

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082342.D
 Acq On : 28 May 2024 13:16
 Operator : JC\MD
 Sample : P2617-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50360

Quant Time: May 29 06:48:45 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	213726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	367835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162325	48.099	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.200%
35) Dibromofluoromethane	8.165	113	116284	51.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.780%
50) Toluene-d8	10.571	98	458442	52.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.847	95	174945	56.500	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	113.000%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1578	0.452	ug/l #	80
5) Bromomethane	2.971	94	1165	0.617	ug/l #	70
8) Diethyl Ether	3.959	74	3696	2.413	ug/l #	7
10) Methyl Iodide	4.595	142	975	0.386	ug/l #	86
11) Tert butyl alcohol	5.524	59	26679	49.248	ug/l	100
13) Acrolein	4.200	56	318	0.792	ug/l #	15
15) Acrylonitrile	5.736	53	663	0.473	ug/l #	25
16) Acetone	4.430	43	516001	372.726	ug/l	90
17) Carbon Disulfide	4.706	76	2310	0.306	ug/l #	73
18) Methyl Acetate	5.024	43	22760	6.602	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	333628	39.104	ug/l	93
20) Methylene Chloride	5.271	84	2023	0.724	ug/l #	69
22) Diisopropyl ether	6.671	45	117627	11.272	ug/l #	93
23) Vinyl Acetate	6.671	43	66192	8.045	ug/l #	68
25) 2-Butanone	7.565	43	17753283	8458.105	ug/l #	43
29) Tetrahydrofuran	7.565	42	1109431	823.232	ug/l #	33
31) Cyclohexane	8.259	56	16489	3.059	ug/l	91
36) 1,1-Dichloropropene	8.224	75	19003	5.007	ug/l #	49
37) Ethyl Acetate	7.565	43	17753283	4180.135	ug/l	98
38) Carbon Tetrachloride	8.224	117	22599	5.874	ug/l #	16
39) Methylcyclohexane	9.594	83	3069	0.738	ug/l #	84
40) Benzene	8.606	78	2988966	264.121	ug/l	99
41) Methacrylonitrile	7.788	41	7969	3.190	ug/l #	38
42) 1,2-Dichloroethane	8.606	62	30738	7.062	ug/l #	73
43) Isopropyl Acetate	8.647	43	101129	13.438	ug/l #	52
48) Methyl methacrylate	9.659	41	3096	0.863	ug/l #	8
51) 4-Methyl-2-Pentanone	10.447	43	13013	3.043	ug/l #	75
52) Toluene	10.629	92	2966193	436.768	ug/l	99
53) t-1,3-Dichloropropene	10.629	75	39332	9.397	ug/l #	1
59) 2-Hexanone	11.200	43	14565	4.652	ug/l	80
67) Ethyl Benzene	11.965	91	331375	24.222	ug/l	100
68) m/p-Xylenes	12.070	106	413927	82.552	ug/l	93
69) o-Xylene	12.400	106	228918	47.131	ug/l	91
70) Styrene	12.400	104	13870	1.719	ug/l #	1
71) Bromoform	12.582	173	134	0.767	ug/l #	28
73) Isopropylbenzene	12.700	105	10368	0.773	ug/l	98

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

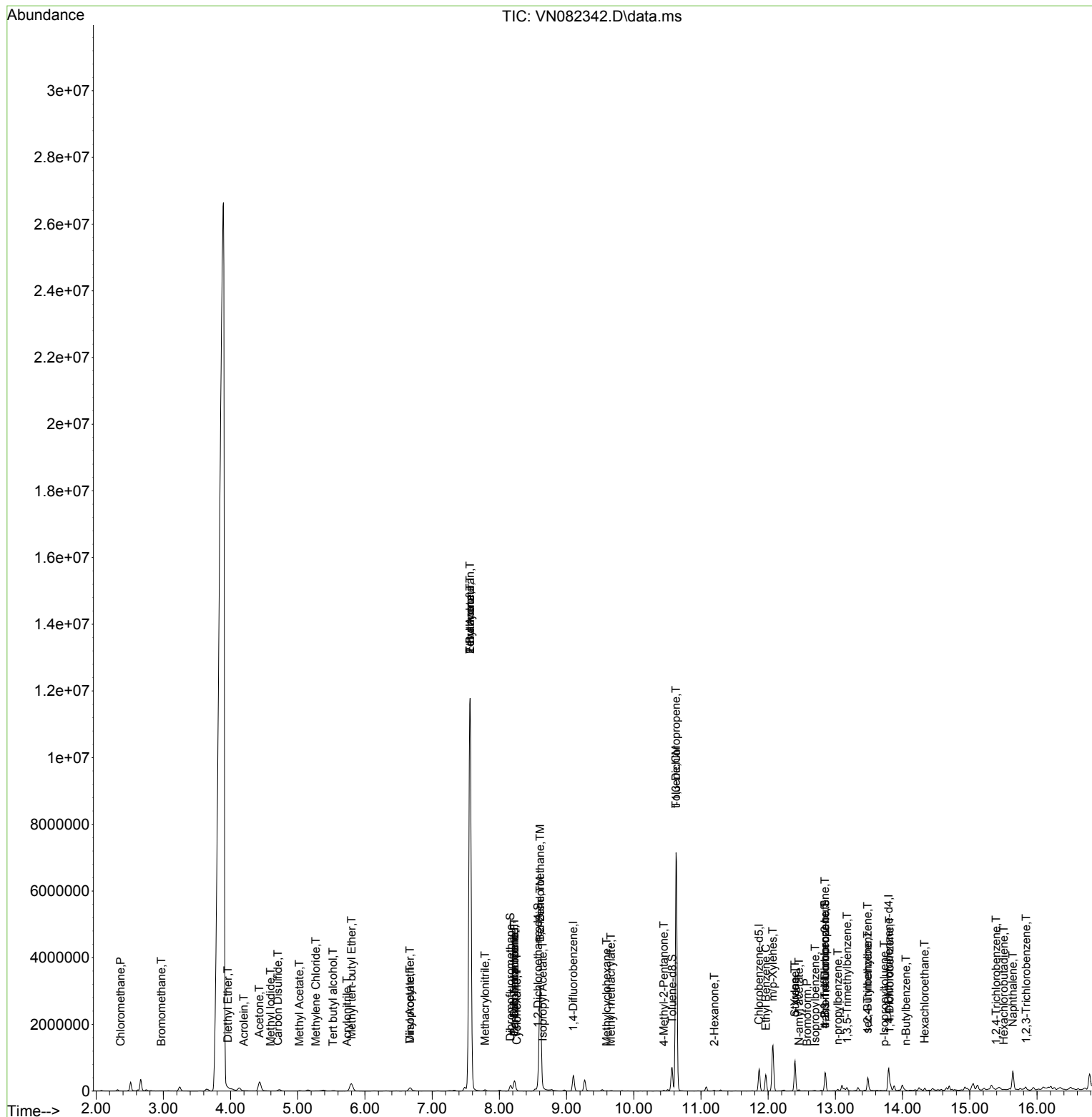
74) N-amyl acetate	12.459	43	25473	3.452	ug/l #	41
76) 1,2,3-Trichloropropane	12.847	75	101501	28.557	ug/l #	1
78) n-propylbenzene	13.035	91	27793	1.749	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	41840	3.857	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	101501	66.794	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.482	105	213152	19.206	ug/l	98
85) sec-Butylbenzene	13.482	105	213152	16.204	ug/l #	56
86) p-Isopropyltoluene	13.729	119	3478	0.325	ug/l	92
88) 1,4-Dichlorobenzene	13.806	146	1188	0.201	ug/l #	70
89) n-Butylbenzene	14.053	91	4471	0.465	ug/l #	70
90) Hexachloroethane	14.329	117	4074	2.057	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.394	180	1543	0.502	ug/l #	1
94) Hexachlorobutadiene	15.506	225	791	0.587	ug/l	88
95) Naphthalene	15.641	128	485801	50.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	1616	0.525	ug/l #	79

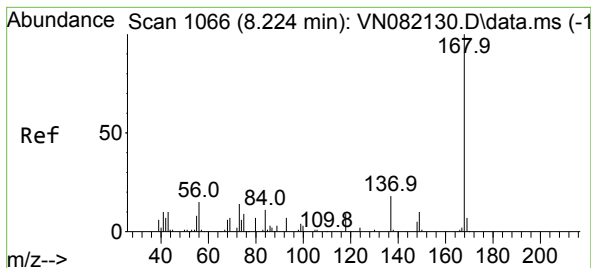
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

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MSVOA_N

ClientSampleId :

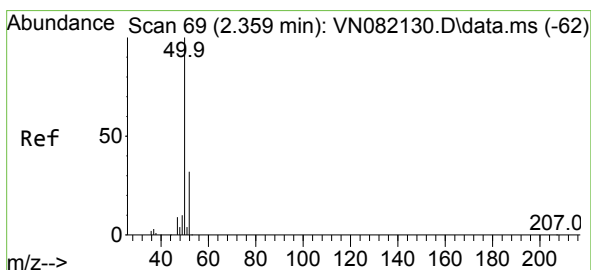
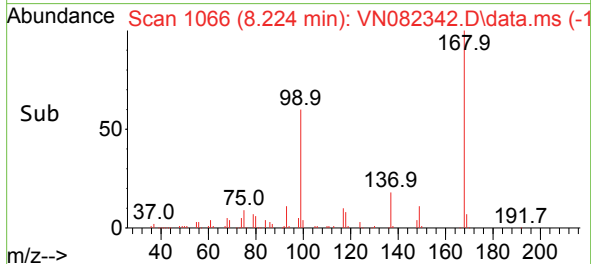
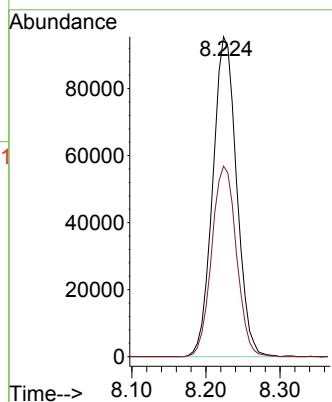
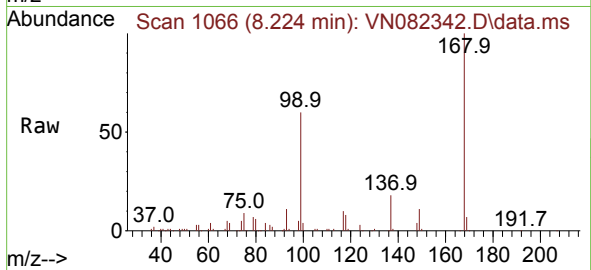
50360

Tgt Ion:168 Resp: 213726

Ion Ratio Lower Upper

168 100

99 59.6 48.2 72.4



#3

Chloromethane

Concen: 0.452 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082342.D

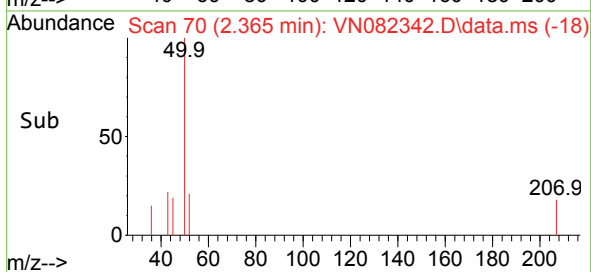
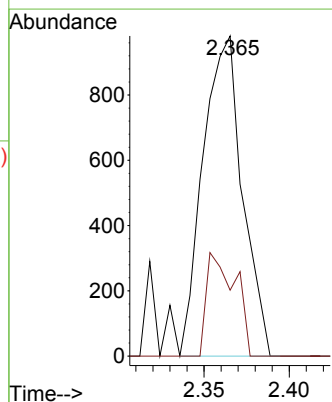
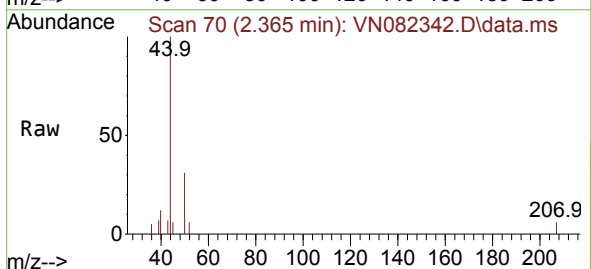
Acq: 28 May 2024 13:16

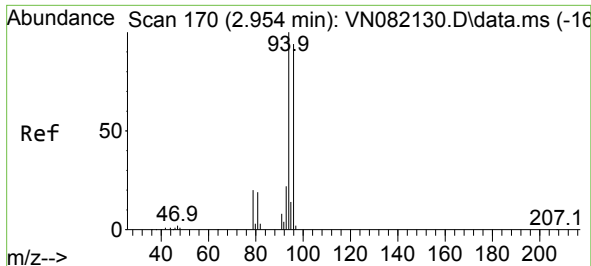
Tgt Ion: 50 Resp: 1578

Ion Ratio Lower Upper

50 100

52 20.6 25.5 38.3#

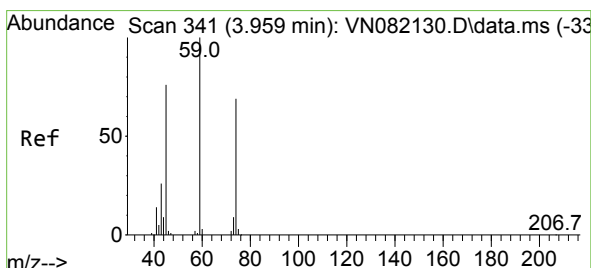
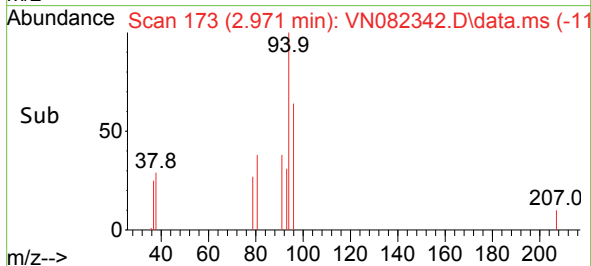
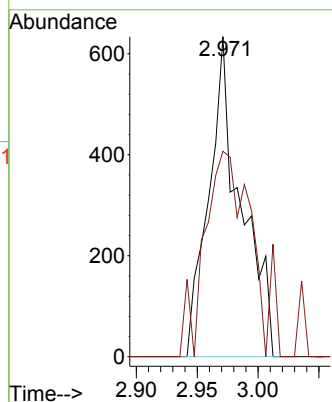
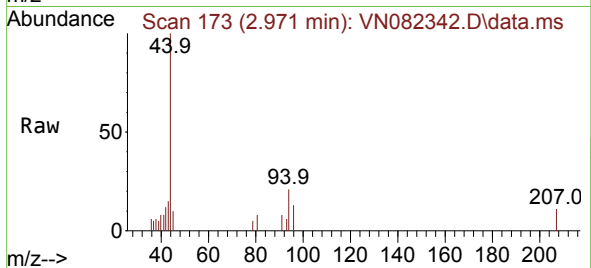




#5
Bromomethane
Concen: 0.617 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

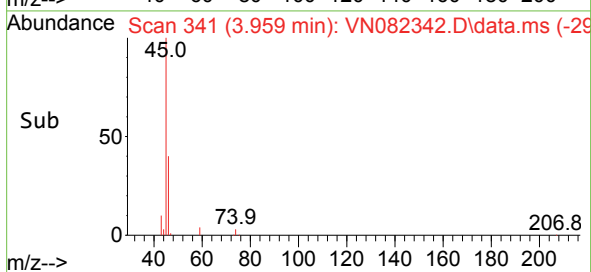
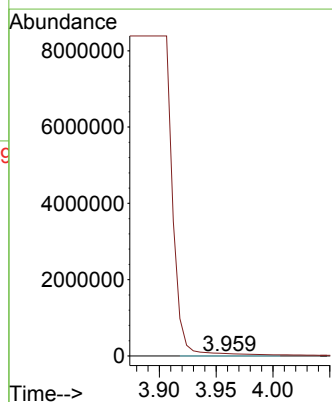
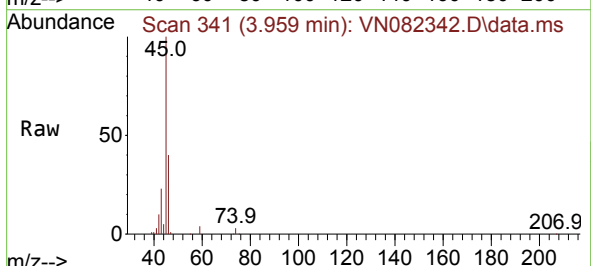
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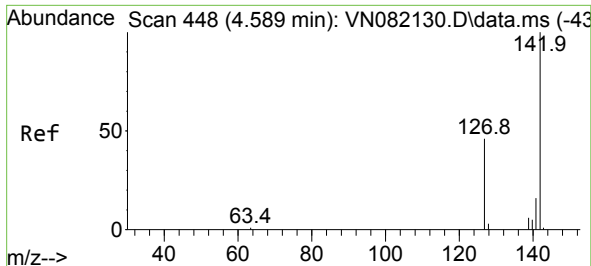
Tgt Ion: 94 Resp: 1165
Ion Ratio Lower Upper
94 100
96 64.2 74.8 112.2#



#8
Diethyl Ether
Concen: 2.413 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 74 Resp: 3696
Ion Ratio Lower Upper
74 100
45 0.0 42.4 127.3#

