

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082459.D
 Acq On : 05 Jun 2024 10:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 00:51:11 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	196582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143946	46.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.740%		
35) Dibromofluoromethane	8.171	113	104109	52.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.140%		
50) Toluene-d8	10.571	98	373435	48.718	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.440%		
62) 4-Bromofluorobenzene	12.847	95	142354	52.032	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	122811	43.331	ug/l	99
3) Chloromethane	2.359	50	134957	42.016	ug/l	100
4) Vinyl Chloride	2.512	62	136741	45.284	ug/l	99
5) Bromomethane	2.948	94	76547	44.102	ug/l	100
6) Chloroethane	3.112	64	95768	48.571	ug/l	99
7) Trichlorofluoromethane	3.495	101	200400	50.681	ug/l	98
8) Diethyl Ether	3.959	74	73765	52.366	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	119533	51.749	ug/l	99
10) Methyl Iodide	4.589	142	116963	50.370	ug/l	95
11) Tert butyl alcohol	5.524	59	120920	242.678	ug/l	100
12) 1,1-Dichloroethene	4.336	96	106112	49.425	ug/l #	81
13) Acrolein	4.177	56	79190	214.468	ug/l	96
14) Allyl chloride	5.024	41	214595	46.686	ug/l #	92
15) Acrylonitrile	5.718	53	359752	278.776	ug/l	99
16) Acetone	4.430	43	314170	246.727	ug/l	89
17) Carbon Disulfide	4.712	76	260644	37.589	ug/l	98
18) Methyl Acetate	5.024	43	195820	61.751	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	433282	55.213	ug/l	94
20) Methylene Chloride	5.277	84	131126	51.039	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	114519	48.948	ug/l #	80
22) Diisopropyl ether	6.671	45	525338	54.733	ug/l #	93
23) Vinyl Acetate	6.606	43	1992584	263.310	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	259609	52.476	ug/l	98
25) 2-Butanone	7.483	43	519879	269.284	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	228346	55.106	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	148550	53.801	ug/l	83
28) Bromochloromethane	7.812	49	102649	47.637	ug/l #	76
29) Tetrahydrofuran	7.835	42	345299	278.568	ug/l #	83
30) Chloroform	7.965	83	263971	55.875	ug/l	100
31) Cyclohexane	8.259	56	208567	42.069	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	230660	55.034	ug/l	93
36) 1,1-Dichloropropene	8.377	75	176314	52.581	ug/l	96
37) Ethyl Acetate	7.559	43	210425	56.074	ug/l #	95
38) Carbon Tetrachloride	8.365	117	197738	58.173	ug/l	99
39) Methylcyclohexane	9.600	83	181821	49.468	ug/l #	82
40) Benzene	8.606	78	550293	55.034	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	122806	55.645	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	215924	56.147	ug/l	95
43) Isopropyl Acetate	8.688	43	388372	58.407	ug/l #	88
44) Trichloroethene	9.353	130	121852	53.647	ug/l	88
45) 1,2-Dichloropropane	9.624	63	147697	57.249	ug/l	98
46) Dibromomethane	9.712	93	96251	56.826	ug/l	98
47) Bromodichloromethane	9.888	83	218140	61.005	ug/l #	99
48) Methyl methacrylate	9.682	41	183014	57.762	ug/l #	83
49) 1,4-Dioxane	9.700	88	50868	1145.715	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1142864	302.507	ug/l	90
52) Toluene	10.629	92	347067	57.839	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	224796	60.786	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	230082	58.776	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	132589	60.803	ug/l	97
56) Ethyl methacrylate	10.876	69	227842	61.541	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	234719	57.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	490412	256.807	ug/l	92
59) 2-Hexanone	11.194	43	849391	307.055	ug/l	89
60) Dibromochloromethane	11.359	129	161044	66.921	ug/l	100
61) 1,2-Dibromoethane	11.471	107	130629	58.321	ug/l	99
64) Tetrachloroethene	11.106	164	123044	55.527	ug/l	97
65) Chlorobenzene	11.894	112	373963	56.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	138246	63.546	ug/l	99
67) Ethyl Benzene	11.965	91	671517	56.837	ug/l	99
68) m/p-Xylenes	12.070	106	505234	116.677	ug/l	94
69) o-Xylene	12.400	106	244698	58.337	ug/l	93
70) Styrene	12.412	104	428723	61.535	ug/l	97
71) Bromoform	12.582	173	109229	62.943	ug/l #	98
73) Isopropylbenzene	12.700	105	638111	53.937	ug/l	98
74) N-amyl acetate	12.494	43	335523	51.559	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	188728	55.340	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	179147m	57.156	ug/l	
77) Bromobenzene	12.982	156	155289	55.079	ug/l	89
78) n-propylbenzene	13.035	91	772333	55.130	ug/l	97
79) 2-Chlorotoluene	13.129	91	464809	52.837	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	532815	55.698	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	76322m	56.954	ug/l	
82) 4-Chlorotoluene	13.223	91	472193	54.899	ug/l	94
83) tert-Butylbenzene	13.441	119	459267	54.877	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	544916	55.677	ug/l	97
85) sec-Butylbenzene	13.617	105	647366	55.807	ug/l	98
86) p-Isopropyltoluene	13.729	119	541071	57.393	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	288277	56.438	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	283157	54.315	ug/l	97
89) n-Butylbenzene	14.059	91	480504	56.707	ug/l	98
90) Hexachloroethane	14.335	117	104781	59.989	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	275515	56.984	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40676	58.052	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	150136	55.397	ug/l	99
94) Hexachlorobutadiene	15.506	225	64897	54.571	ug/l	96
95) Naphthalene	15.641	128	498247	58.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	154469	56.934	ug/l	98

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ClientSampleId :
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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

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ClientSampleId :

VSTDCCC050

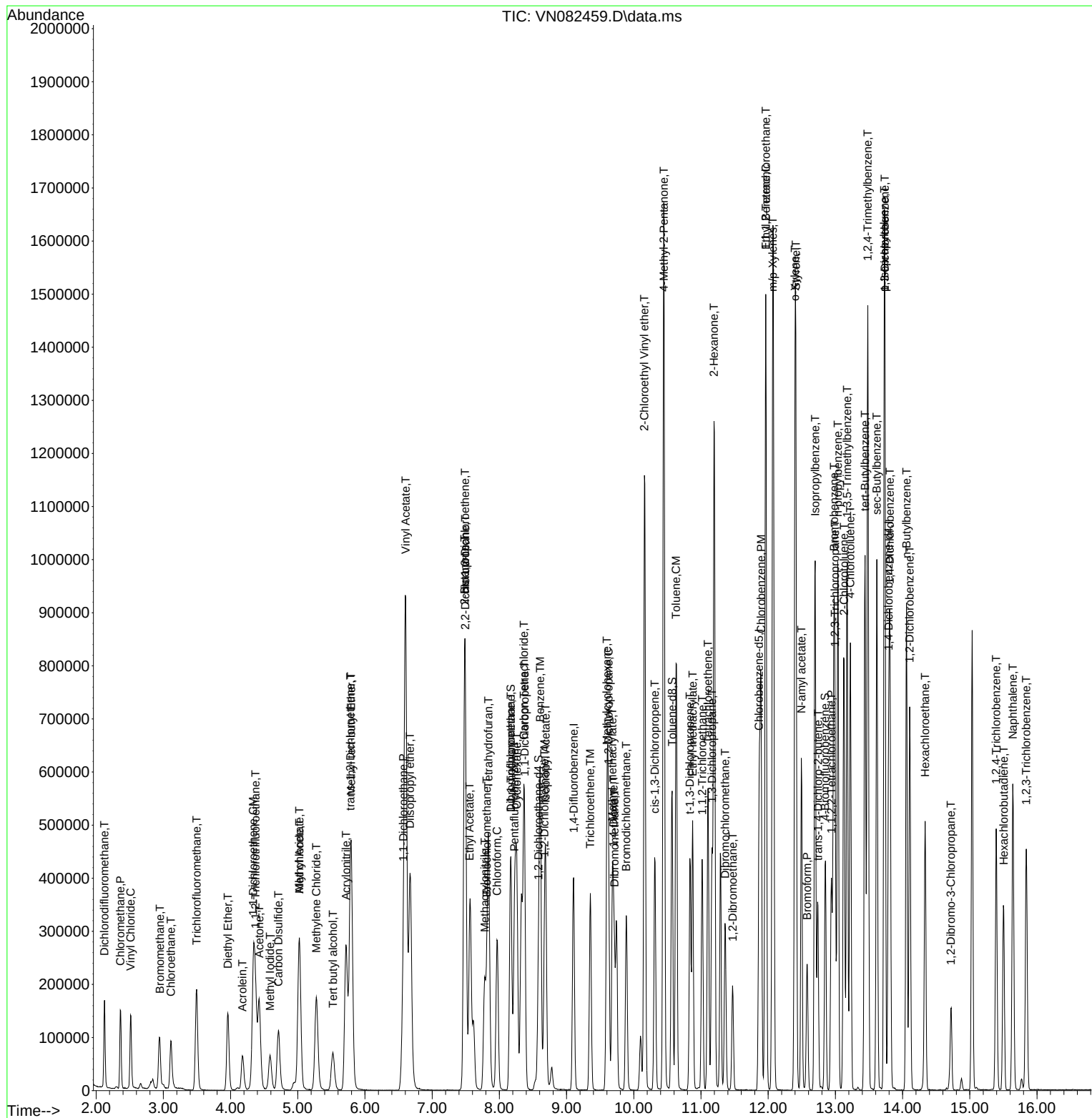
Manual Integrations

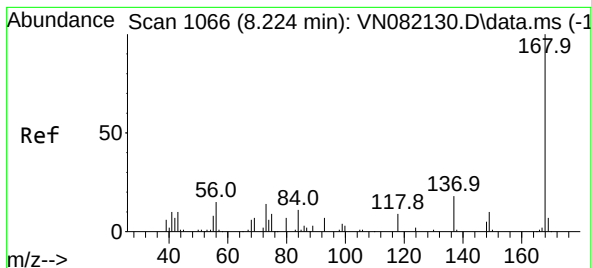
APPROVED

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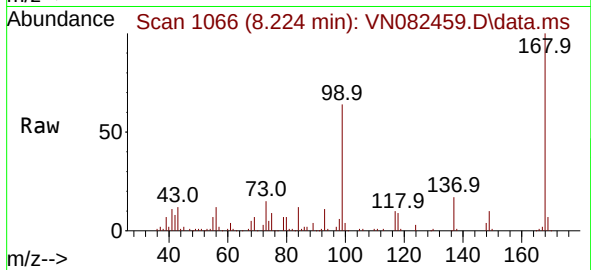
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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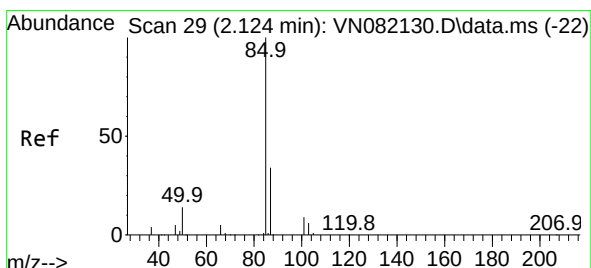
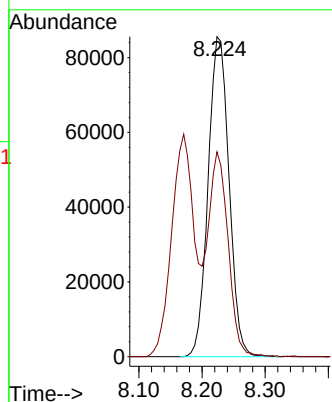
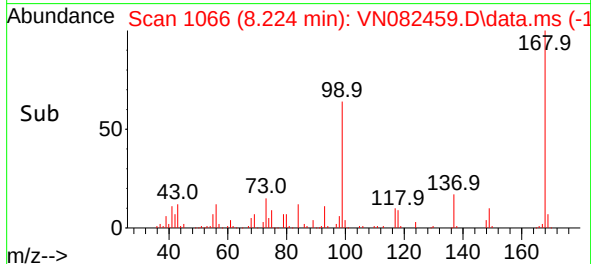
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 19658
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4

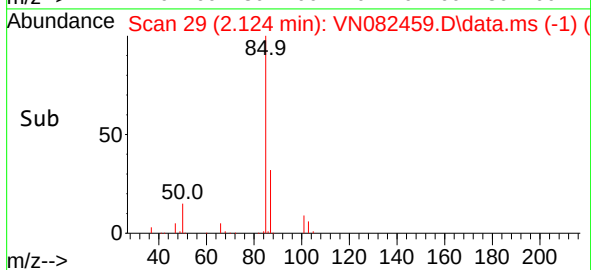
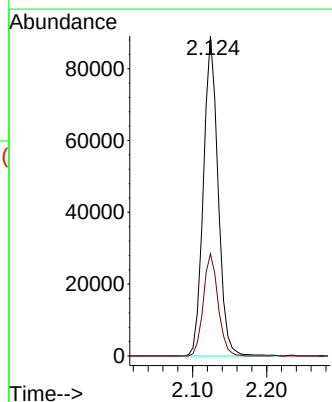
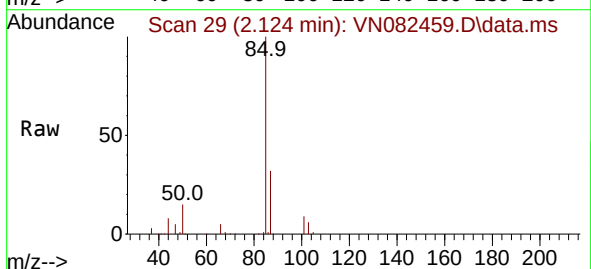
Manual Integrations
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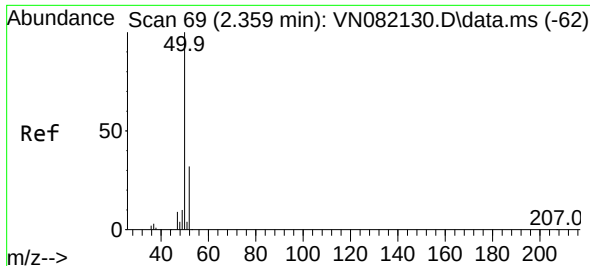
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#2
Dichlorodifluoromethane
Concen: 43.331 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

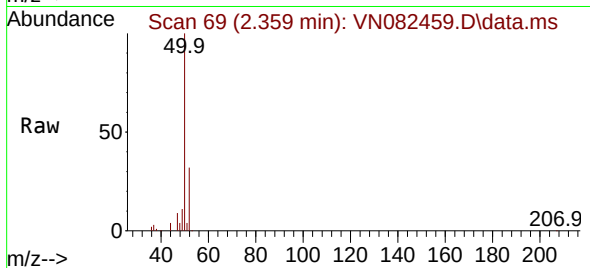
Tgt Ion: 85 Resp: 122811
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 42.016 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

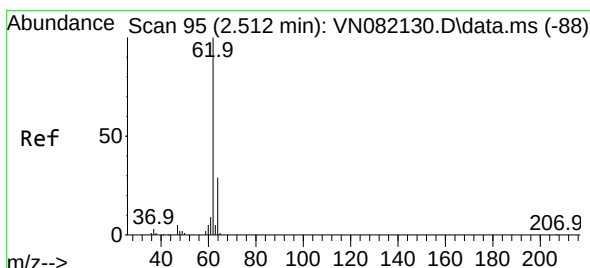
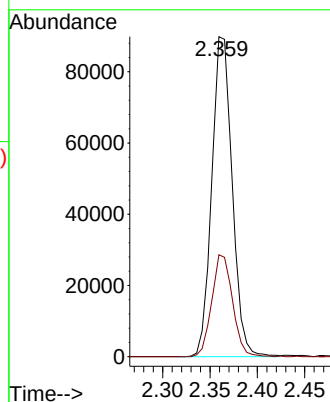
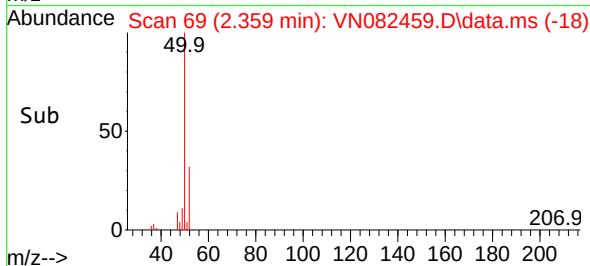
Instrument :
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Tgt Ion: 50 Resp: 13495
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3

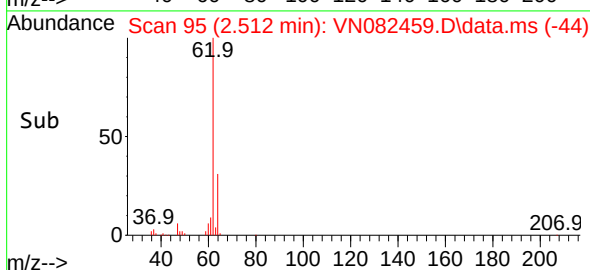
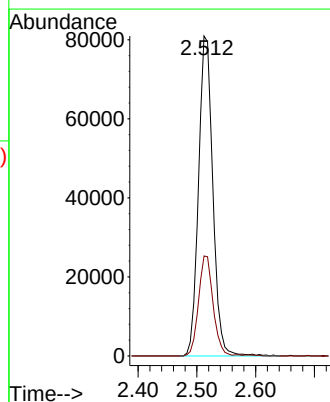
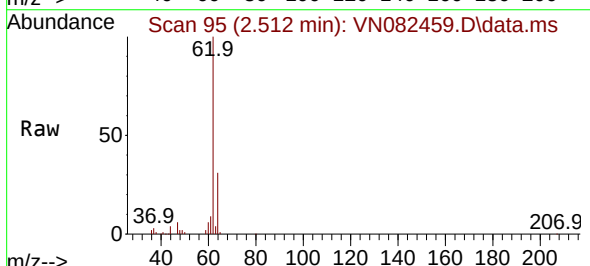
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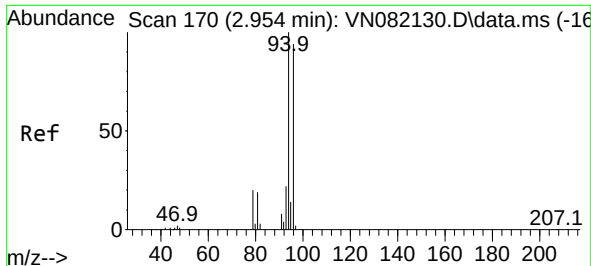
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#4
Vinyl Chloride
Concen: 45.284 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082459.D
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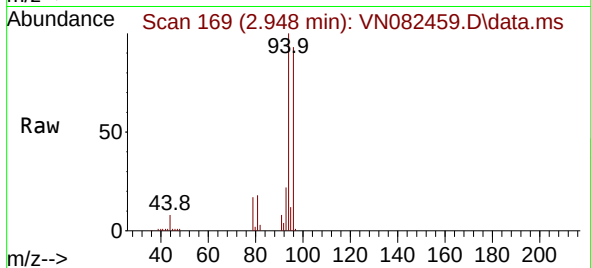
Tgt Ion: 62 Resp: 136741
Ion Ratio Lower Upper
62 100
64 31.2 24.6 37.0





#5
Bromomethane
Concen: 44.102 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

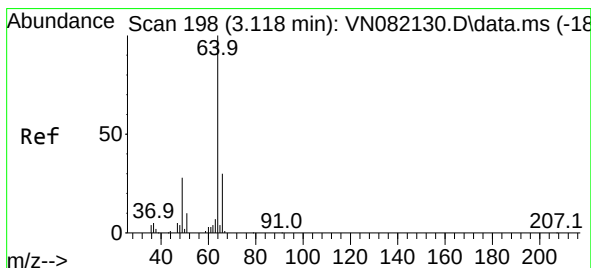
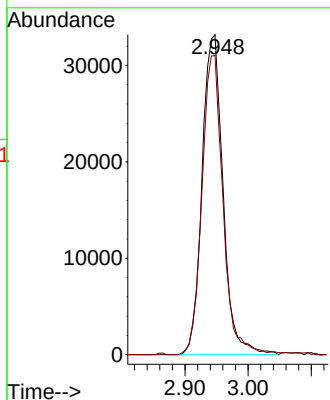
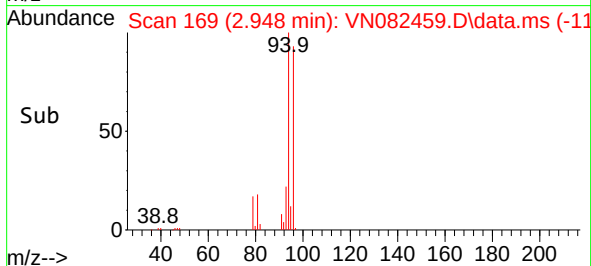
Instrument :
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Tgt Ion: 94 Resp: 7654
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2

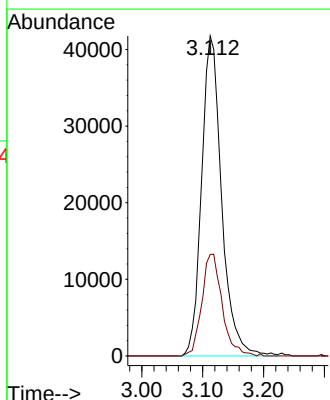
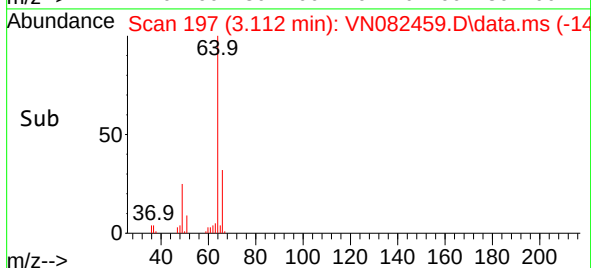
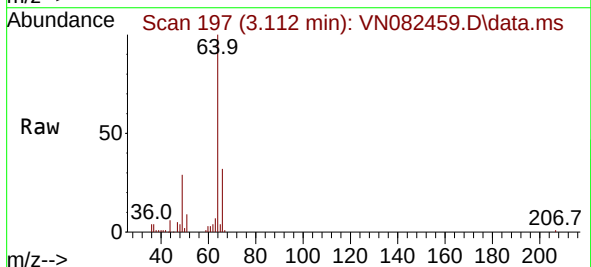
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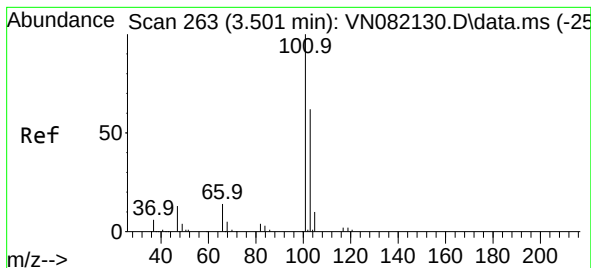
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#6
Chloroethane
Concen: 48.571 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion: 64 Resp: 95768
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1





#7

Trichlorofluoromethane

Concen: 50.681 ug/l

RT: 3.495 min Scan# 2

Delta R.T. -0.006 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 200400

Ion Ratio Lower Upper

101 100

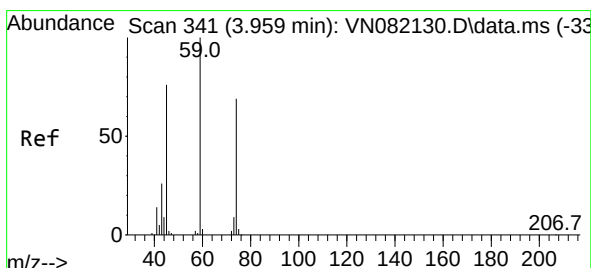
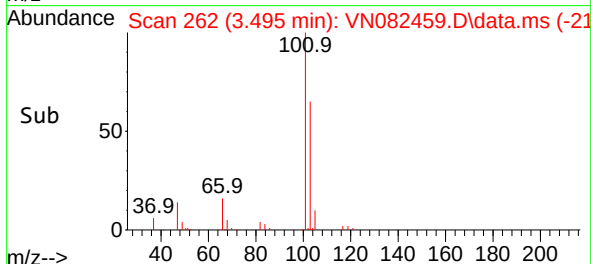
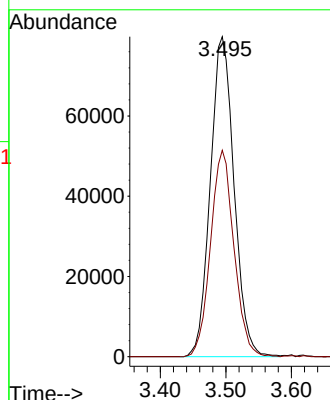
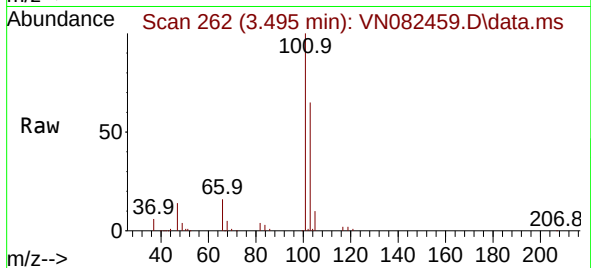
103 64.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#8

Diethyl Ether

Concen: 52.366 ug/l

RT: 3.959 min Scan# 341

Delta R.T. -0.000 min

Lab File: VN082459.D

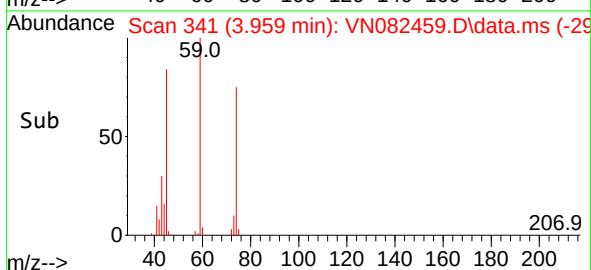
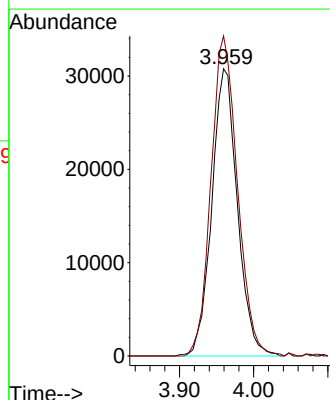
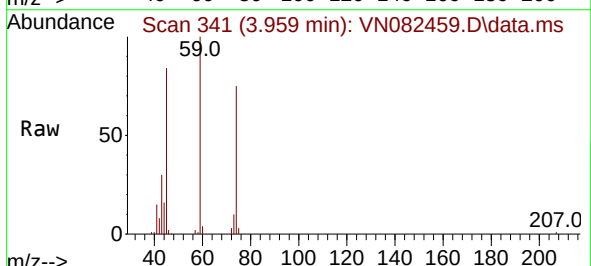
Acq: 05 Jun 2024 10:15

