

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082905.D
 Acq On : 12 Jul 2024 17:29
 Operator : JC\MD
 Sample : P3224-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 380AVEC-23

Quant Time: Jul 15 01:15:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	95590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	201453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76174	56.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.700%			
35) Dibromofluoromethane	8.165	113	61217	47.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.720%			
50) Toluene-d8	10.571	98	250937	52.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.847	95	101876	59.402	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 118.800%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	464	0.522	ug/l	86
11) Tert butyl alcohol	5.524	59	2076	9.211	ug/l #	71
13) Acrolein	4.177	56	324	1.991	ug/l #	34
14) Allyl chloride	4.959	41	429	0.282	ug/l #	17
16) Acetone	4.430	43	53058	112.466	ug/l	91
17) Carbon Disulfide	4.712	76	1952	0.669	ug/l #	75
18) Methyl Acetate	5.036	43	1838	1.472	ug/l #	56
20) Methylene Chloride	5.271	84	7085	6.219	ug/l	85
25) 2-Butanone	7.488	43	5159	7.242	ug/l #	85
29) Tetrahydrofuran	7.865	42	120	0.268	ug/l #	58
31) Cyclohexane	8.235	56	3079	1.758	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	8493	4.765	ug/l #	49
37) Ethyl Acetate	7.565	43	2502	1.379	ug/l #	76
38) Carbon Tetrachloride	8.230	117	10313	4.806	ug/l #	20
40) Benzene	8.606	78	564830	103.028	ug/l	97
42) 1,2-Dichloroethane	8.694	62	635	0.322	ug/l #	78
43) Isopropyl Acetate	8.688	43	191811	56.445	ug/l #	80
45) 1,2-Dichloropropane	9.735	63	1108	0.866	ug/l #	44
48) Methyl methacrylate	9.659	41	3471	2.440	ug/l #	55
51) 4-Methyl-2-Pentanone	10.441	43	10856	6.035	ug/l #	85
52) Toluene	10.629	92	444937	129.923	ug/l	100
53) t-1,3-Dichloropropene	10.729	75	536	0.253	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	30197	13.441	ug/l #	56
55) 1,1,2-Trichloroethane	10.888	97	3027	2.404	ug/l #	14
56) Ethyl methacrylate	10.982	69	936	0.478	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3910	1.754	ug/l #	43
59) 2-Hexanone	11.200	43	52447	39.215	ug/l #	58
67) Ethyl Benzene	11.965	91	87249	11.378	ug/l	97
68) m/p-Xylenes	12.070	106	245430	84.778	ug/l	98
69) o-Xylene	12.400	106	255600	92.145	ug/l	96
70) Styrene	12.412	104	60394	13.177	ug/l #	35
71) Bromoform	12.853	173	647	0.507	ug/l #	1
73) Isopropylbenzene	12.694	105	7694	0.948	ug/l	98
74) N-amyl acetate	12.459	43	3925	1.169	ug/l #	55
76) 1,2,3-Trichloropropane	12.847	75	56354	29.270	ug/l #	1
78) n-propylbenzene	13.035	91	11785	1.263	ug/l	99

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

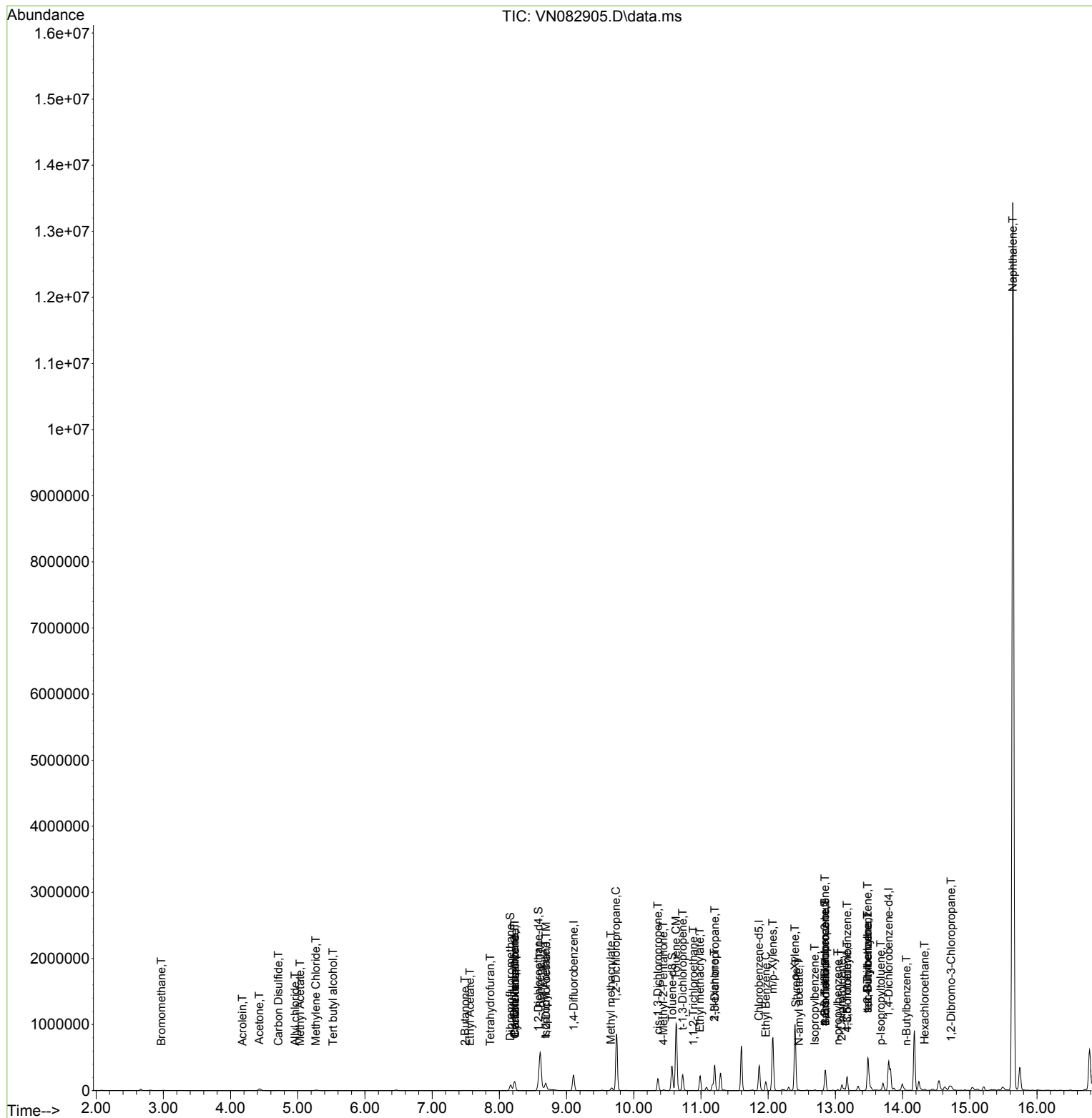
79) 2-Chlorotoluene	13.094	91	9043	1.521	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	111806	17.045	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	56354	57.566	ug/l #	7
82) 4-Chlorotoluene	13.176	91	11816	2.008	ug/l #	42
83) tert-Butylbenzene	13.482	119	32174	5.533	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.482	105	298775	44.691	ug/l	91
85) sec-Butylbenzene	13.482	105	298775	38.021	ug/l #	57
86) p-Isopropyltoluene	13.676	119	3431	0.523	ug/l	96
89) n-Butylbenzene	14.059	91	1598	0.284	ug/l #	79
90) Hexachloroethane	14.329	117	1687	1.216	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1921	3.417	ug/l #	7
95) Naphthalene	15.641	128	12062779	1780.696	ug/l	99