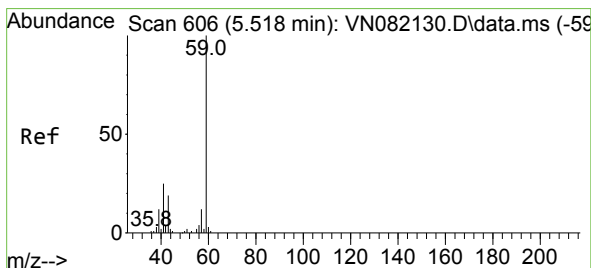
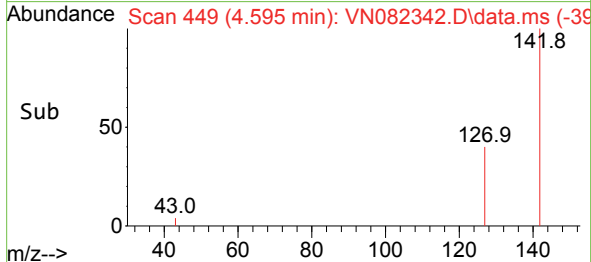
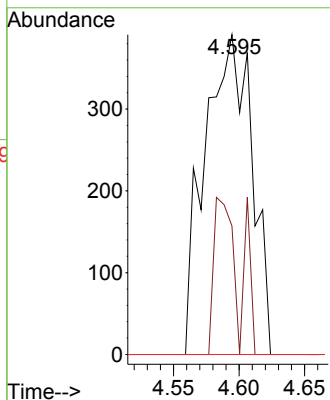
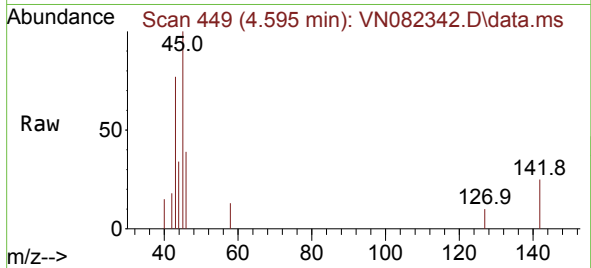




#10
Methyl Iodide
Concen: 0.386 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

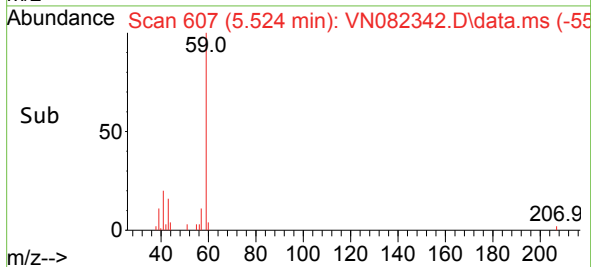
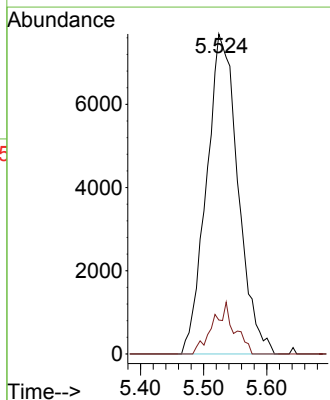
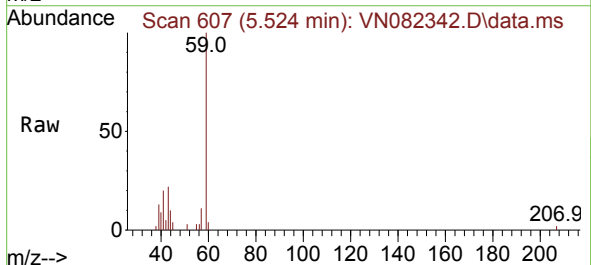
Instrument :
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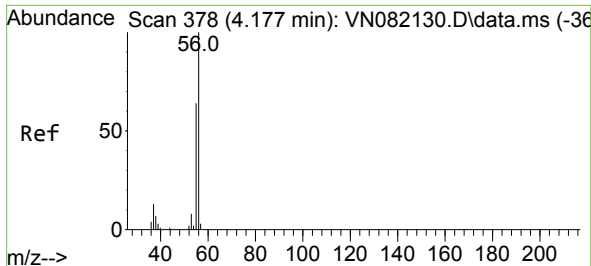
Tgt Ion:142 Resp: 975
Ion Ratio Lower Upper
142 100
127 40.2 35.8 53.6
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 49.248 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

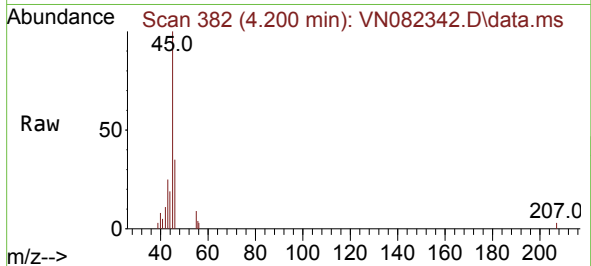
Tgt Ion: 59 Resp: 26679
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



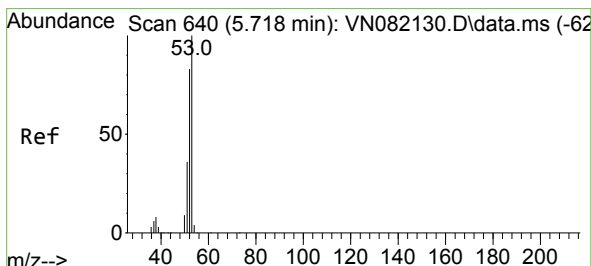
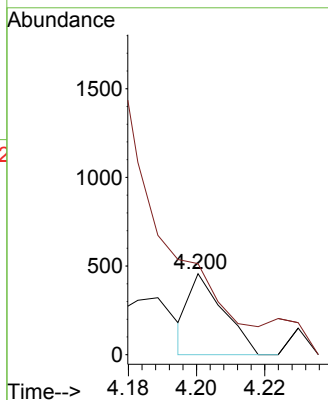
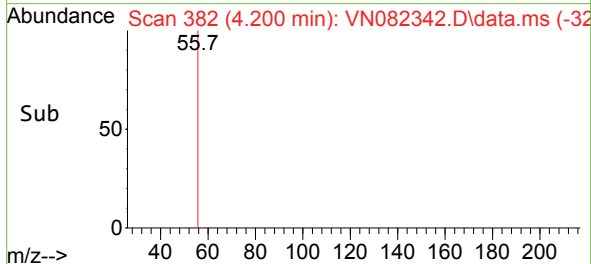


#13
Acrolein
Concen: 0.792 ug/l
RT: 4.200 min Scan# 318
Delta R.T. 0.023 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

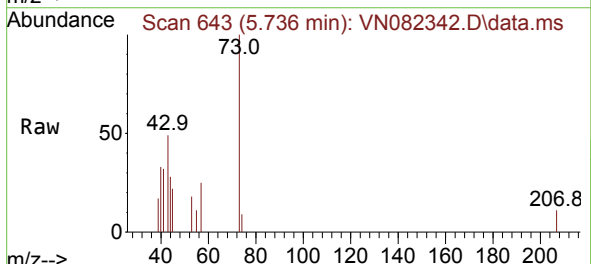
Instrument :
MSVOA_N
ClientSampleId :
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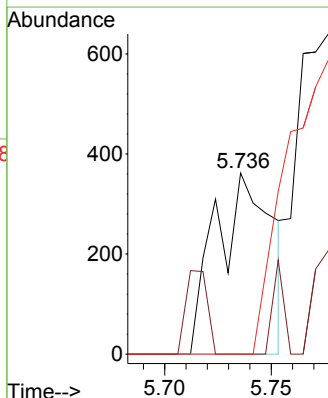
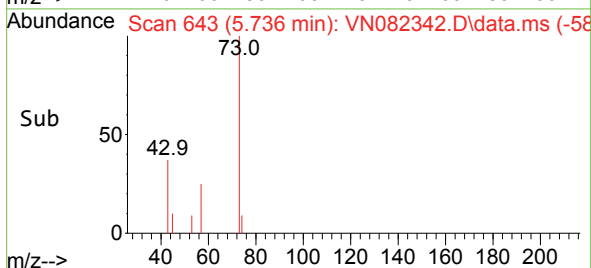
Tgt Ion: 56 Resp: 318
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

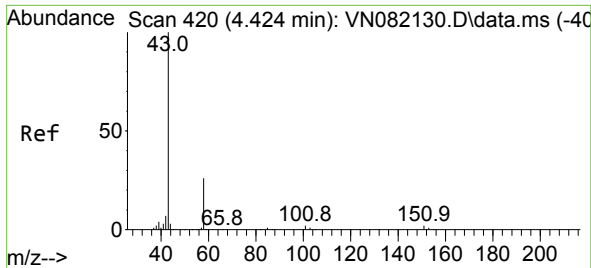


#15
Acrylonitrile
Concen: 0.473 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.018 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16



Tgt Ion: 53 Resp: 663
Ion Ratio Lower Upper
53 100
52 10.0 66.1 99.1#
51 0.0 29.4 44.2#

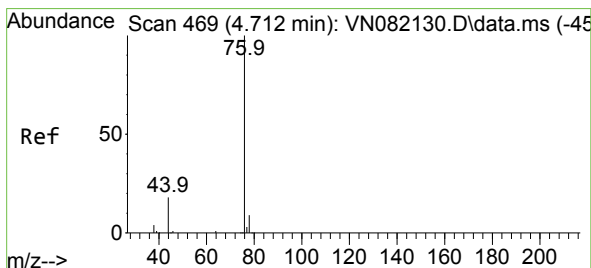
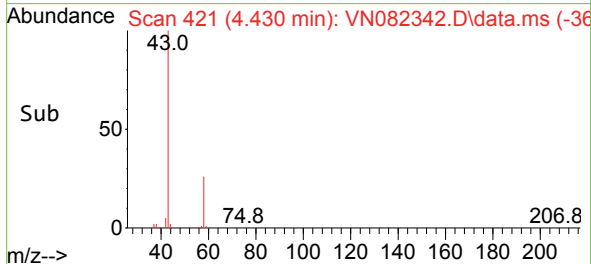
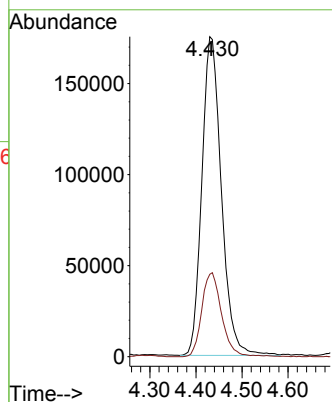
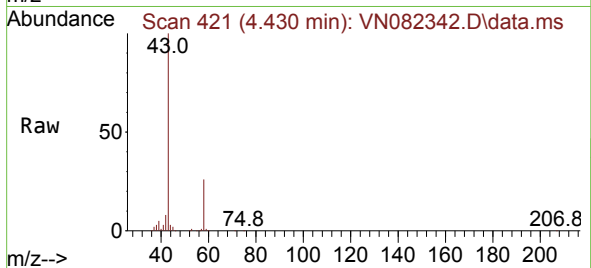




#16
Acetone
Concen: 372.726 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

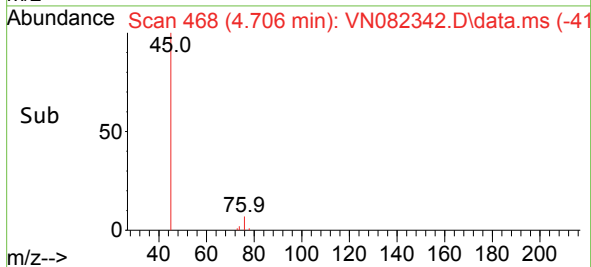
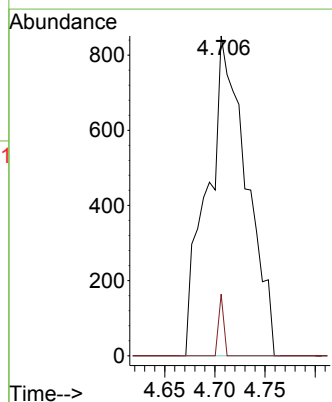
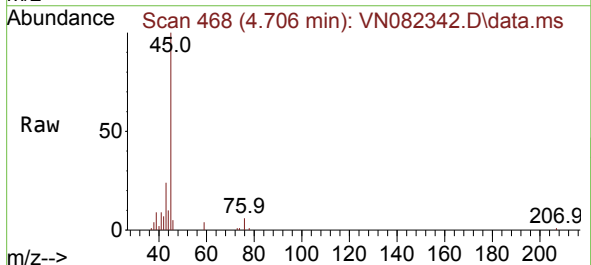
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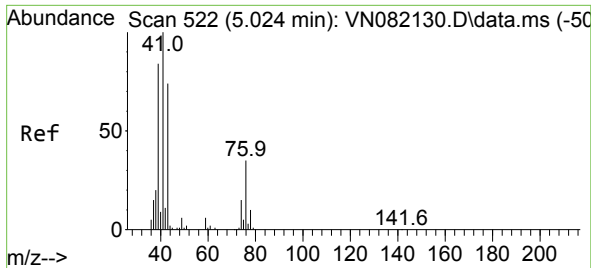
Tgt Ion: 43 Resp: 516001
Ion Ratio Lower Upper
43 100
58 25.9 25.2 37.8



#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 76 Resp: 2310
Ion Ratio Lower Upper
76 100
78 19.3 7.5 11.3#

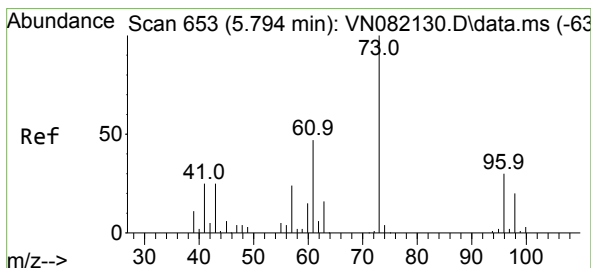
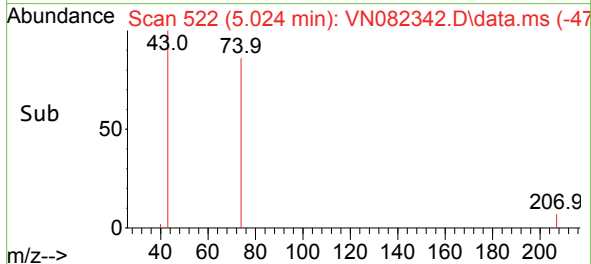
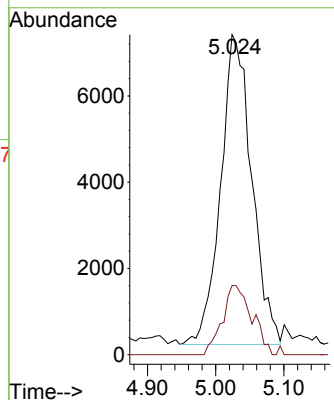
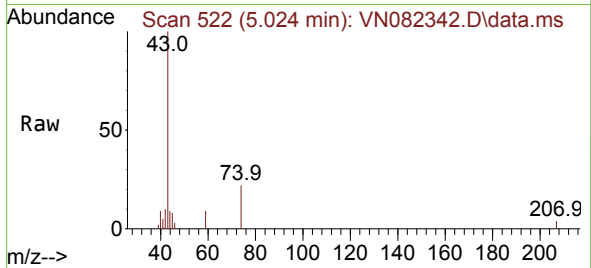




#18
Methyl Acetate
Concen: 6.602 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

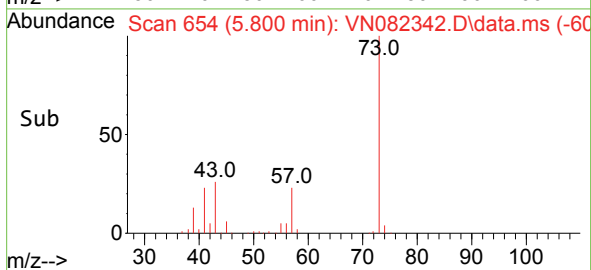
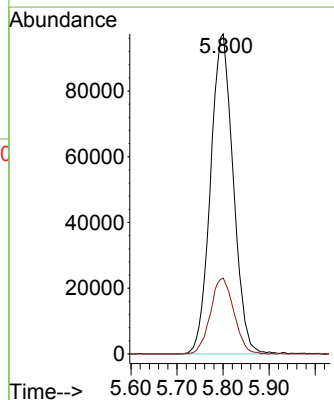
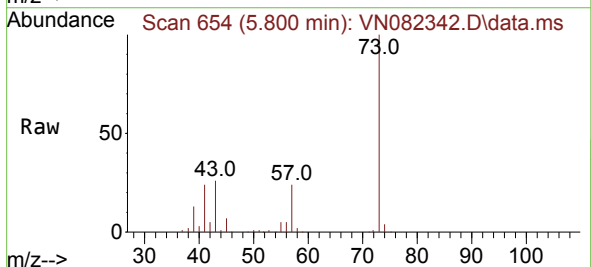
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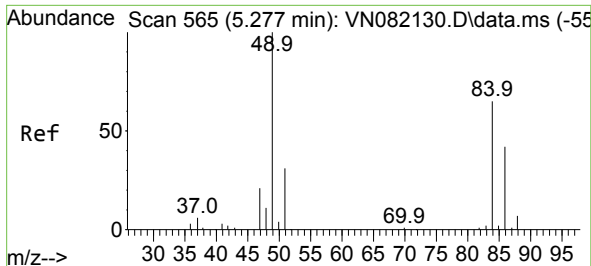
Tgt Ion: 43 Resp: 22760
Ion Ratio Lower Upper
43 100
74 21.2 22.2 33.2#