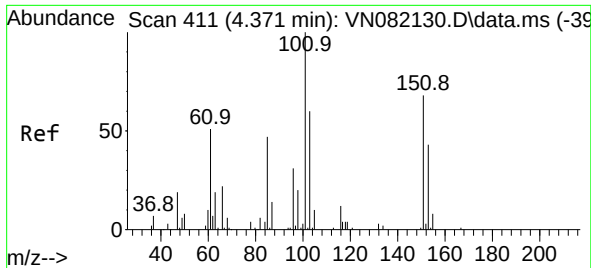
Tgt Ion: 74 Resp: 73765

Ion Ratio Lower Upper

74 100

45 115.5 42.4 127.3





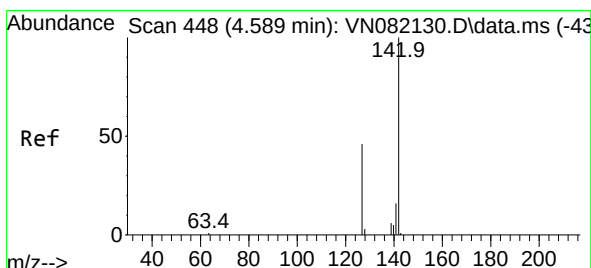
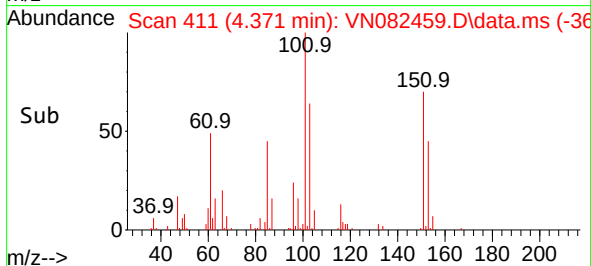
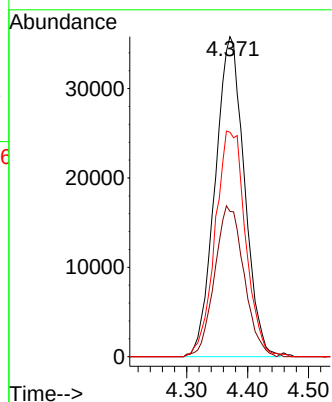
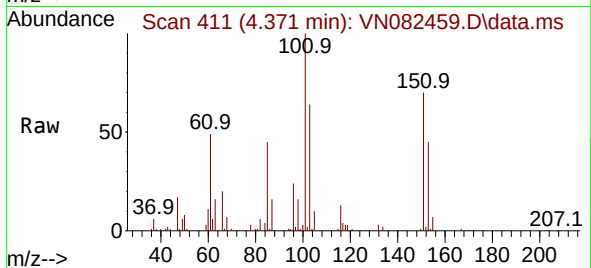
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.749 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11953
Ion Ratio Lower Upper
101 100
85 47.3 37.3 55.9
151 73.2 59.2 88.8

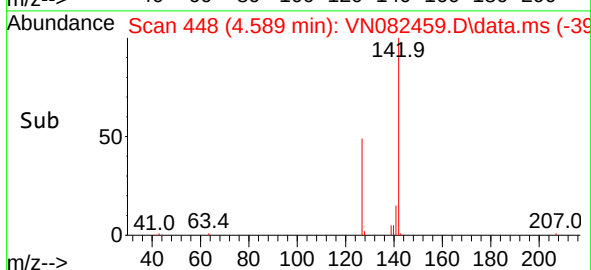
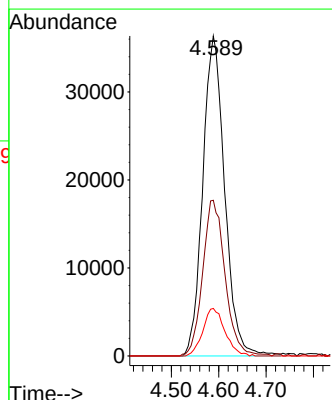
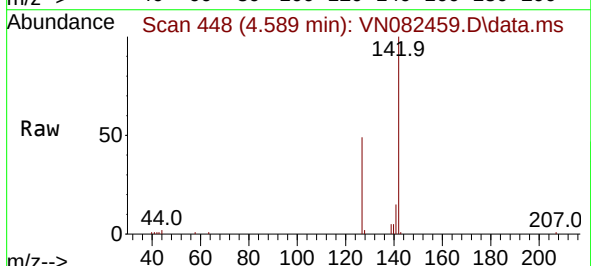
Manual Integrations
APPROVED

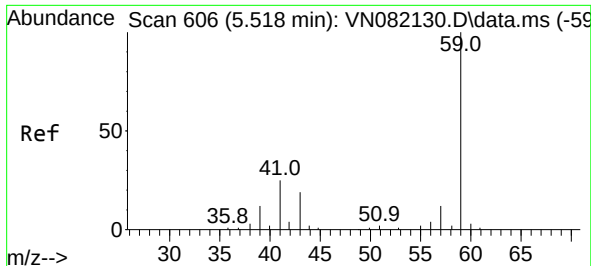
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#10
Methyl Iodide
Concen: 50.370 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion:142 Resp: 116963
Ion Ratio Lower Upper
142 100
127 48.6 35.8 53.6
141 14.9 11.4 17.2





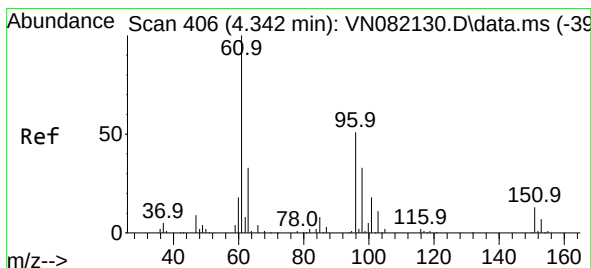
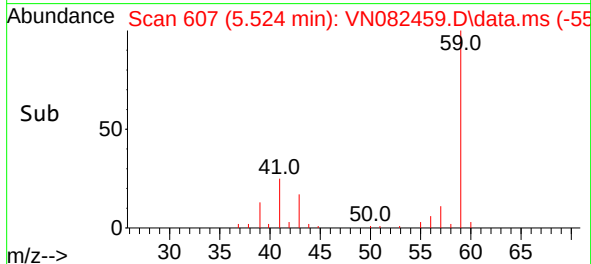
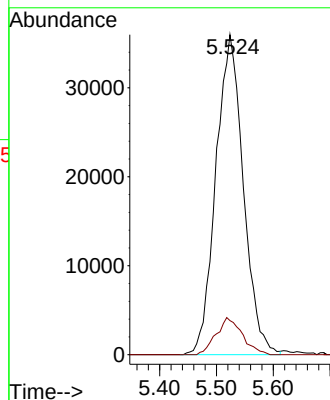
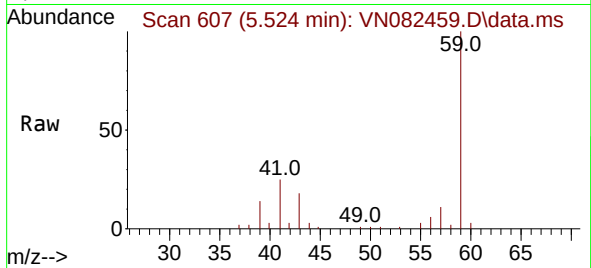
#11
Tert butyl alcohol
Concen: 242.678 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 120920
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

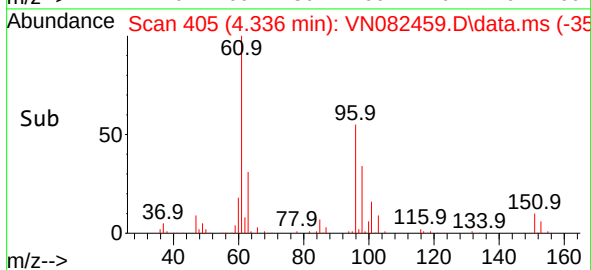
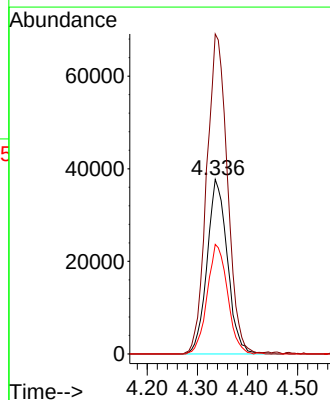
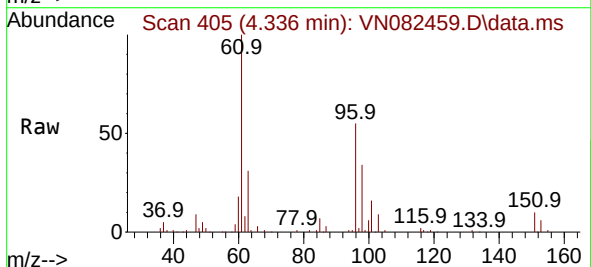
Manual Integrations
APPROVED

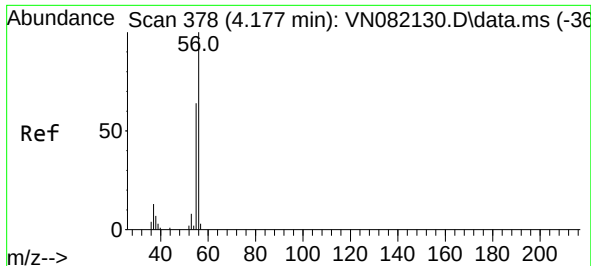
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#12
1,1-Dichloroethene
Concen: 49.425 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion: 96 Resp: 106112
Ion Ratio Lower Upper
96 100
61 183.3 119.7 179.5#
98 62.8 49.6 74.4





#13

Acrolein

Concen: 214.468 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 79190

Ion Ratio Lower Upper

56 100

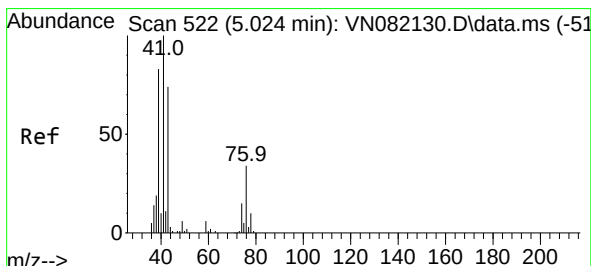
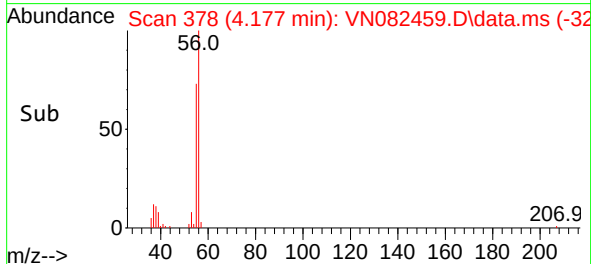
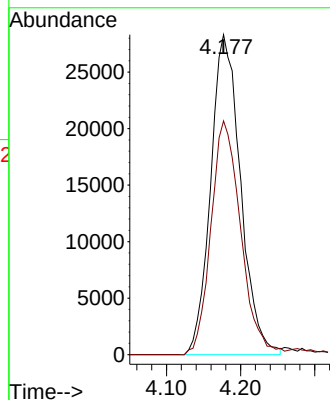
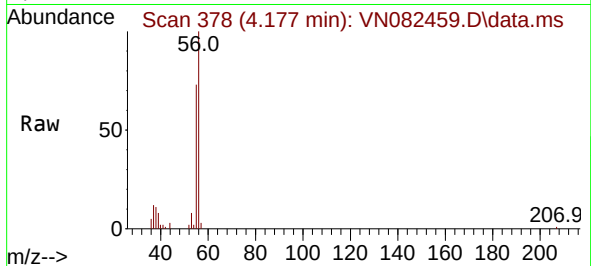
55 72.7 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#14

Allyl chloride

Concen: 46.686 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

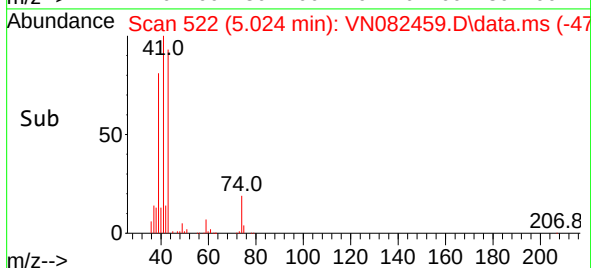
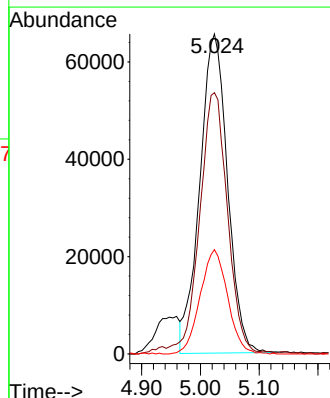
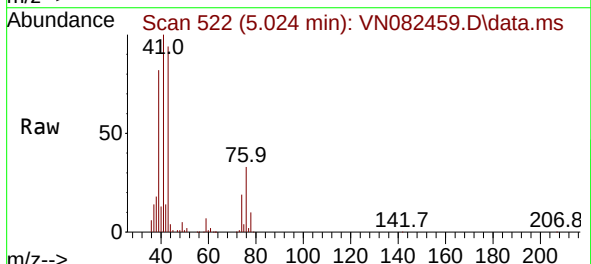
Tgt Ion: 41 Resp: 214595

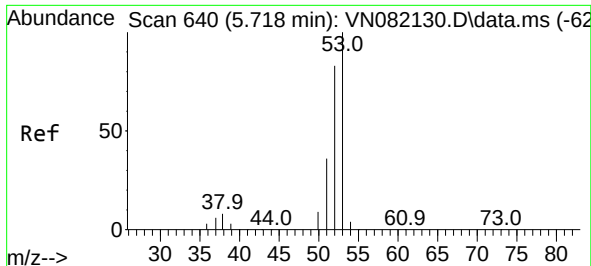
Ion Ratio Lower Upper

41 100

39 80.7 65.4 98.0

76 32.5 37.3 55.9#





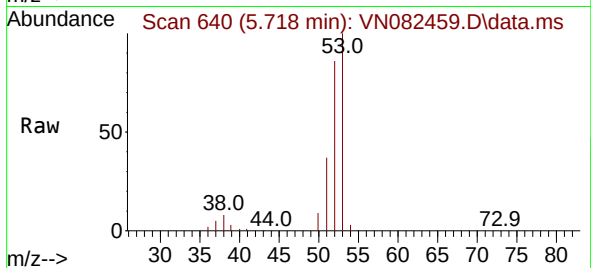
#15
Acrylonitrile
Concen: 278.776 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



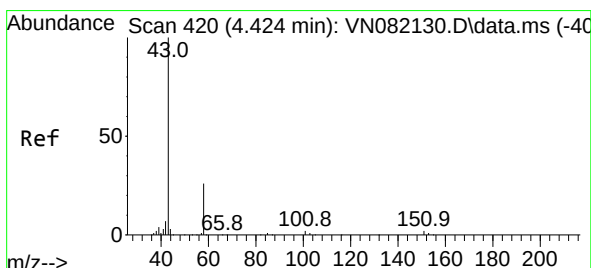
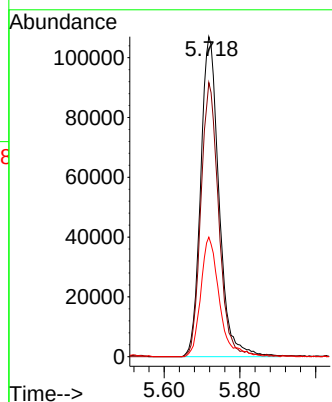
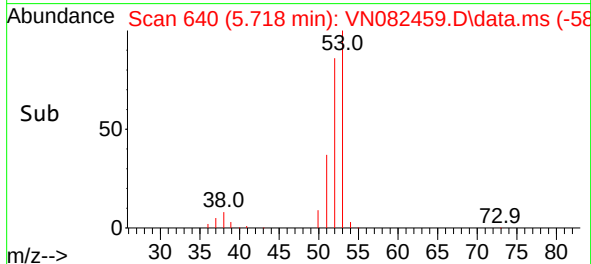
Tgt Ion: 53 Resp: 359752
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 37.8 29.4 44.2

Manual Integrations

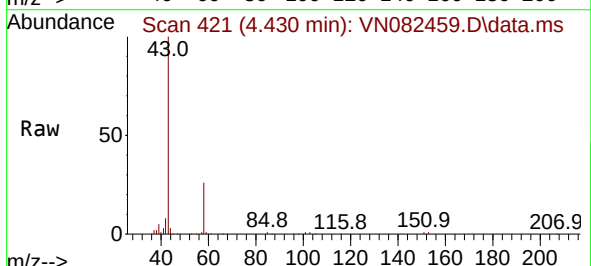
APPROVED

Reviewed By :John Carlone 06/06/2024

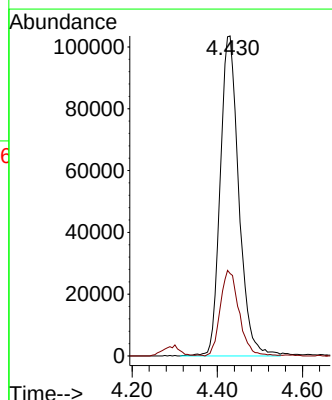
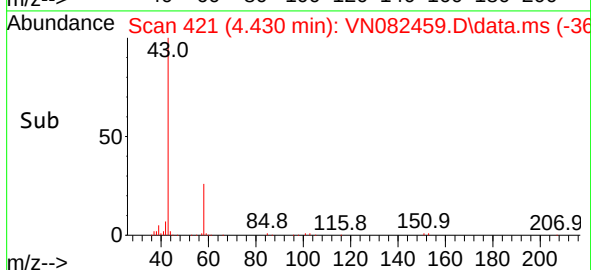
Supervised By :Mahesh Dadoda 06/06/2024

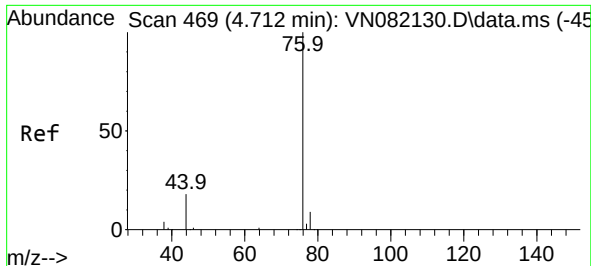


#16
Acetone
Concen: 246.727 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



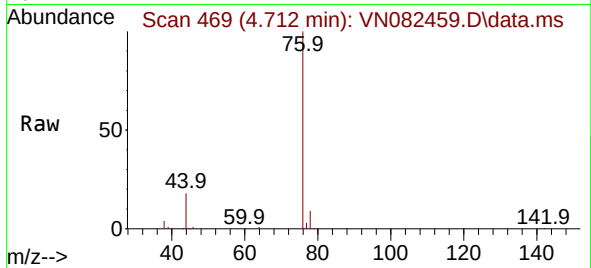
Tgt Ion: 43 Resp: 314170
Ion Ratio Lower Upper
43 100
58 25.5 25.2 37.8





#17
Carbon Disulfide
Concen: 37.589 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

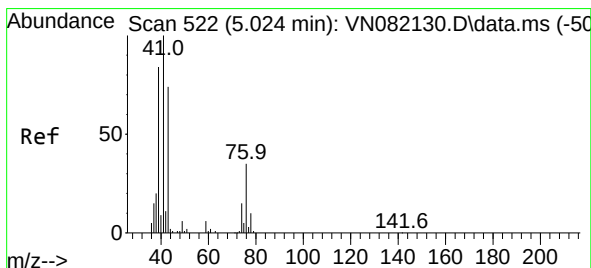
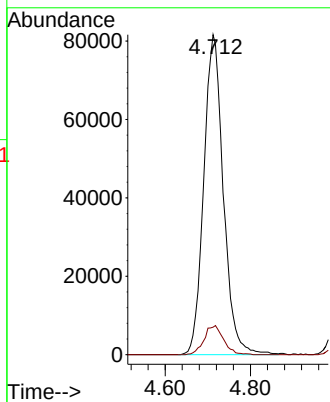
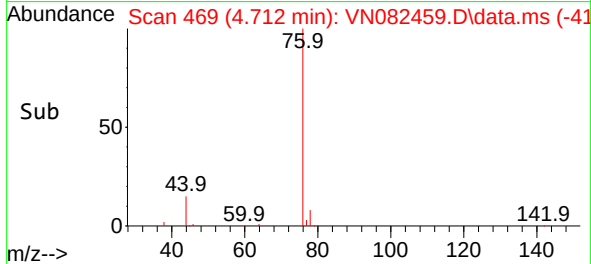
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 260644
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

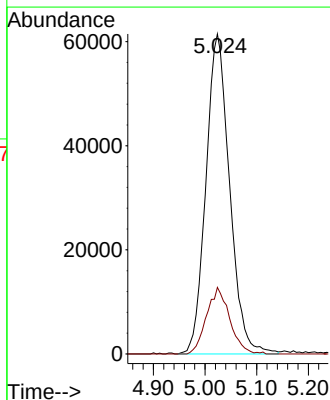
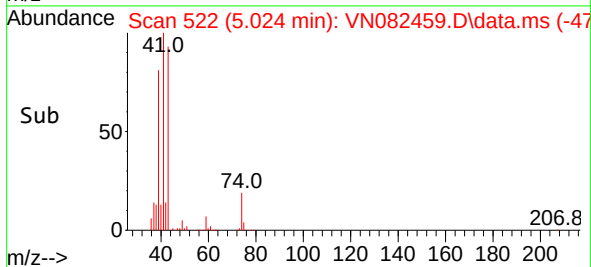
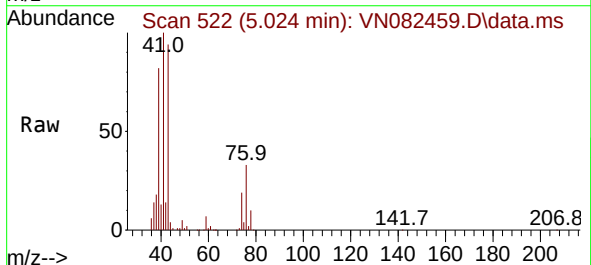
Manual Integrations
APPROVED

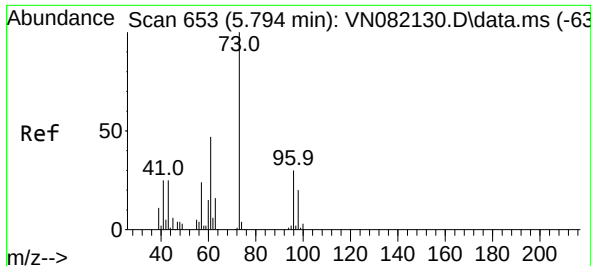
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#18
Methyl Acetate
Concen: 61.751 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

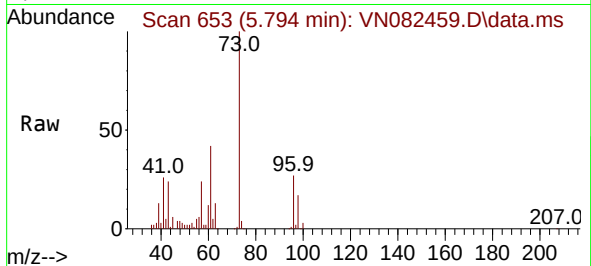
Tgt Ion: 43 Resp: 195820
Ion Ratio Lower Upper
43 100
74 20.4 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 55.213 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

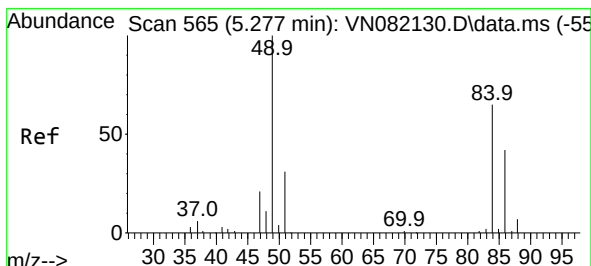
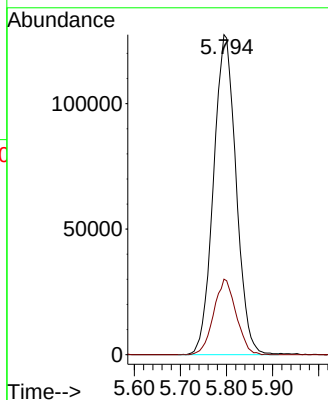
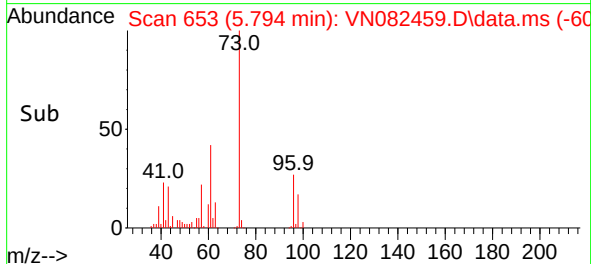
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



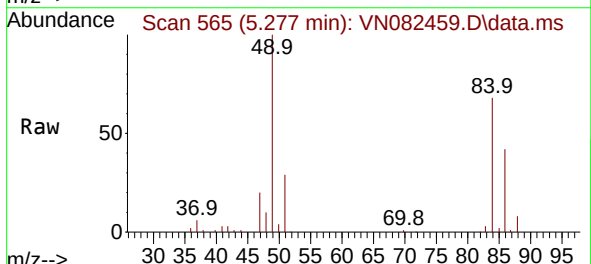
Tgt Ion: 73 Resp: 43328
Ion Ratio Lower Upper
73 100
57 23.6 16.5 24.7

Manual Integrations
APPROVED

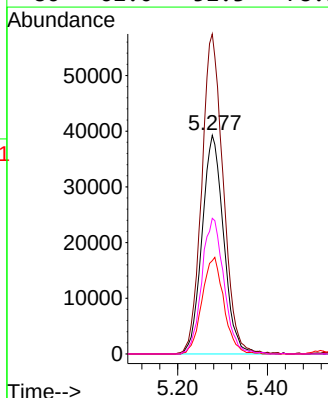
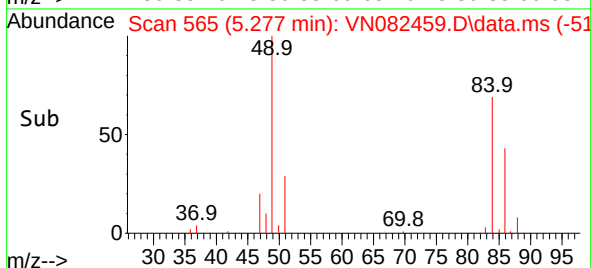
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

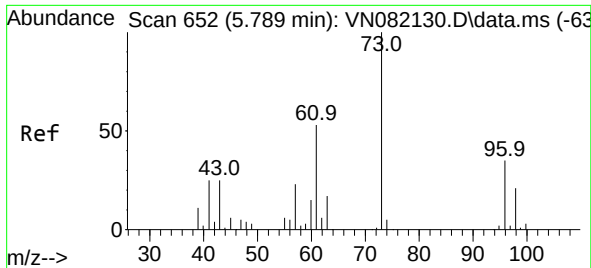


#20
Methylene Chloride
Concen: 51.039 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



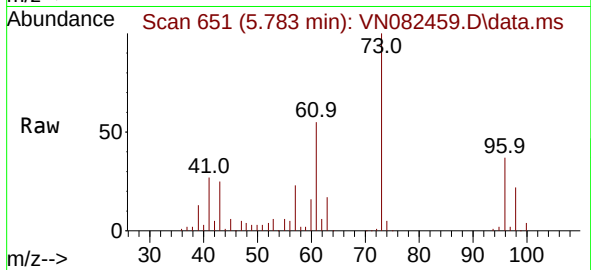
Tgt Ion: 84 Resp: 131126
Ion Ratio Lower Upper
84 100
49 145.9 84.9 127.3#
51 42.7 27.0 40.6#
86 62.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 48.948 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