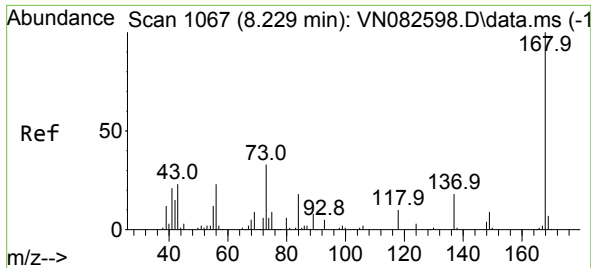
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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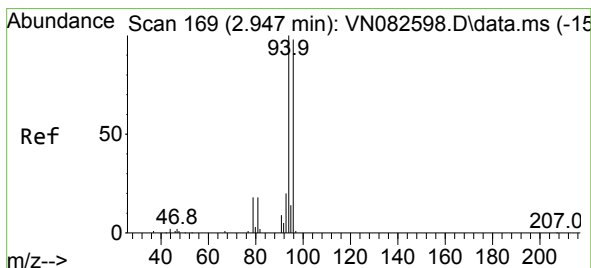
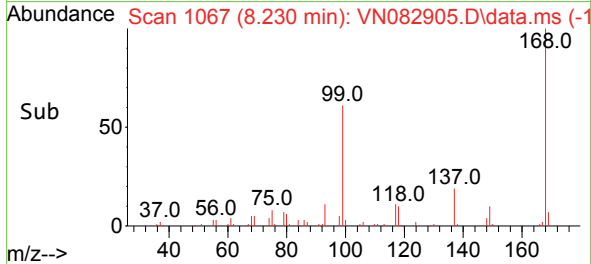
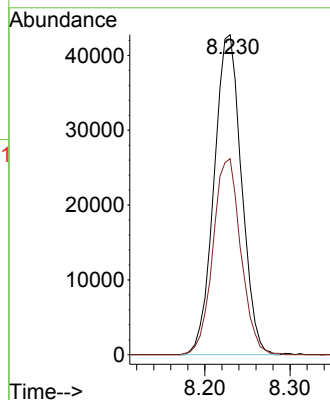
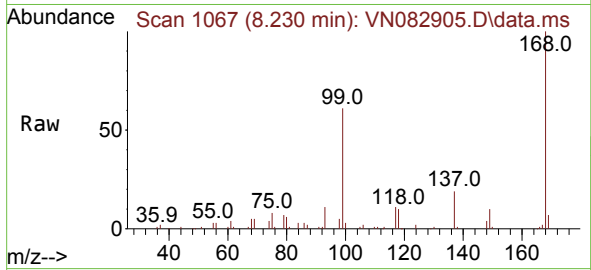




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

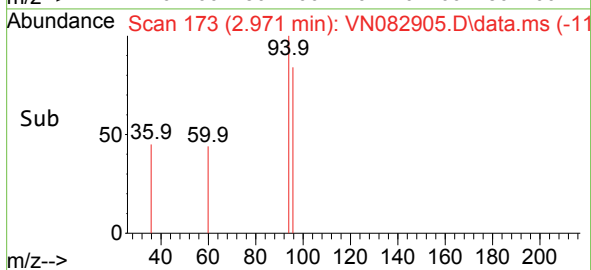
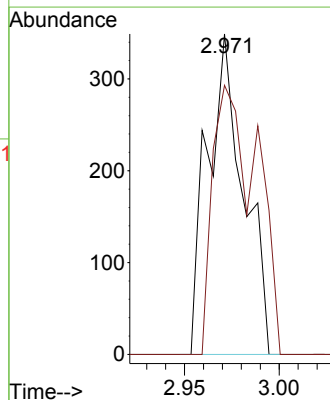
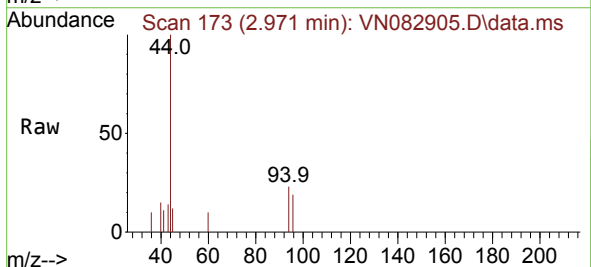
Instrument :
MSVOA_N
ClientSampleId :
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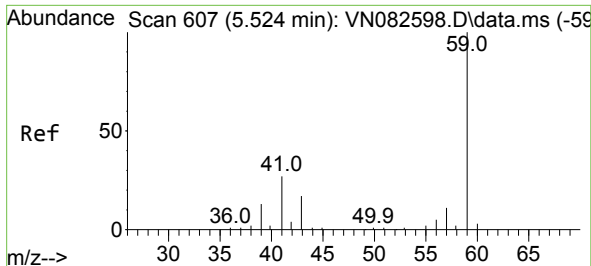
Tgt Ion:168 Resp: 95590
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#5
Bromomethane
Concen: 0.522 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 94 Resp: 464
Ion Ratio Lower Upper
94 100
96 84.0 78.0 117.0

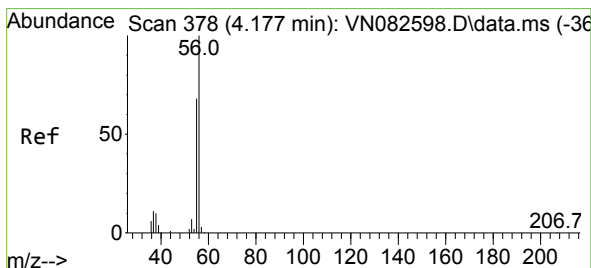
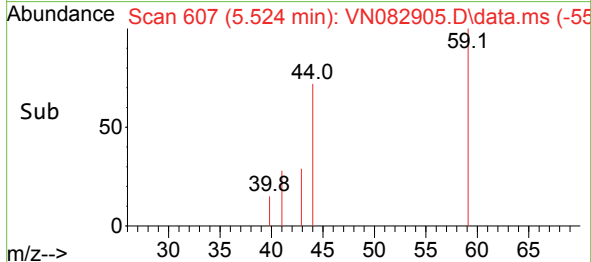
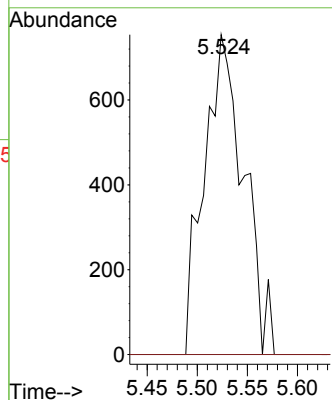
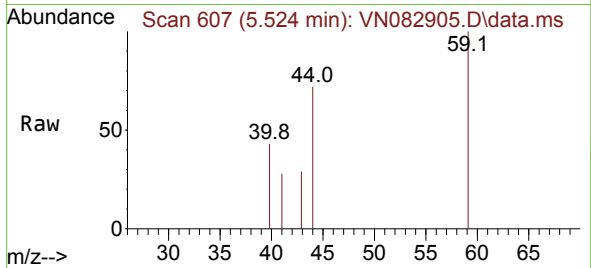




#11
Tert butyl alcohol
Concen: 9.211 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

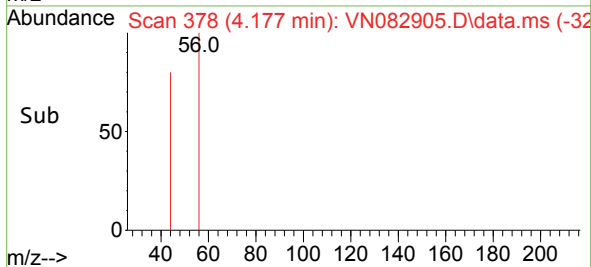
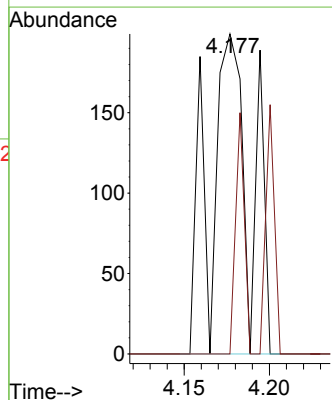
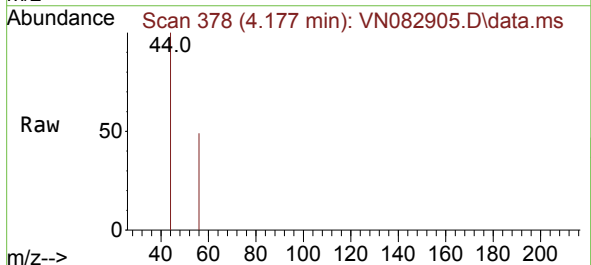
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

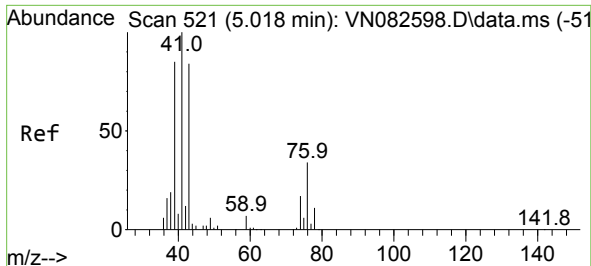
Tgt Ion: 59 Resp: 2076
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 1.991 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 56 Resp: 324
Ion Ratio Lower Upper
56 100
55 16.4 56.4 84.6#





