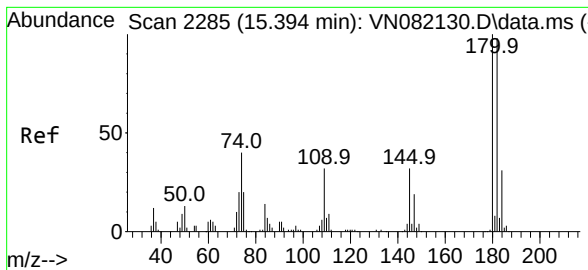


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.525 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



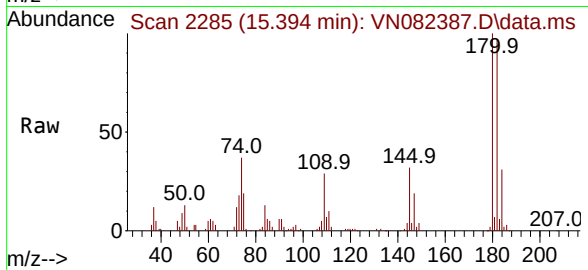
Tgt Ion: 75 Resp: 34662
Ion Ratio Lower Upper
75 100
155 73.2 42.6 128.0
157 93.0 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 52.567 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45

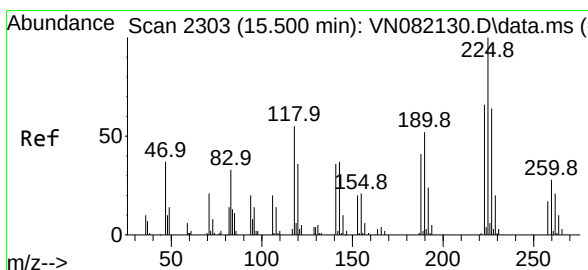
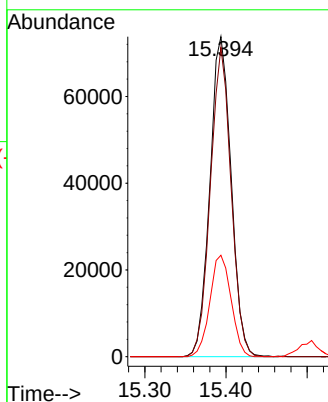
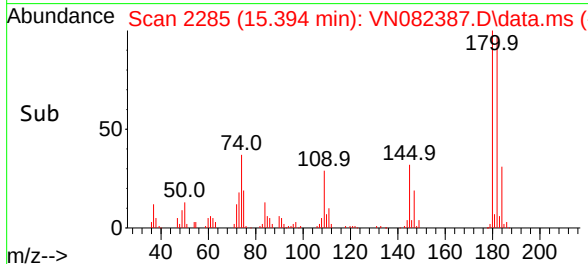
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



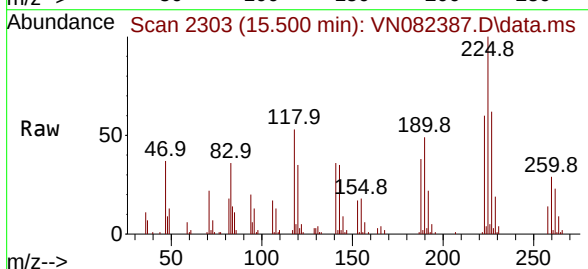
Tgt Ion:180 Resp: 13417
Ion Ratio Lower Upper
180 100
182 94.1 46.7 140.0
145 31.7 16.2 48.6