#19
Methyl tert-butyl Ether
Concen: 39.104 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

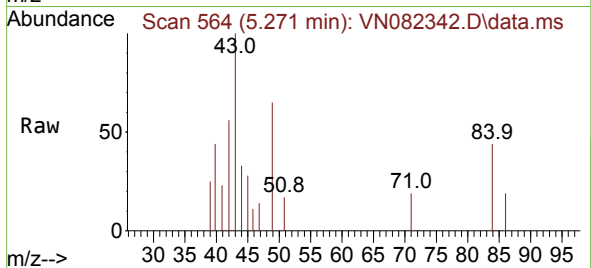
Tgt Ion: 73 Resp: 333628
Ion Ratio Lower Upper
73 100
57 23.7 16.5 24.7



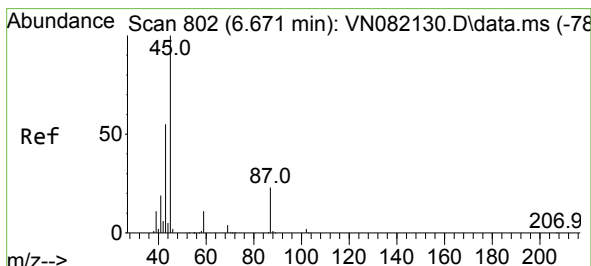
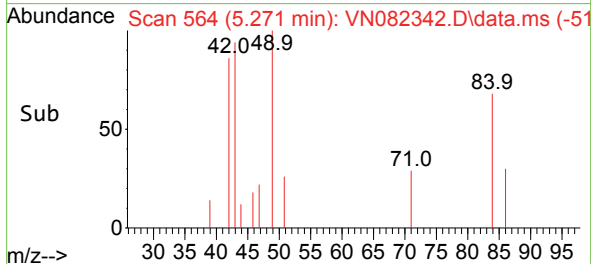
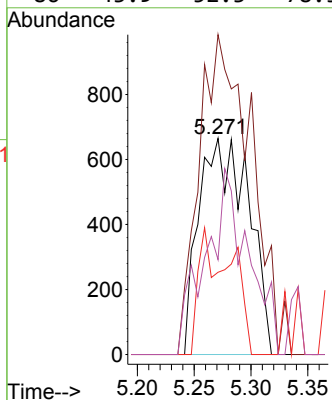


#20
Methylene Chloride
Concen: 0.724 ug/l
RT: 5.271 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Instrument :
MSVOA_N
ClientSampleId :
50360

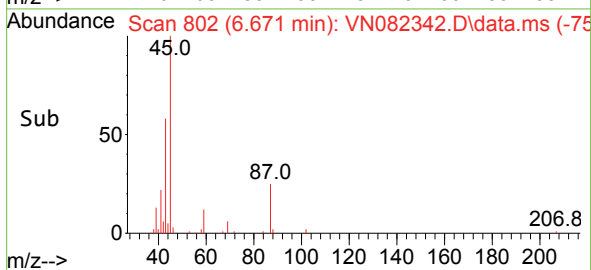
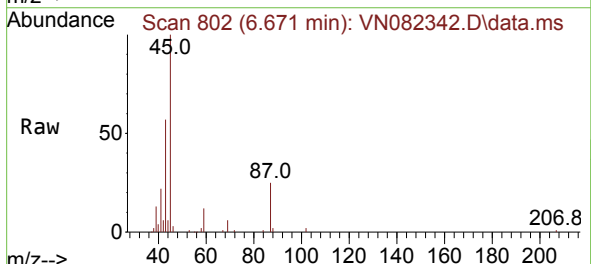
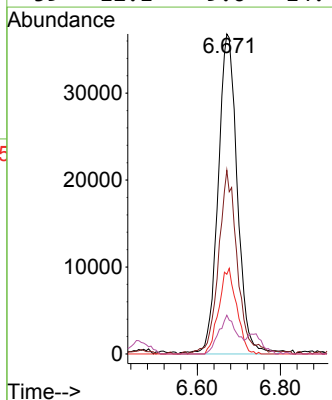


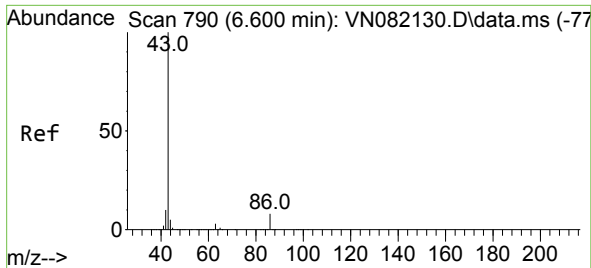
Tgt Ion:	84	Resp:	2023
Ion	Ratio	Lower	Upper
84	100		
49	148.0	84.9	127.3#
51	38.0	27.0	40.6
86	43.9	52.3	78.5#



#22
Diisopropyl ether
Concen: 11.272 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion:	45	Resp:	117627
Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.1	66.1
87	24.9	27.0	40.6#
59	12.1	9.6	14.4

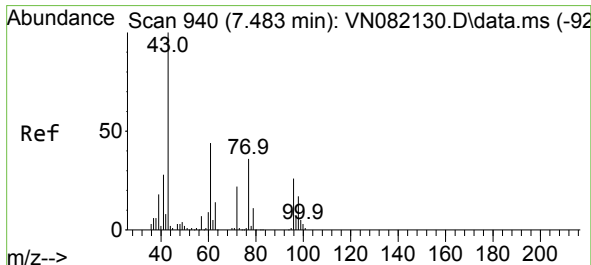
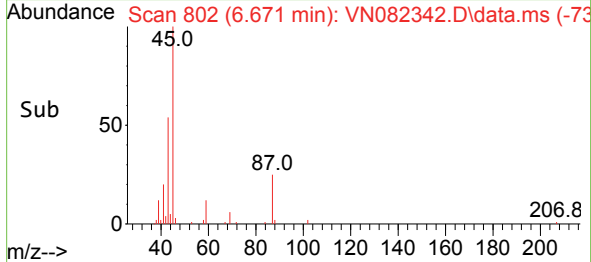
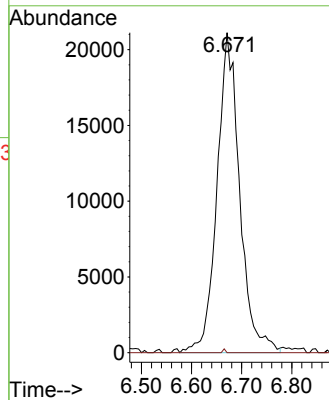
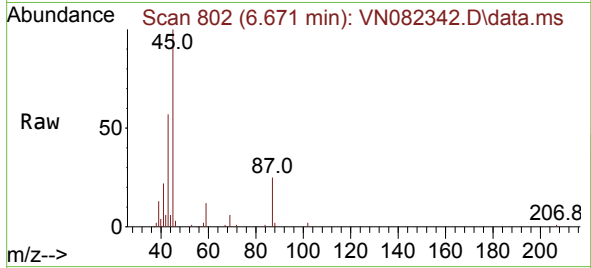




#23
 Vinyl Acetate
 Concen: 8.045 ug/l
 RT: 6.671 min Scan# 802
 Delta R.T. 0.071 min
 Lab File: VN082342.D
 Acq: 28 May 2024 13:16

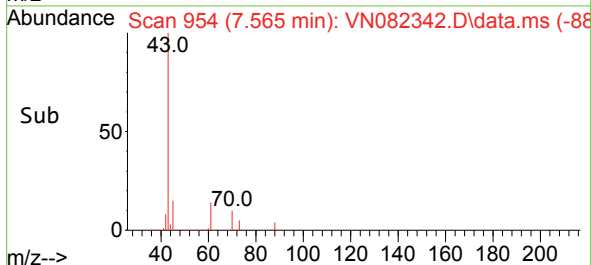
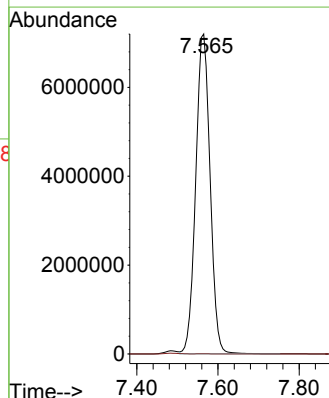
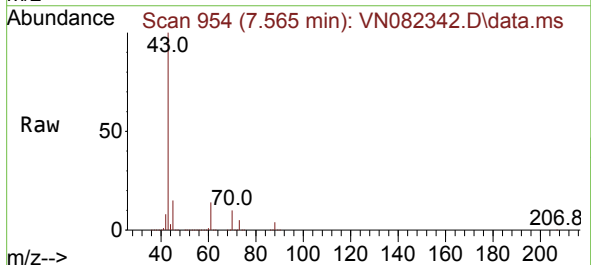
Instrument :
 MSVOA_N
 ClientSampleId :
 50360

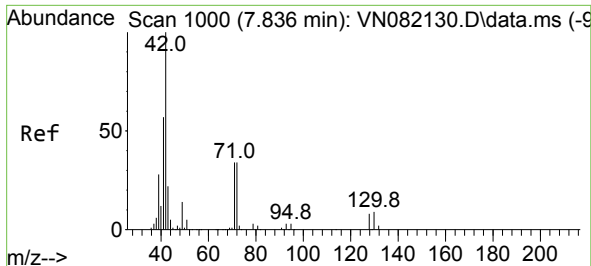
Tgt Ion: 43 Resp: 66192
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.2 15.4#



#25
 2-Butanone
 Concen: 8458.105 ug/l
 RT: 7.565 min Scan# 954
 Delta R.T. 0.082 min
 Lab File: VN082342.D
 Acq: 28 May 2024 13:16

Tgt Ion: 43 Resp:17753283
 Ion Ratio Lower Upper
 43 100
 72 0.0 25.3 37.9#





#29

Tetrahydrofuran

Concen: 823.232 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.271 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

50360

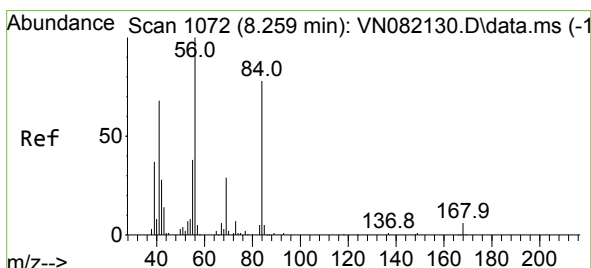
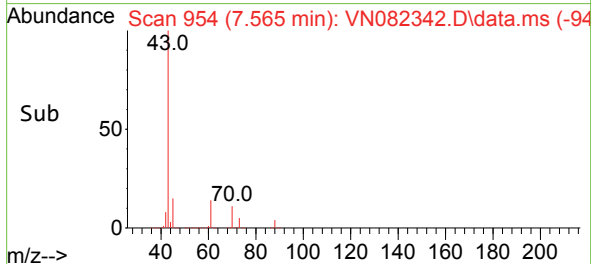
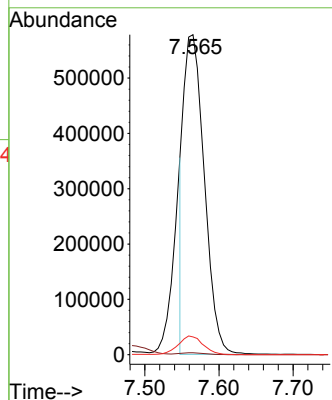
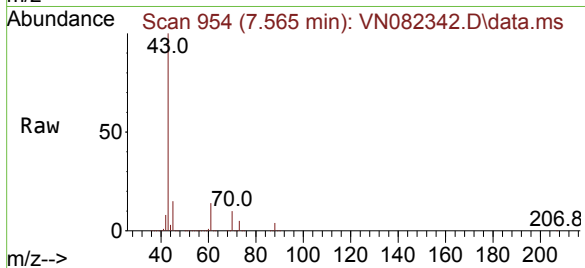
Tgt Ion: 42 Resp: 1109431

Ion Ratio Lower Upper

42 100

72 0.6 39.3 58.9#

71 5.6 37.4 56.0#



#31

Cyclohexane

Concen: 3.059 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

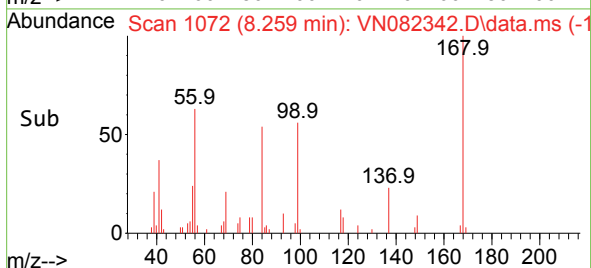
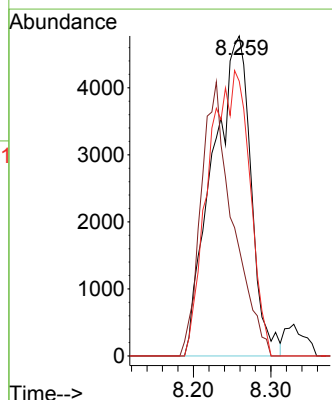
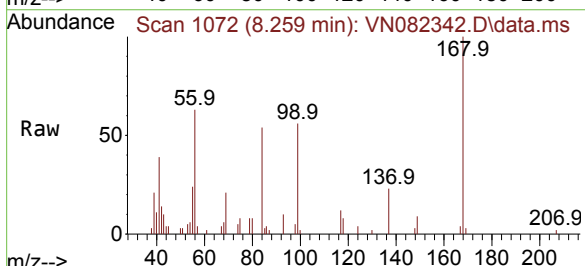
Tgt Ion: 56 Resp: 16489

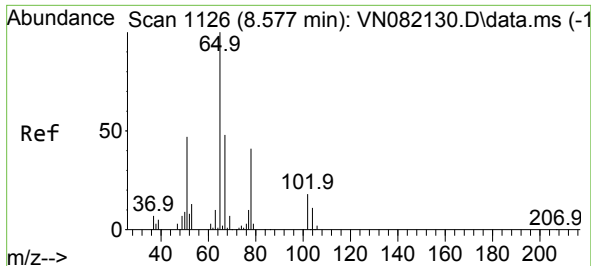
Ion Ratio Lower Upper

56 100

69 33.5 24.4 36.6

84 85.9 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 48.099 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

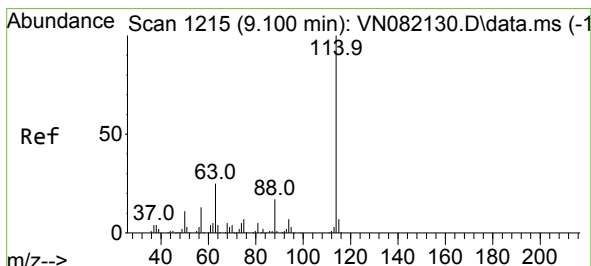
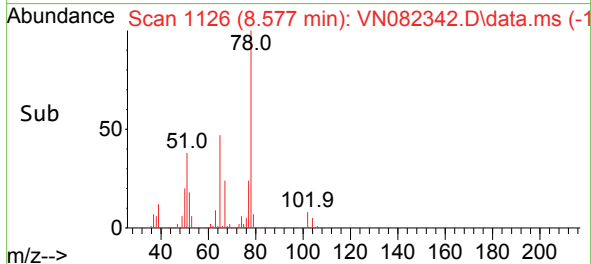
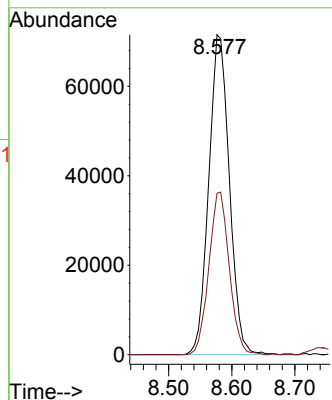
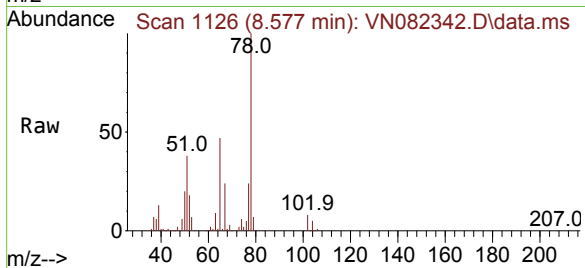
50360