#14

Allyl chloride

Concen: 0.282 ug/l

RT: 4.959 min Scan# 511

Delta R.T. -0.059 min

Lab File: VN082905.D

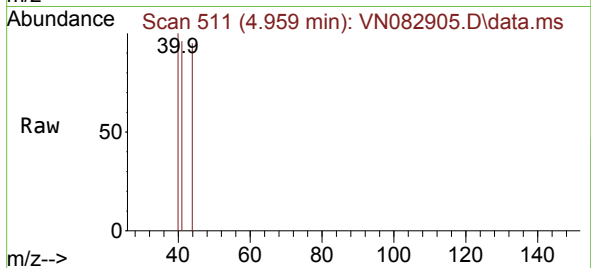
Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

380AVEC-23



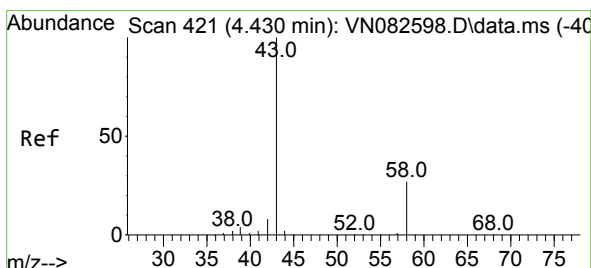
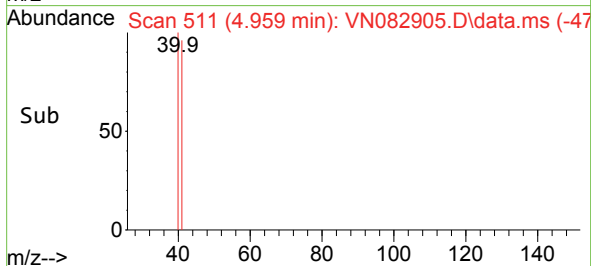
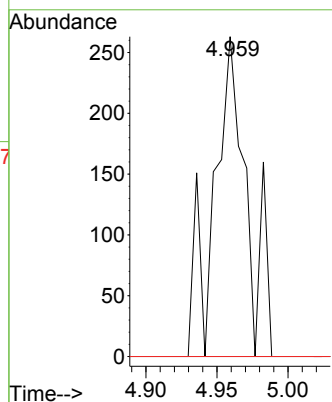
Tgt Ion: 41 Resp: 429

Ion Ratio Lower Upper

41 100

39 0.0 67.8 101.6#

76 0.0 25.8 38.8#



#16

Acetone

Concen: 112.466 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.000 min

Lab File: VN082905.D

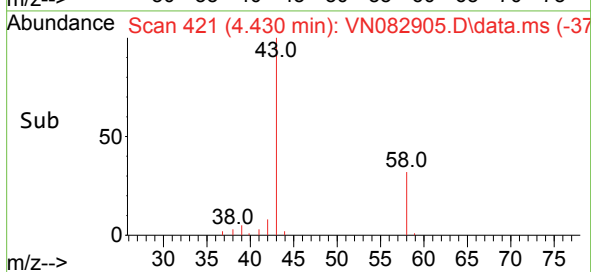
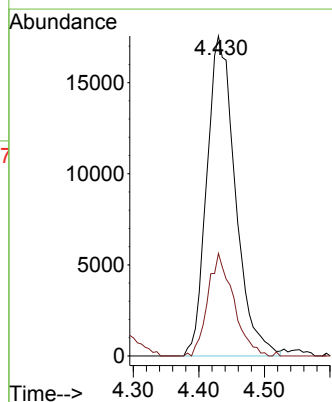
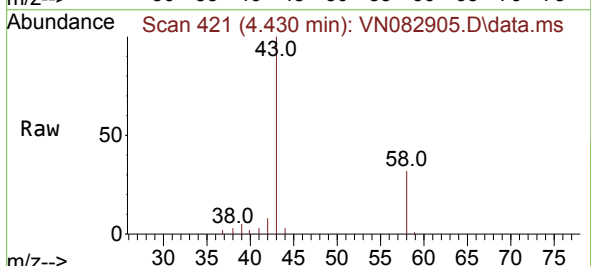
Acq: 12 Jul 2024 17:29

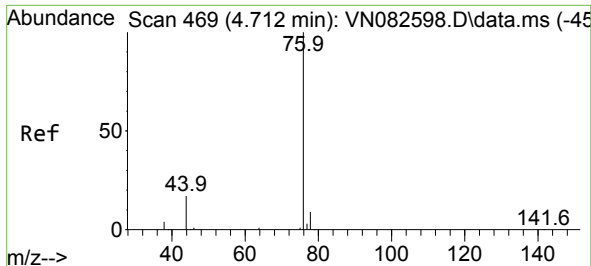
Tgt Ion: 43 Resp: 53058

Ion Ratio Lower Upper

43 100

58 32.0 21.8 32.6

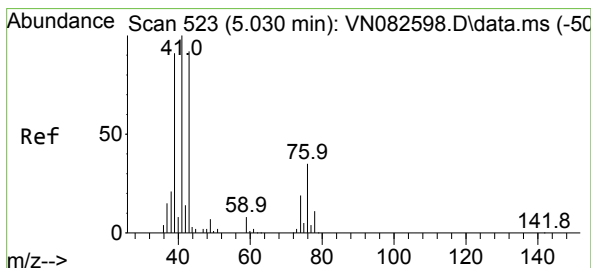
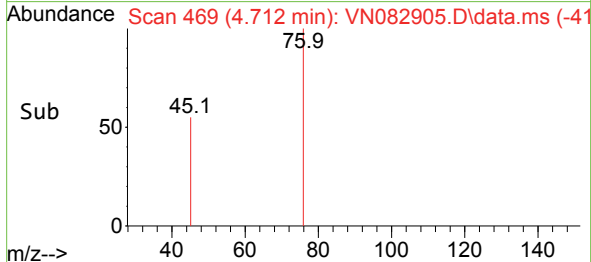
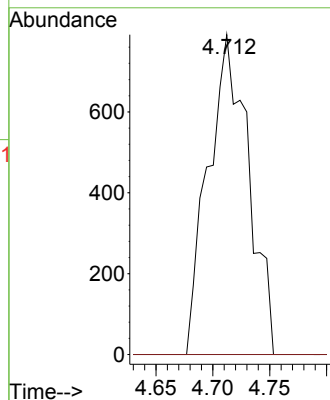
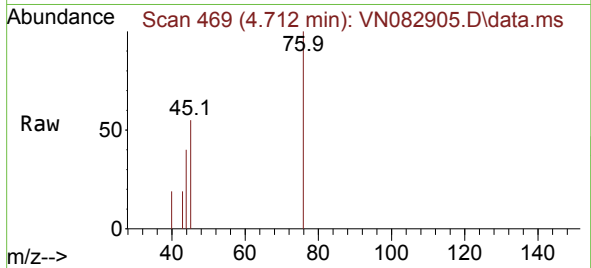




#17
Carbon Disulfide
Concen: 0.669 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

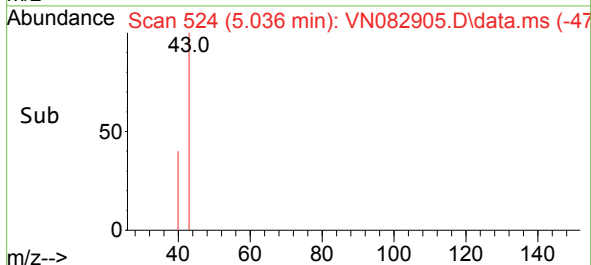
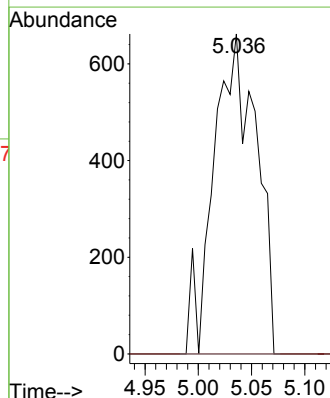
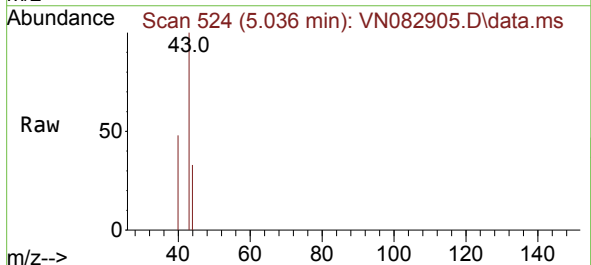
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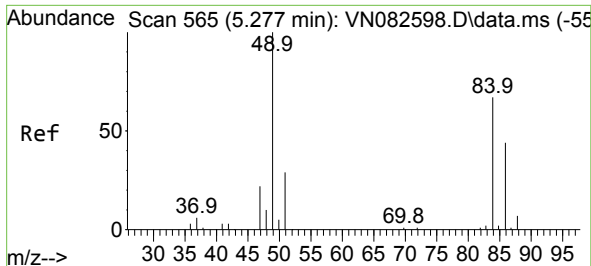
Tgt Ion: 76 Resp: 1952
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.472 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