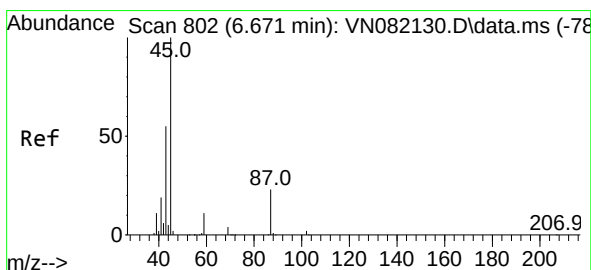
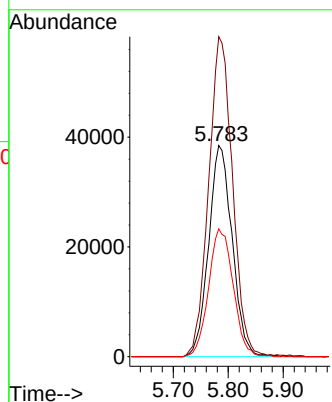
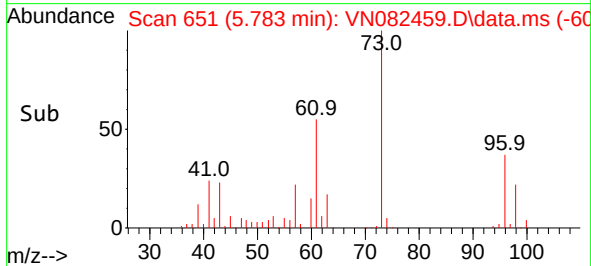
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 114519
Ion Ratio Lower Upper
96 100
61 151.5 96.5 144.7
98 60.6 51.3 76.9

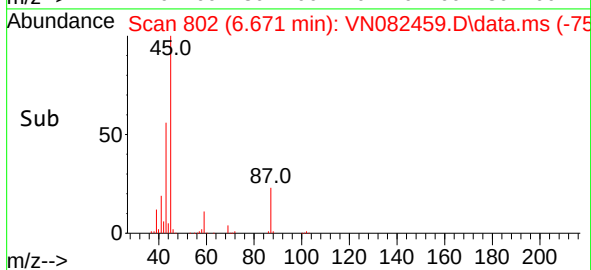
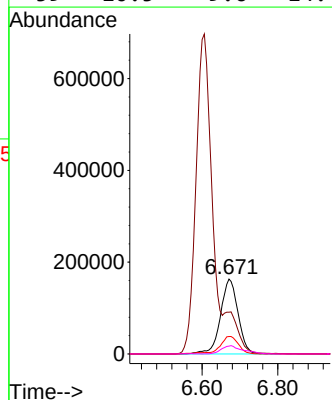
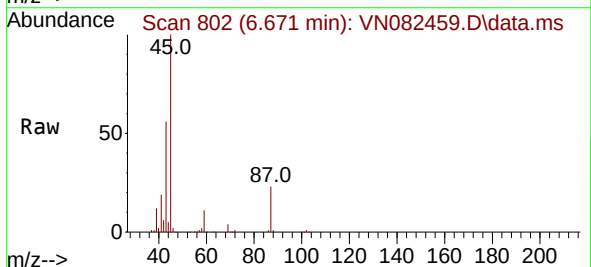
Manual Integrations
APPROVED

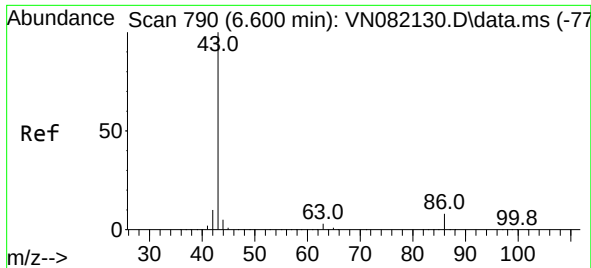
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#22
Diisopropyl ether
Concen: 54.733 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion: 45 Resp: 525338
Ion Ratio Lower Upper
45 100
43 55.3 44.1 66.1
87 23.2 27.0 40.6
59 10.5 9.6 14.4





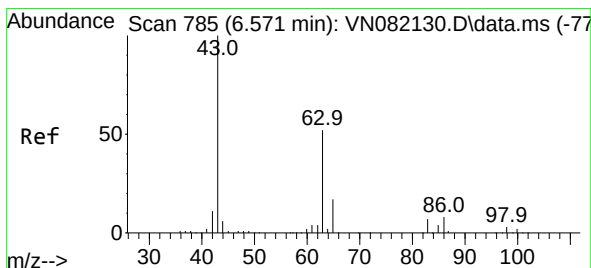
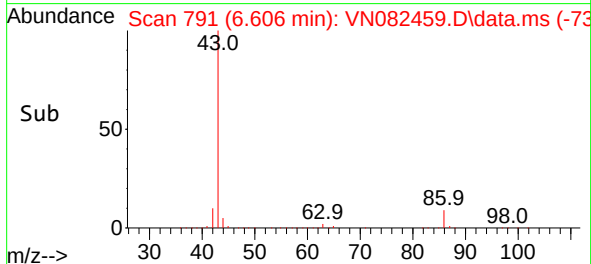
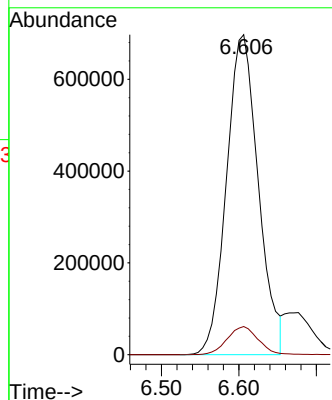
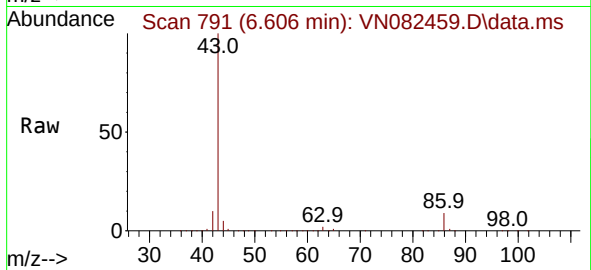
#23
 Vinyl Acetate
 Concen: 263.310 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN082459.D
 Acq: 05 Jun 2024 10:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1992584
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.2 15.4

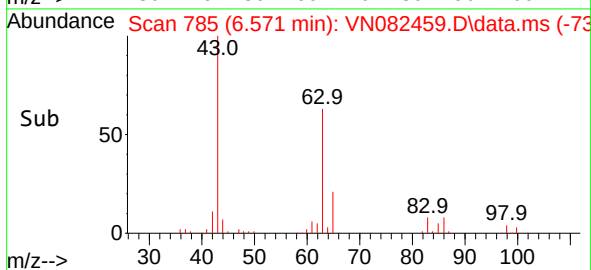
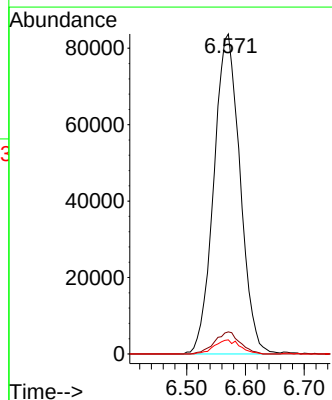
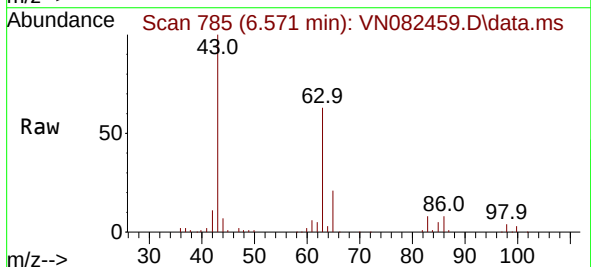
Manual Integrations
 APPROVED

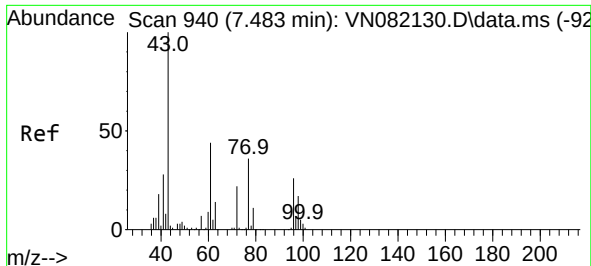
Reviewed By :John Carlone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024



#24
 1,1-Dichloroethane
 Concen: 52.476 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082459.D
 Acq: 05 Jun 2024 10:15

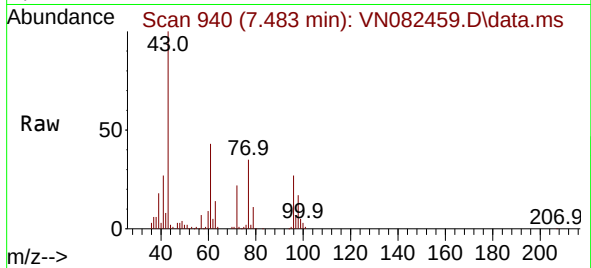
Tgt Ion: 63 Resp: 259609
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.4 2.6 7.8





#25
2-Butanone
Concen: 269.284 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

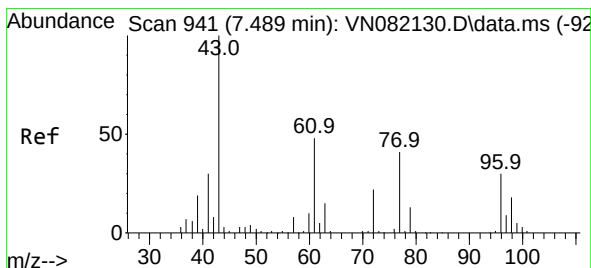
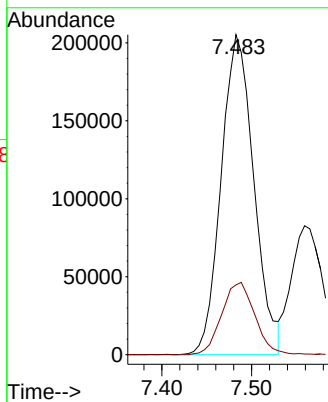
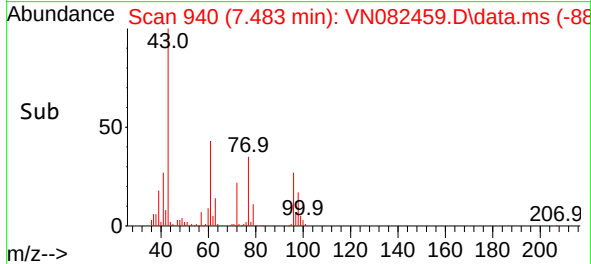
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



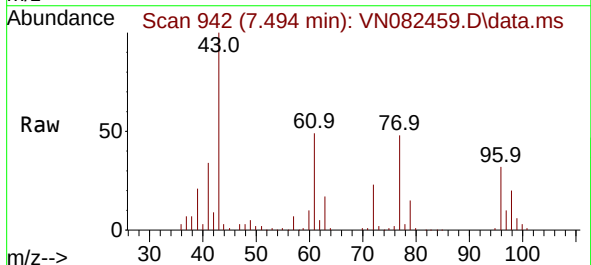
Tgt Ion: 43 Resp: 519879
Ion Ratio Lower Upper
43 100
72 21.8 25.3 37.9

Manual Integrations
APPROVED

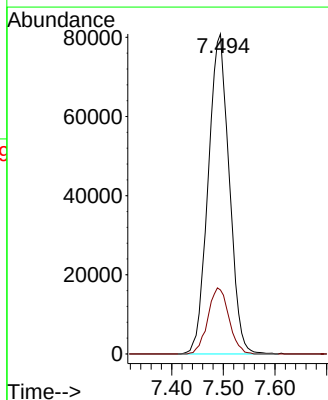
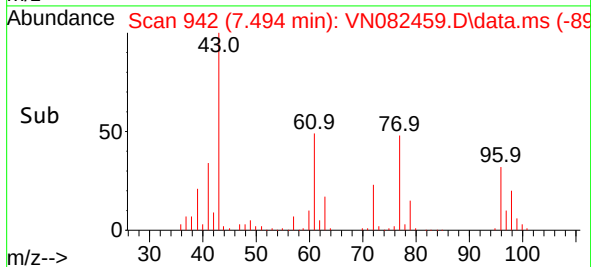
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

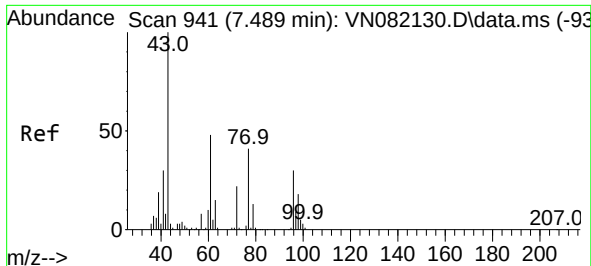


#26
2,2-Dichloropropane
Concen: 55.106 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



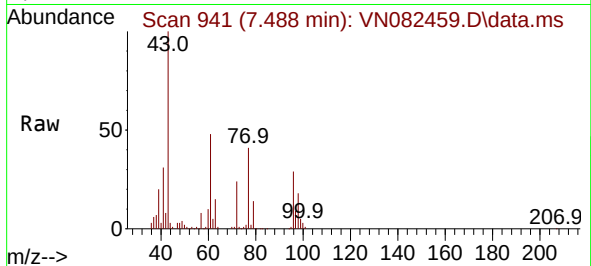
Tgt Ion: 77 Resp: 228346
Ion Ratio Lower Upper
77 100
97 20.7 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 53.801 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082459.D
 Acq: 05 Jun 2024 10:15

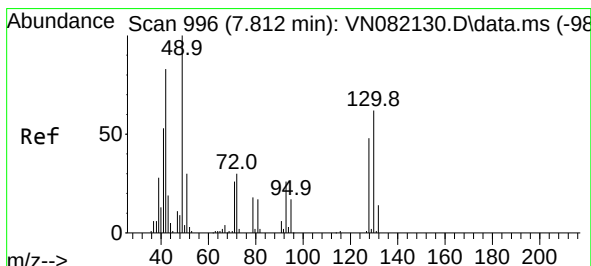
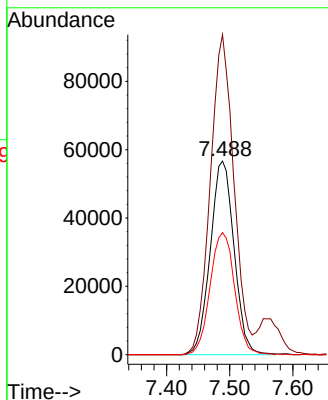
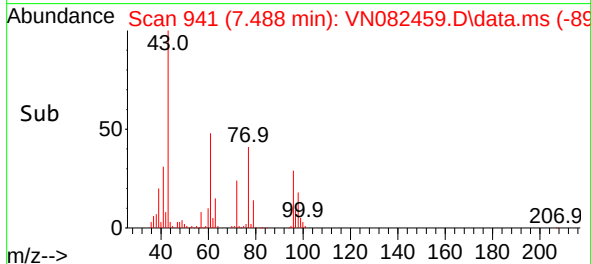
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 148550
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 268.0
 98 64.9 0.0 126.8

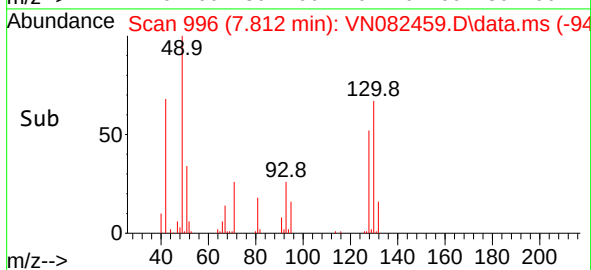
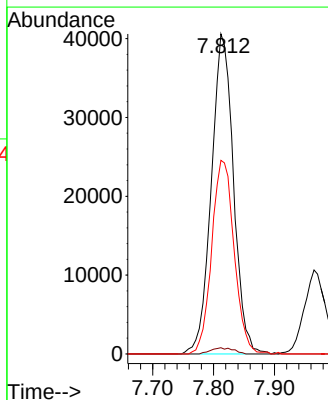
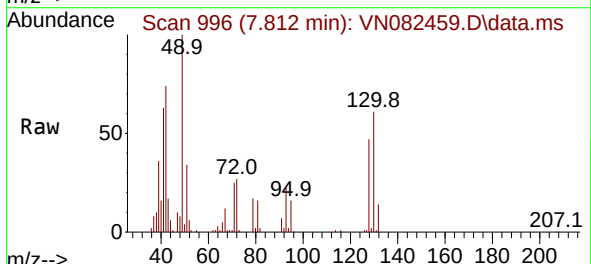
Manual Integrations
 APPROVED

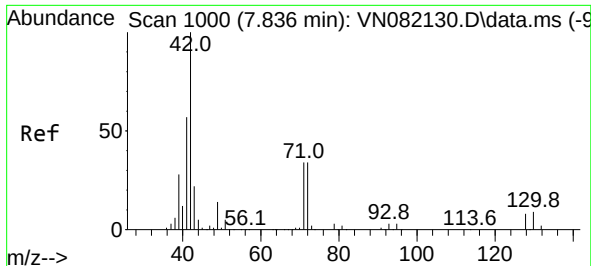
Reviewed By :John Carlone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024



#28
 Bromochloromethane
 Concen: 47.637 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082459.D
 Acq: 05 Jun 2024 10:15

Tgt Ion: 49 Resp: 102649
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 61.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 278.568 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.001 min

Lab File: VN082459.D

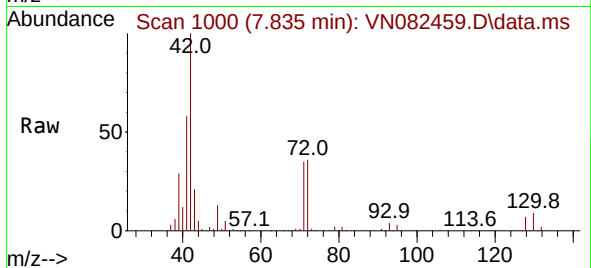
Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 345299

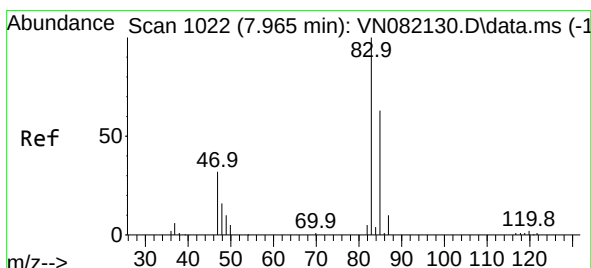
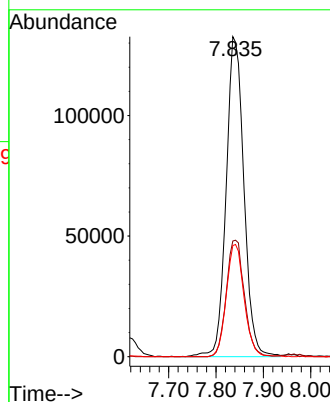
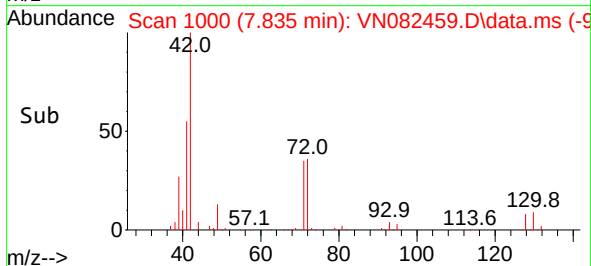
Ion	Ratio	Lower	Upper
42	100		
72	37.1	39.3	58.9
71	35.2	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#30

Chloroform

Concen: 55.875 ug/l

RT: 7.965 min Scan# 1022

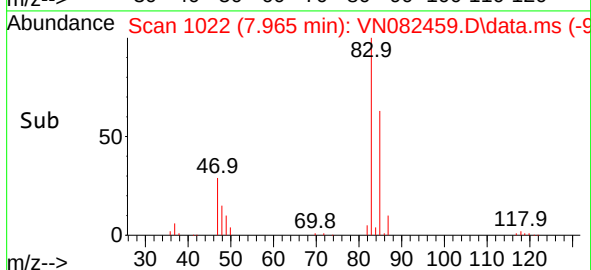
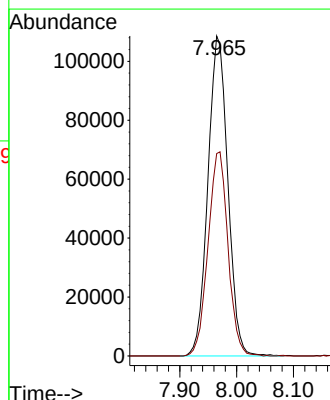
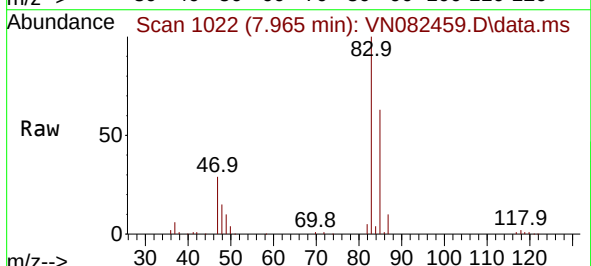
Delta R.T. -0.000 min

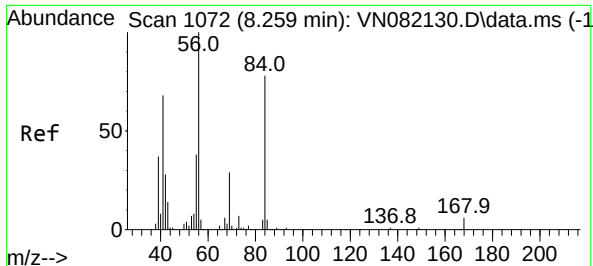
Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Tgt Ion: 83 Resp: 263971

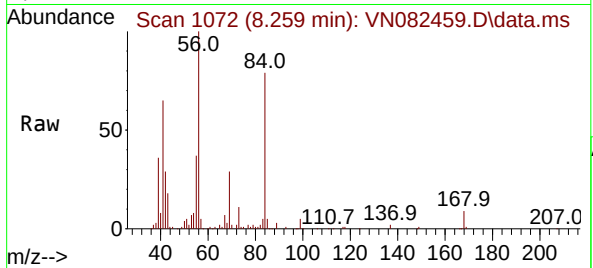
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.7	76.1





#31
Cyclohexane
Concen: 42.069 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

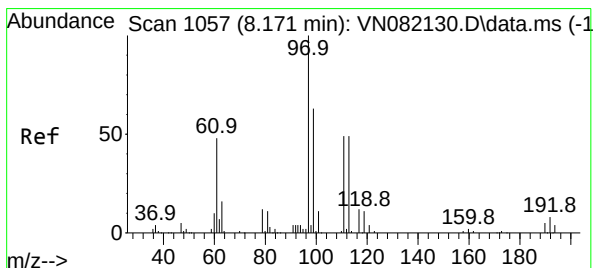
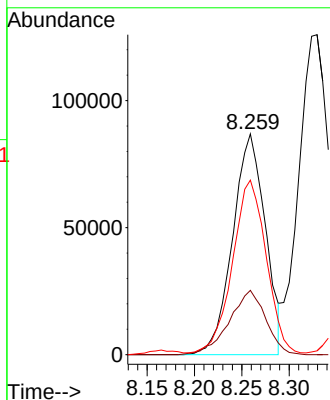
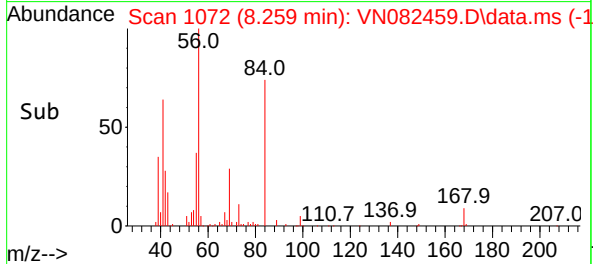
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 20856
Ion Ratio Lower Upper
56 100
69 28.7 24.4 36.6
84 77.7 77.0 115.4

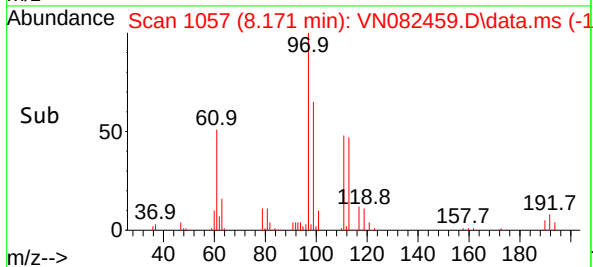
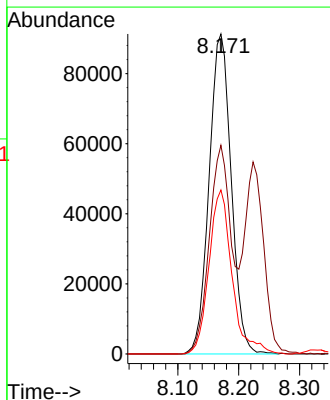
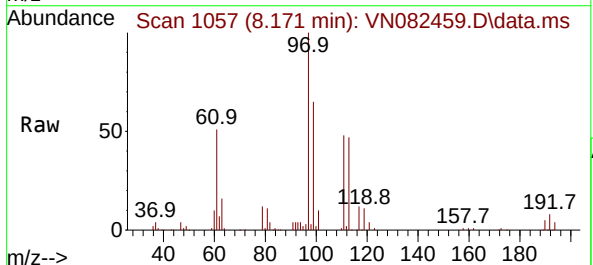
Manual Integrations
APPROVED

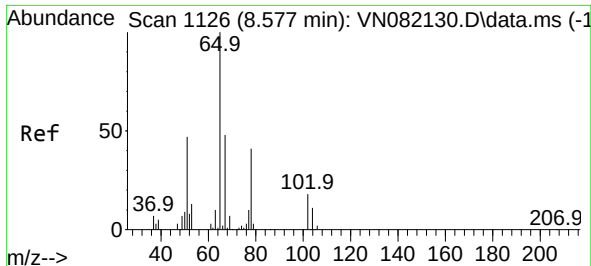
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#32
1,1,1-Trichloroethane
Concen: 55.034 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion: 97 Resp: 230660
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 53.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.373 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 143940

Ion Ratio Lower Upper

65 100

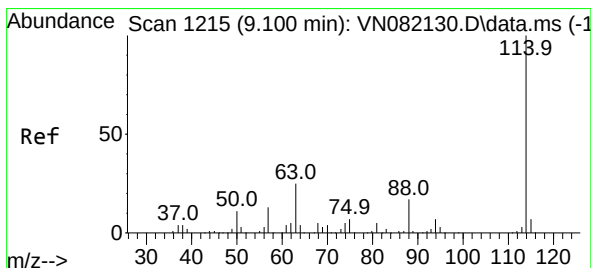
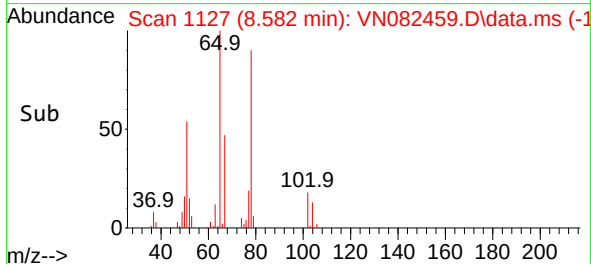
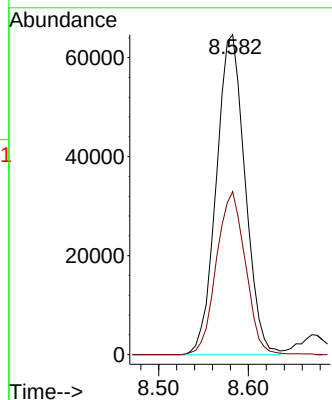
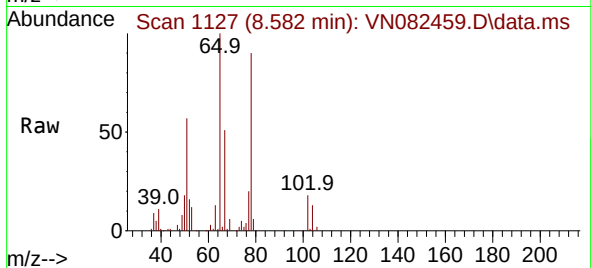
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