Tgt Ion: 65 Resp: 162325

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

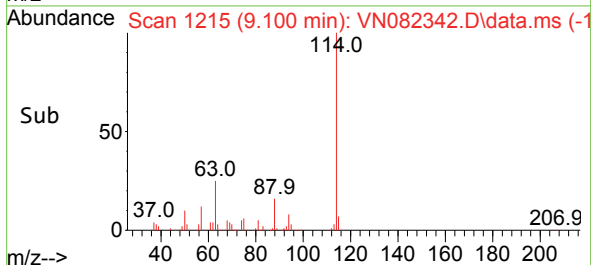
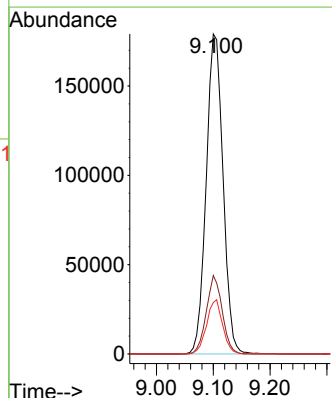
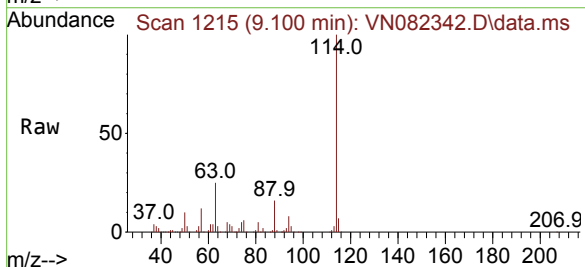
Tgt Ion: 114 Resp: 367835

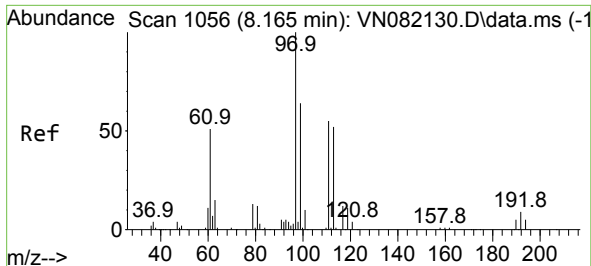
Ion Ratio Lower Upper

114 100

63 24.5 0.0 41.0

88 16.1 0.0 31.4

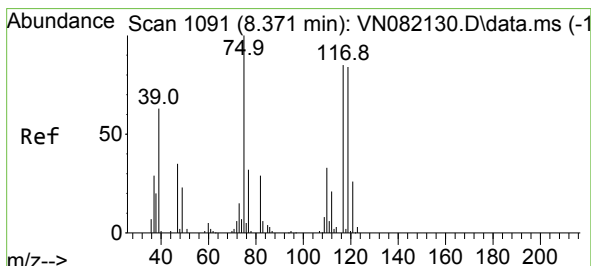
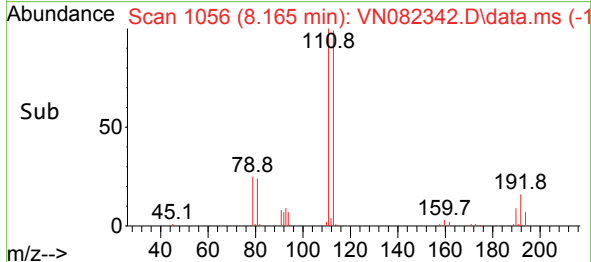
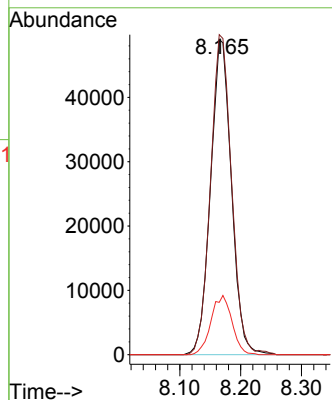
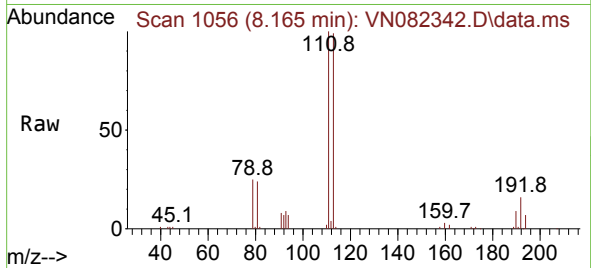




#35
Dibromofluoromethane
Concen: 51.391 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

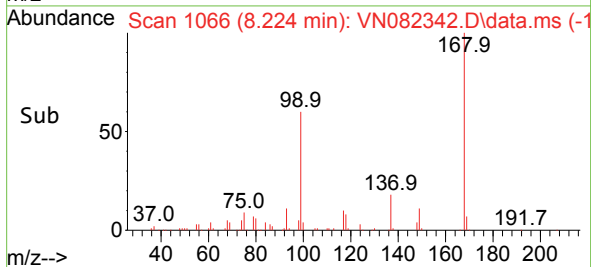
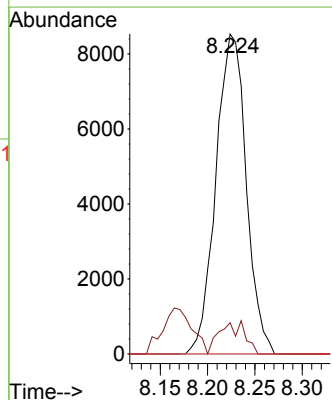
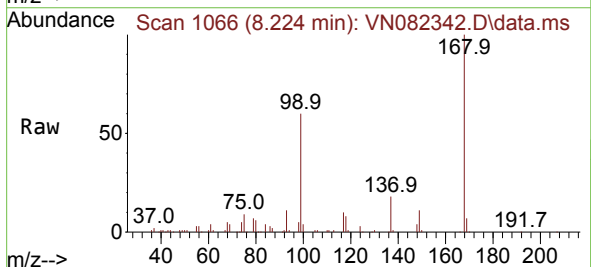
Instrument :
MSVOA_N
ClientSampleId :
50360

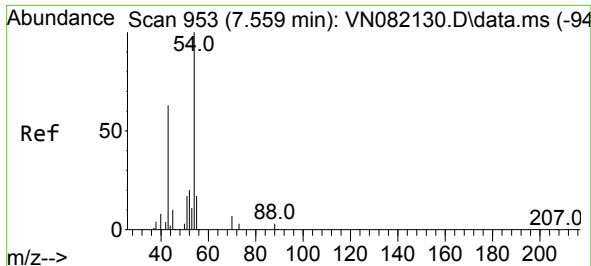
Tgt Ion:113 Resp: 116284
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 19.0 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 75 Resp: 19003
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 25.0 37.4#

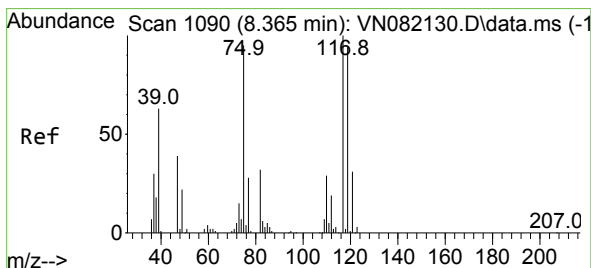
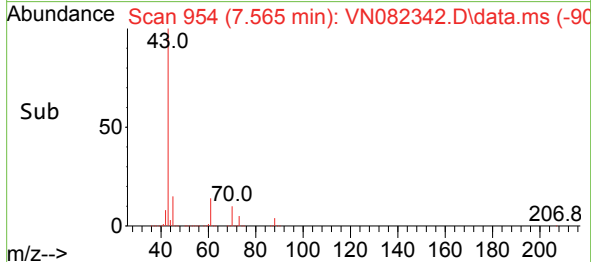
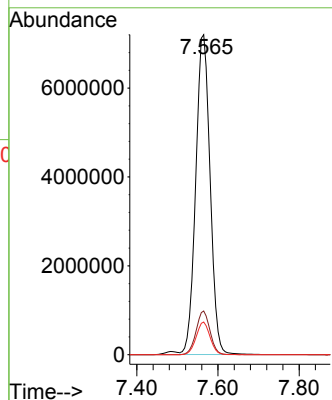
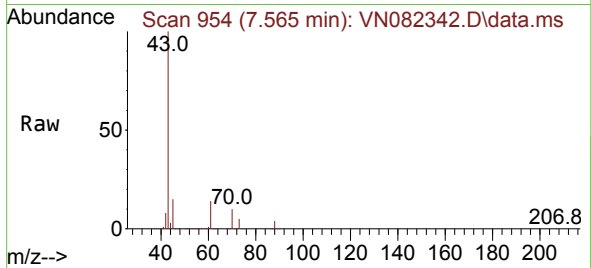




#37
Ethyl Acetate
Concen: 4180.135 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

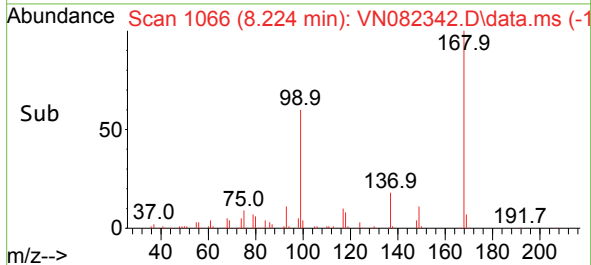
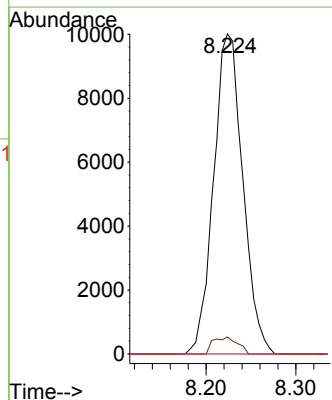
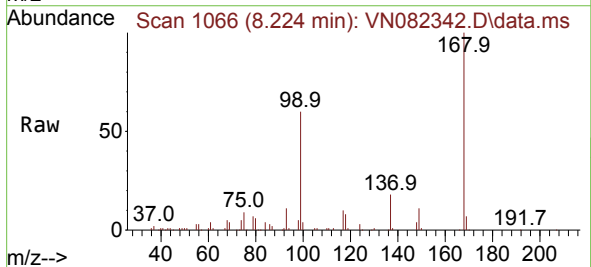
Instrument :
MSVOA_N
ClientSampleId :
50360

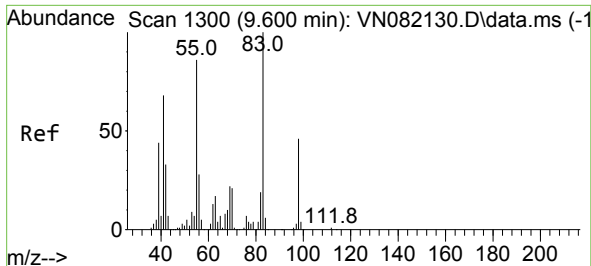
Tgt Ion: 43 Resp:17753283
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 9.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion:117 Resp: 22599
Ion Ratio Lower Upper
117 100
119 5.3 76.5 114.7#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.738 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

50360

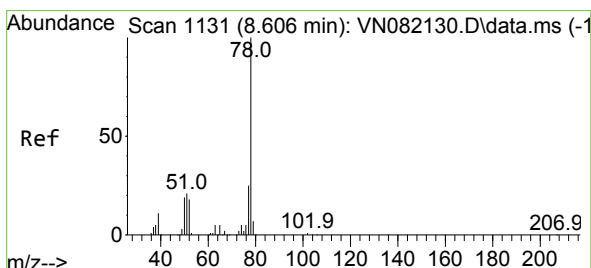
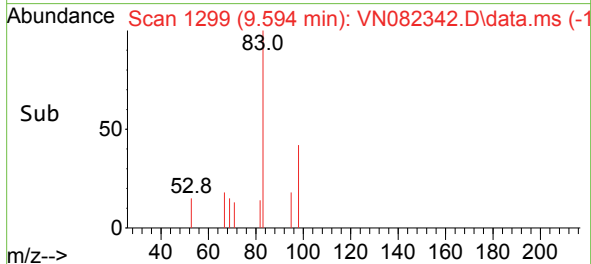
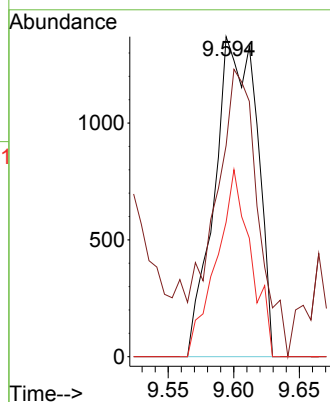
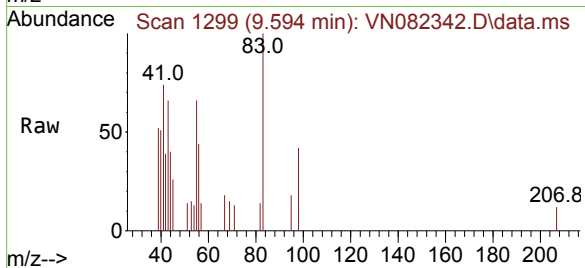
Tgt Ion: 83 Resp: 3069

Ion Ratio Lower Upper

83 100

55 48.3 53.0 79.6#

98 42.0 37.1 55.7



#40

Benzene

Concen: 264.121 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082342.D

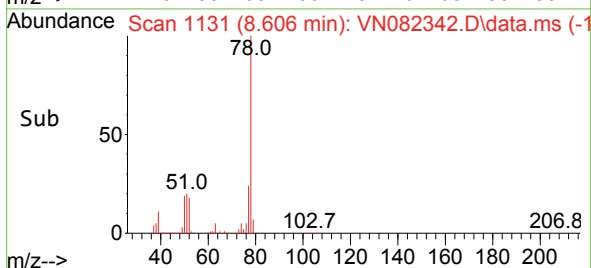
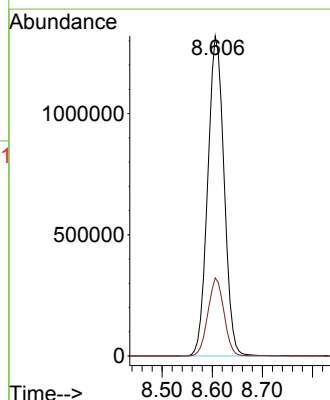
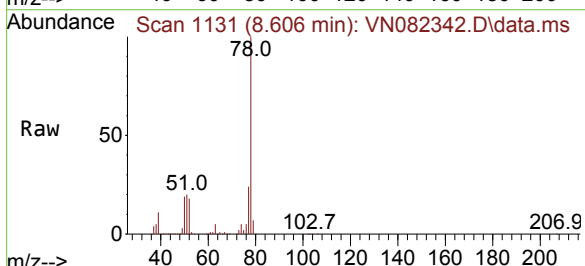
Acq: 28 May 2024 13:16

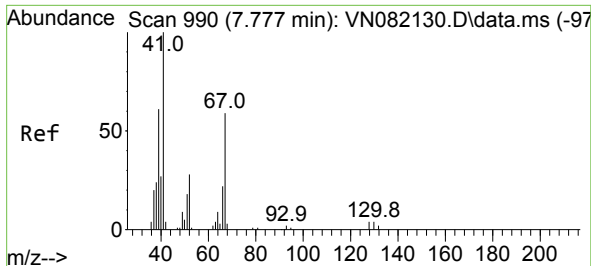
Tgt Ion: 78 Resp: 2988966

Ion Ratio Lower Upper

78 100

77 24.4 20.0 30.0

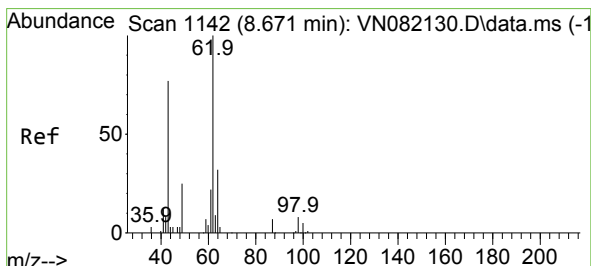
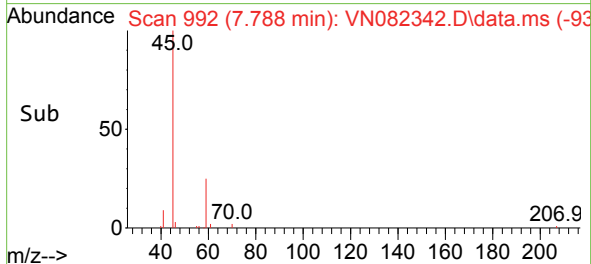
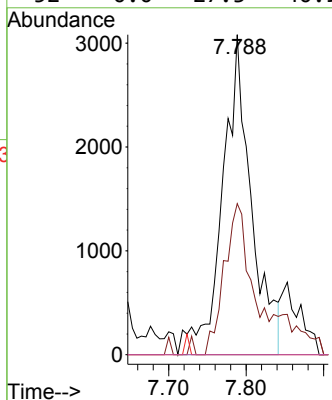
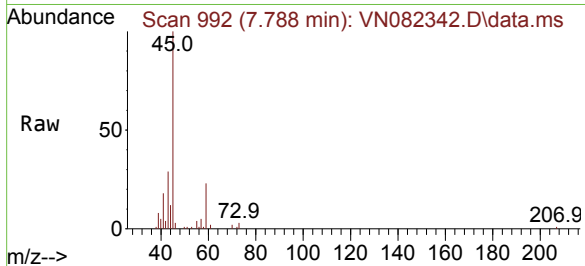




#41
Methacrylonitrile
Concen: 3.190 ug/l
RT: 7.788 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