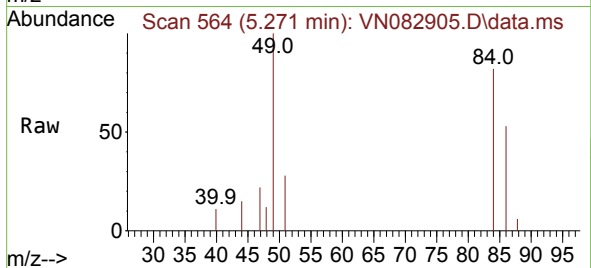
Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



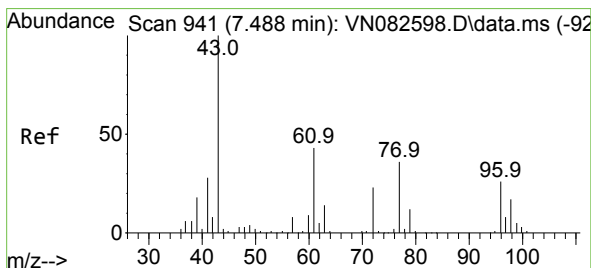
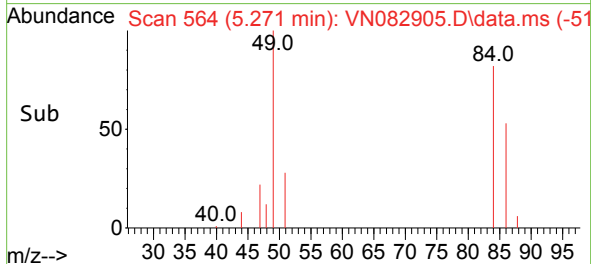
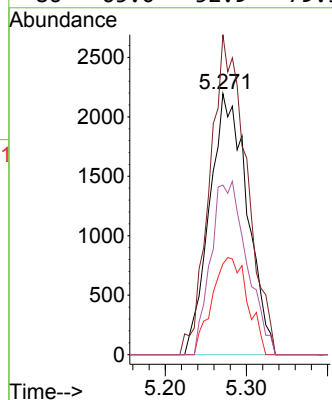


#20
Methylene Chloride
Concen: 6.219 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
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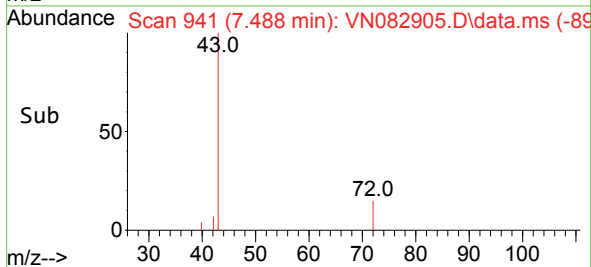
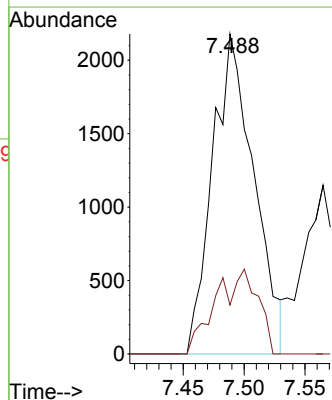
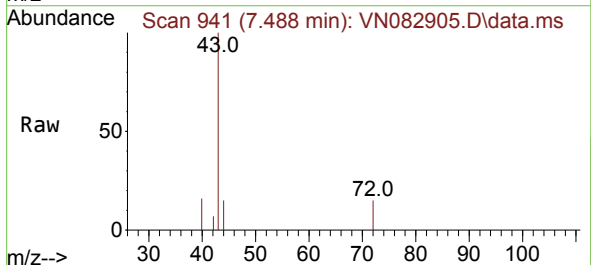


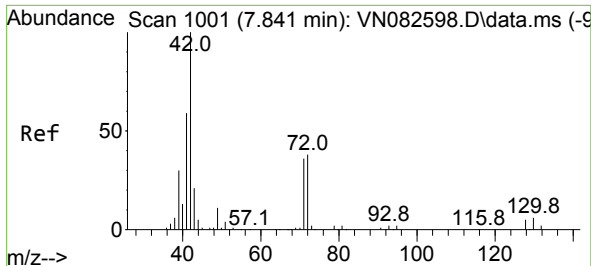
Tgt Ion:	84	Resp:	7085
Ion	Ratio	Lower	Upper
84	100		
49	122.7	119.6	179.4
51	34.8	34.8	52.2
86	65.0	52.9	79.3



#25
2-Butanone
Concen: 7.242 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion:	43	Resp:	5159
Ion	Ratio	Lower	Upper
43	100		
72	15.3	18.2	27.2#

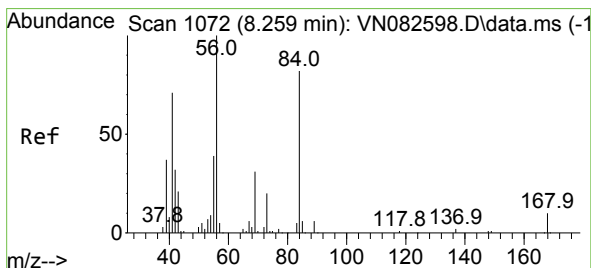
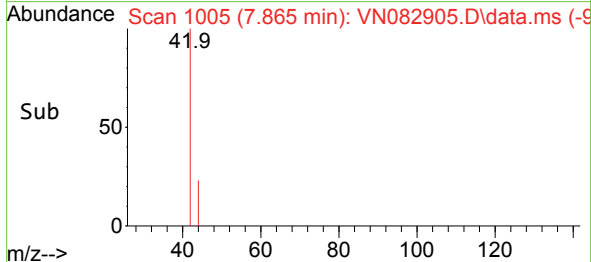
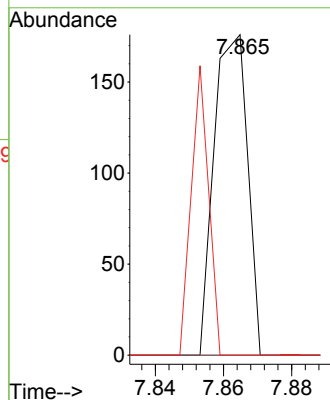
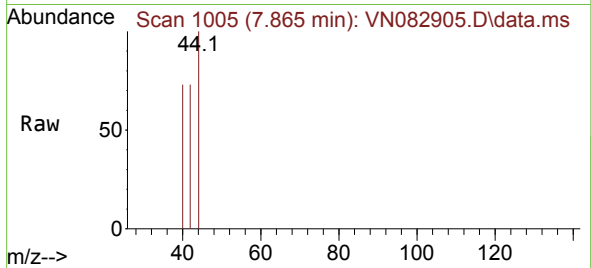




#29
Tetrahydrofuran
Concen: 0.268 ug/l
RT: 7.865 min Scan# 1068
Delta R.T. 0.024 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

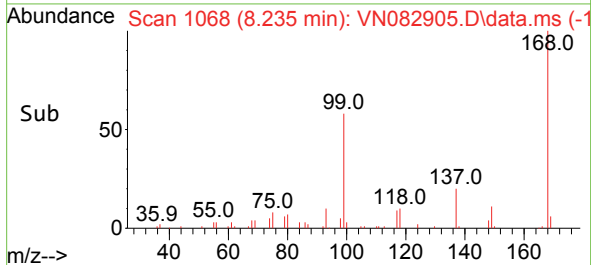
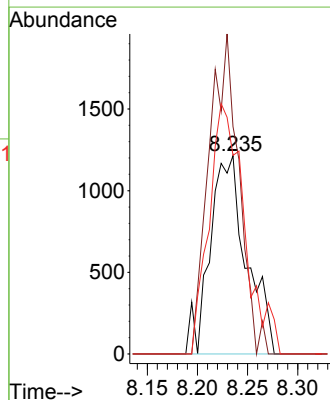
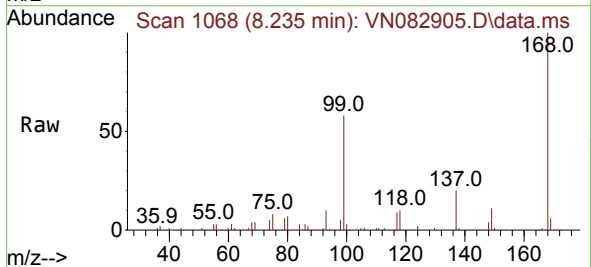
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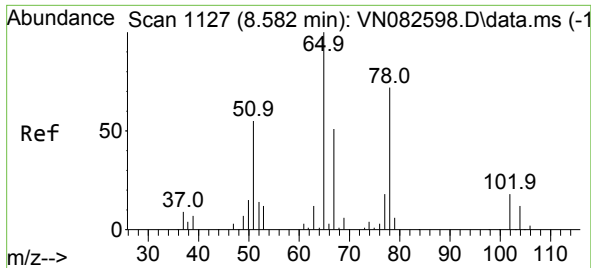
Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 46.7 28.3 42.5#