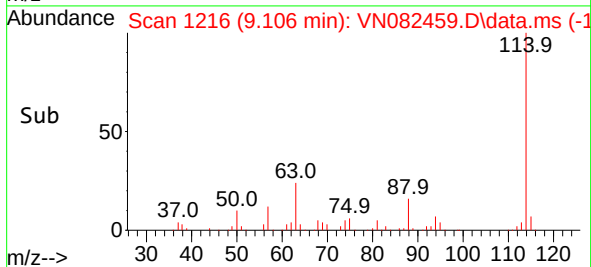
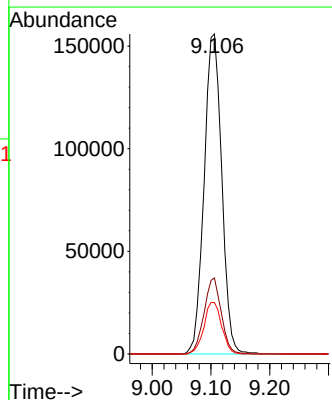
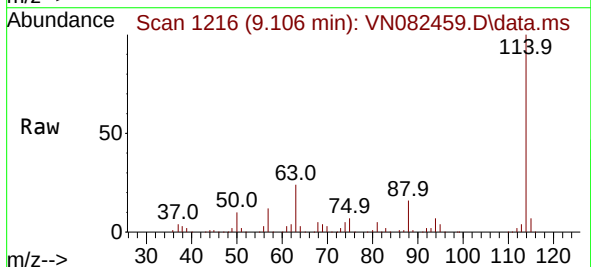
Tgt Ion:114 Resp: 325012

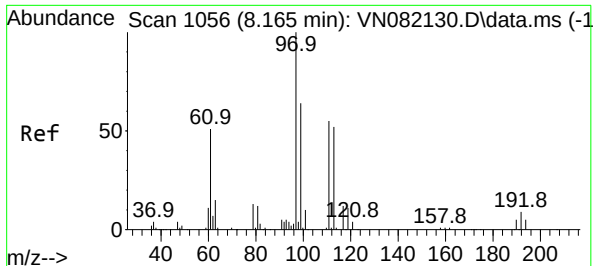
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.072 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 104109

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

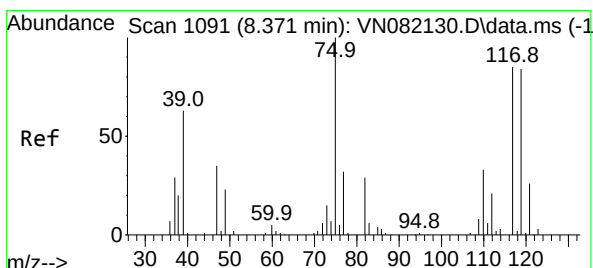
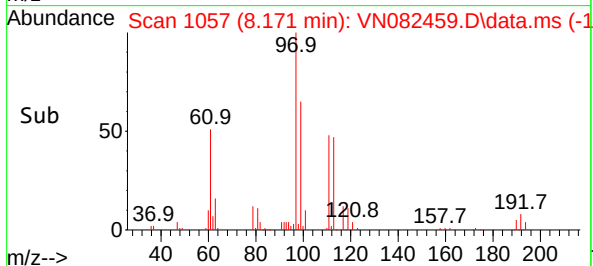
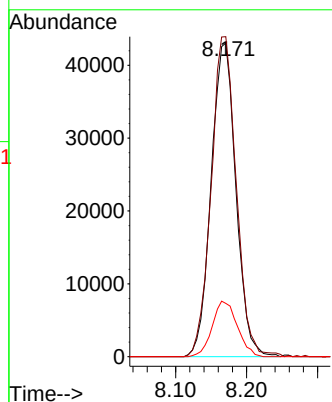
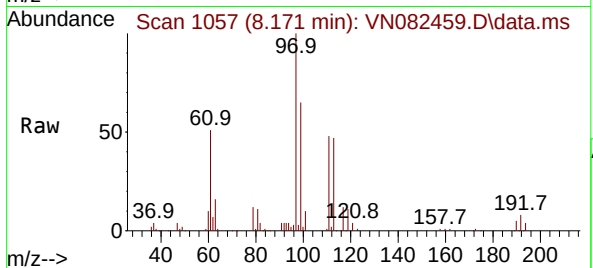
192 18.0 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#36

1,1-Dichloropropene

Concen: 52.581 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

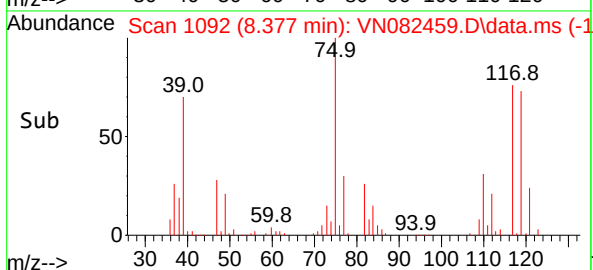
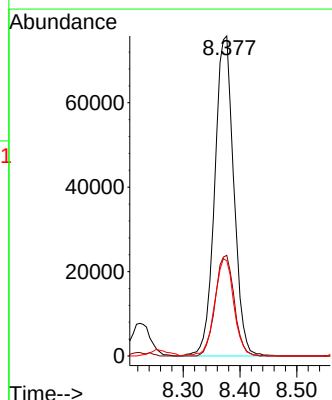
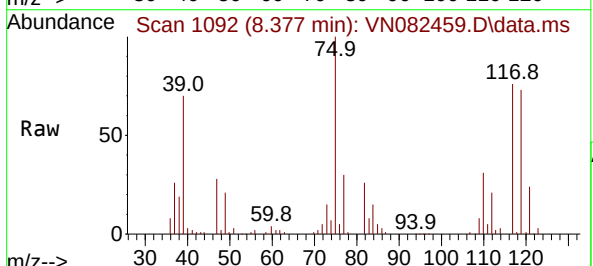
Tgt Ion: 75 Resp: 176314

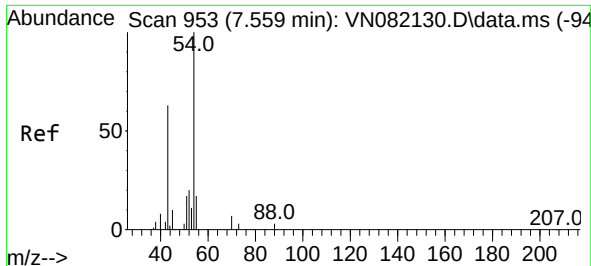
Ion Ratio Lower Upper

75 100

110 31.5 17.8 53.5

77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 56.074 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN082459.D

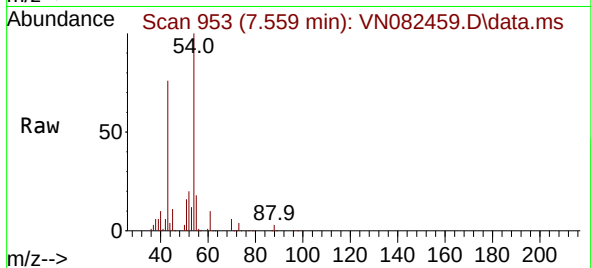
Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



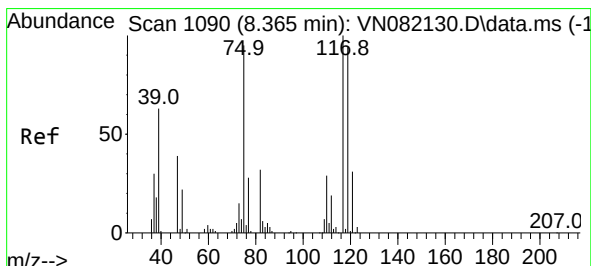
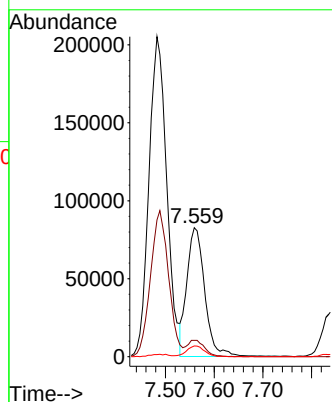
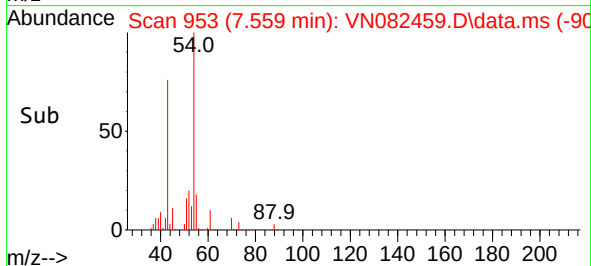
Tgt Ion:	43	Resp:	21042
Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.3	16.9
70	8.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#38

Carbon Tetrachloride

Concen: 58.173 ug/l

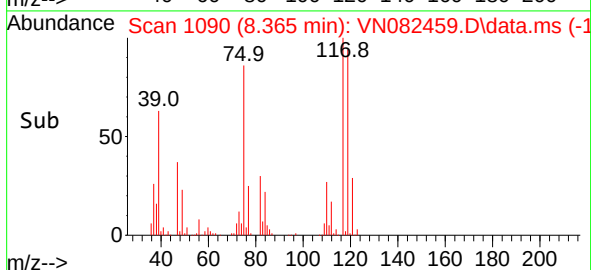
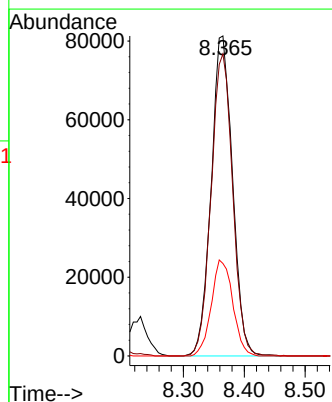
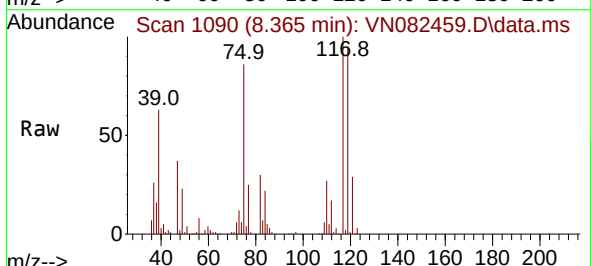
RT: 8.365 min Scan# 1090

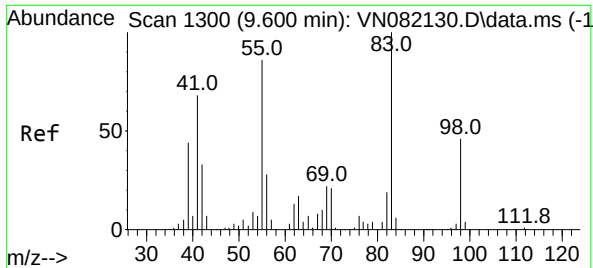
Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Tgt Ion:	117	Resp:	197738
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.5	114.7
121	28.9	23.9	35.9





#39

Methylcyclohexane

Concen: 49.468 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 18182

Ion Ratio Lower Upper

83 100

55 87.6 53.0 79.6

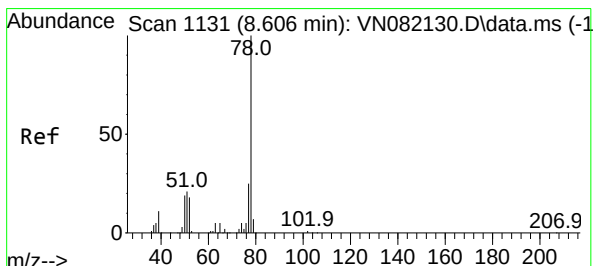
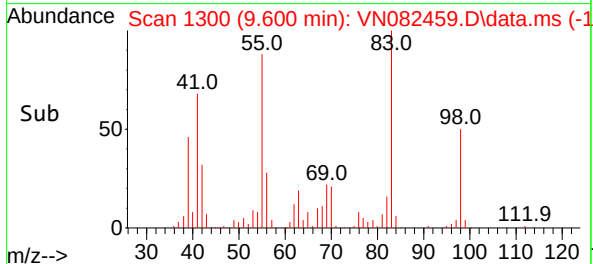
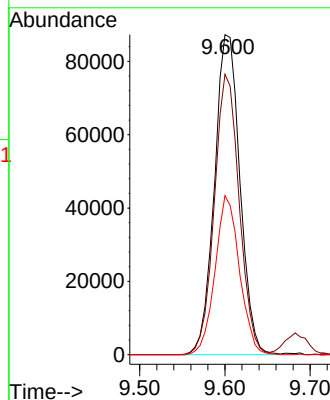
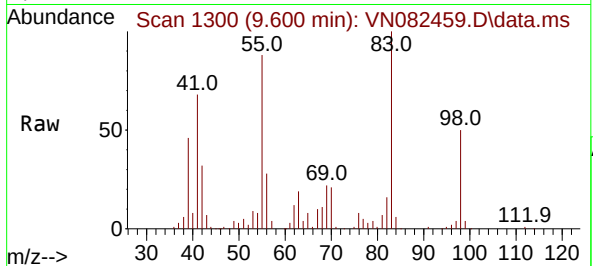
98 49.7 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#40

Benzene

Concen: 55.034 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082459.D

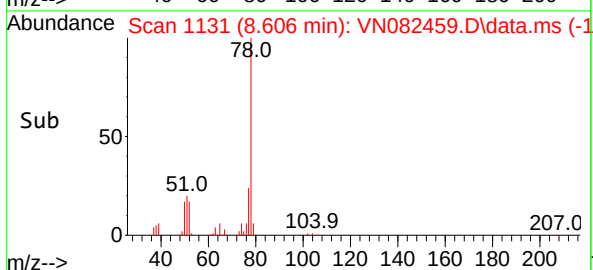
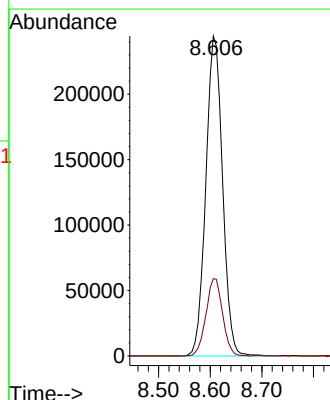
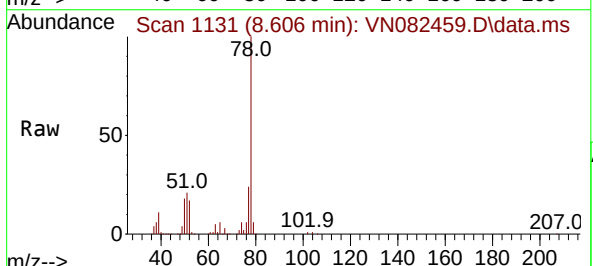
Acq: 05 Jun 2024 10:15

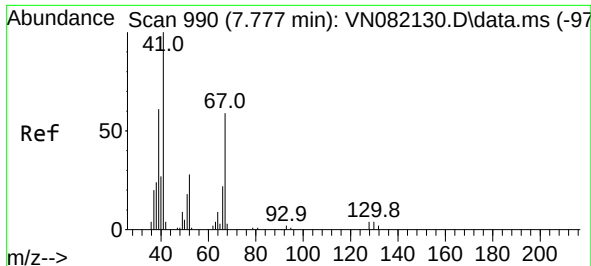
Tgt Ion: 78 Resp: 550293

Ion Ratio Lower Upper

78 100

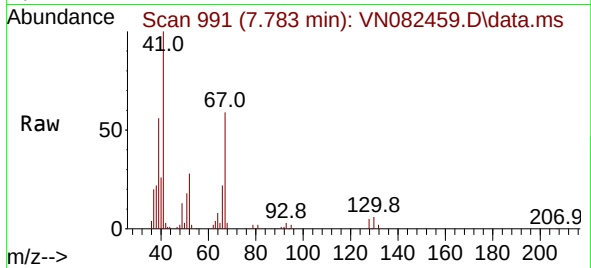
77 24.2 20.0 30.0





#41
Methacrylonitrile
Concen: 55.645 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

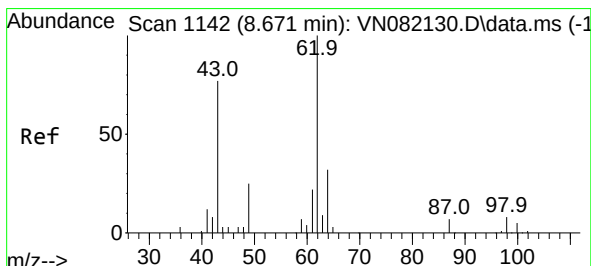
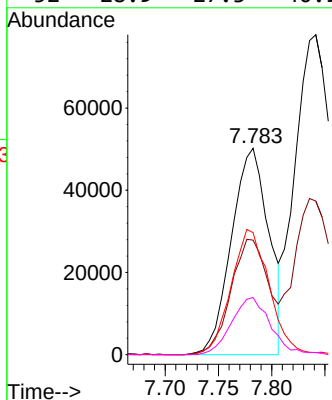
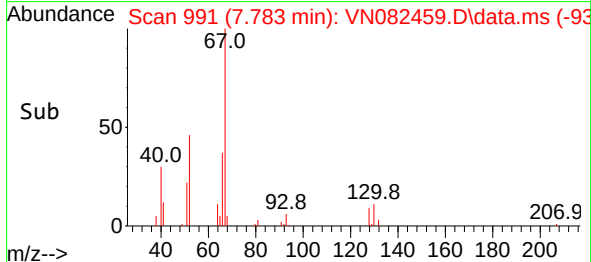
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	122800
Ion Ratio	100	Lower	Upper
39	56.7	46.6	69.8
67	62.1	67.3	100.9
52	28.9	27.3	40.9

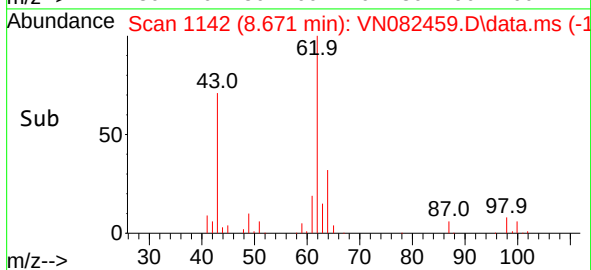
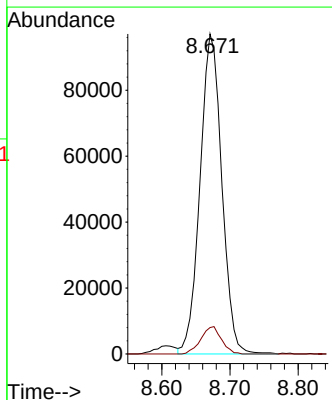
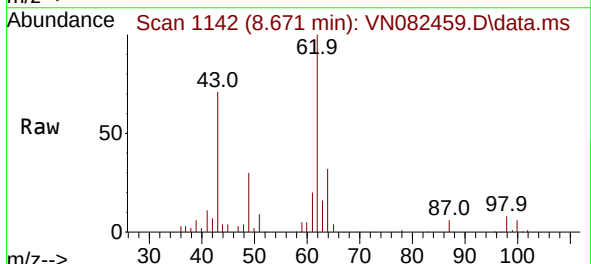
Manual Integrations
APPROVED

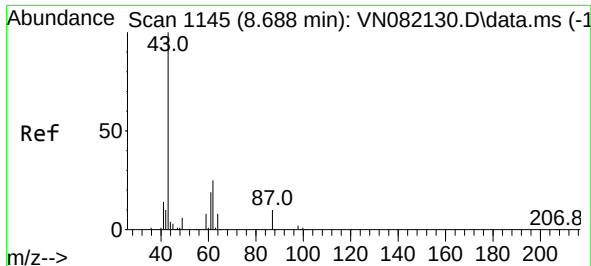
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#42
1,2-Dichloroethane
Concen: 56.147 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

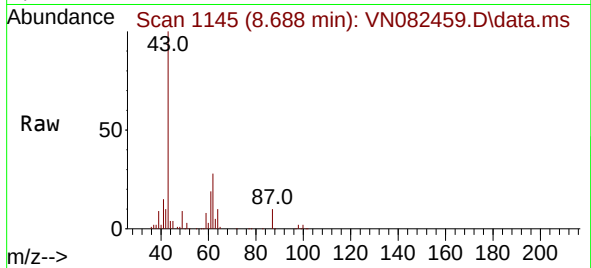
Tgt Ion:	62	Resp:	215924
Ion Ratio	100	Lower	Upper
98	8.1	0.0	19.6





#43
Isopropyl Acetate
Concen: 58.407 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

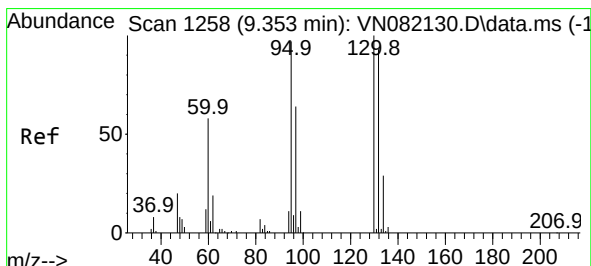
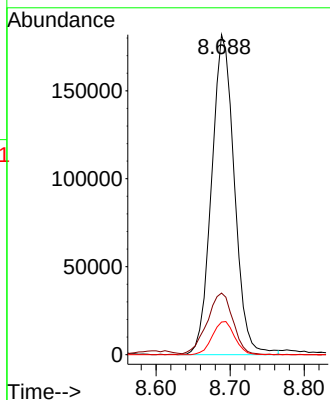
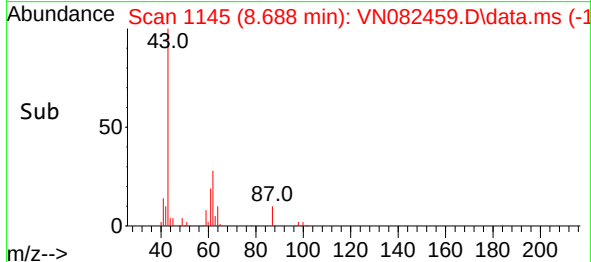
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



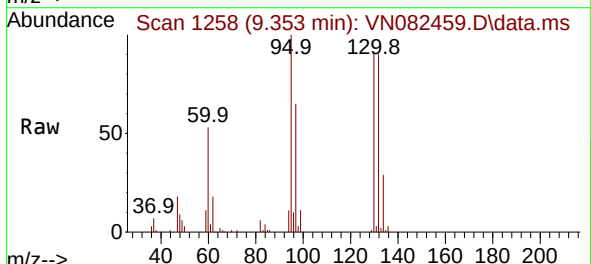
Tgt Ion: 43 Resp: 388372
Ion Ratio Lower Upper
43 100
61 22.0 22.8 34.2
87 10.1 12.0 18.0

Manual Integrations
APPROVED

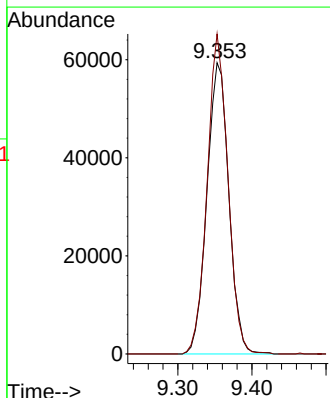
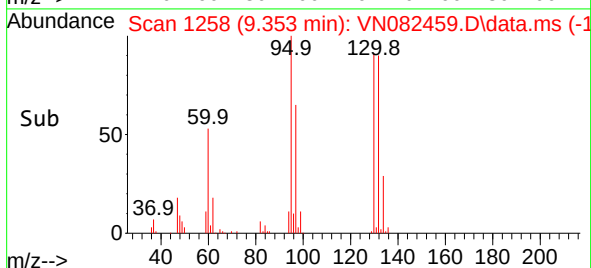
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

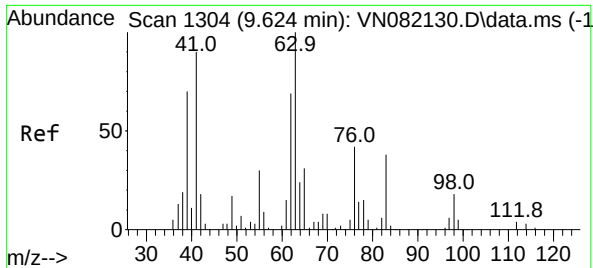


#44
Trichloroethene
Concen: 53.647 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



Tgt Ion:130 Resp: 121852
Ion Ratio Lower Upper
130 100
95 109.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 57.249 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14769

Ion Ratio Lower Upper

63 100

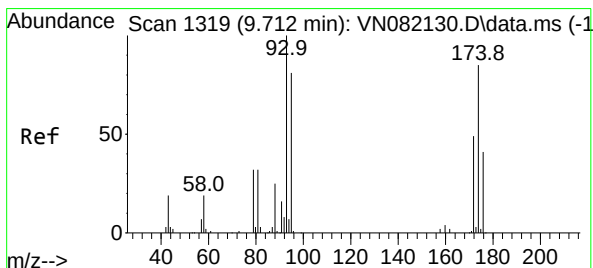
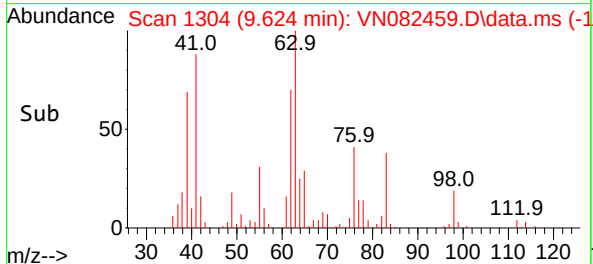
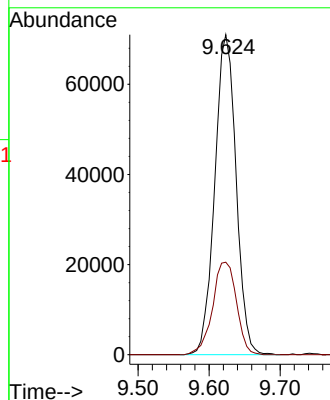
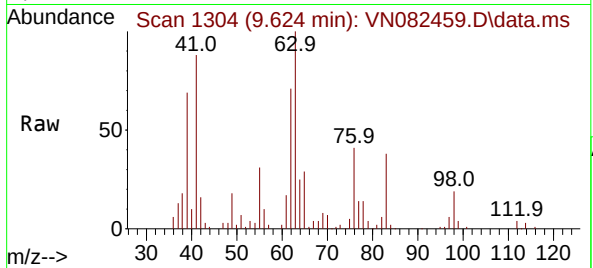
65 28.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#46