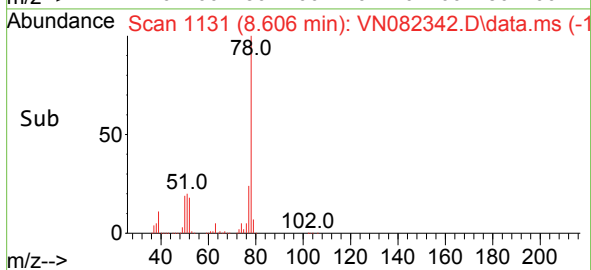
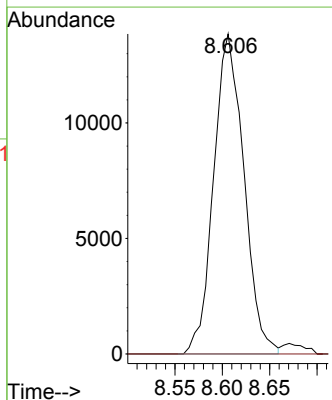
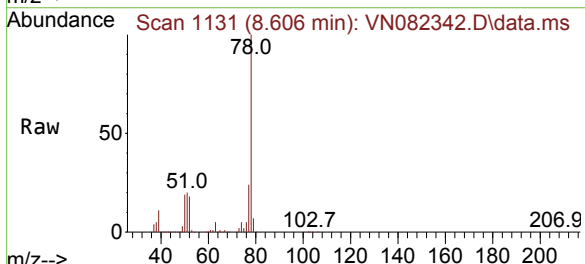
Instrument :
MSVOA_N
ClientSampleId :
50360

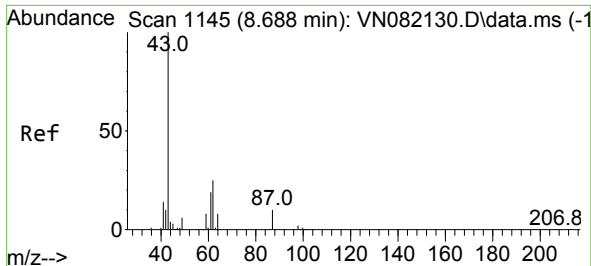
Tgt Ion: 41	Resp: 7969
Ion Ratio	Lower Upper
41 100	
39 44.1	46.6 69.8#
67 0.0	67.3 100.9#
52 0.0	27.3 40.9#



#42
1,2-Dichloroethane
Concen: 7.062 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.065 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 62	Resp: 30738
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 19.6

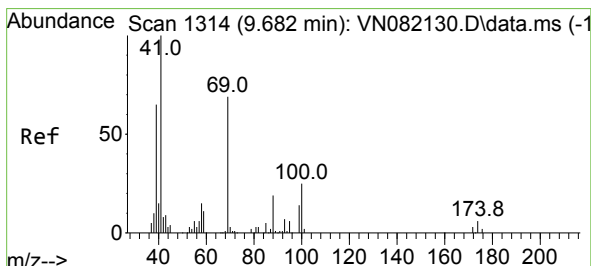
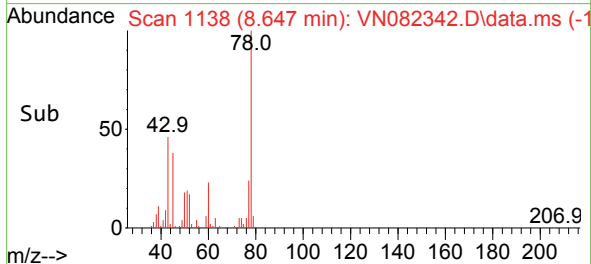
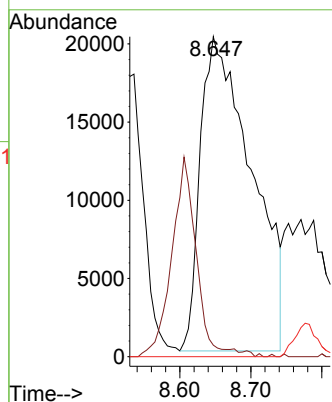
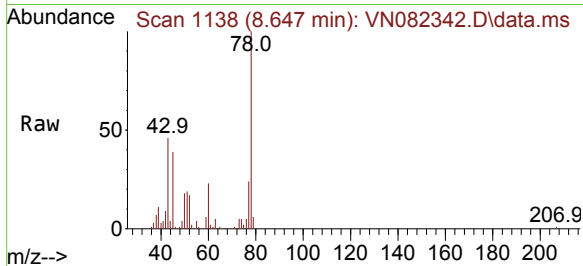




#43
Isopropyl Acetate
Concen: 13.438 ug/l
RT: 8.647 min Scan# 11129
Delta R.T. -0.041 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

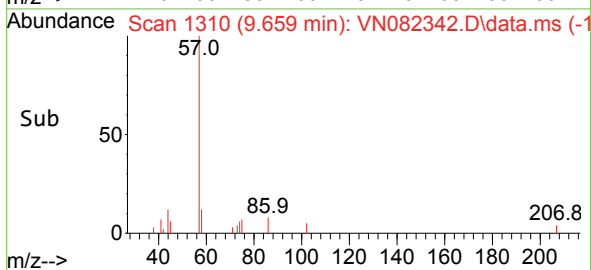
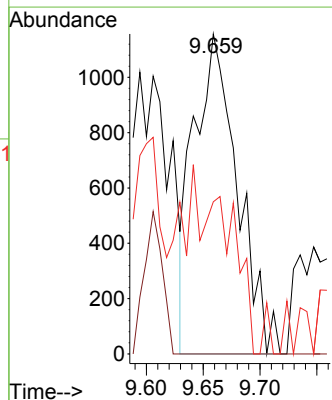
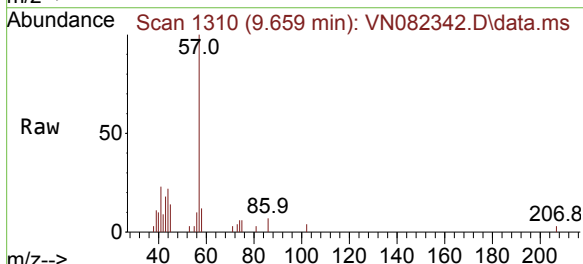
Instrument : MSVOA_N
ClientSampleId : 50360

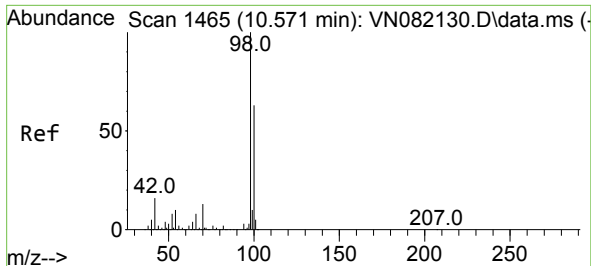
Tgt Ion: 43 Resp: 101129
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#48
Methyl methacrylate
Concen: 0.863 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.024 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 41 Resp: 3096
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 0.0 50.9 76.3#

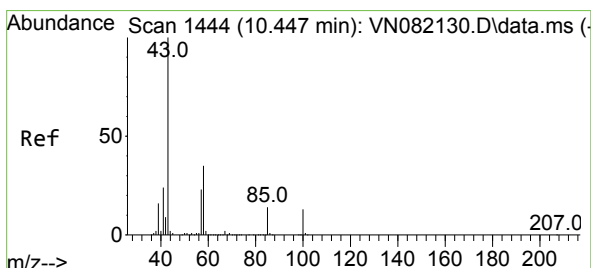
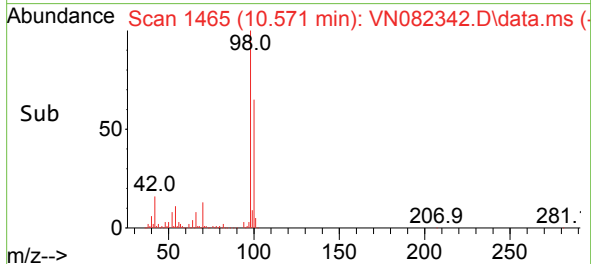
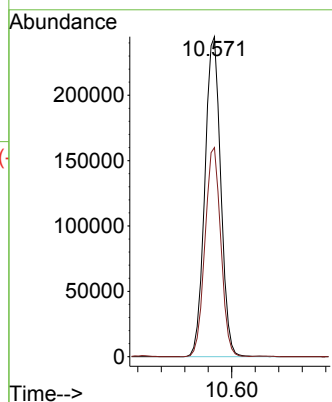
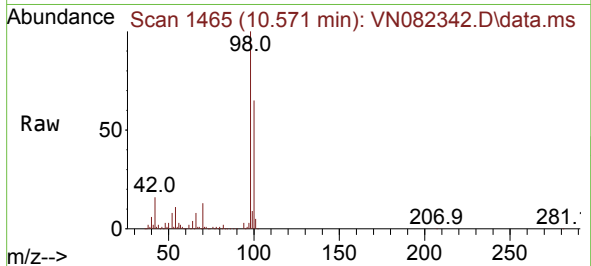




#50
Toluene-d8
Concen: 52.845 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

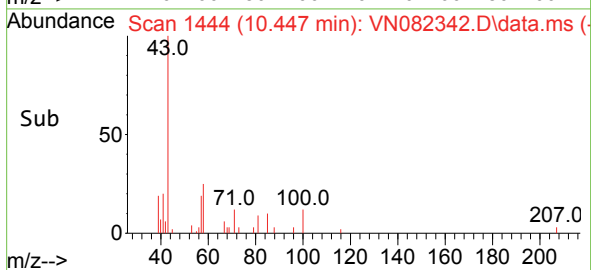
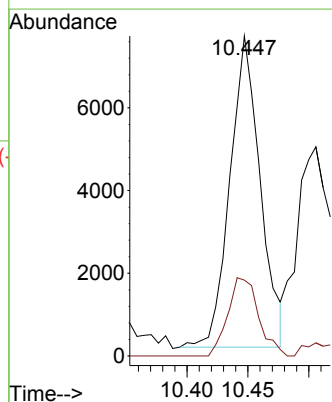
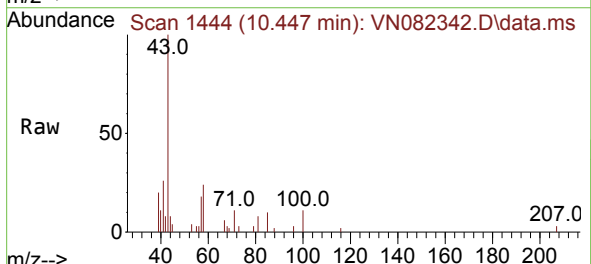
Instrument :
MSVOA_N
ClientSampleId :
50360

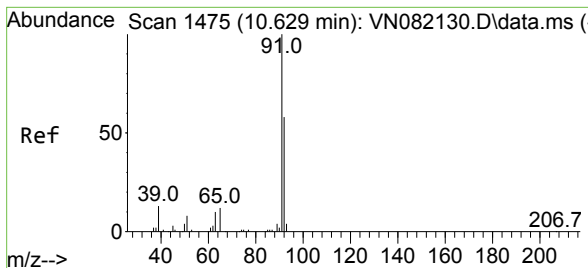
Tgt Ion: 98 Resp: 458442
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 3.043 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 43 Resp: 13013
Ion Ratio Lower Upper
43 100
58 25.5 33.2 49.8#





#52

Toluene

Concen: 436.768 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

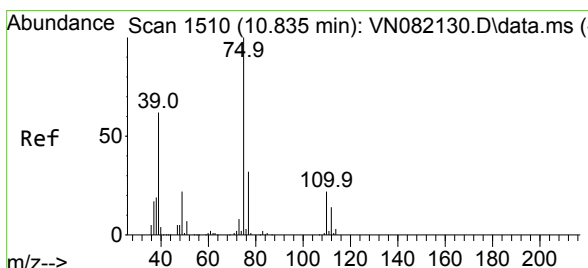
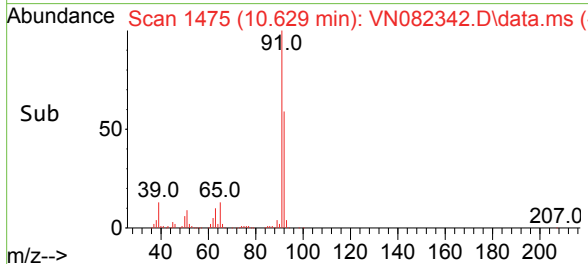
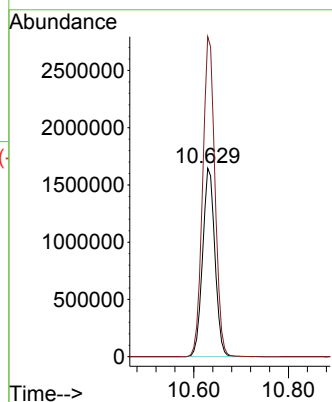
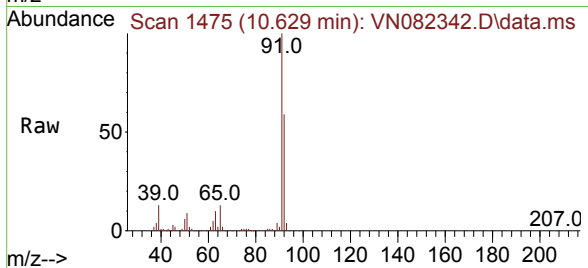
50360

Tgt Ion: 92 Resp: 2966193

Ion Ratio Lower Upper

92 100

91 170.1 136.7 205.1



#53

t-1,3-Dichloropropene

Concen: 9.397 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.206 min

Lab File: VN082342.D

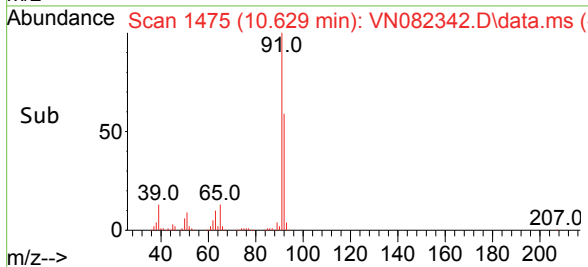
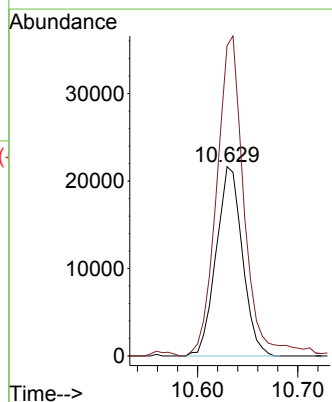
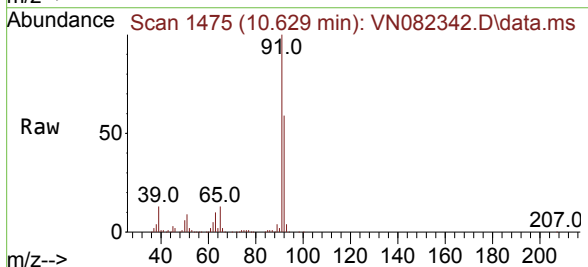
Acq: 28 May 2024 13:16

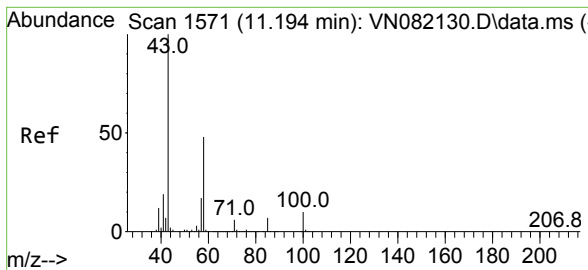
Tgt Ion: 75 Resp: 39332

Ion Ratio Lower Upper

75 100

77 164.0 25.4 38.0#

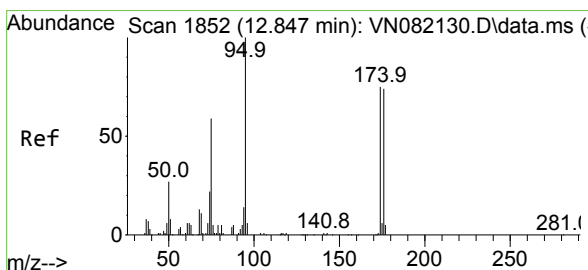
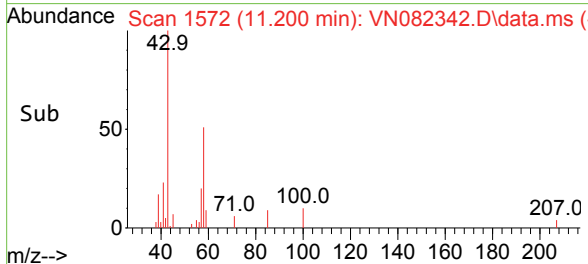
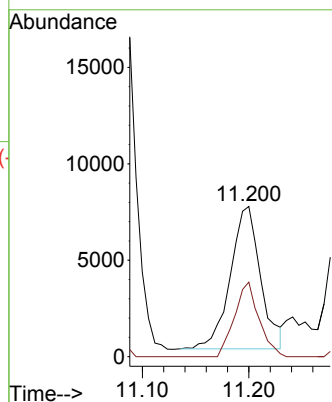
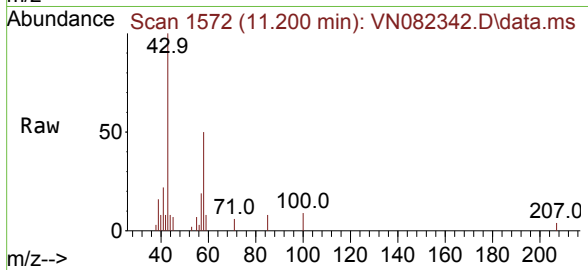