#31
Cyclohexane
Concen: 1.758 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 56 Resp: 3079
Ion Ratio Lower Upper
56 100
69 114.7 24.5 36.7#
84 100.1 66.0 99.0#

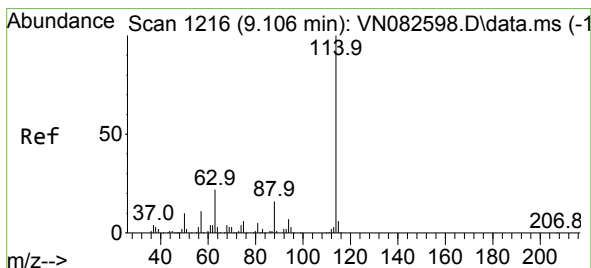
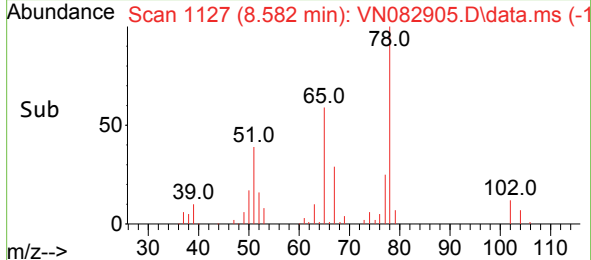
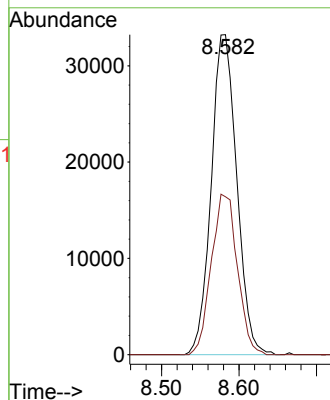
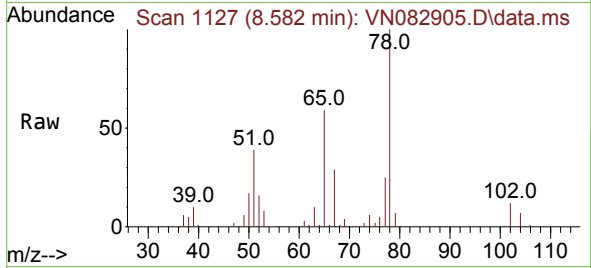




#33
 1,2-Dichloroethane-d4
 Concen: 56.847 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082905.D
 Acq: 12 Jul 2024 17:29

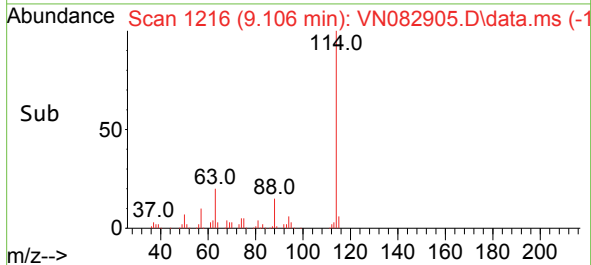
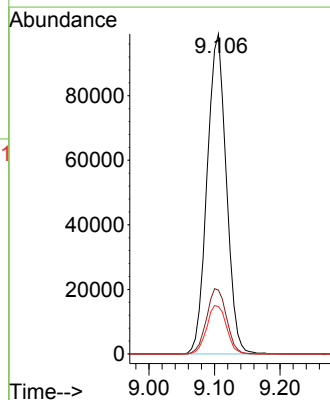
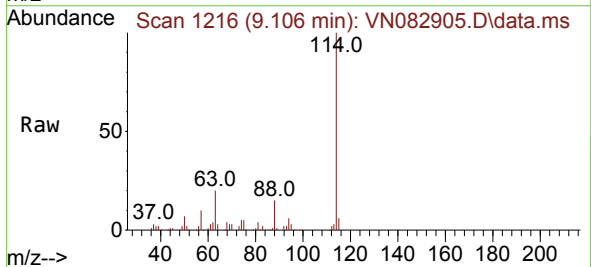
Instrument :
 MSVOA_N
 ClientSampleId :
 380AVEC-23

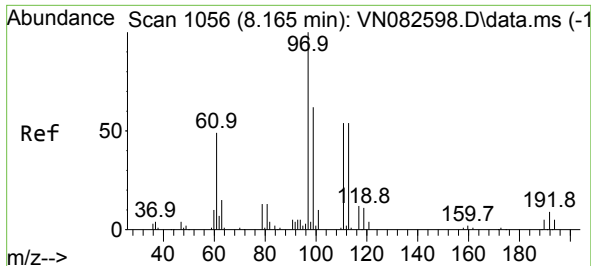
Tgt Ion: 65 Resp: 76174
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082905.D
 Acq: 12 Jul 2024 17:29

Tgt Ion: 114 Resp: 201453
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.6
 88 14.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.357 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

380AVEC-23

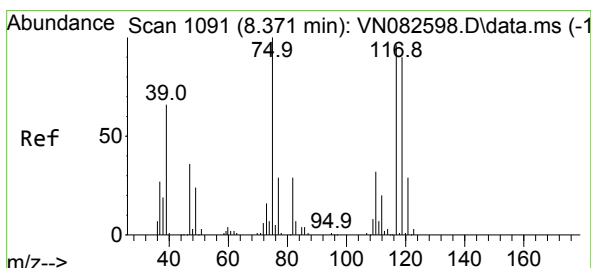
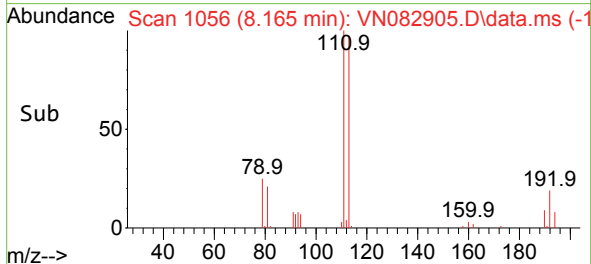
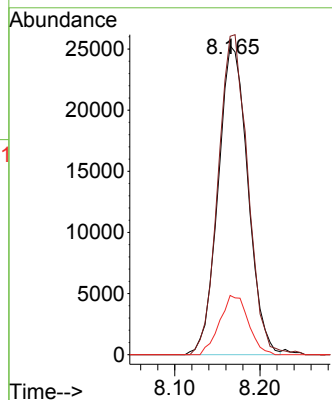
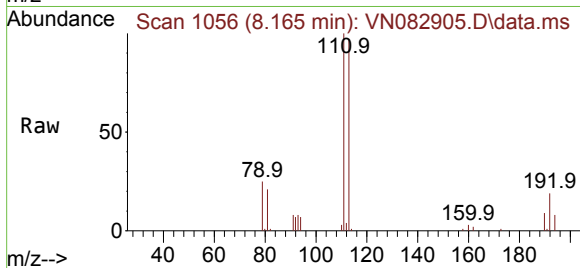
Tgt Ion:113 Resp: 61217

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 18.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.765 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