Manual Integrations
APPROVED

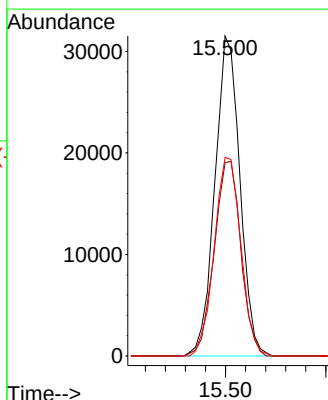
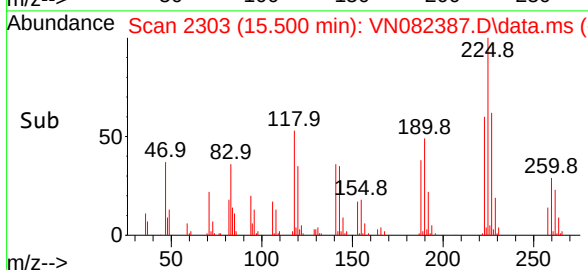
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

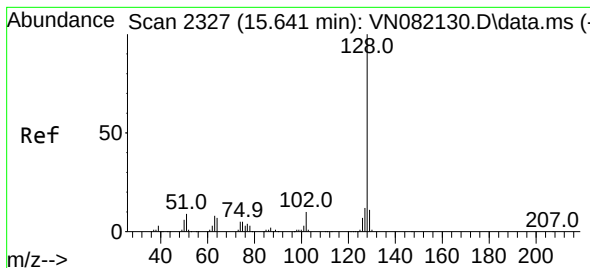


#94
Hexachlorobutadiene
Concen: 48.739 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN082387.D
Acq: 30 May 2024 11:45



Tgt Ion:225 Resp: 54589
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.2
227 65.8 30.6 91.6





#95

Naphthalene

Concen: 54.057 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

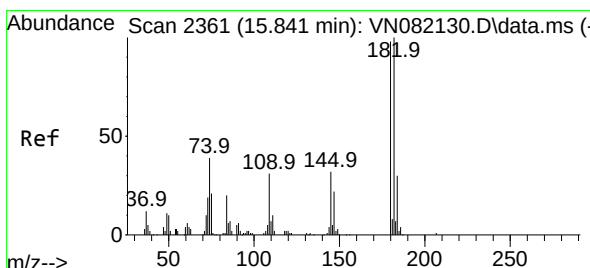
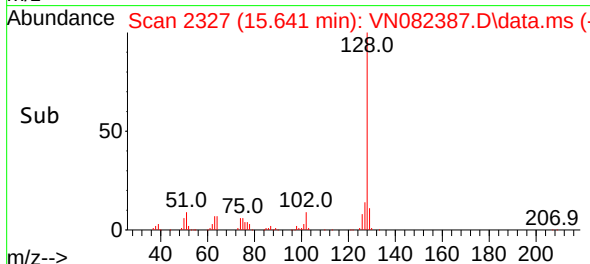
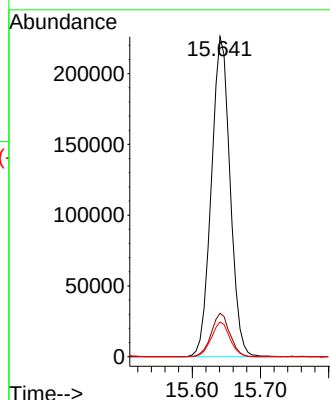
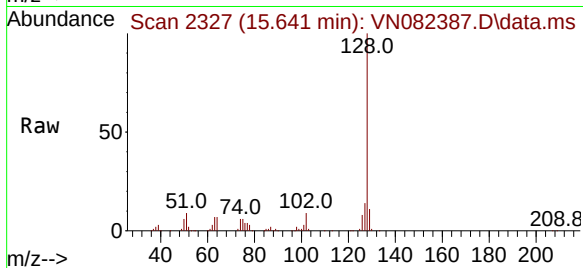
Tgt Ion:128	Resp: 43241
Ion Ratio	Lower Upper
128 100	
127 13.4	10.1 15.1
129 10.7	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.881 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082387.D

Acq: 30 May 2024 11:45

Tgt Ion:180	Resp: 132570
Ion Ratio	Lower Upper
180 100	
182 95.3	46.0 137.8
145 32.3	17.1 51.3