#59
2-Hexanone
Concen: 4.652 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

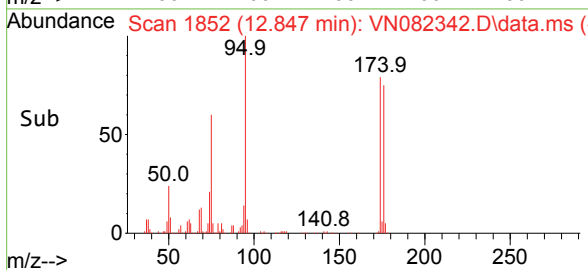
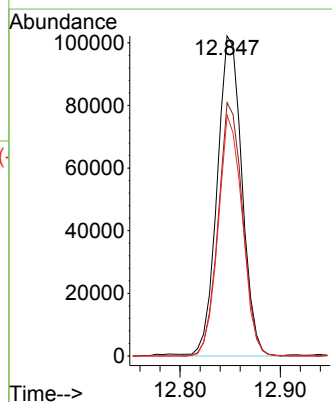
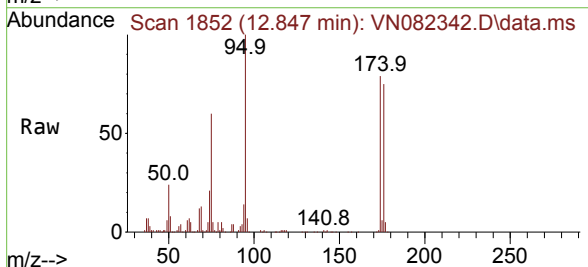
Instrument :
MSVOA_N
ClientSampleId :
50360

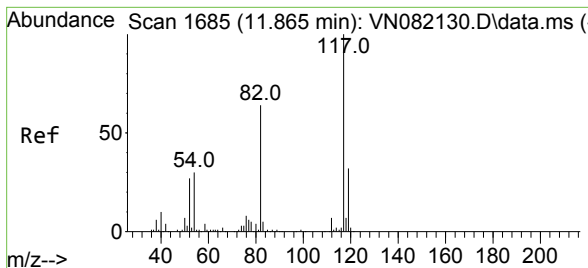
Tgt Ion: 43 Resp: 14565
Ion Ratio Lower Upper
43 100
58 42.3 28.3 84.9



#62
4-Bromofluorobenzene
Concen: 56.500 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 95 Resp: 174945
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.6
176 73.6 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

50360

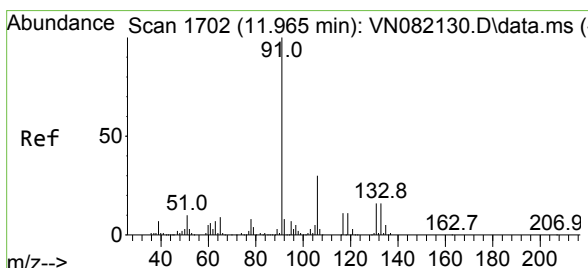
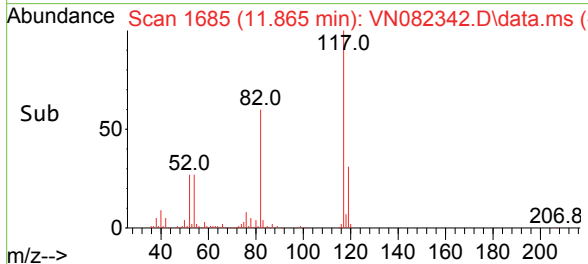
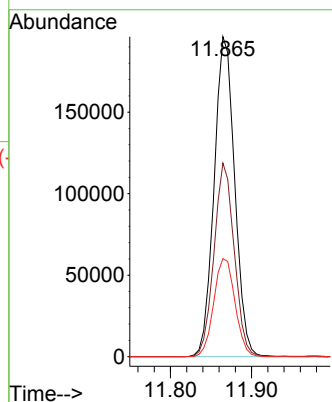
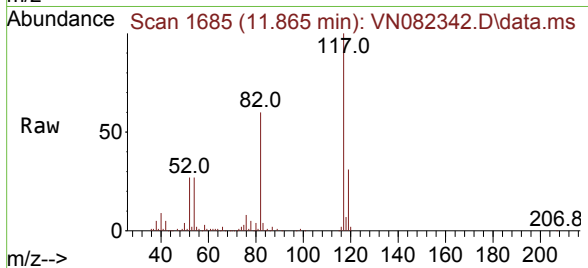
Tgt Ion:117 Resp: 346191

Ion Ratio Lower Upper

117 100

82 60.5 44.6 66.8

119 30.7 25.9 38.9



#67

Ethyl Benzene

Concen: 24.222 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082342.D

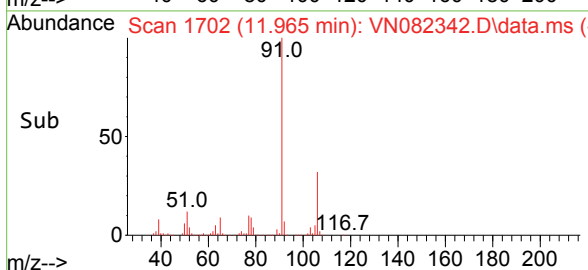
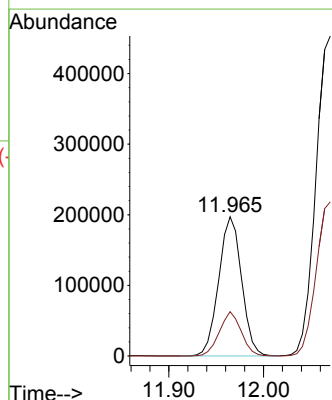
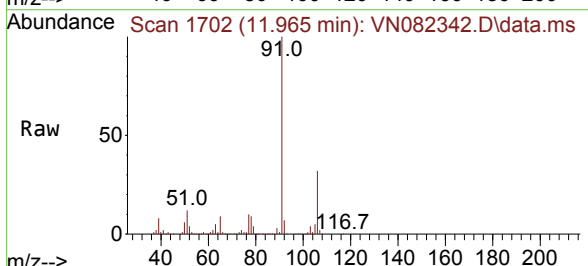
Acq: 28 May 2024 13:16

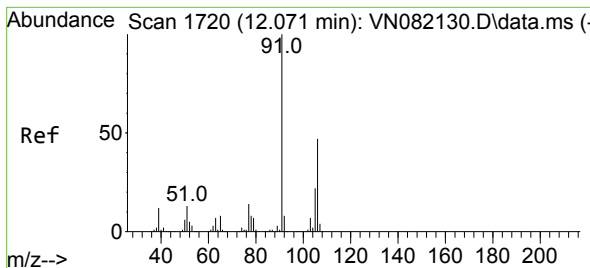
Tgt Ion: 91 Resp: 331375

Ion Ratio Lower Upper

91 100

106 31.9 25.3 37.9

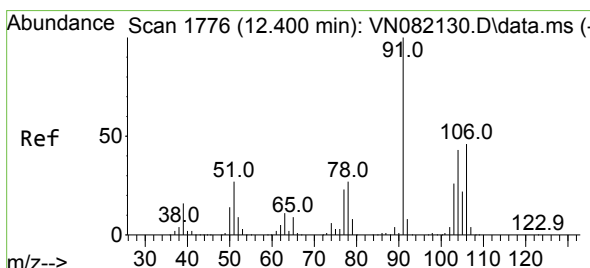
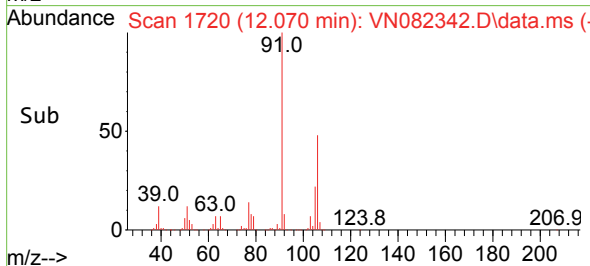
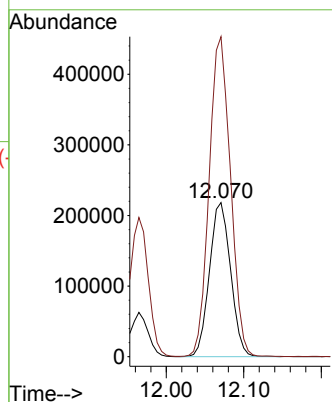
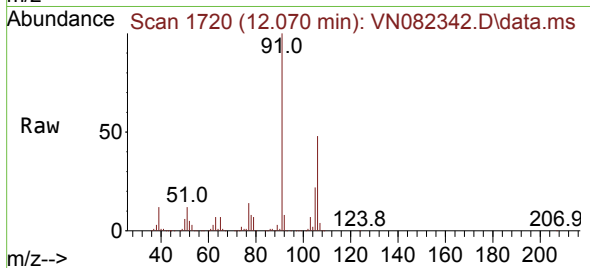




#68
m/p-Xylenes
Concen: 82.552 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

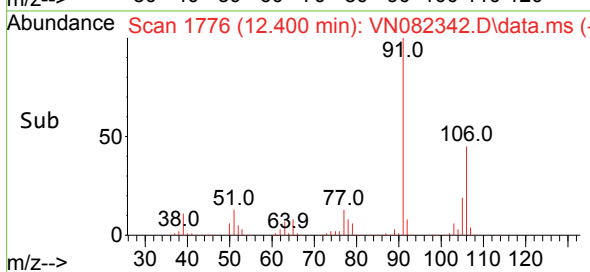
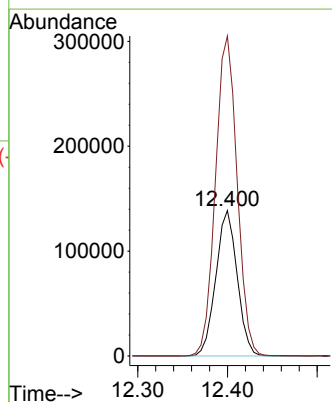
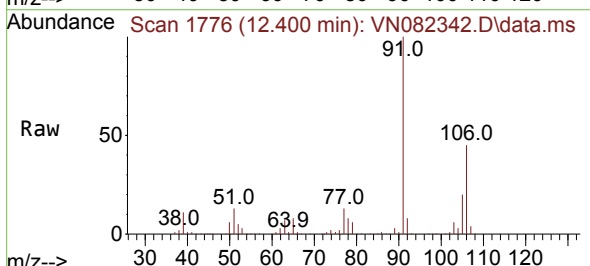
Instrument :
MSVOA_N
ClientSampleId :
50360

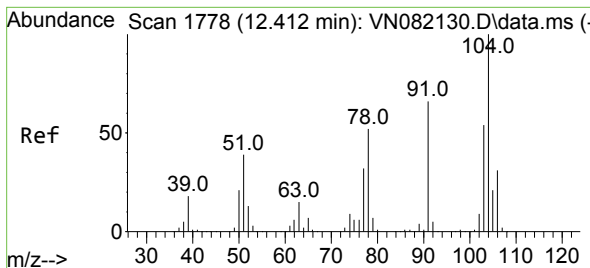
Tgt Ion:106 Resp: 413927
Ion Ratio Lower Upper
106 100
91 209.3 159.4 239.0



#69
o-Xylene
Concen: 47.131 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion:106 Resp: 228918
Ion Ratio Lower Upper
106 100
91 223.3 104.7 314.1





#70

Styrene

Concen: 1.719 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

50360

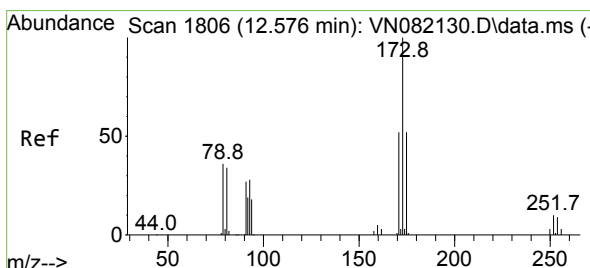
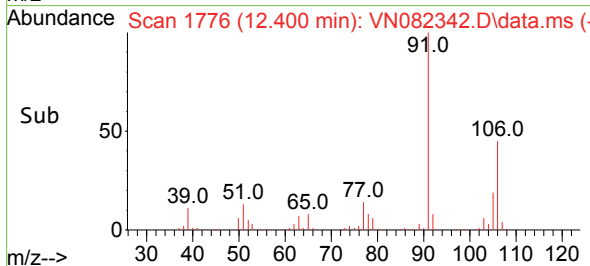
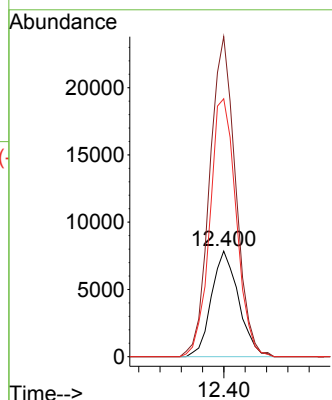
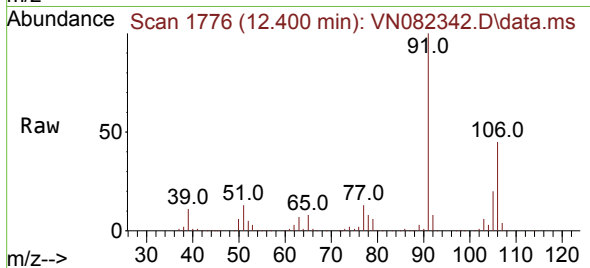
Tgt Ion:104 Resp: 13870

Ion Ratio Lower Upper

104 100

78 289.3 38.6 58.0#

103 237.7 43.8 65.6#



#71

Bromoform

Concen: 0.767 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

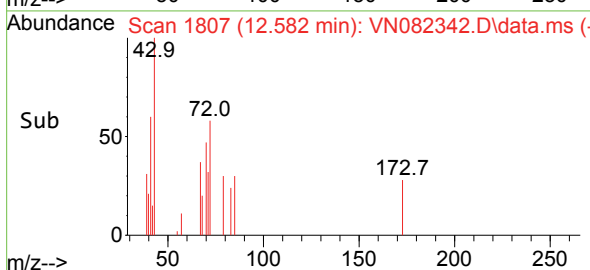
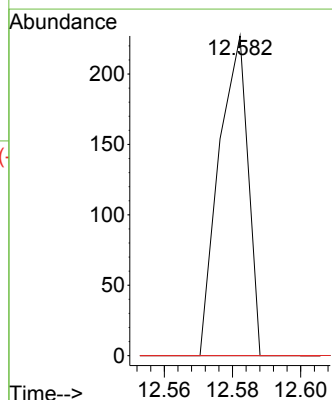
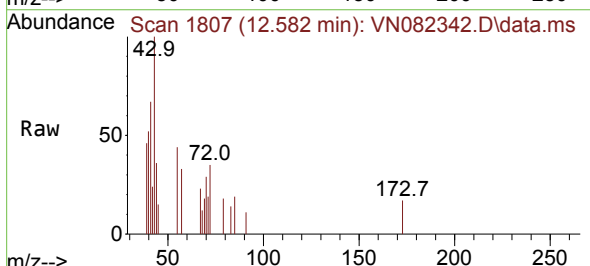
Tgt Ion:173 Resp: 134

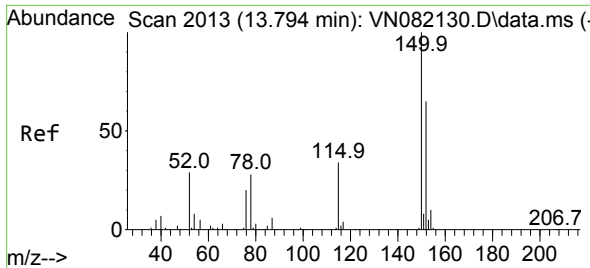
Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0

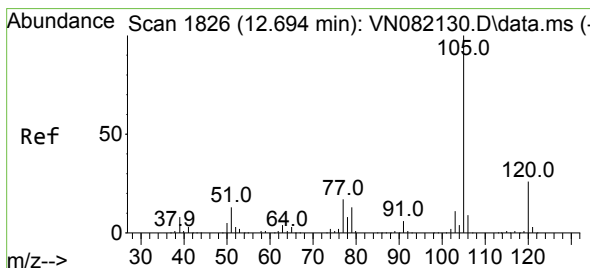
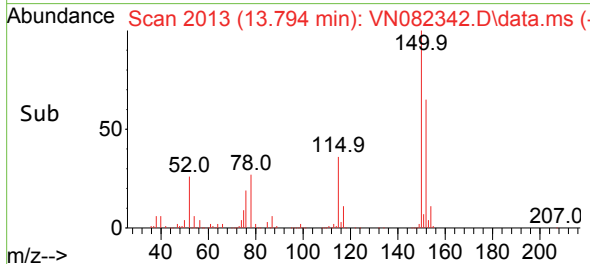
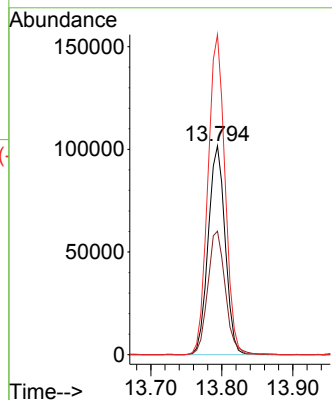
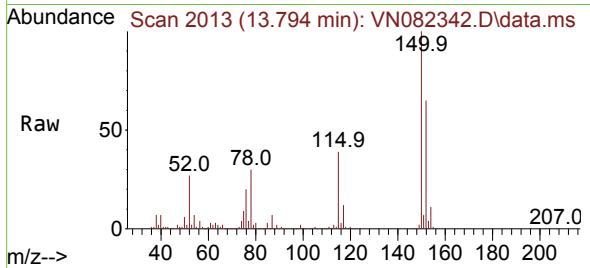