Dibromomethane

Concen: 56.826 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

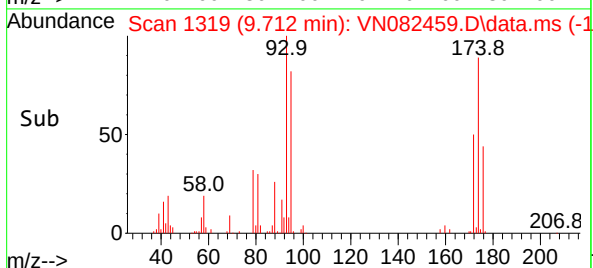
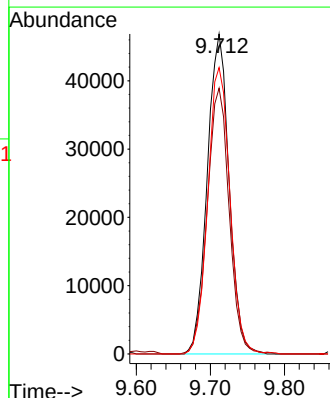
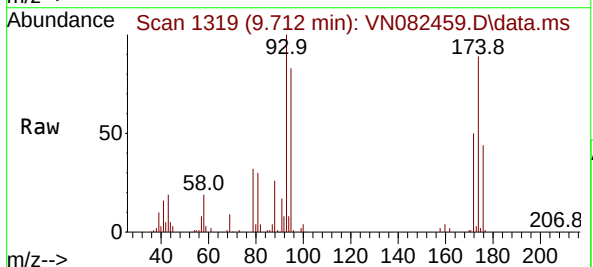
Tgt Ion: 93 Resp: 96251

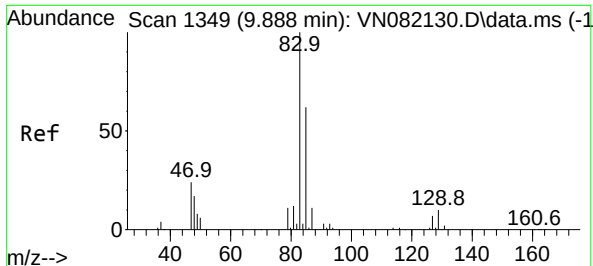
Ion Ratio Lower Upper

93 100

95 83.1 64.8 97.2

174 90.7 73.4 110.0





#47

Bromodichloromethane

Concen: 61.005 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 218140

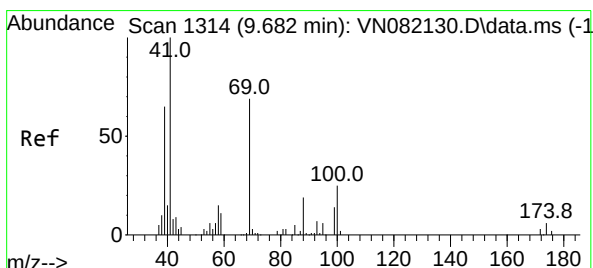
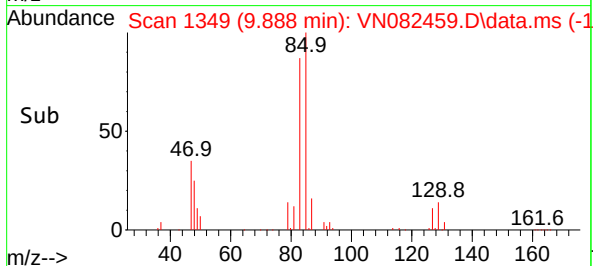
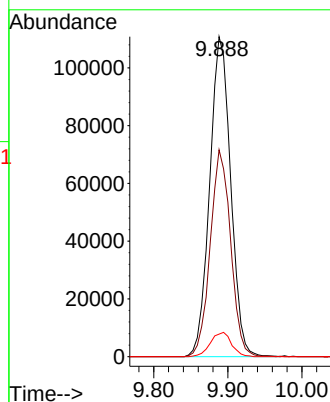
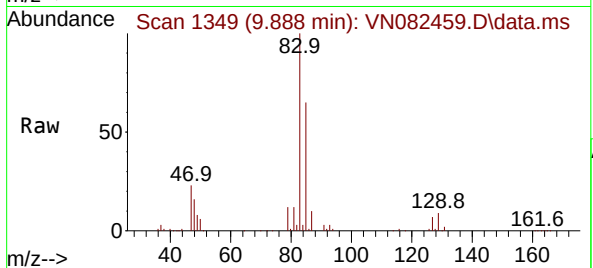
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.9	77.9
127	7.1	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#48

Methyl methacrylate

Concen: 57.762 ug/l

RT: 9.682 min Scan# 1314

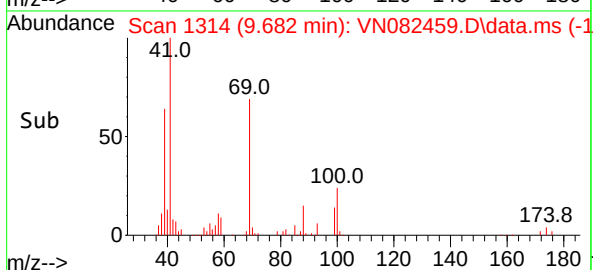
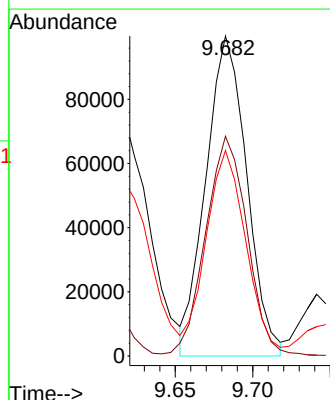
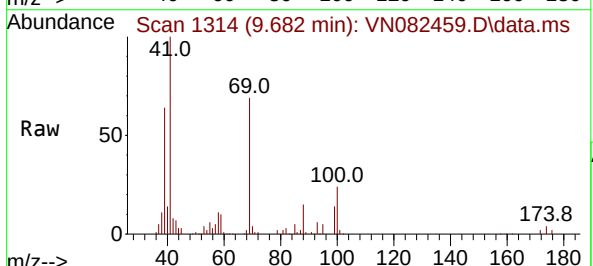
Delta R.T. -0.000 min

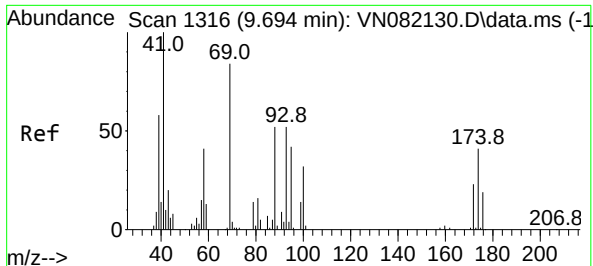
Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Tgt Ion: 41 Resp: 183014

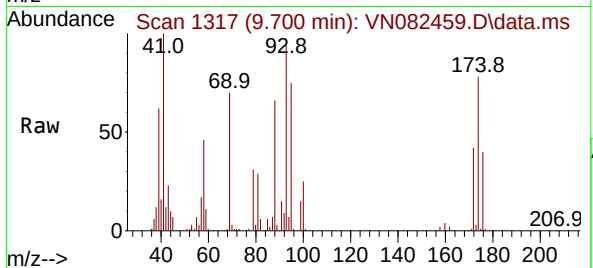
Ion	Ratio	Lower	Upper
41	100		
69	70.0	77.9	116.9
39	63.0	50.9	76.3





#49
1,4-Dioxane
Concen: 1145.715 ug/l
RT: 9.700 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

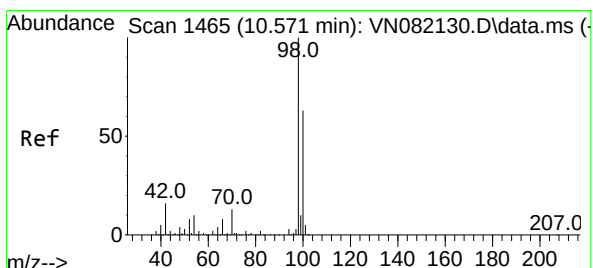
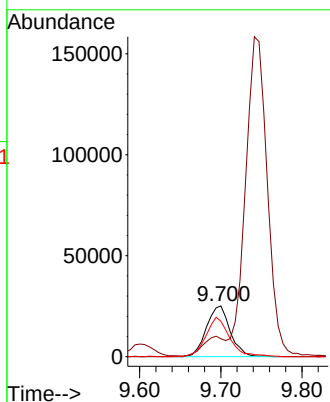
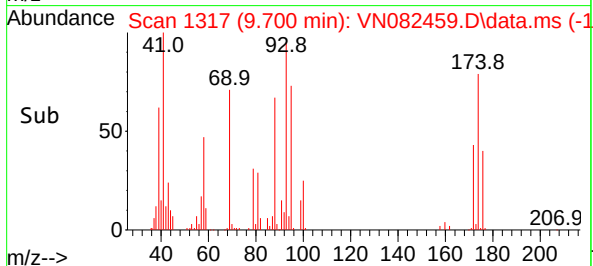
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 5086
Ion Ratio Lower Upper
88 100
43 36.9 19.0 28.6
58 77.7 50.6 76.0

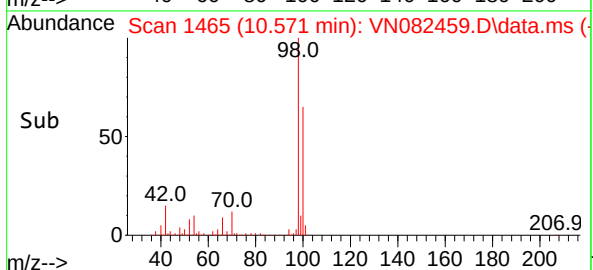
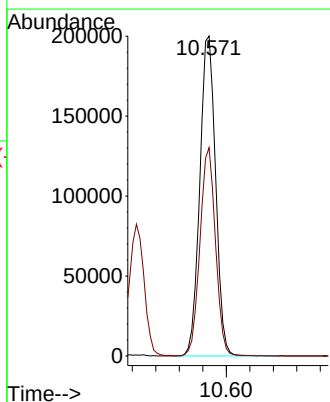
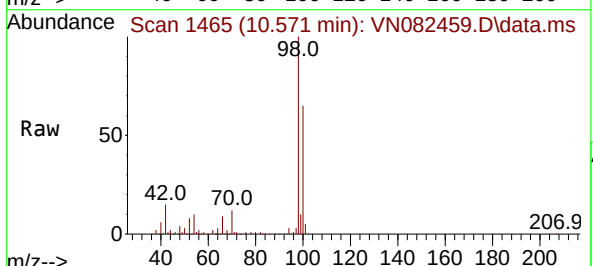
Manual Integrations
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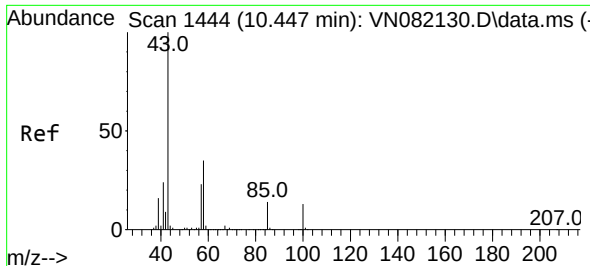
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#50
Toluene-d8
Concen: 48.718 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

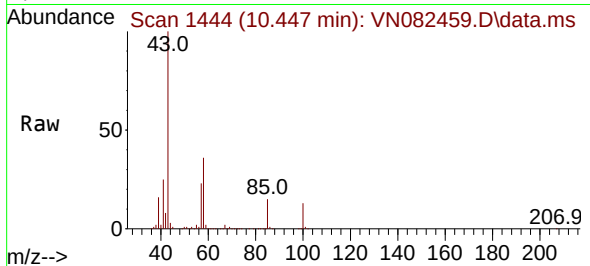
Tgt Ion: 98 Resp: 373435
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 302.507 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

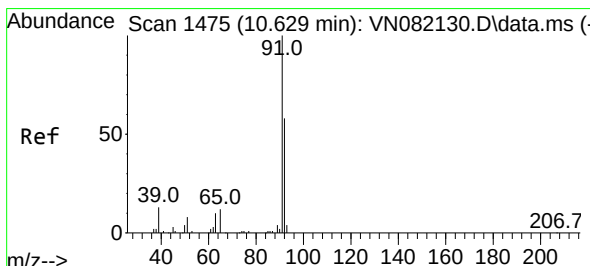
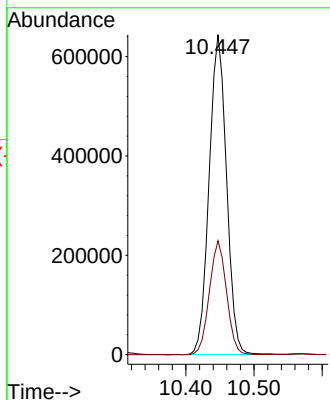
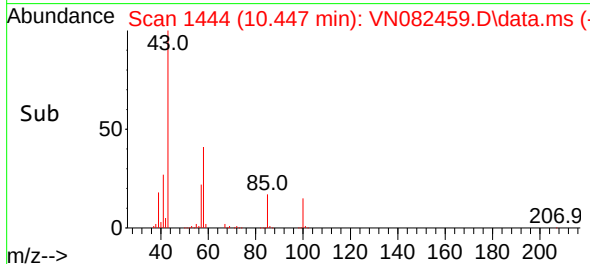
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1142864
Ion Ratio Lower Upper
43 100
58 35.1 33.2 49.8

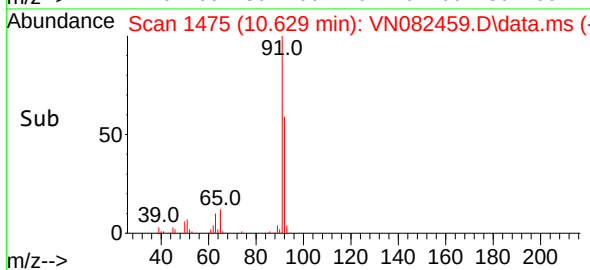
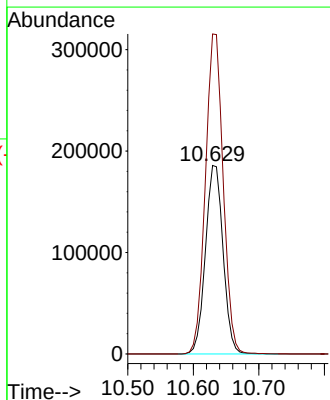
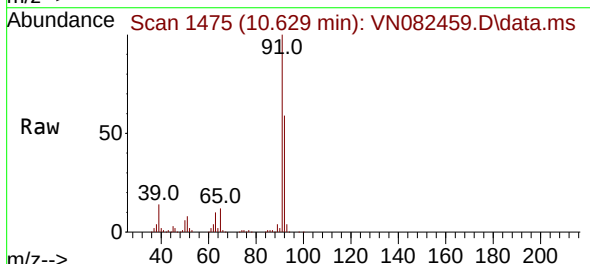
Manual Integrations
APPROVED

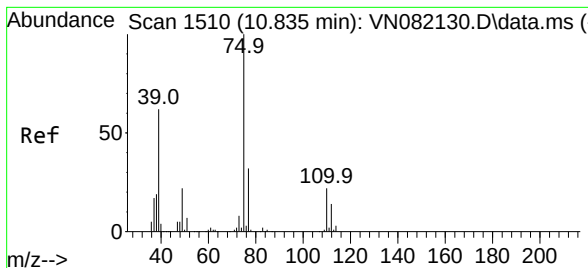
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#52
Toluene
Concen: 57.839 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

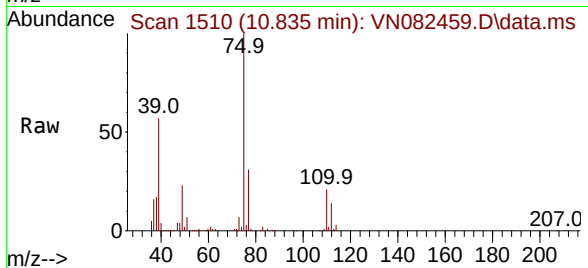
Tgt Ion: 92 Resp: 347067
Ion Ratio Lower Upper
92 100
91 171.4 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 60.786 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082459.D
 Acq: 05 Jun 2024 10:15

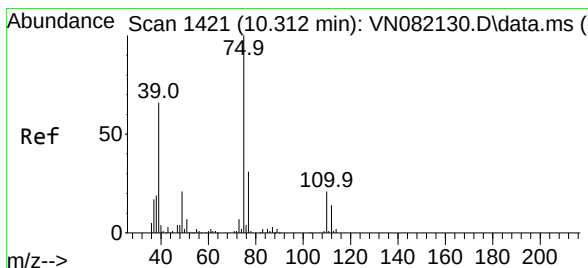
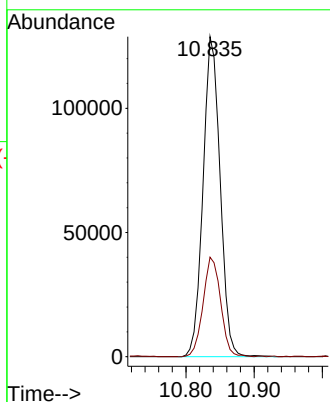
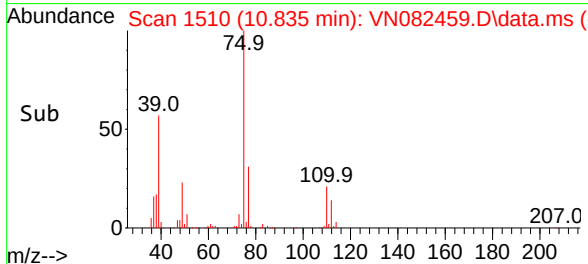
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



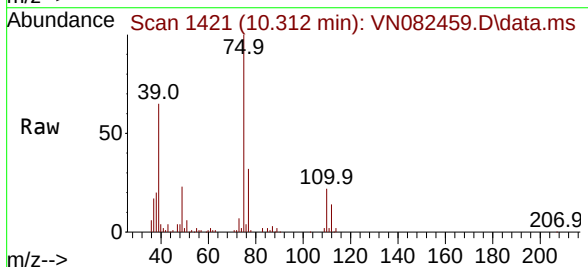
Tgt Ion: 75 Resp: 224790
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0

Manual Integrations
 APPROVED

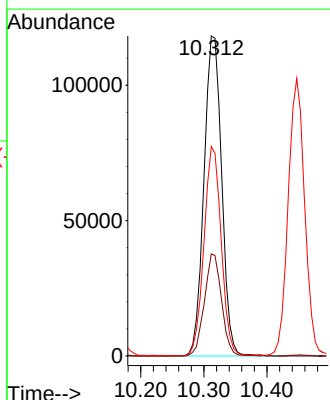
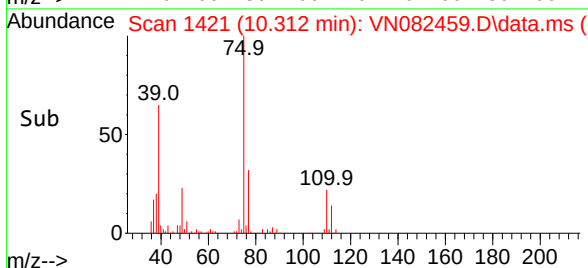
Reviewed By :John Carlone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

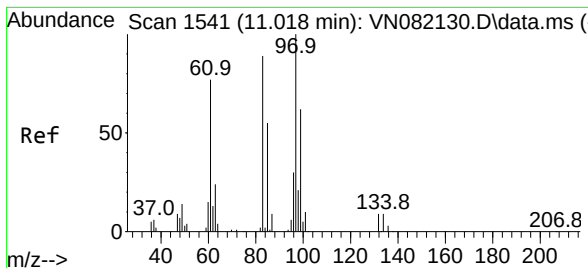


#54
 cis-1,3-Dichloropropene
 Concen: 58.776 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082459.D
 Acq: 05 Jun 2024 10:15



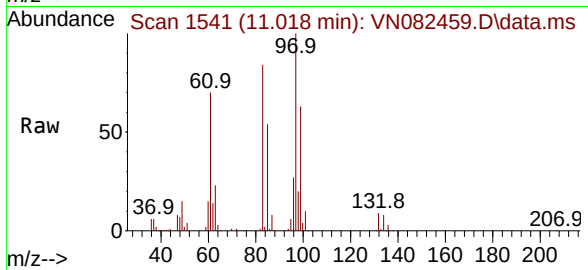
Tgt Ion: 75 Resp: 230082
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4
 39 65.3 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 60.803 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

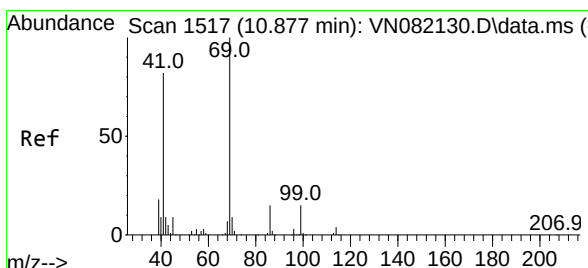
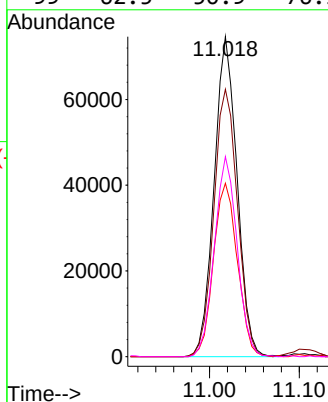
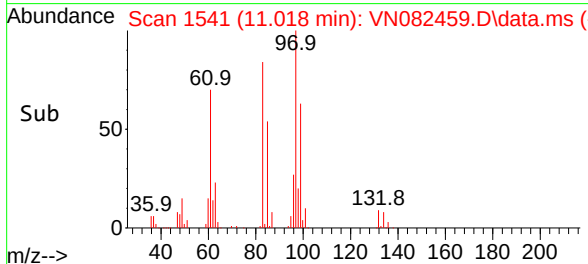
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



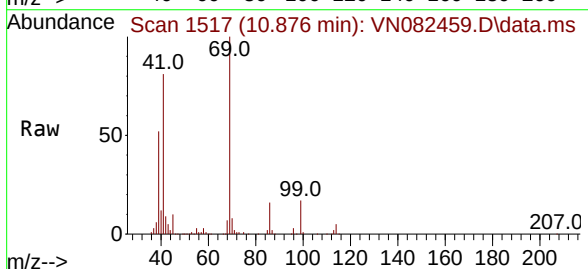
Tgt Ion:	97	Resp:	132589
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.4	105.6
85	54.2	45.6	68.4
99	62.5	50.9	76.3

Manual Integrations
APPROVED

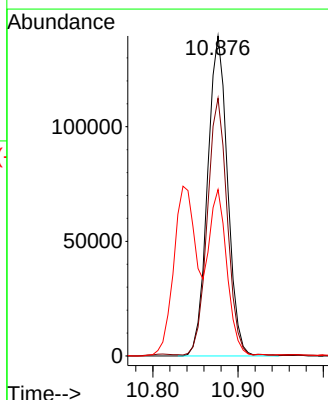
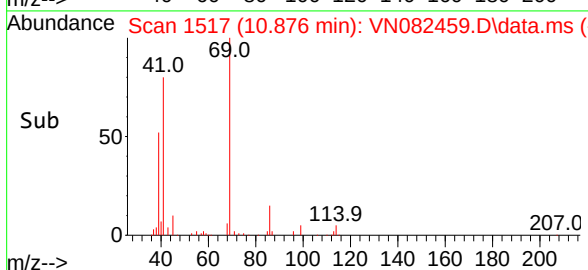
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

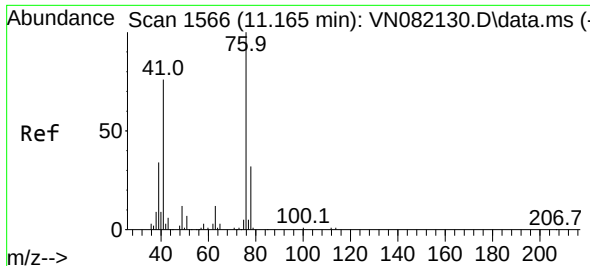


#56
Ethyl methacrylate
Concen: 61.541 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



Tgt Ion:	69	Resp:	227842
Ion	Ratio	Lower	Upper
69	100		
41	79.2	46.6	70.0#
39	46.3	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 57.568 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 234719

Ion Ratio Lower Upper

76 100

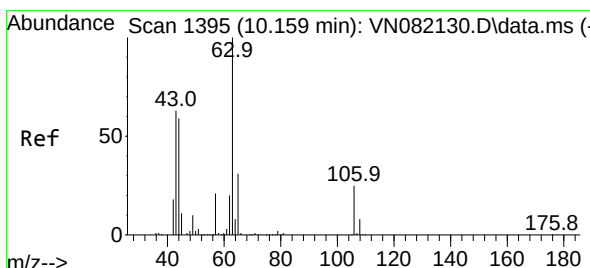
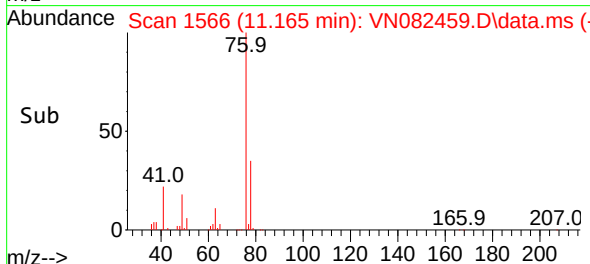
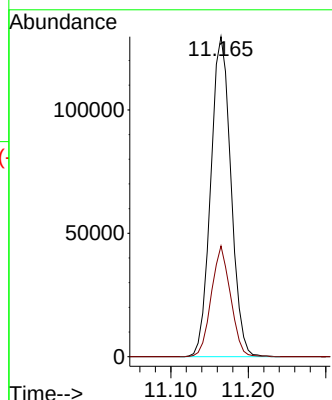
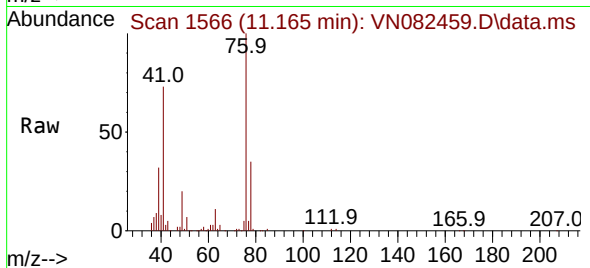
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#58

2-Chloroethyl Vinyl ether

Concen: 256.807 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082459.D

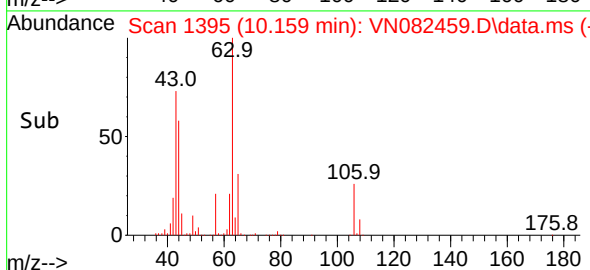
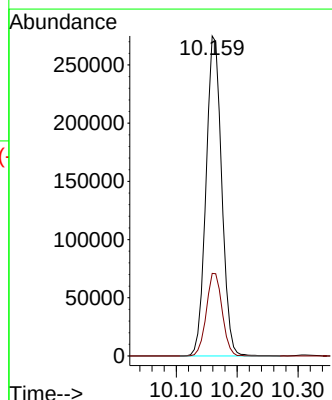
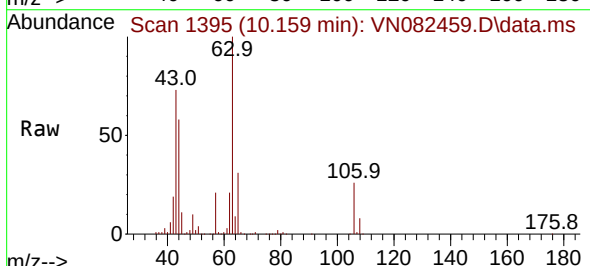
Acq: 05 Jun 2024 10:15