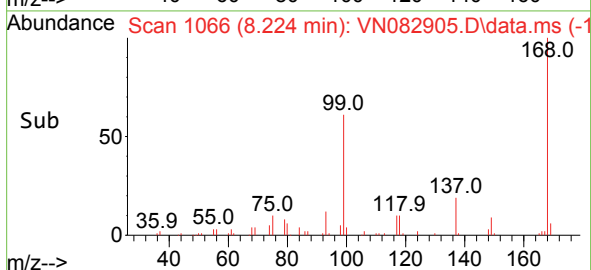
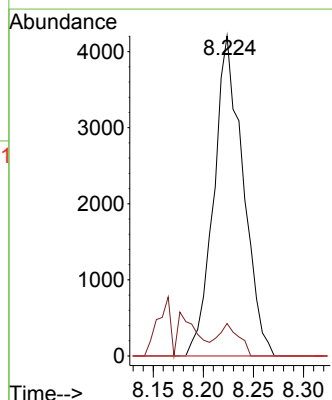
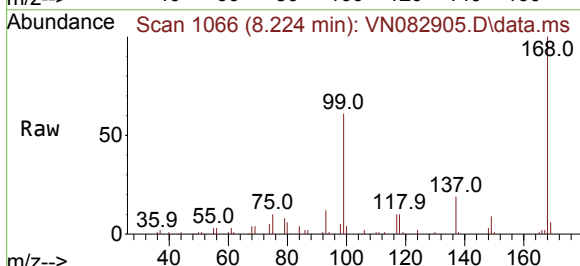
Tgt Ion: 75 Resp: 8493

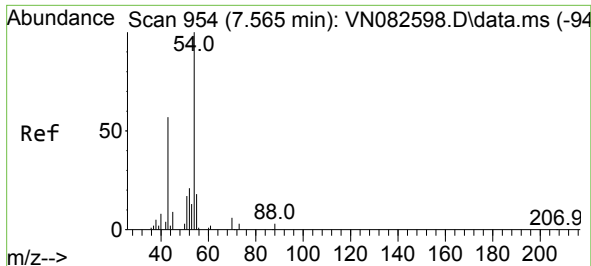
Ion Ratio Lower Upper

75 100

110 7.2 16.3 48.9#

77 0.0 24.6 37.0#

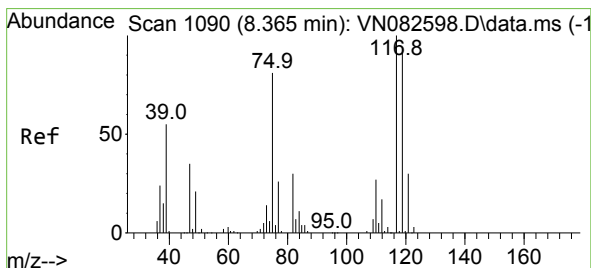
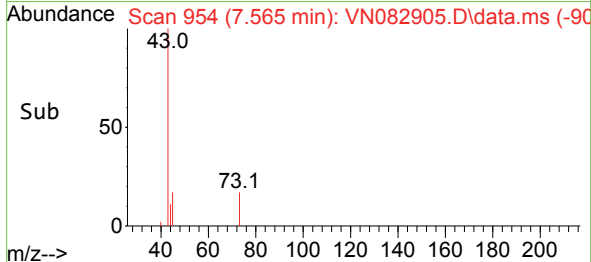
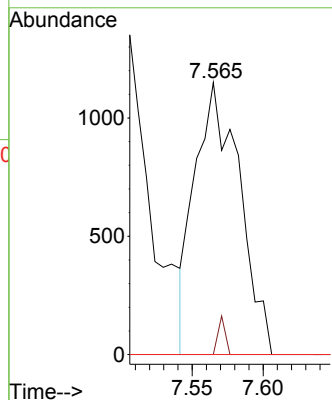
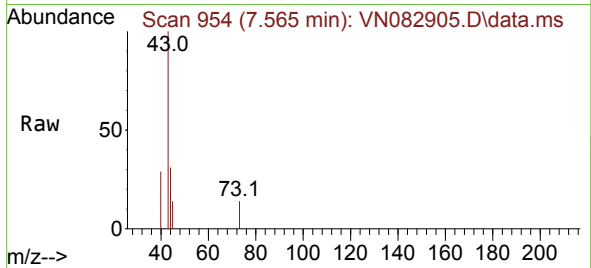




#37
Ethyl Acetate
Concen: 1.379 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

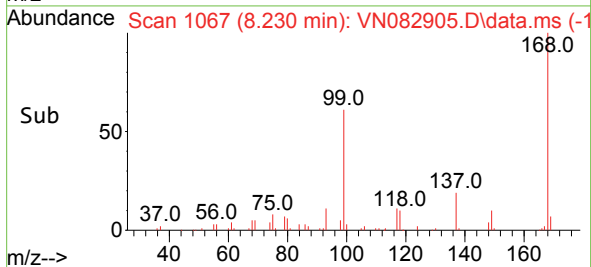
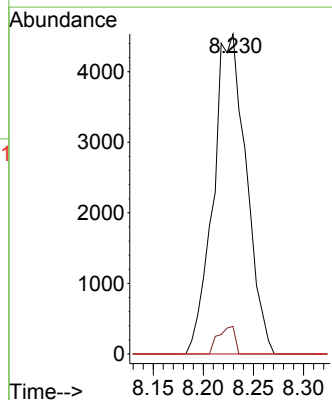
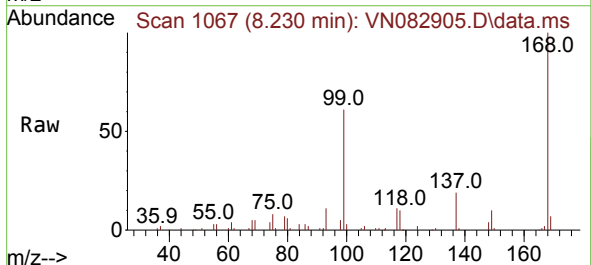
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

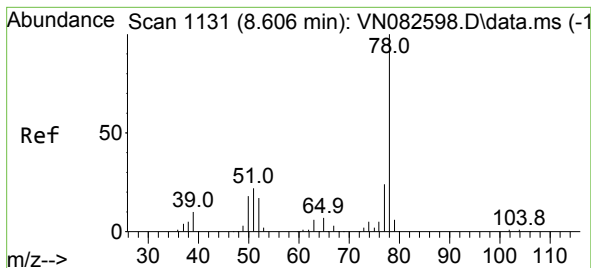
Tgt Ion: 43 Resp: 2502
Ion Ratio Lower Upper
43 100
61 2.3 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 4.806 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 117 Resp: 10313
Ion Ratio Lower Upper
117 100
119 8.6 74.9 112.3#
121 0.0 24.3 36.5#





#40

Benzene

Concen: 103.028 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

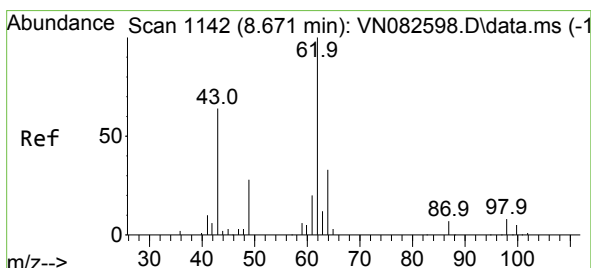
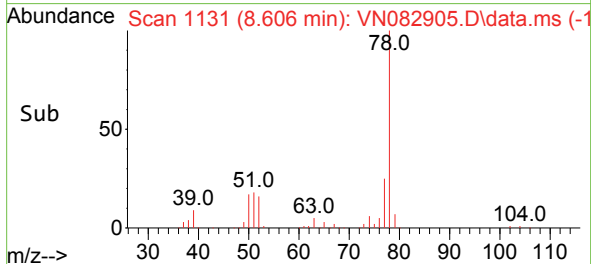
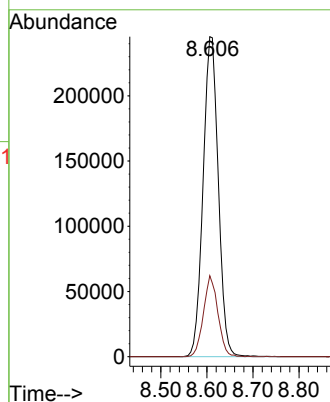
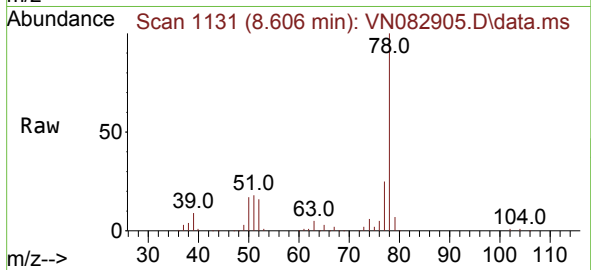
380AVEC-23