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

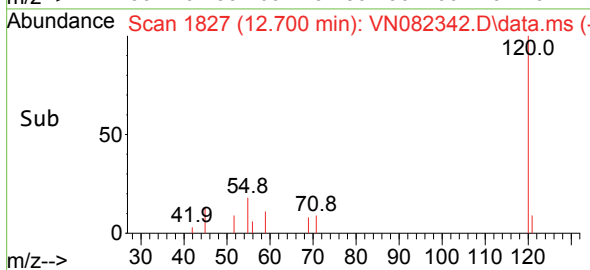
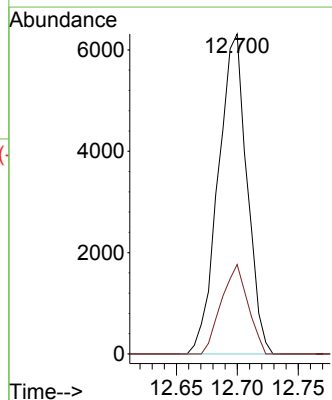
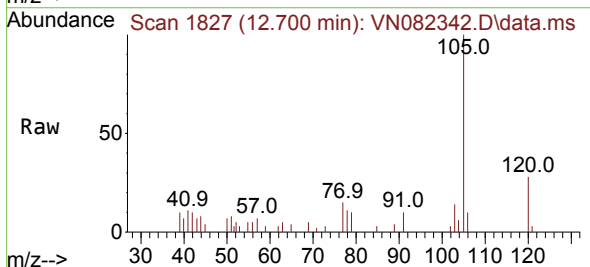
Instrument :
MSVOA_N
ClientSampleId :
50360

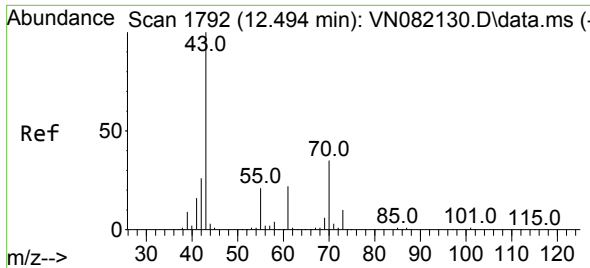
Tgt Ion:152 Resp: 168871
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.3
150 154.4 0.0 353.2



#73
Isopropylbenzene
Concen: 0.773 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion:105 Resp: 10368
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

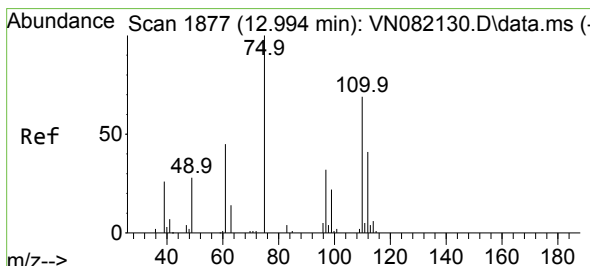
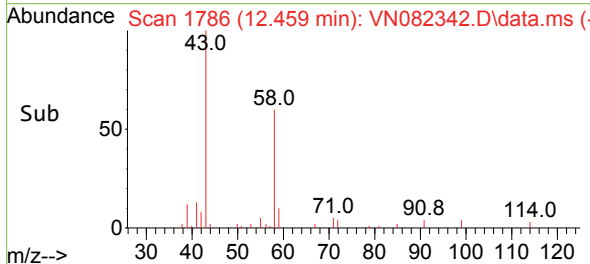
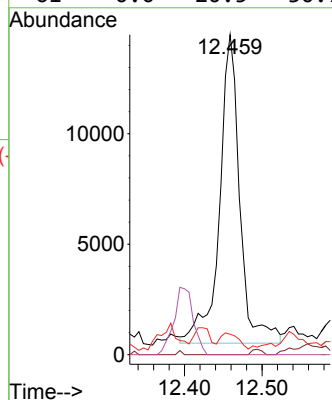
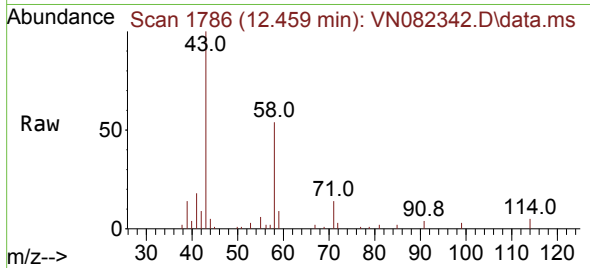




#74
N-amy1 acetate
Concen: 3.452 ug/l
RT: 12.459 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

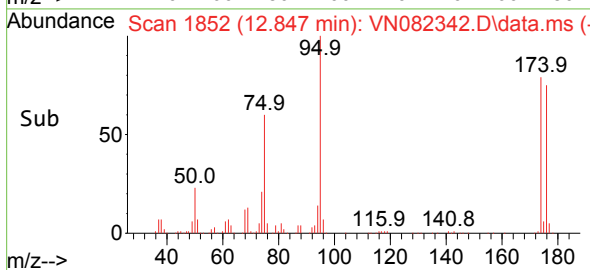
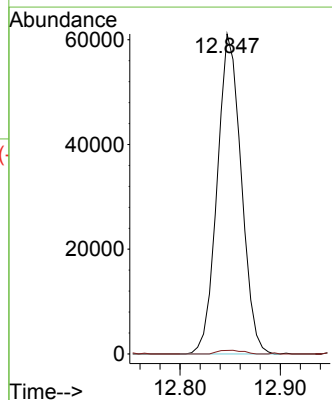
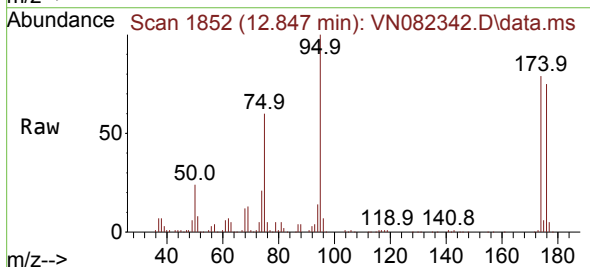
Instrument :
MSVOA_N
ClientSampleId :
50360

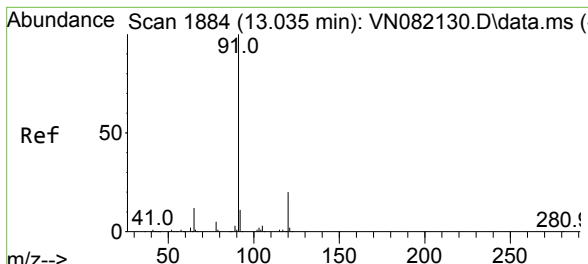
Tgt Ion: 43	Resp: 25473
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.4#
55	4.7 21.3 31.9#
61	0.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 28.557 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 75	Resp: 101501
Ion Ratio	Lower Upper
75	100
77	1.2 90.5 271.3#

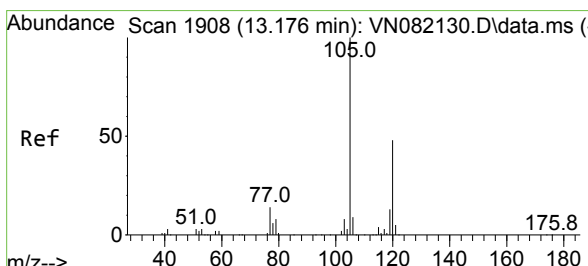
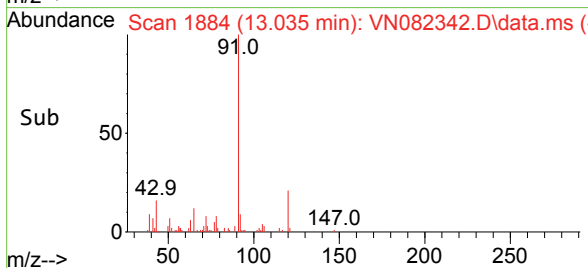
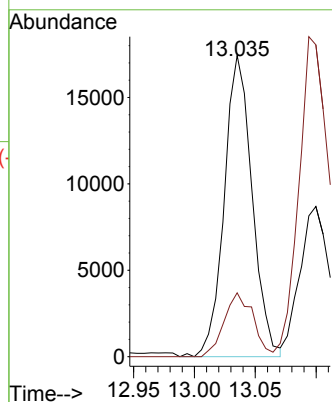
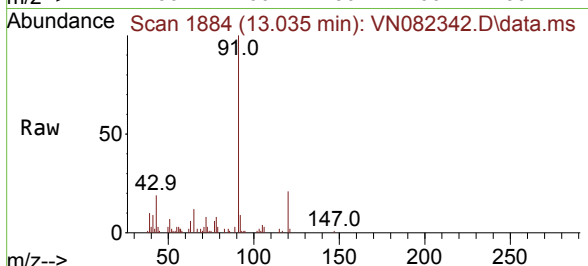




#78
 n-propylbenzene
 Concen: 1.749 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VN082342.D
 Acq: 28 May 2024 13:16

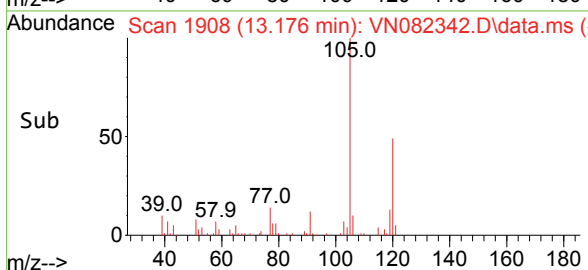
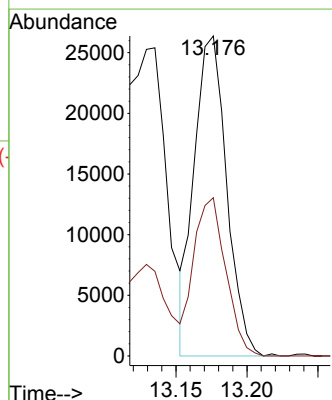
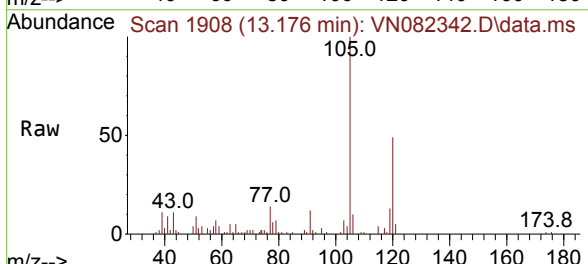
Instrument :
 MSVOA_N
 ClientSampleId :
 50360

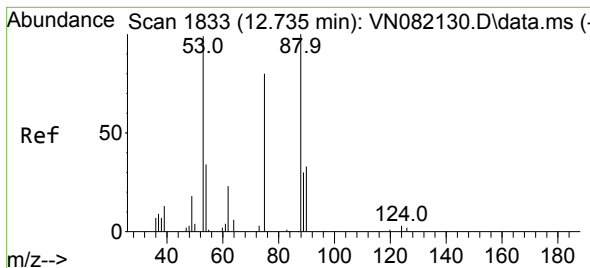
Tgt Ion: 91 Resp: 27793
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.7 35.0



#80
 1,3,5-Trimethylbenzene
 Concen: 3.857 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082342.D
 Acq: 28 May 2024 13:16

Tgt Ion: 105 Resp: 41840
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.8 74.3

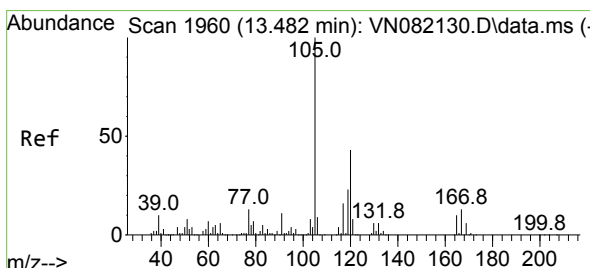
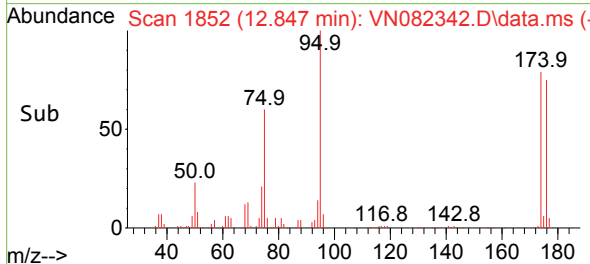
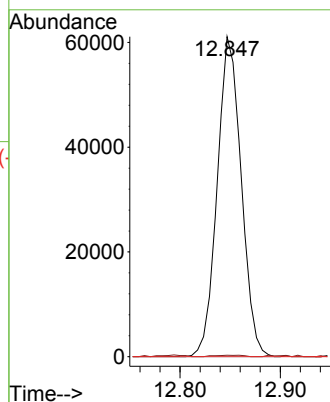
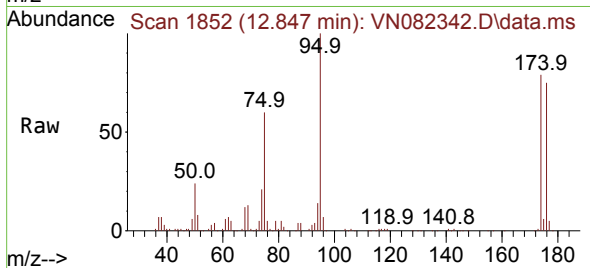




#81
trans-1,4-Dichloro-2-butene
Concen: 66.794 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

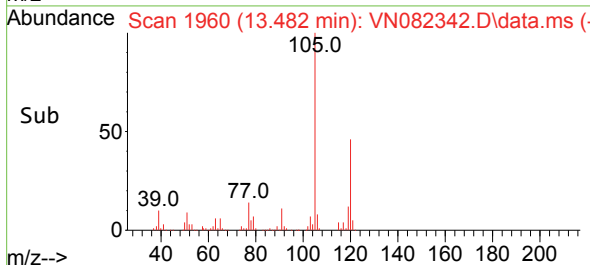
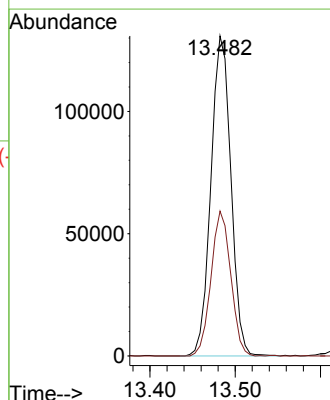
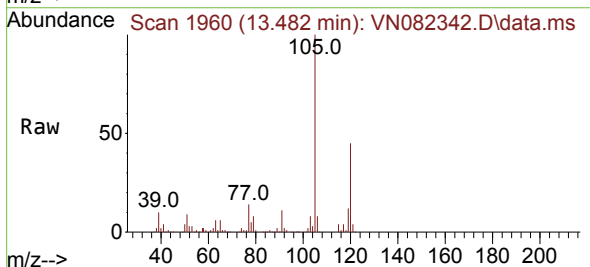
Instrument :
MSVOA_N
ClientSampleId :
50360

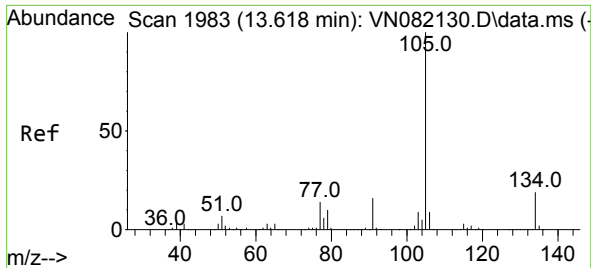
Tgt Ion: 75 Resp: 101501
Ion Ratio Lower Upper
75 100
53 0.5 72.9 109.3#
89 0.0 39.1 58.7#



#84
1,2,4-Trimethylbenzene
Concen: 19.206 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion:105 Resp: 213152
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7

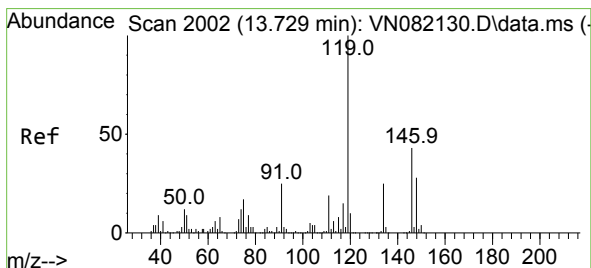
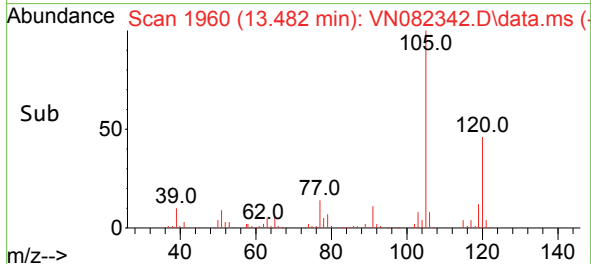
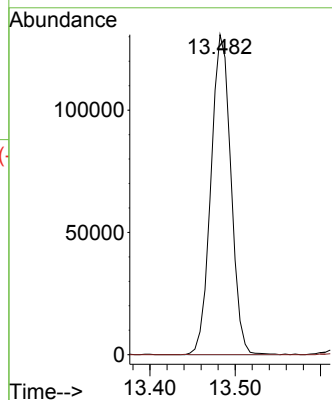
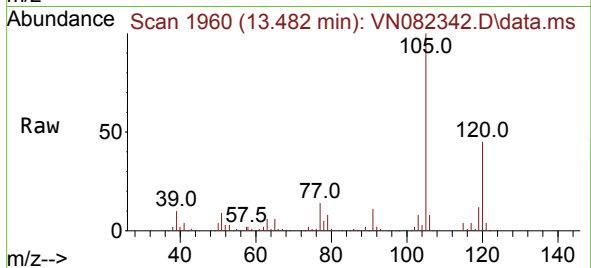