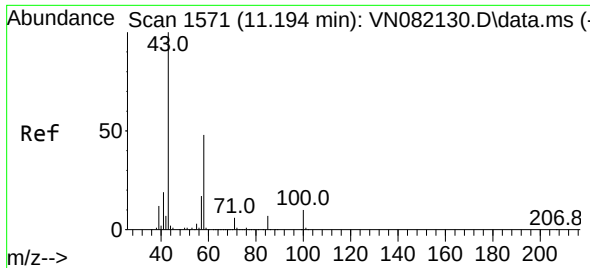
Tgt Ion: 63 Resp: 490412

Ion Ratio Lower Upper

63 100

106 26.1 24.6 36.8





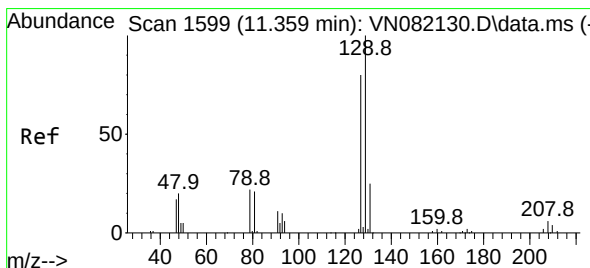
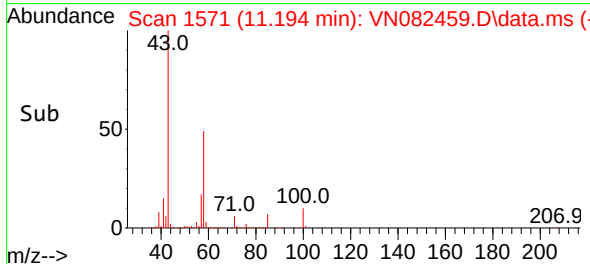
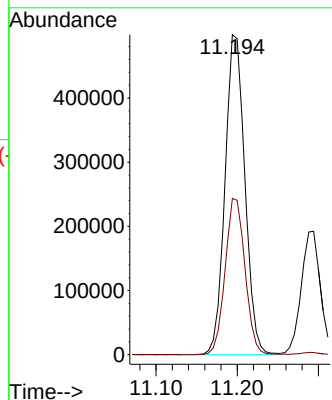
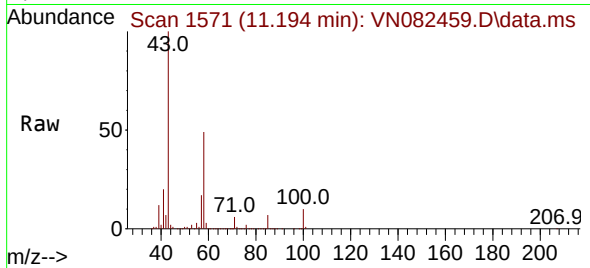
#59
2-Hexanone
Concen: 307.055 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 84939
Ion Ratio Lower Upper
43 100
58 48.9 28.3 84.9

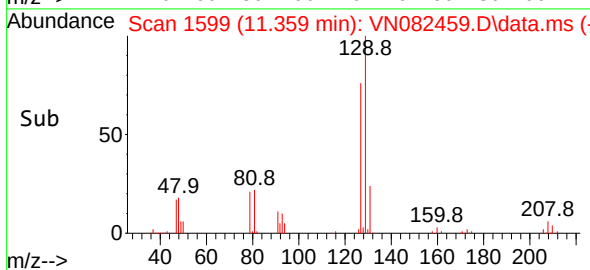
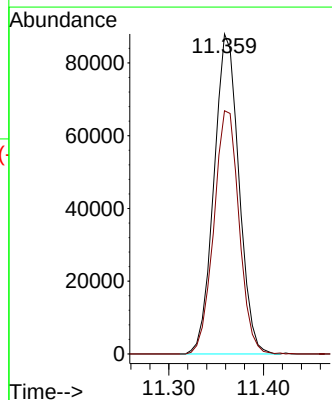
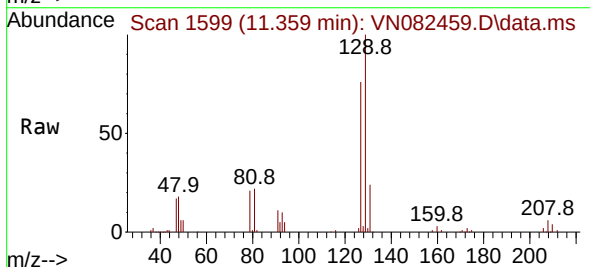
Manual Integrations
APPROVED

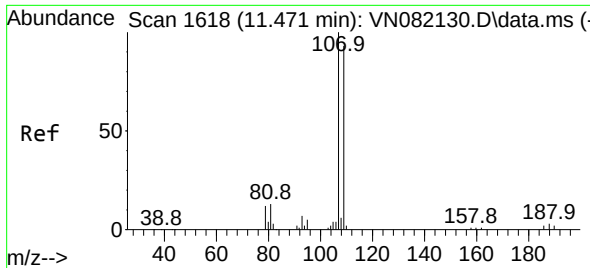
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#60
Dibromochloromethane
Concen: 66.921 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

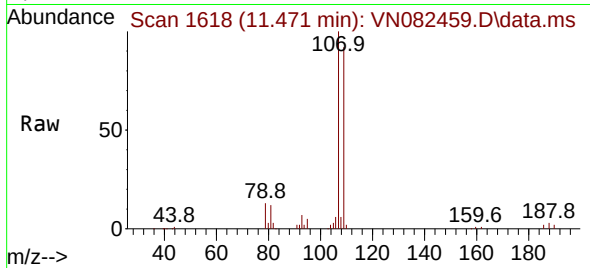
Tgt Ion:129 Resp: 161044
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8





#61
1,2-Dibromoethane
Concen: 58.321 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

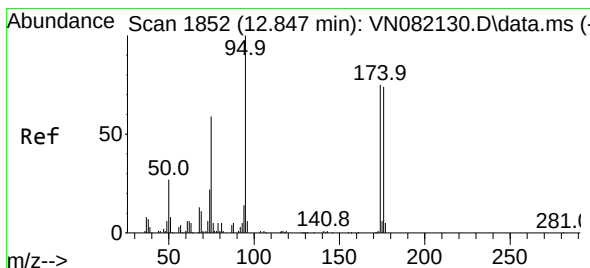
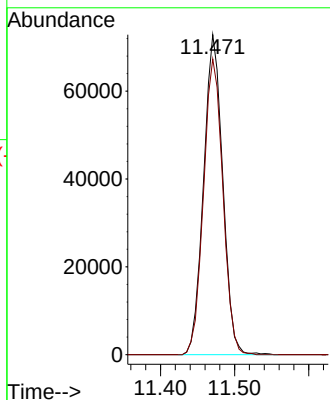
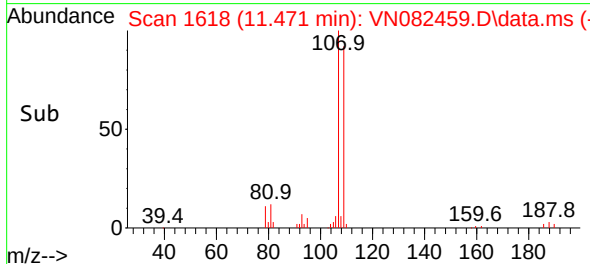
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



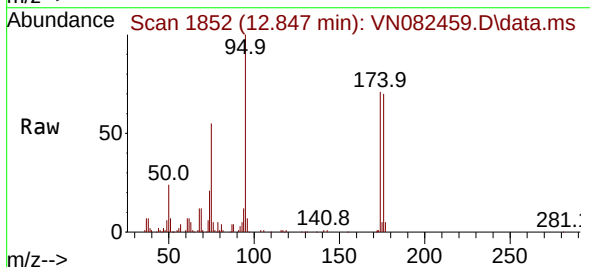
Tgt Ion:107 Resp: 130629
Ion Ratio Lower Upper
107 100
109 93.5 75.8 113.6

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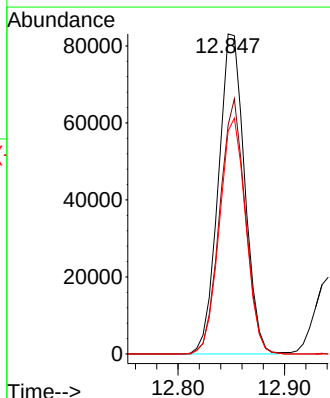
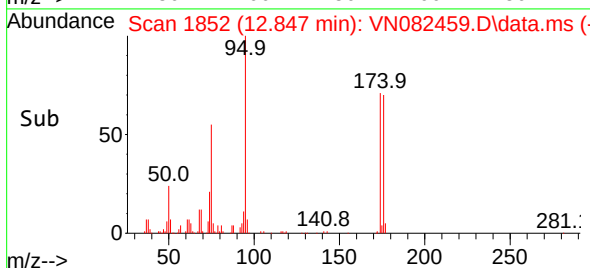
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

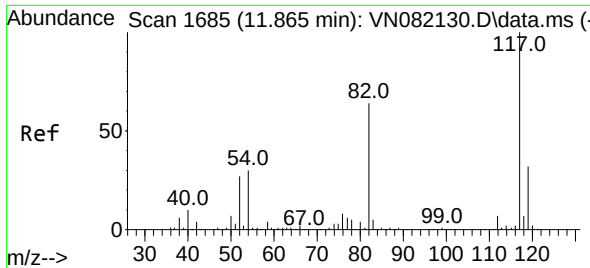


#62
4-Bromofluorobenzene
Concen: 52.032 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



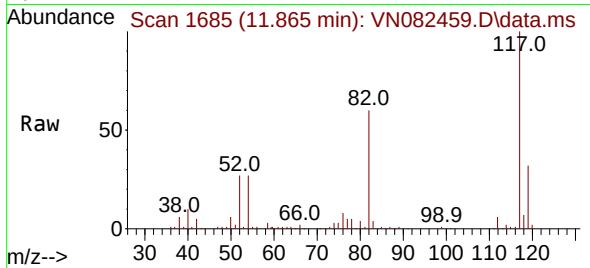
Tgt Ion: 95 Resp: 142354
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.6
176 73.9 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

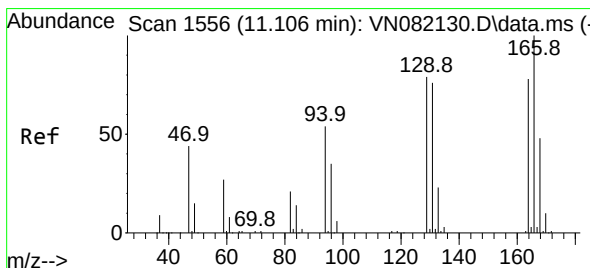
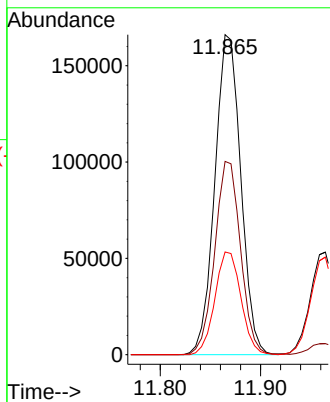
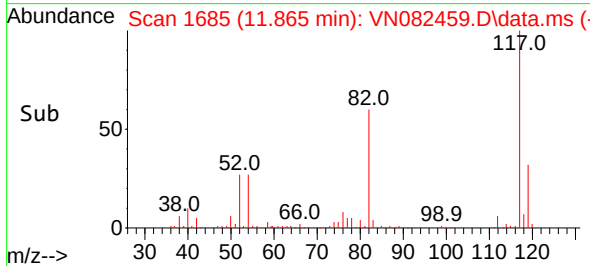
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 298969
Ion Ratio Lower Upper
117 100
82 60.4 44.6 66.8
119 32.1 25.9 38.9

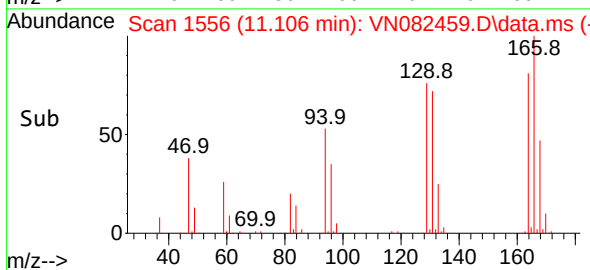
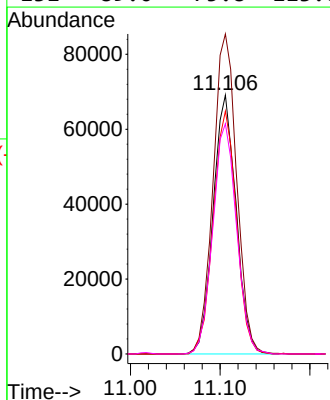
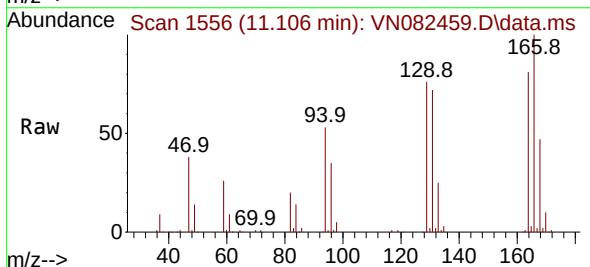
Manual Integrations
APPROVED

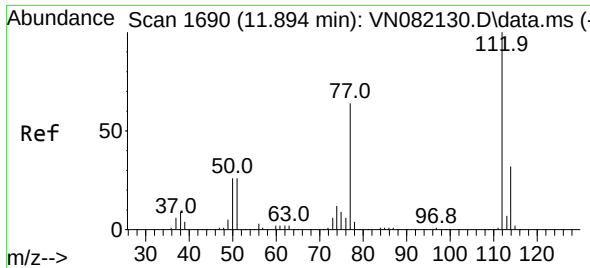
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#64
Tetrachloroethene
Concen: 55.527 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion:164 Resp: 123044
Ion Ratio Lower Upper
164 100
166 123.6 97.6 146.4
129 93.8 73.7 110.5
131 89.0 75.8 113.6





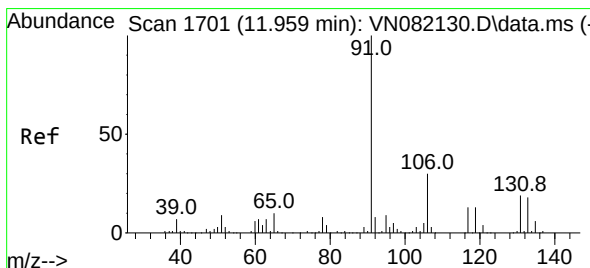
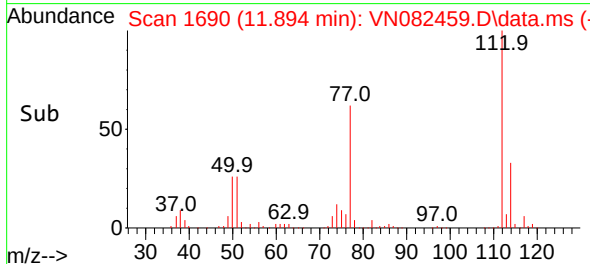
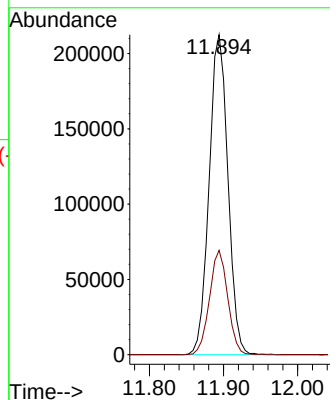
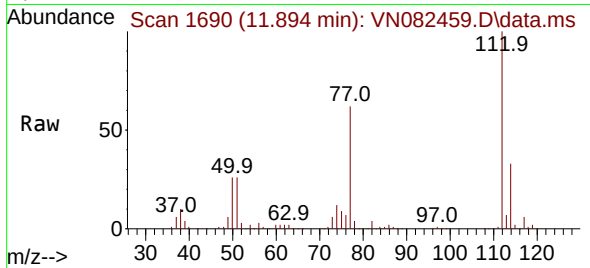
#65
Chlorobenzene
Concen: 56.621 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 37396
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

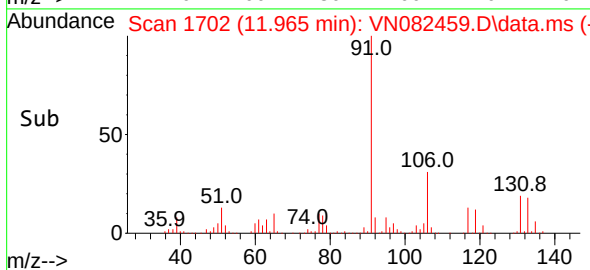
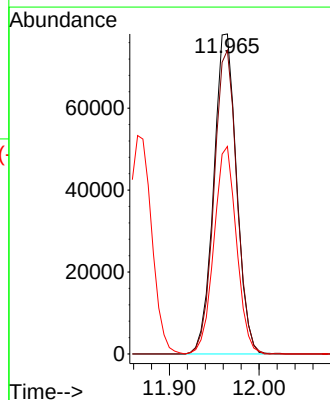
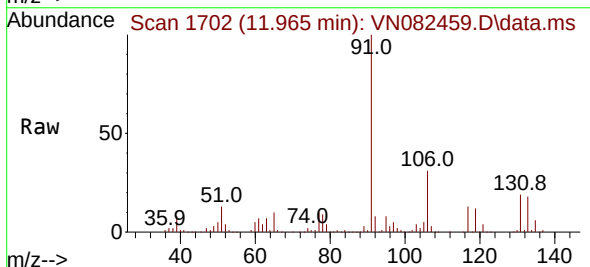
Manual Integrations
APPROVED

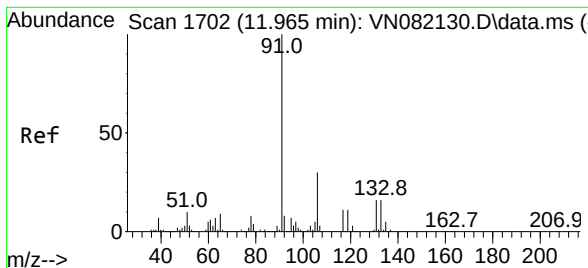
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 63.546 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion:131 Resp: 138246
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 63.8 32.9 98.7





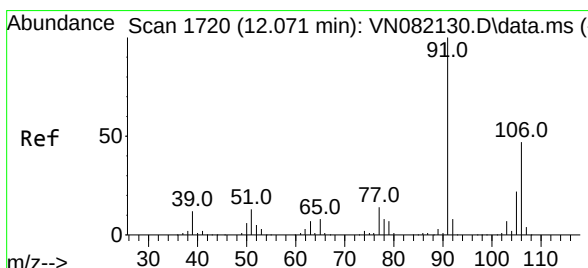
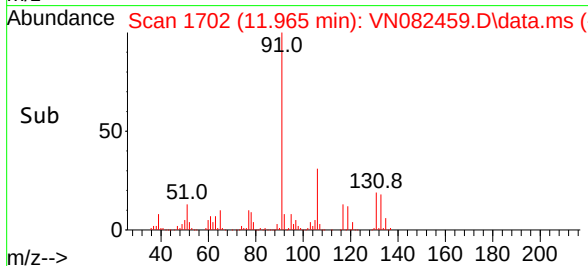
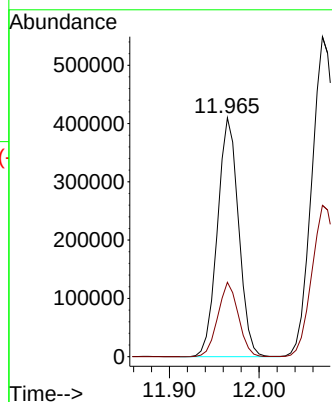
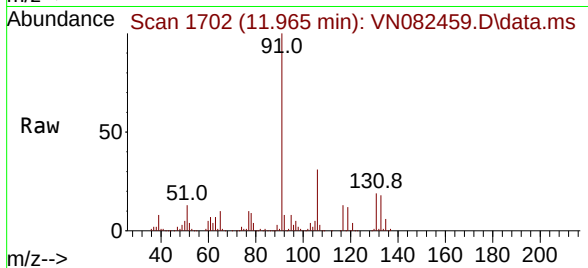
#67
Ethyl Benzene
Concen: 56.837 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 67151
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9

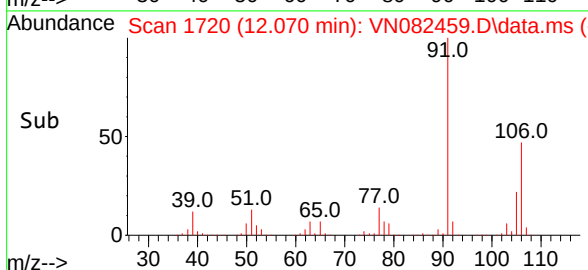
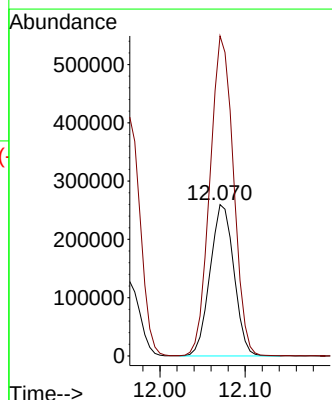
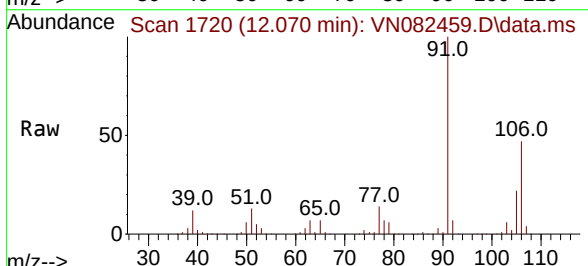
Manual Integrations
APPROVED

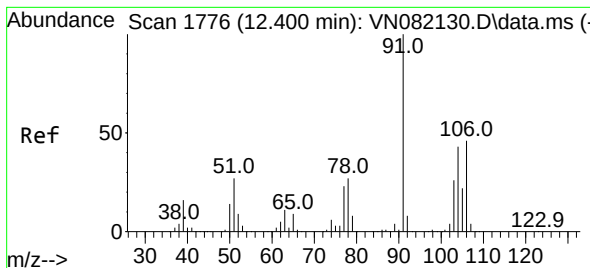
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#68
m/p-Xylenes
Concen: 116.677 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

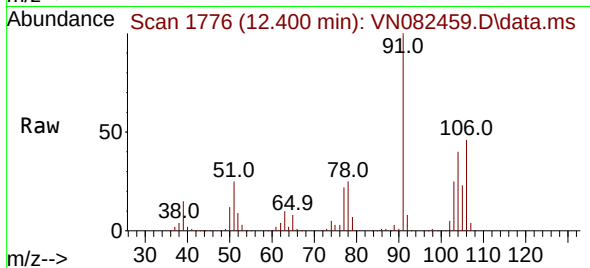
Tgt Ion:106 Resp: 505234
Ion Ratio Lower Upper
106 100
91 208.7 159.4 239.0





#69
o-Xylene
Concen: 58.337 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

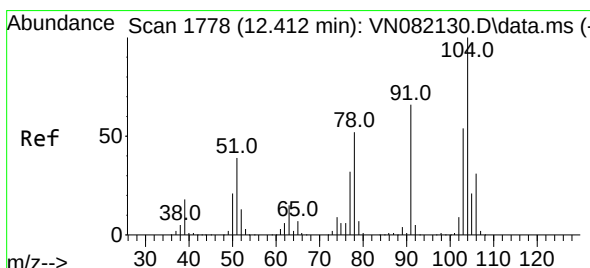
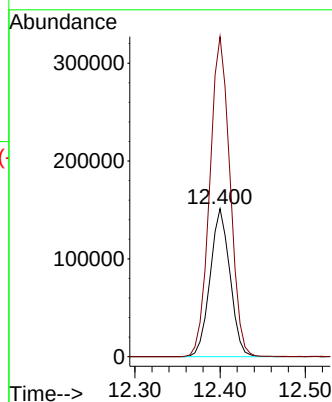
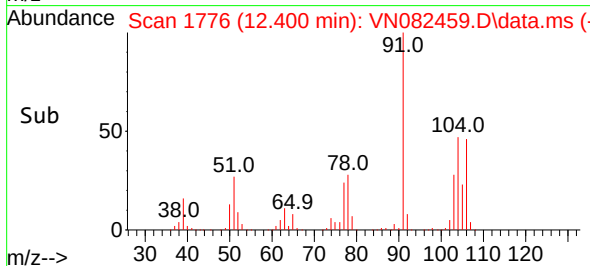
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 244698
Ion Ratio Lower Upper
106 100
91 220.8 104.7 314.1

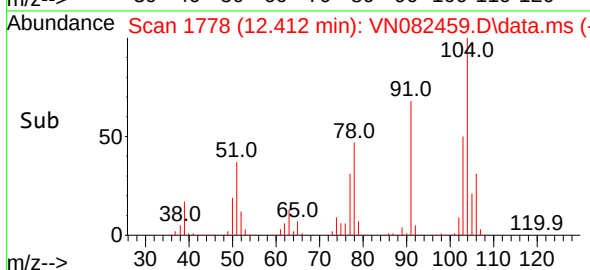
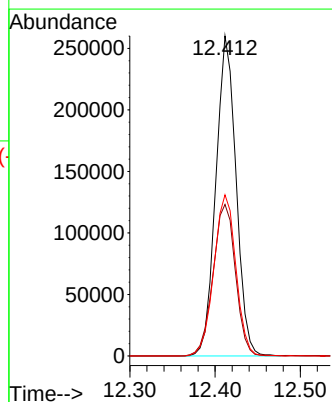
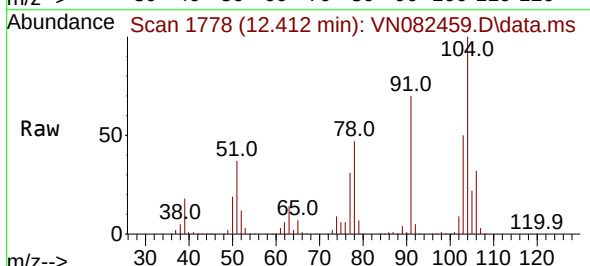
Manual Integrations
APPROVED

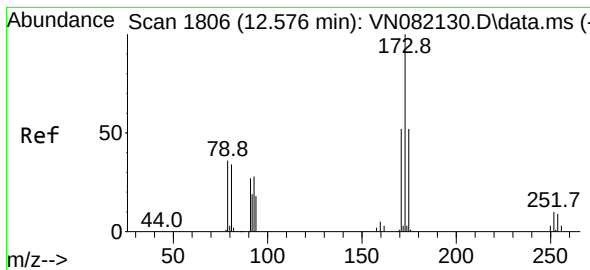
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#70
Styrene
Concen: 61.535 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

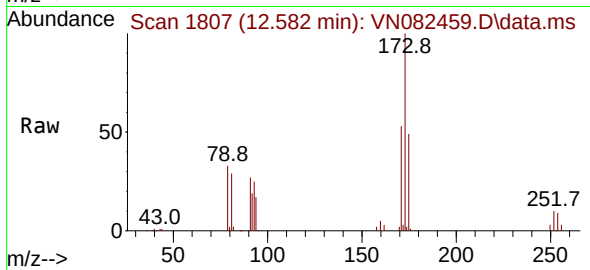
Tgt Ion:104 Resp: 428723
Ion Ratio Lower Upper
104 100
78 52.5 38.6 58.0
103 54.9 43.8 65.6





#71
Bromoform
Concen: 62.943 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