Tgt Ion: 78 Resp: 564830

Ion Ratio Lower Upper

78 100

77 25.3 19.0 28.4



#42

1,2-Dichloroethane

Concen: 0.322 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.023 min

Lab File: VN082905.D

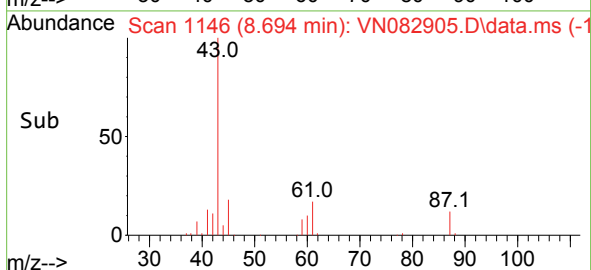
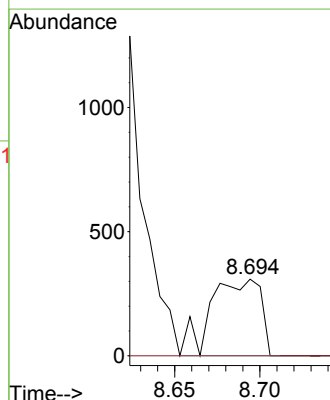
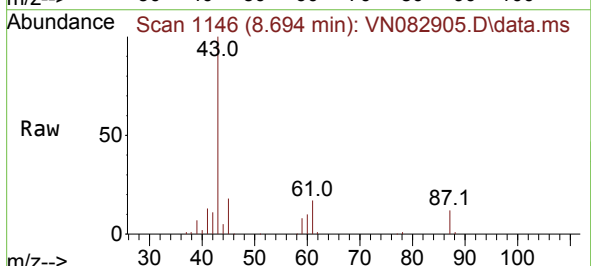
Acq: 12 Jul 2024 17:29

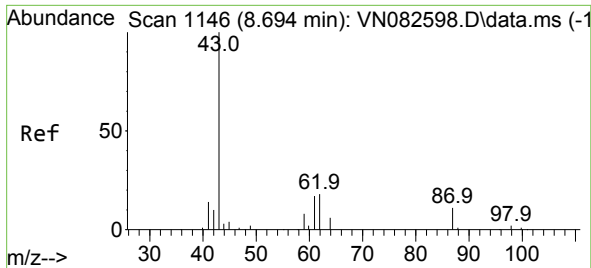
Tgt Ion: 62 Resp: 635

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8

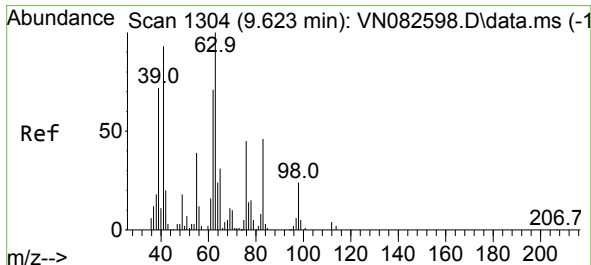
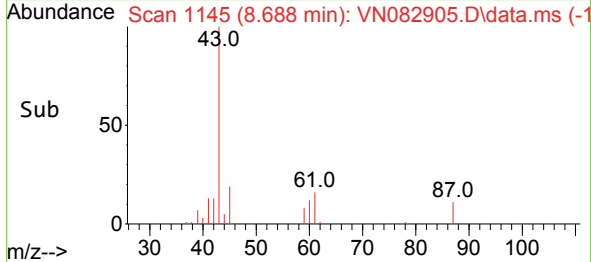
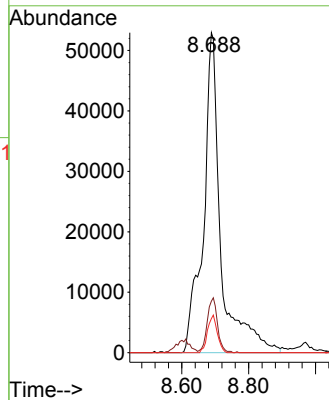
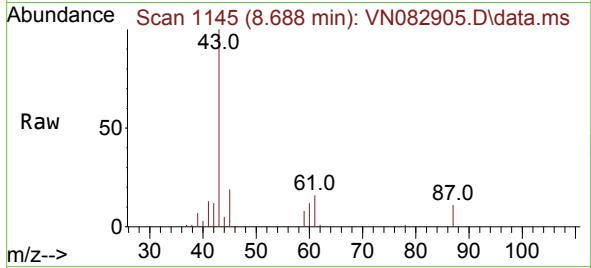




#43
Isopropyl Acetate
Concen: 56.445 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

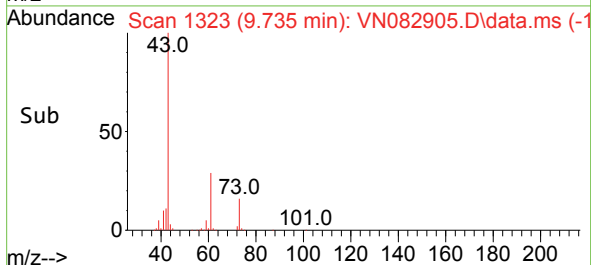
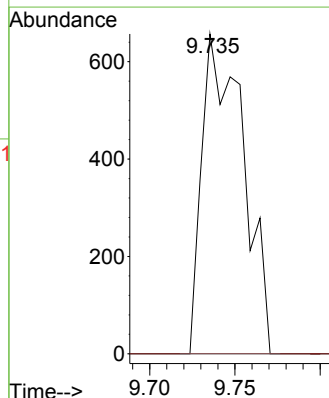
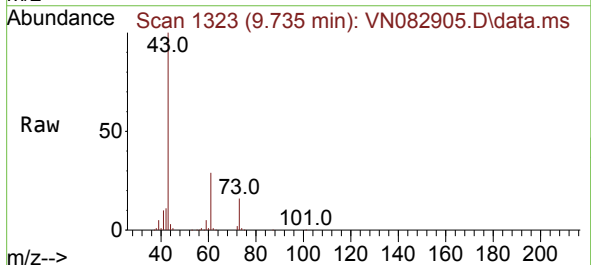
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

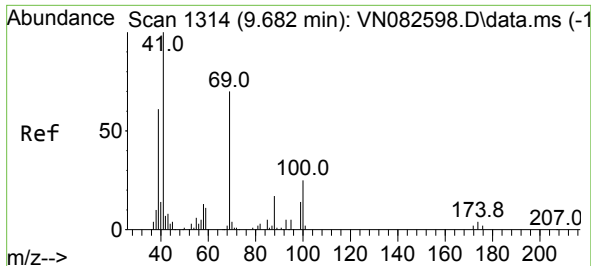
Tgt Ion: 43 Resp: 191811
Ion Ratio Lower Upper
43 100
61 10.1 17.8 26.6#
87 6.5 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.866 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.112 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 63 Resp: 1108
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

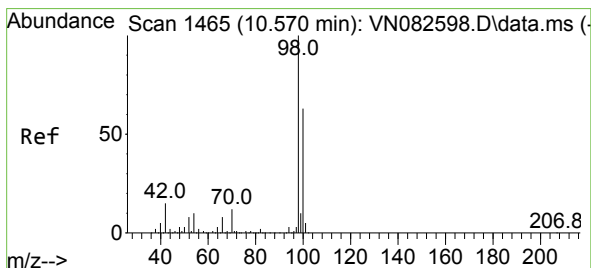
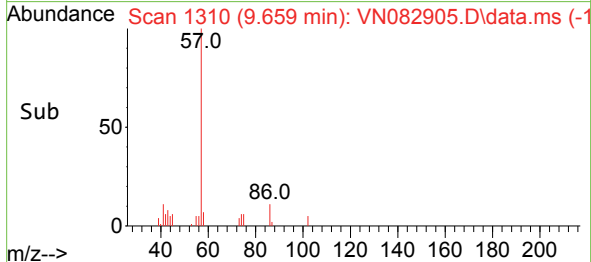
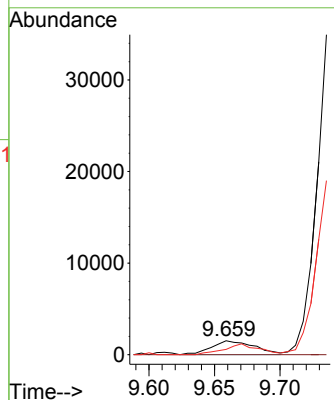
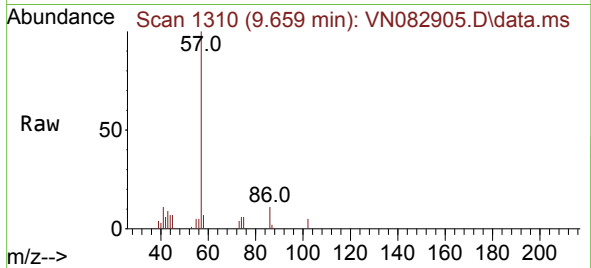