#85
 sec-Butylbenzene
 Concen: 16.204 ug/l
 RT: 13.482 min Scan# 1983
 Delta R.T. -0.135 min
 Lab File: VN082342.D
 Acq: 28 May 2024 13:16

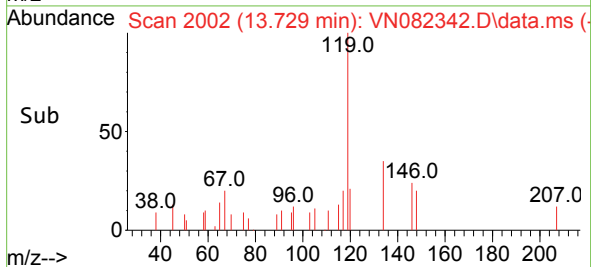
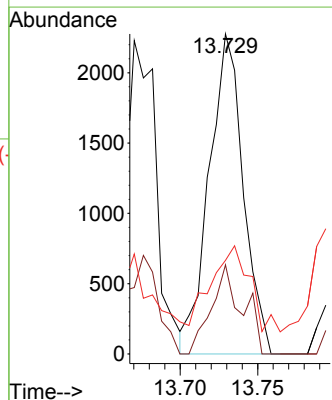
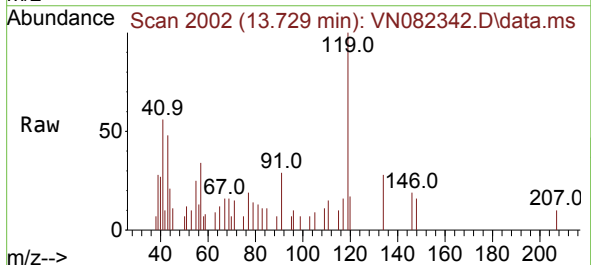
Instrument :
 MSVOA_N
 ClientSampleId :
 50360

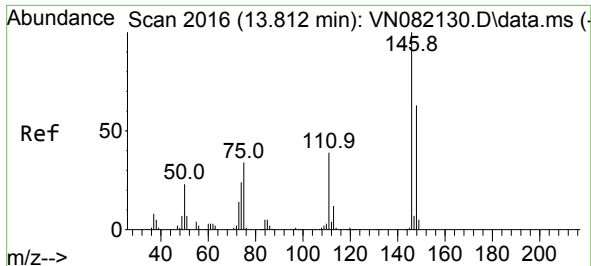
Tgt Ion:105 Resp: 213152
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 0.325 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082342.D
 Acq: 28 May 2024 13:16

Tgt Ion:119 Resp: 3478
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.2 39.5
 91 30.6 11.8 35.3

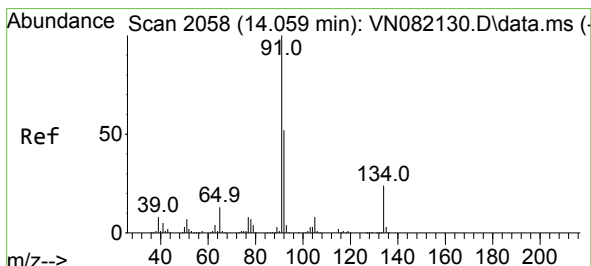
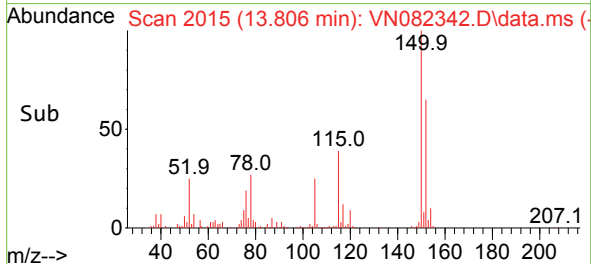
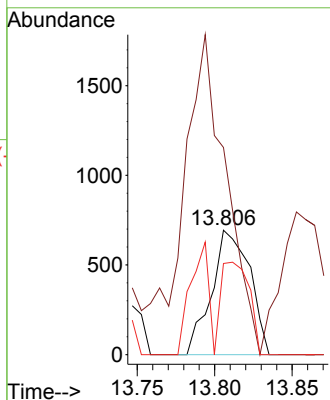
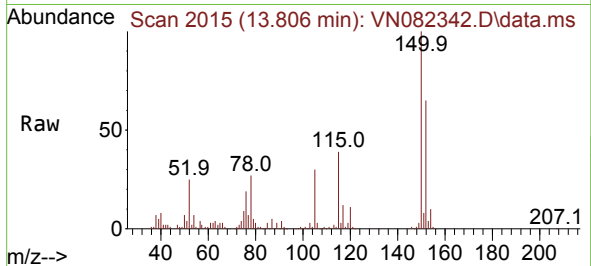




#88
1,4-Dichlorobenzene
Concen: 0.201 ug/l
RT: 13.806 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

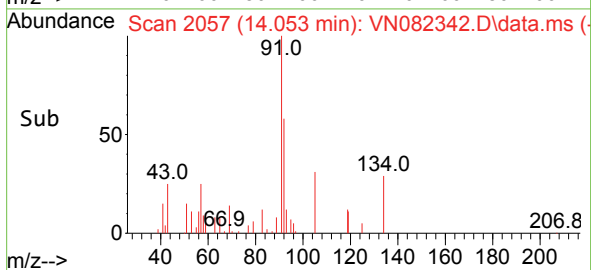
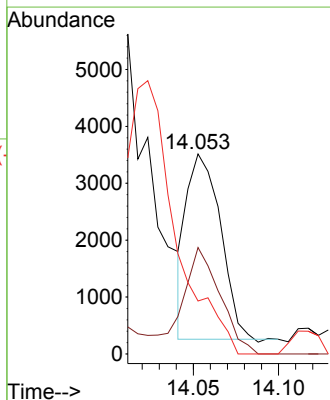
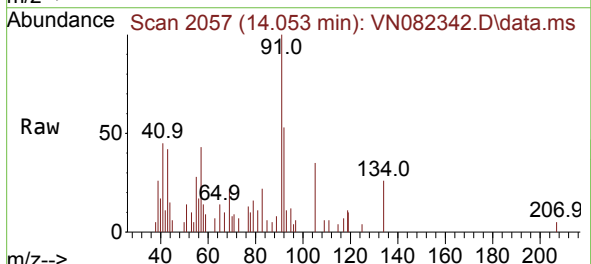
Instrument :
MSVOA_N
ClientSampleId :
50360

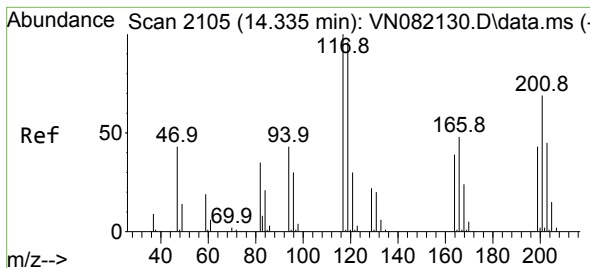
Tgt Ion:146 Resp: 1188
Ion Ratio Lower Upper
146 100
111 0.0 19.3 57.9#
148 55.2 31.3 93.9



#89
n-Butylbenzene
Concen: 0.465 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN082342.D
Acq: 28 May 2024 13:16

Tgt Ion: 91 Resp: 4471
Ion Ratio Lower Upper
91 100
92 65.5 26.2 78.5
134 0.0 13.2 39.5#





#90

Hexachloroethane

Concen: 2.057 ug/l

RT: 14.329 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

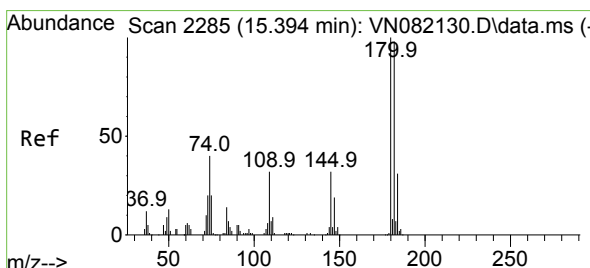
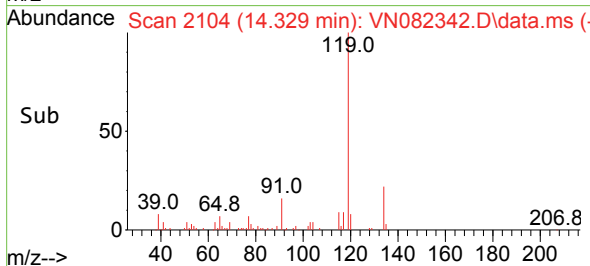
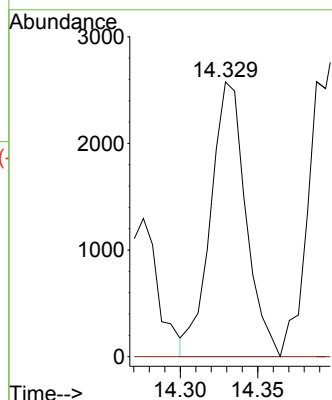
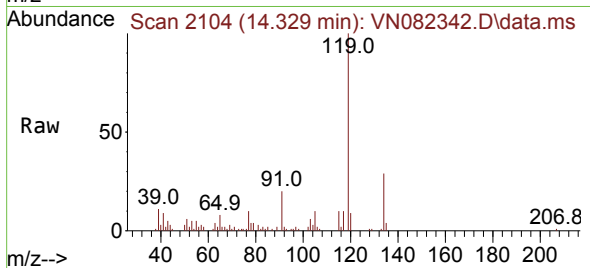
50360

Tgt Ion:117 Resp: 4074

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.502 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

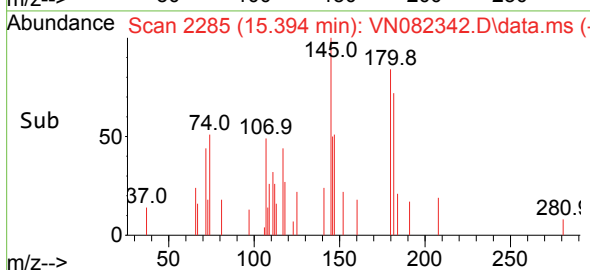
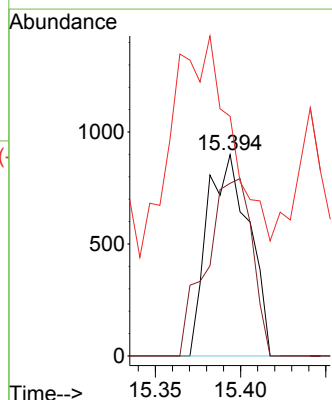
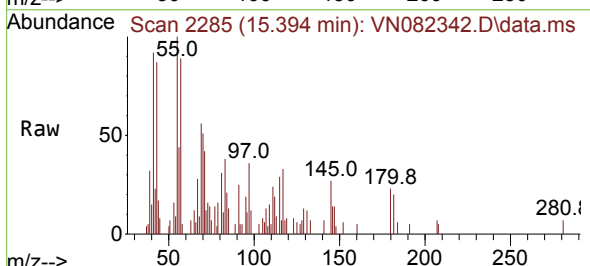
Tgt Ion:180 Resp: 1543

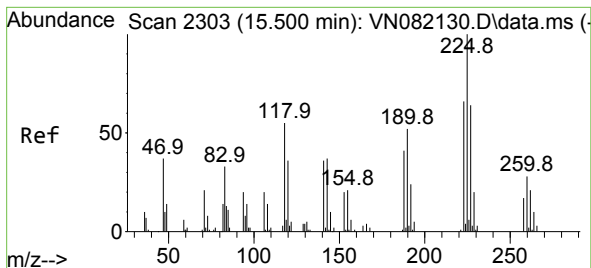
Ion Ratio Lower Upper

180 100

182 95.7 46.7 140.0

145 285.9 16.2 48.6#





#94

Hexachlorobutadiene

Concen: 0.587 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

Instrument :

MSVOA_N

ClientSampleId :

50360

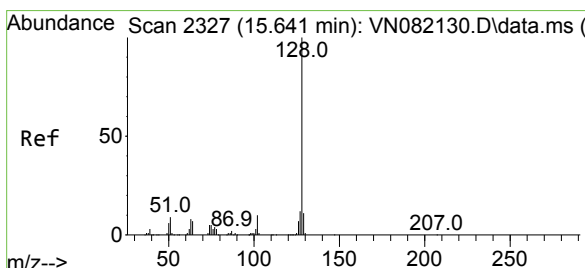
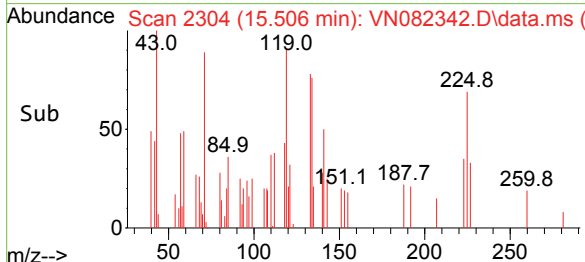
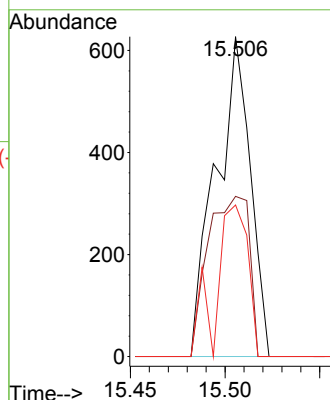
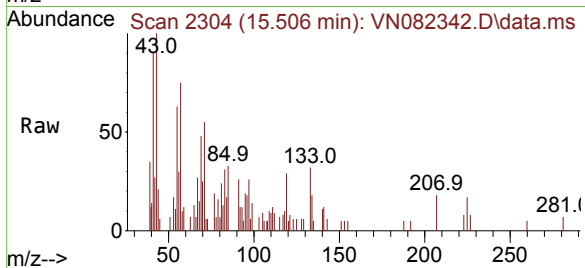
Tgt Ion:225 Resp: 791

Ion Ratio Lower Upper

225 100

223 60.1 31.1 93.2

227 44.0 30.6 91.6



#95

Naphthalene

Concen: 50.440 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082342.D

Acq: 28 May 2024 13:16

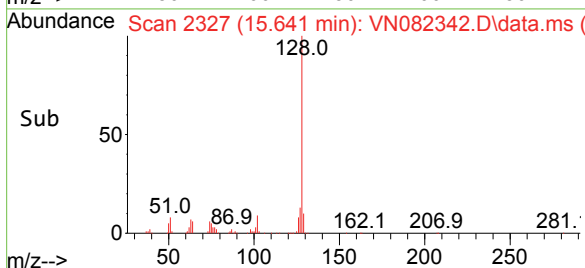
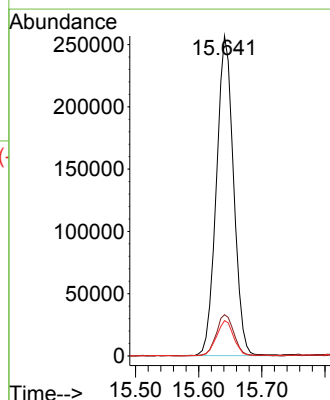
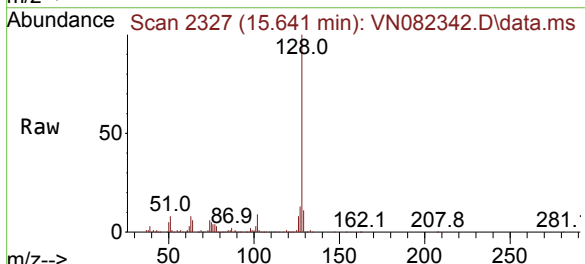
Tgt Ion:128 Resp: 485801

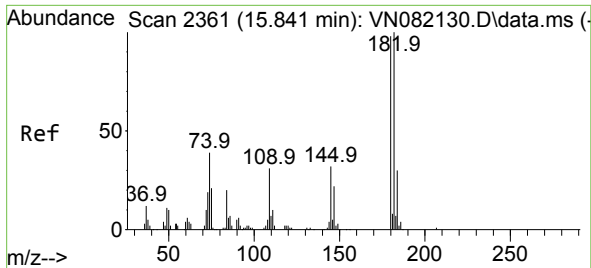
Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 11.3 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.525 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082342.D
 Acq: 28 May 2024 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 50360

Tgt Ion:180 Resp: 1616
 Ion Ratio Lower Upper
 180 100
 182 98.8 46.0 137.8
 145 0.0 17.1 51.3#