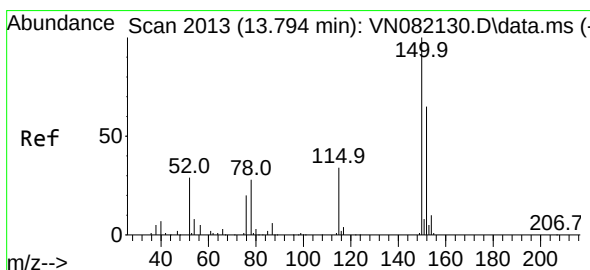
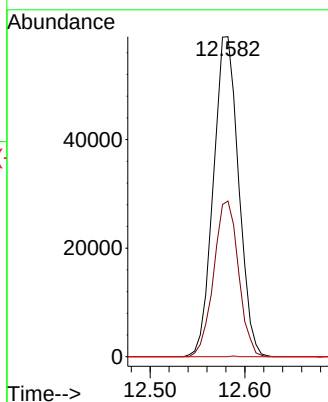
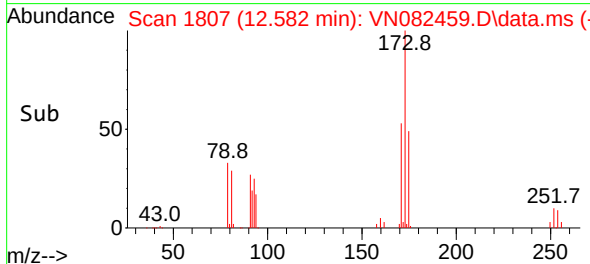
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



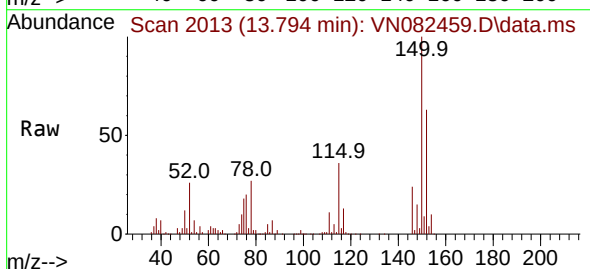
Tgt Ion:173 Resp: 109229
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.1 0.0 0.0

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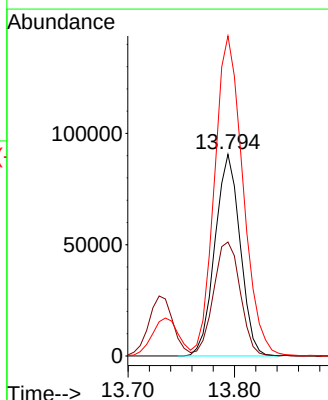
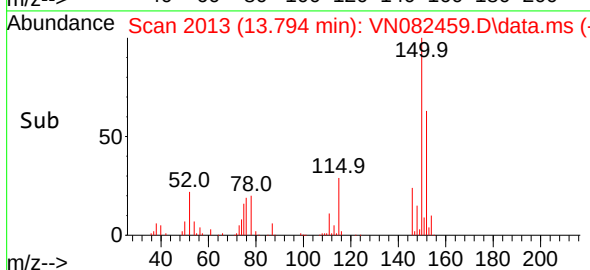
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

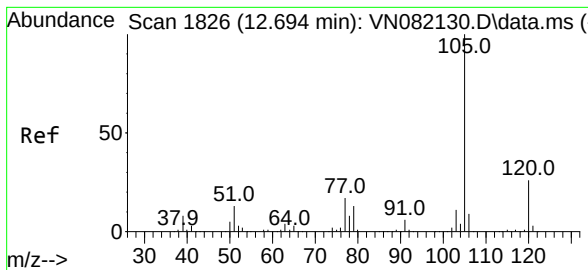


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



Tgt Ion:152 Resp: 148917
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 179.1 0.0 353.2





#73

Isopropylbenzene

Concen: 53.937 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 63811

Ion Ratio Lower Upper

105 100

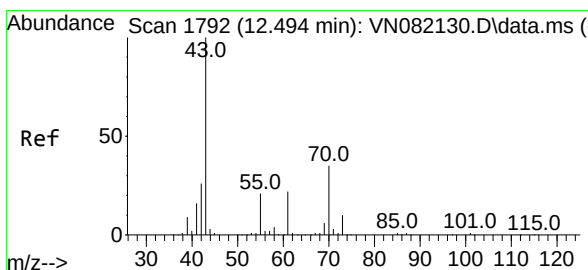
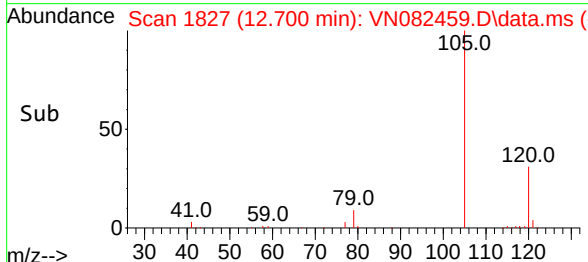
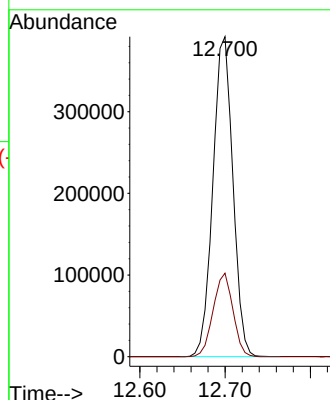
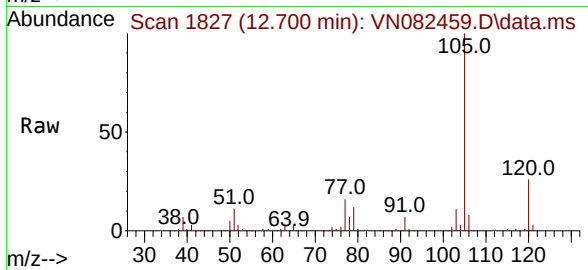
120 25.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#74

N-ethyl acetate

Concen: 51.559 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Tgt Ion: 43 Resp: 335523

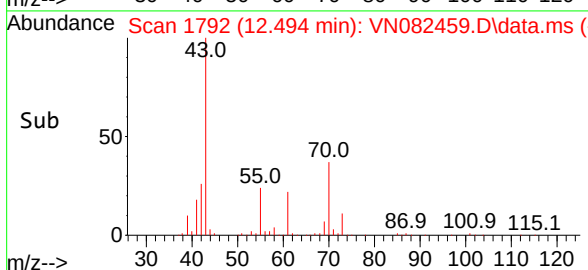
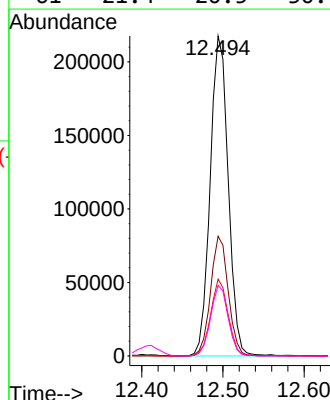
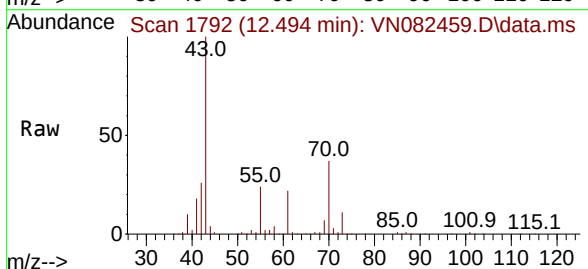
Ion Ratio Lower Upper

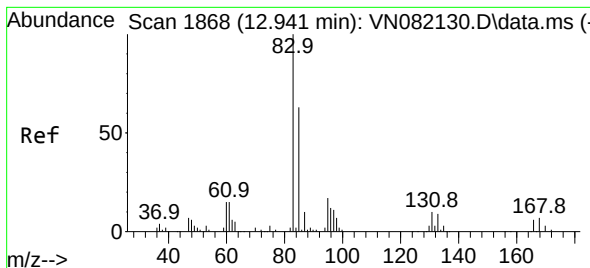
43 100

70 36.7 39.0 58.4#

55 23.3 21.3 31.9

61 21.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 55.340 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 188728

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.4

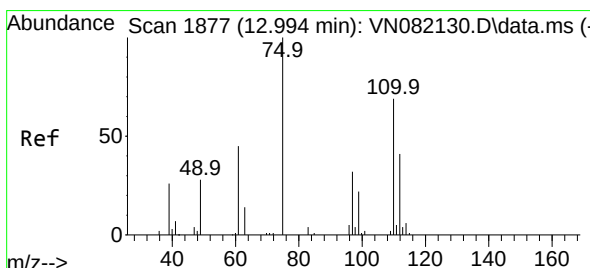
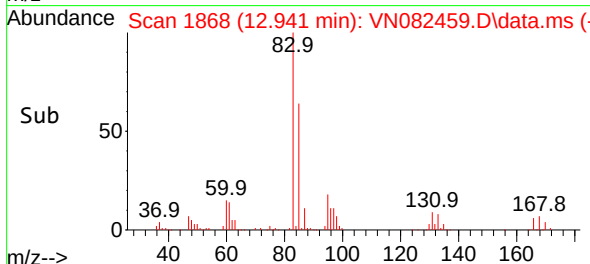
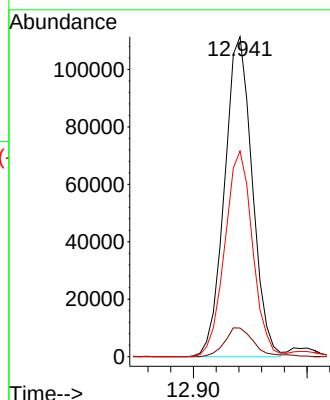
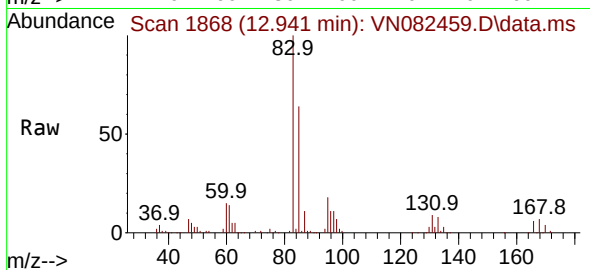
85 64.6 32.9 98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#76

1,2,3-Trichloropropane

Concen: 57.156 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082459.D

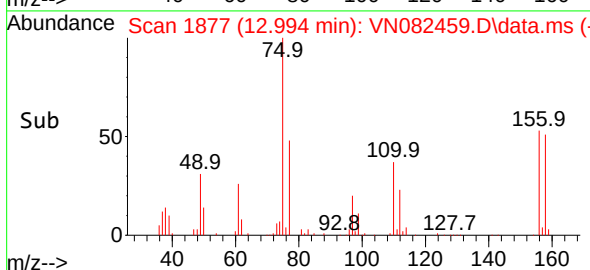
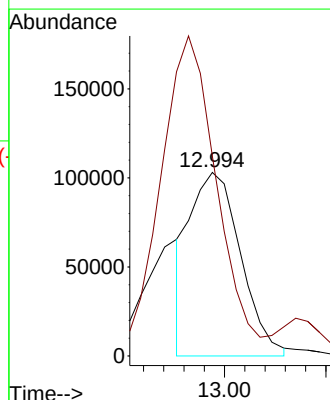
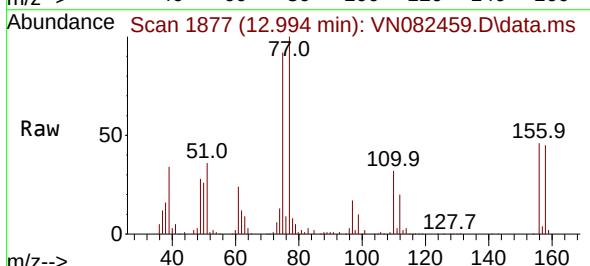
Acq: 05 Jun 2024 10:15

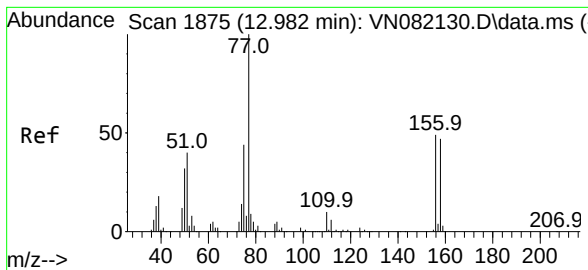
Tgt Ion: 75 Resp: 179147

Ion Ratio Lower Upper

75 100

77 193.2 90.5 271.3





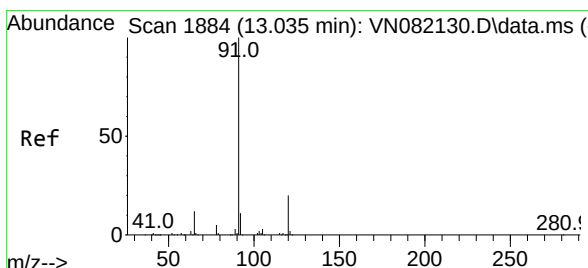
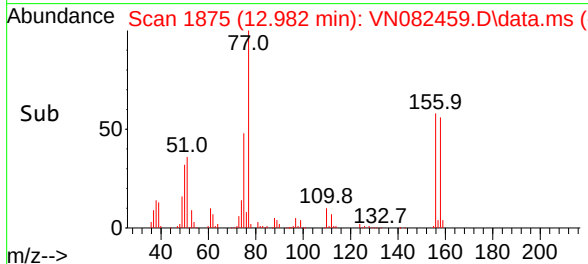
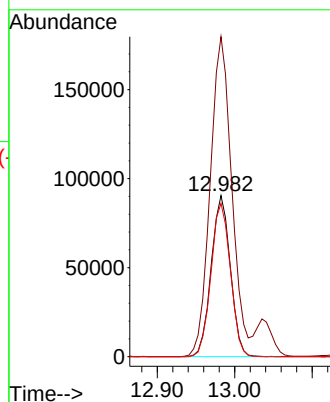
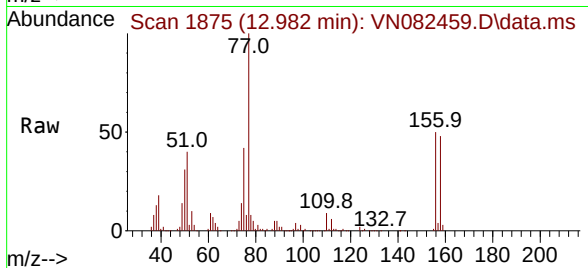
#77
Bromobenzene
Concen: 55.079 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 155289
Ion Ratio Lower Upper
156 100
77 222.8 100.2 300.6
158 96.0 49.1 147.3

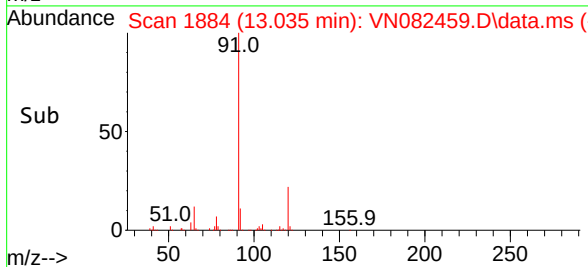
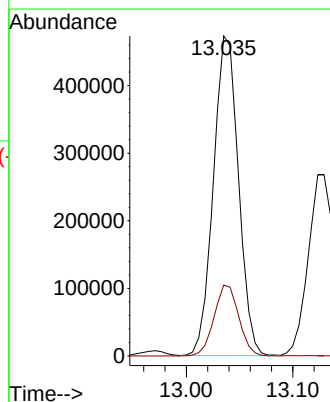
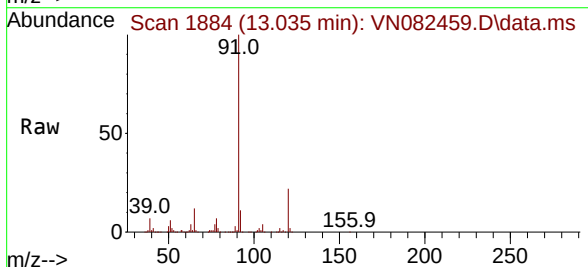
Manual Integrations
APPROVED

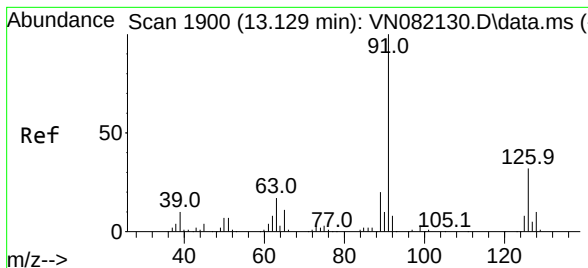
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#78
n-propylbenzene
Concen: 55.130 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion: 91 Resp: 772333
Ion Ratio Lower Upper
91 100
120 21.9 11.7 35.0





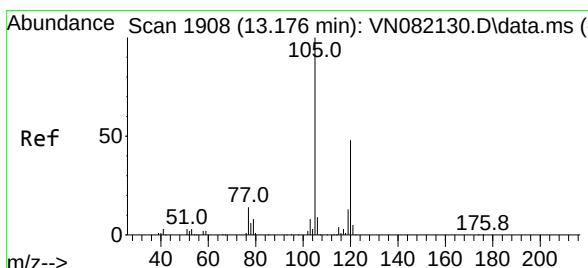
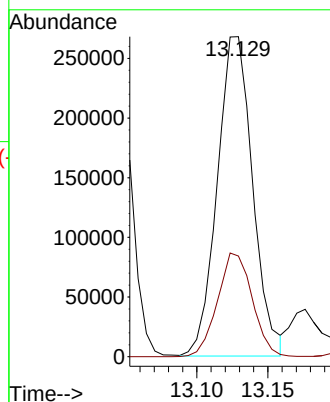
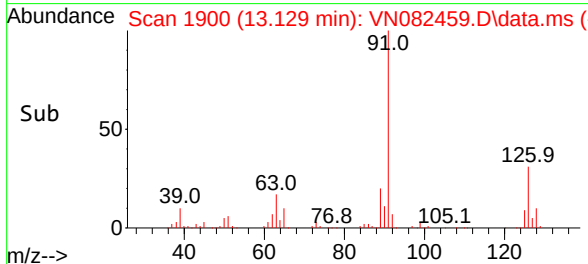
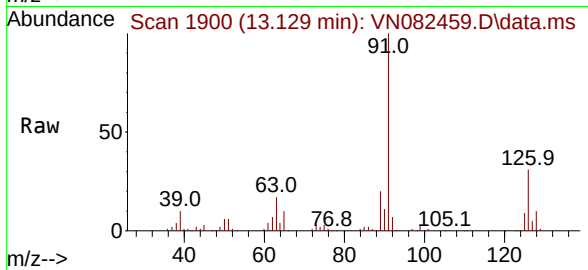
#79
2-Chlorotoluene
Concen: 52.837 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 464809
Ion Ratio Lower Upper
91 100
126 31.9 17.5 52.5

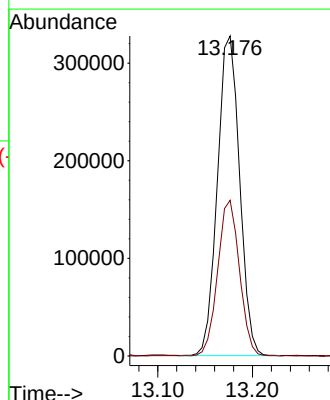
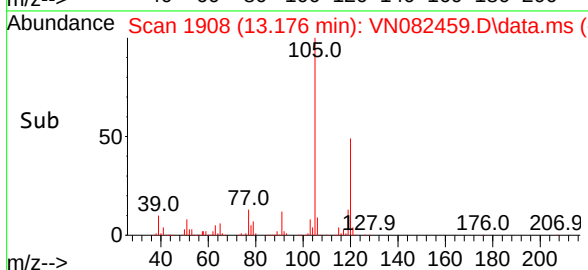
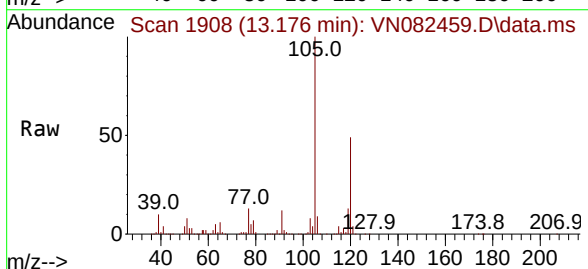
Manual Integrations
APPROVED

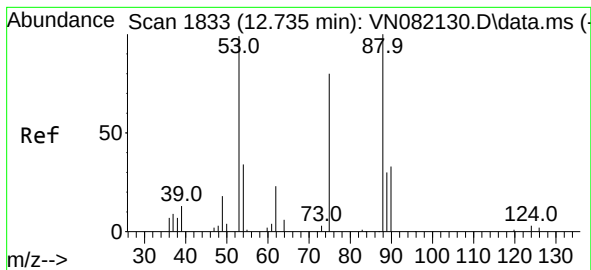
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.698 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

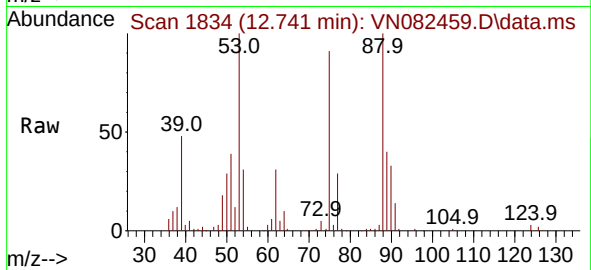
Tgt Ion:105 Resp: 532815
Ion Ratio Lower Upper
105 100
120 47.9 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 56.954 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

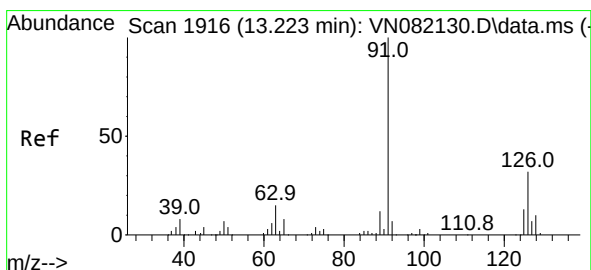
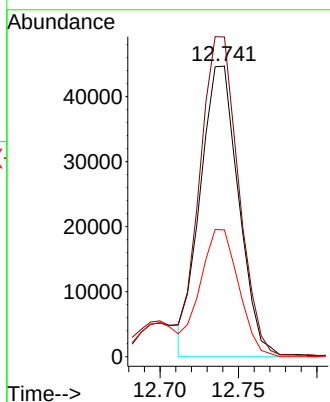
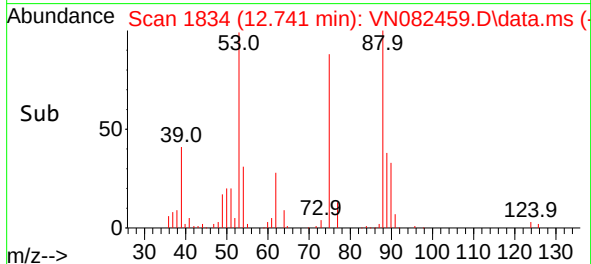
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 7632
Ion Ratio Lower Upper
75 100
53 124.8 72.9 109.3
89 44.2 39.1 58.7

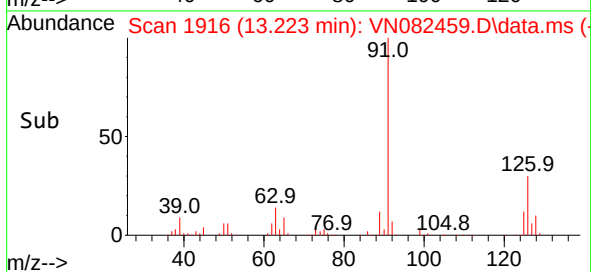
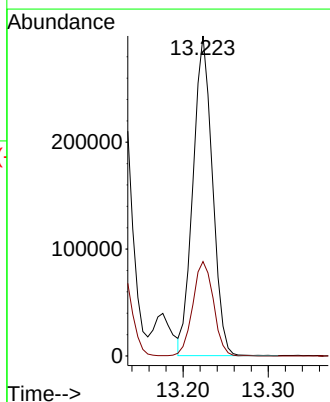
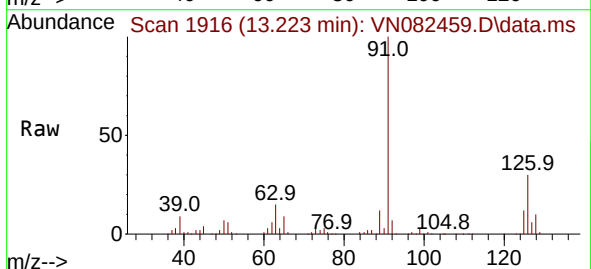
Manual Integrations
APPROVED

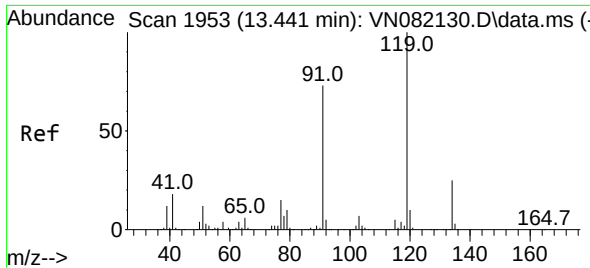
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#82
4-Chlorotoluene
Concen: 54.899 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion: 91 Resp: 472193
Ion Ratio Lower Upper
91 100
126 31.5 17.4 52.3





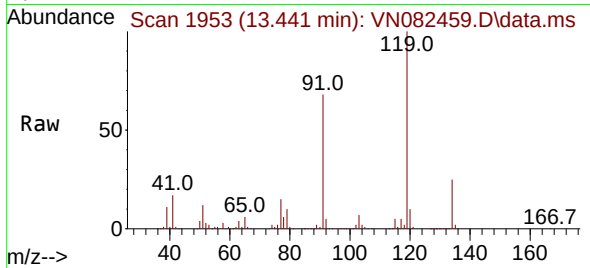
#83
tert-Butylbenzene
Concen: 54.877 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



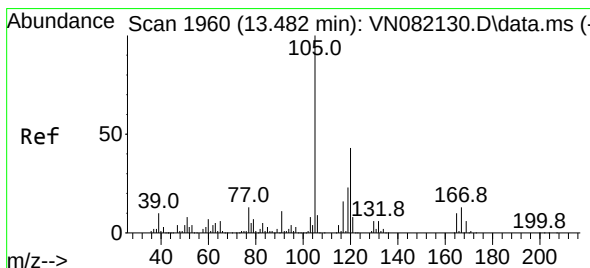
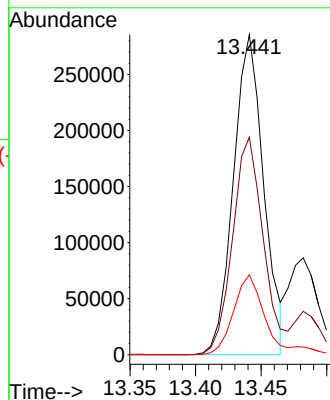
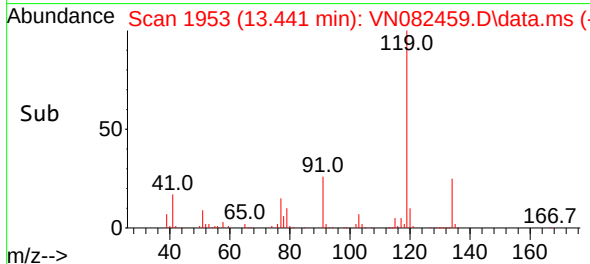
Tgt Ion:119 Resp: 45926
Ion Ratio Lower Upper
119 100
91 69.5 32.6 97.8
134 26.5 12.4 37.0

Manual Integrations

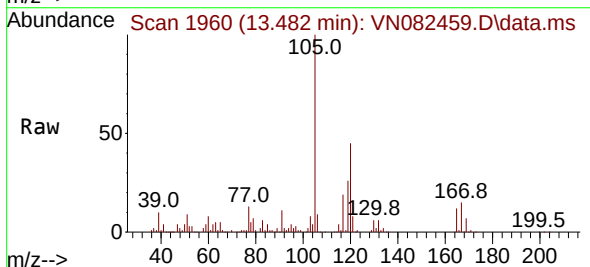
APPROVED

Reviewed By :John Carlone 06/06/2024

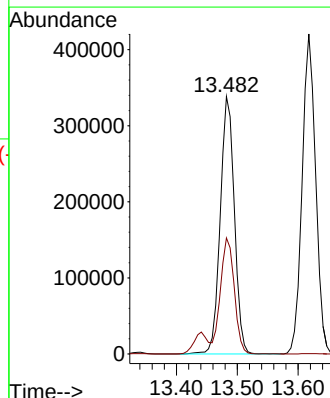
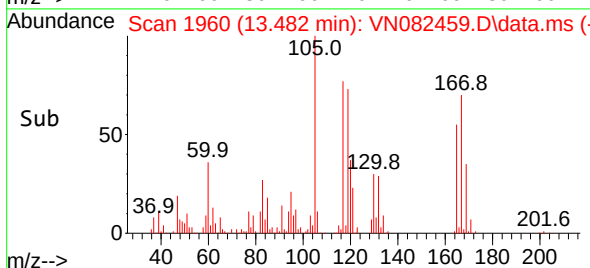
Supervised By :Mahesh Dadoda 06/06/2024

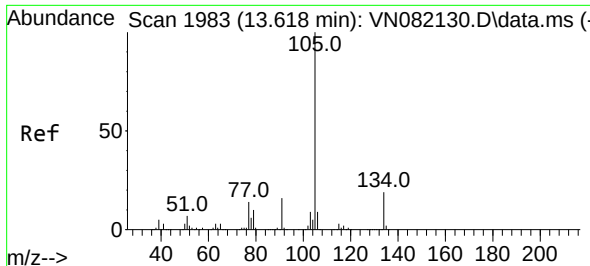


#84
1,2,4-Trimethylbenzene
Concen: 55.677 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



Tgt Ion:105 Resp: 544916
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.7





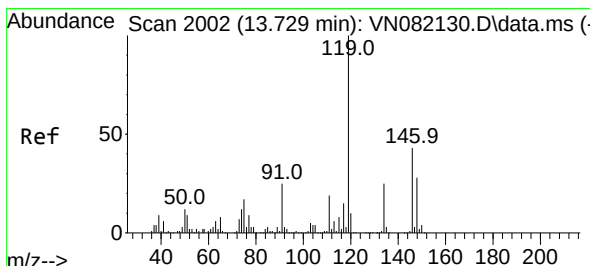
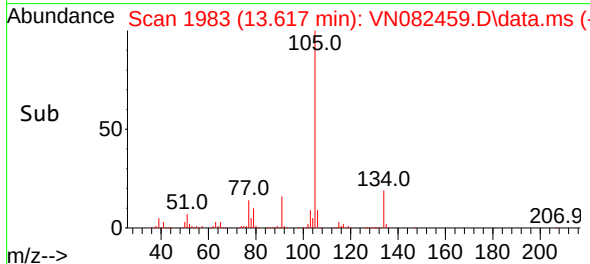
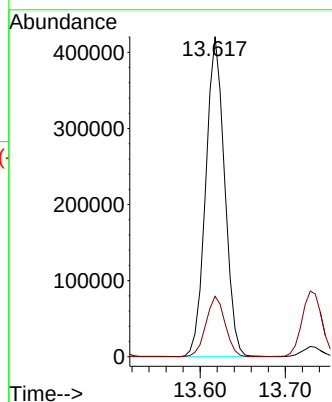
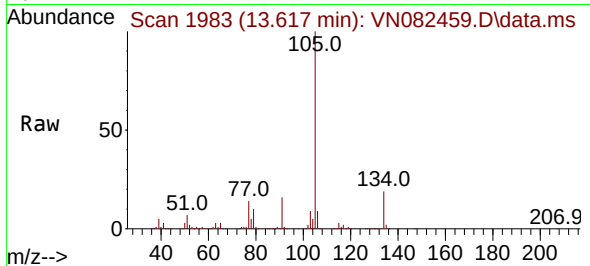
#85
 sec-Butylbenzene
 Concen: 55.807 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082459.D
 Acq: 05 Jun 2024 10:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 647360
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.4

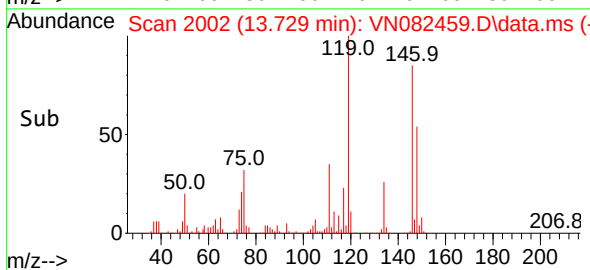
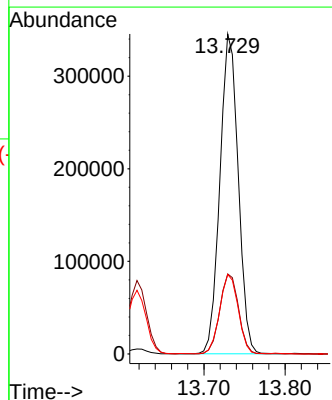
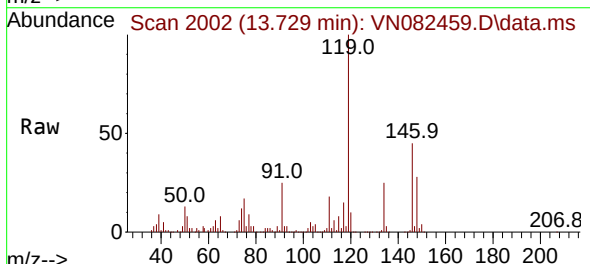
Manual Integrations
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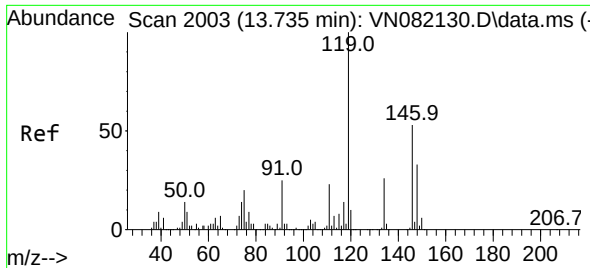
Reviewed By :John Carlone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024



#86
 p-Isopropyltoluene
 Concen: 57.393 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082459.D
 Acq: 05 Jun 2024 10:15

Tgt Ion:119 Resp: 541071
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 25.0 11.8 35.3





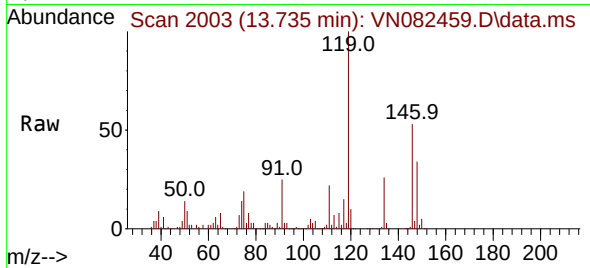
#87
1,3-Dichlorobenzene
Concen: 56.438 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



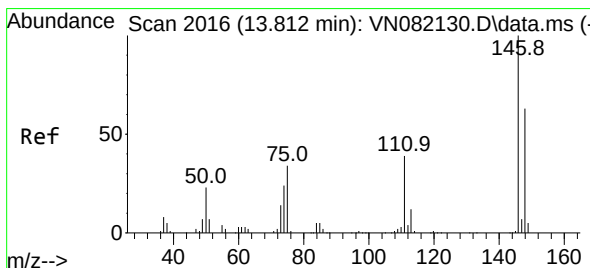
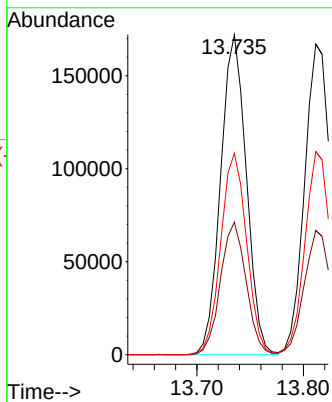
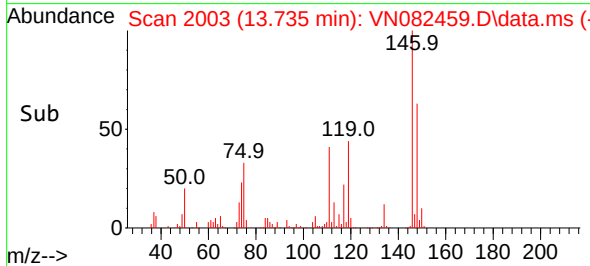
Tgt Ion:146 Resp: 28827
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.5
148 63.4 32.1 96.3

Manual Integrations

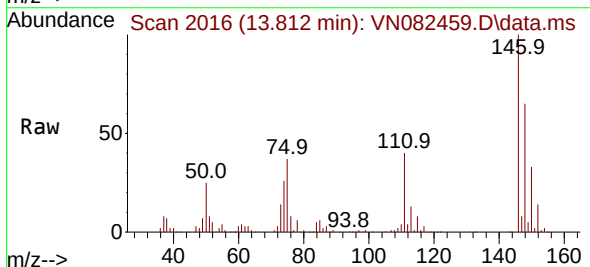
APPROVED

Reviewed By :John Carlone 06/06/2024

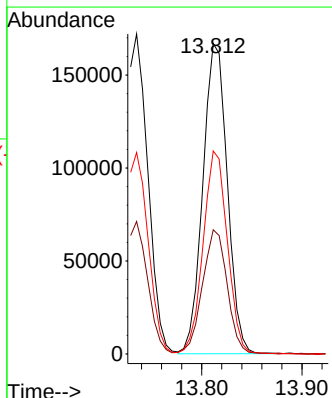
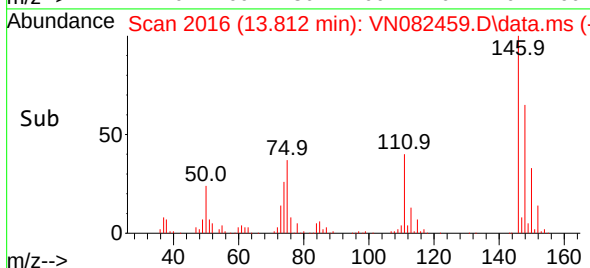
Supervised By :Mahesh Dadoda 06/06/2024

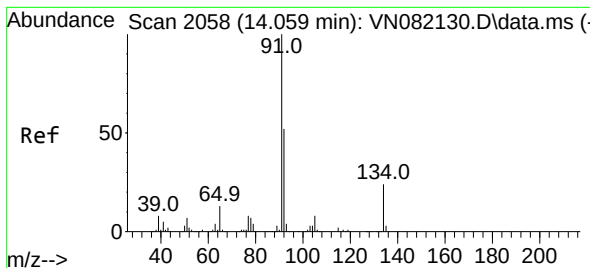


#88
1,4-Dichlorobenzene
Concen: 54.315 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



Tgt Ion:146 Resp: 283157
Ion Ratio Lower Upper
146 100
111 40.3 19.3 57.9
148 65.0 31.3 93.9





#89

n-Butylbenzene

Concen: 56.707 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

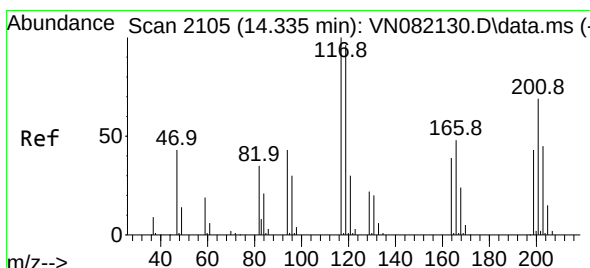
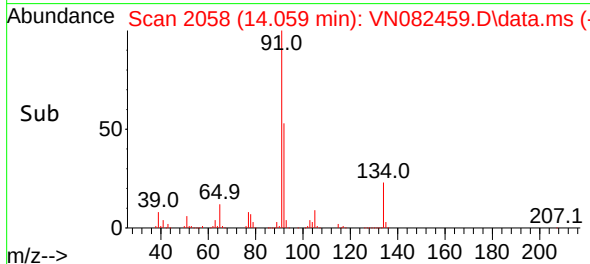
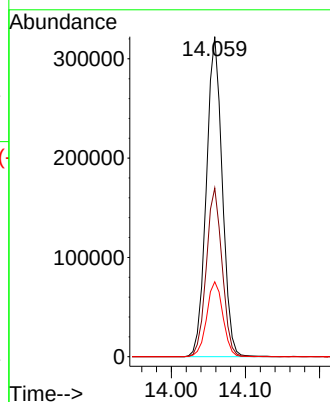
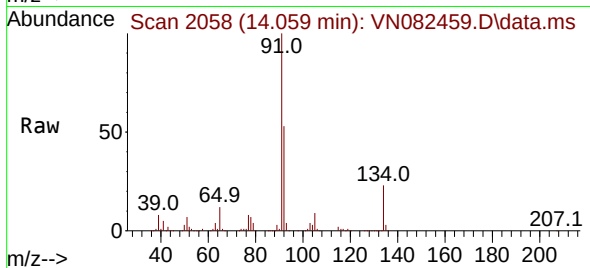
Tgt Ion:	91	Resp:	480504
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	23.9	13.2	39.5

Manual Integrations

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#90

Hexachloroethane

Concen: 59.989 ug/l

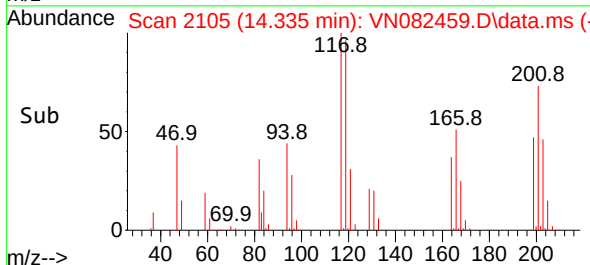
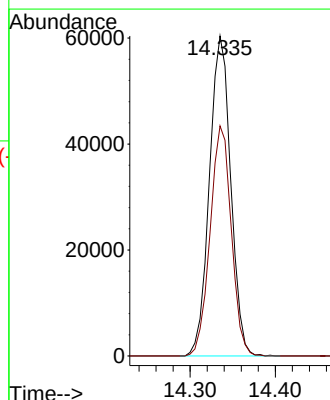
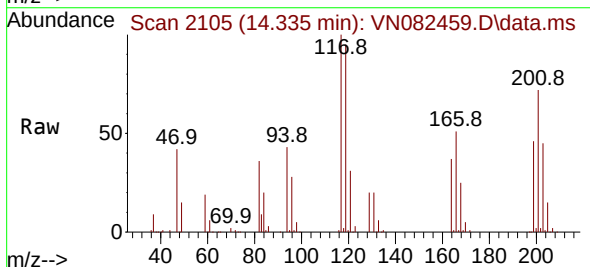
RT: 14.335 min Scan# 2105

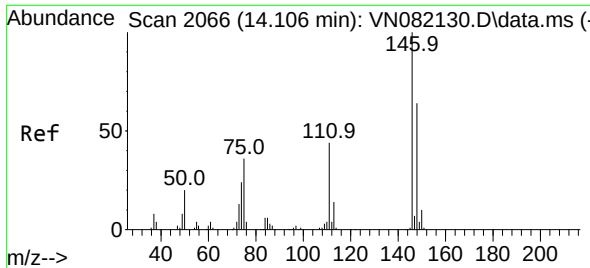
Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Tgt Ion:	117	Resp:	104781
Ion	Ratio	Lower	Upper
117	100		
201	71.5	33.3	99.8





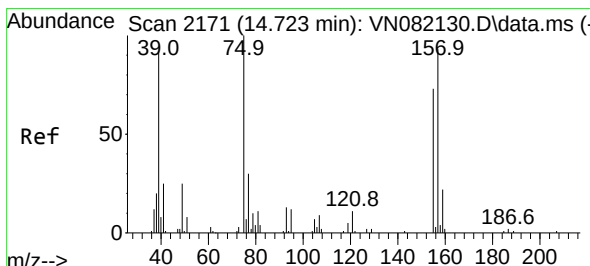
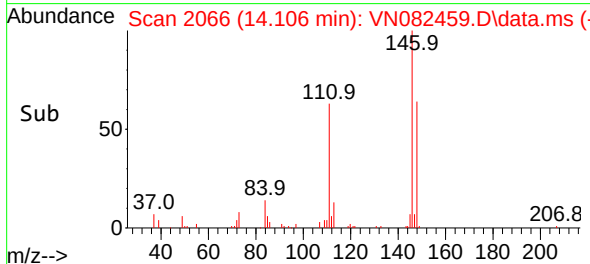
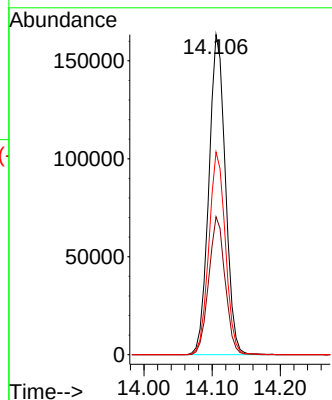
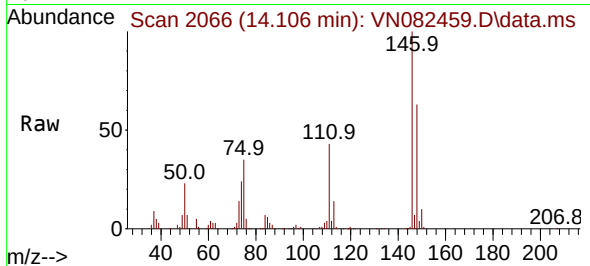
#91
1,2-Dichlorobenzene
Concen: 56.984 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 27551
Ion Ratio Lower Upper
146 100
111 42.7 21.3 64.0
148 63.3 31.8 95.4

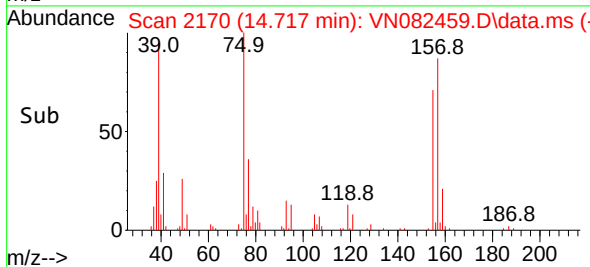
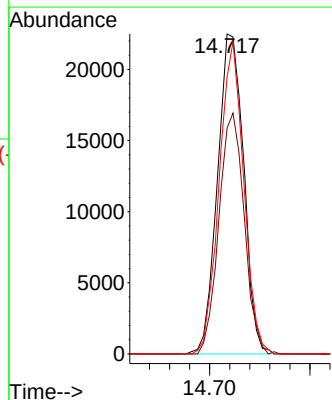
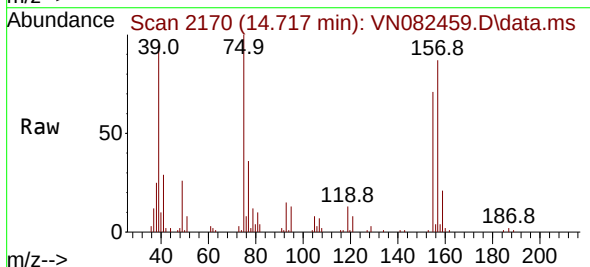
Manual Integrations
APPROVED

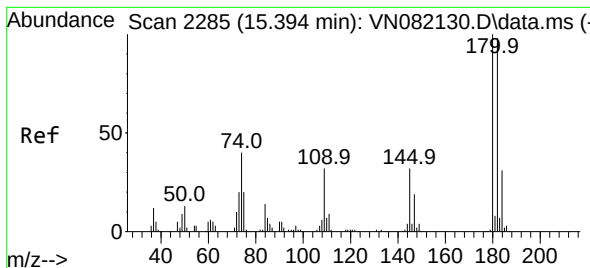
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.052 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

Tgt Ion: 75 Resp: 40676
Ion Ratio Lower Upper
75 100
155 73.0 42.6 128.0
157 91.7 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 55.397 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 150130

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.0

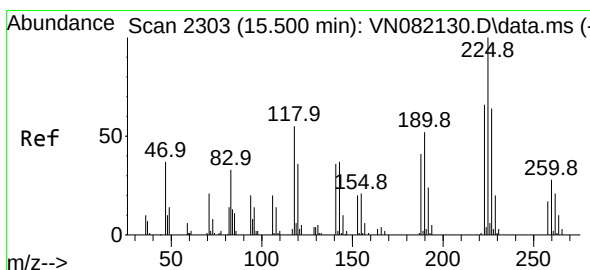
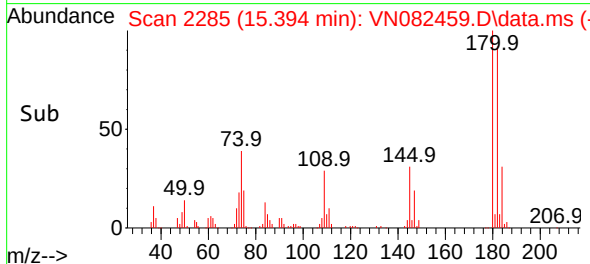
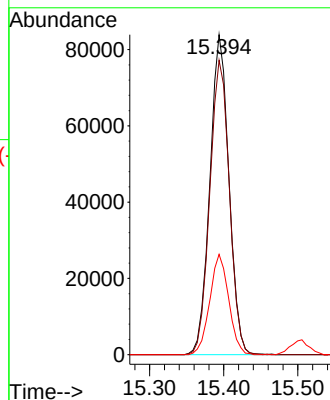
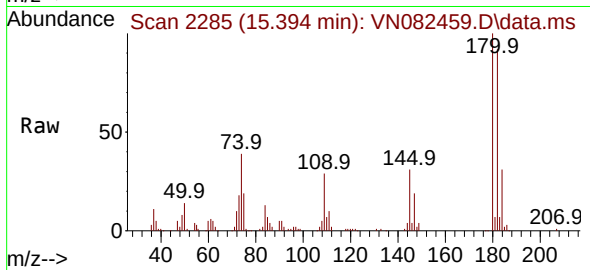
145 31.1 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#94

Hexachlorobutadiene

Concen: 54.571 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082459.D

Acq: 05 Jun 2024 10:15

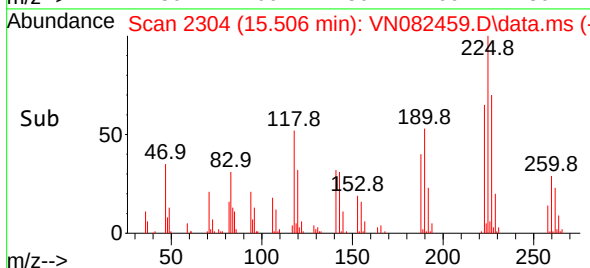
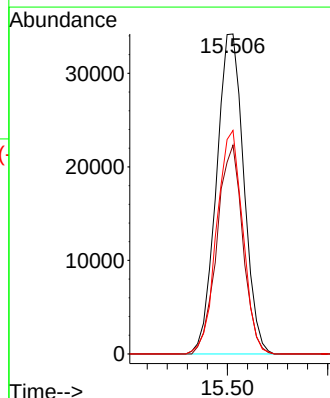
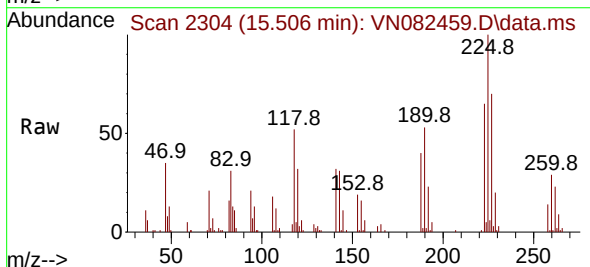
Tgt Ion:225 Resp: 64897

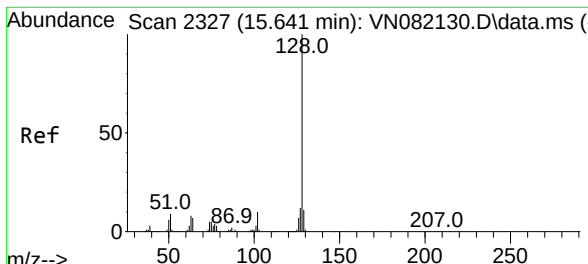
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.2

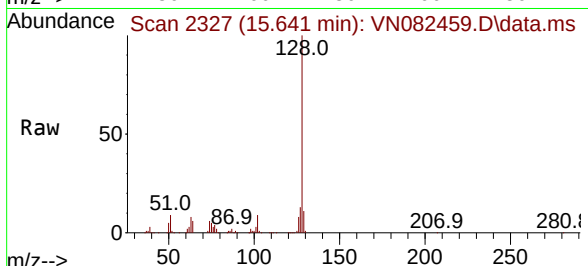
227 66.6 30.6 91.6





#95
Naphthalene
Concen: 58.664 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15

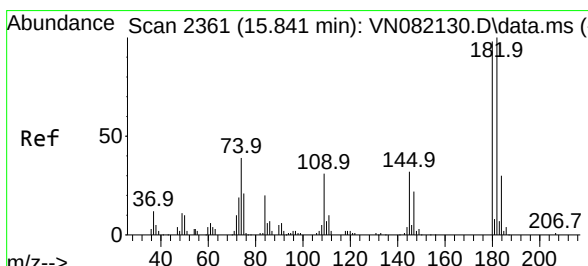
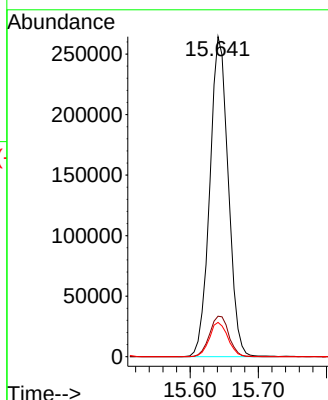
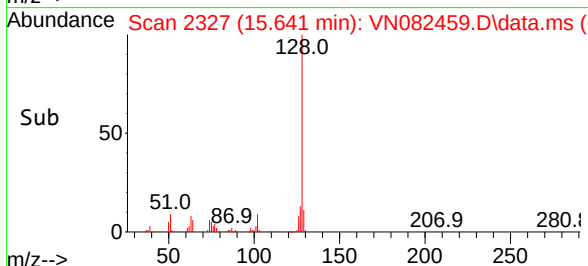
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



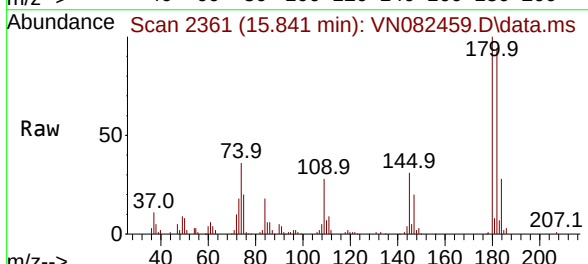
Tgt Ion:128 Resp: 49824
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 56.934 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082459.D
Acq: 05 Jun 2024 10:15



Tgt Ion:180 Resp: 154469
Ion Ratio Lower Upper
180 100
182 93.8 46.0 137.8
145 32.9 17.1 51.3