#48
Methyl methacrylate
Concen: 2.440 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

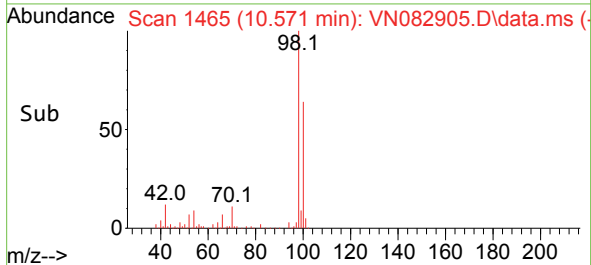
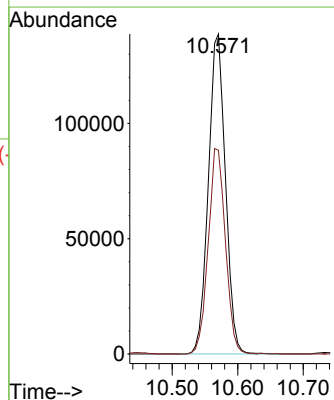
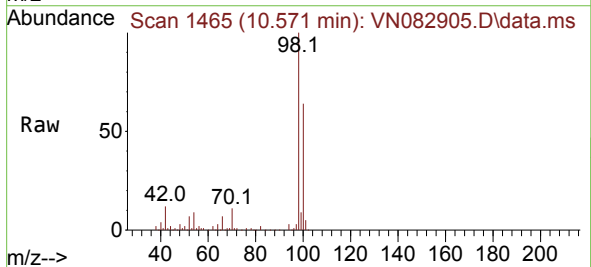
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

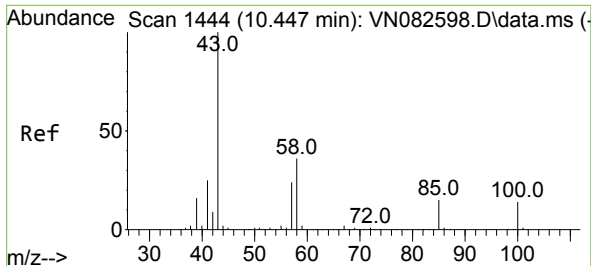
Tgt Ion: 41 Resp: 3471
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 62.5 50.3 75.5



#50
Toluene-d8
Concen: 52.558 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 98 Resp: 250937
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

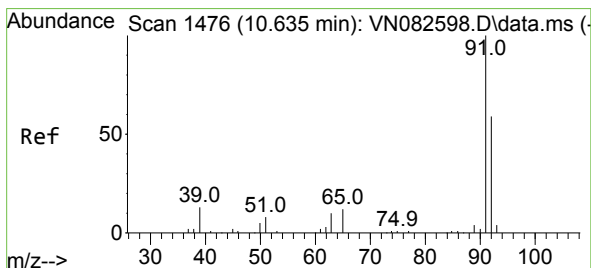
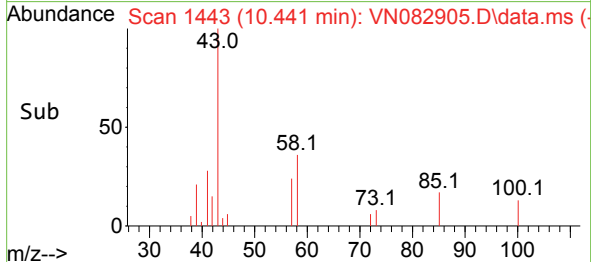
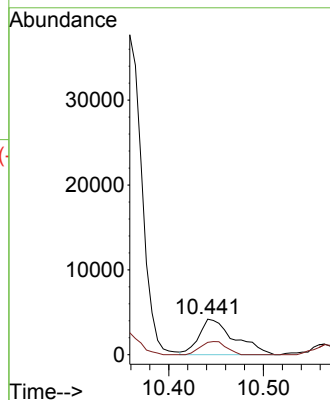
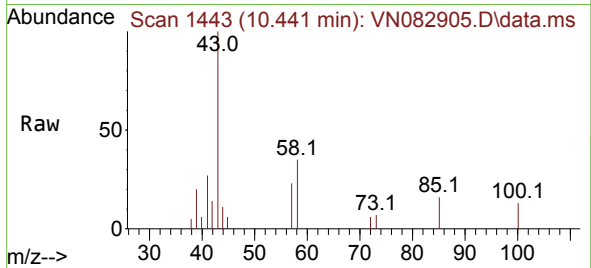




#51
4-Methyl-2-Pentanone
Concen: 6.035 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

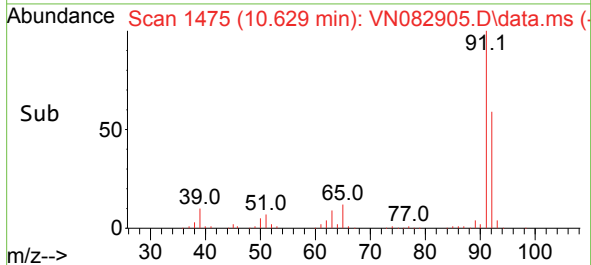
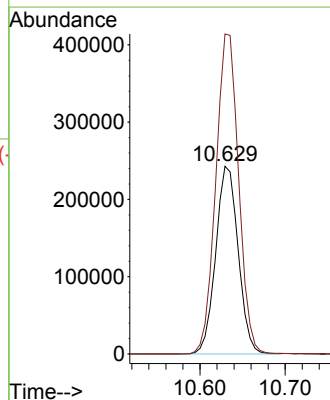
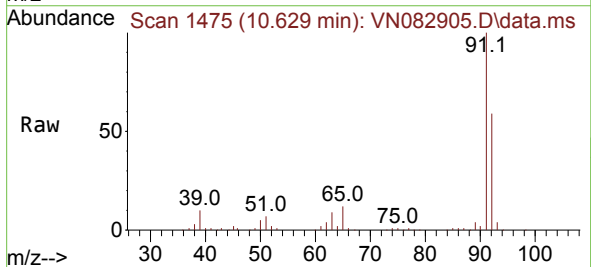
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

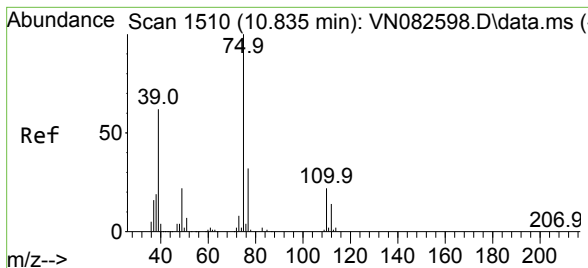
Tgt Ion: 43 Resp: 10856
Ion Ratio Lower Upper
43 100
58 26.7 28.2 42.4#



#52
Toluene
Concen: 129.923 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 92 Resp: 444937
Ion Ratio Lower Upper
92 100
91 173.5 139.4 209.0

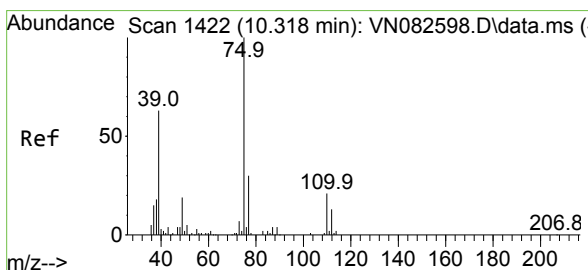
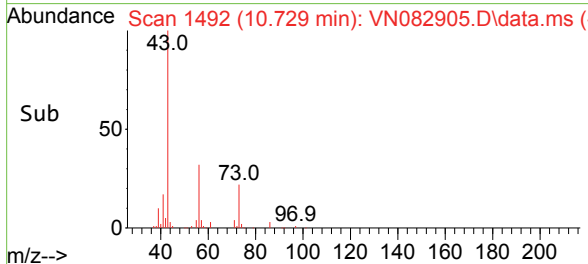
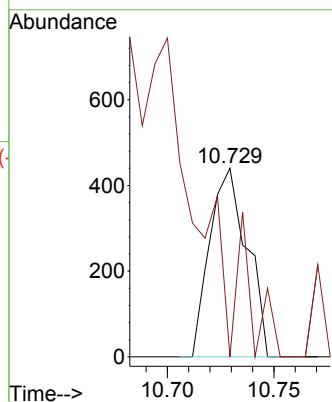
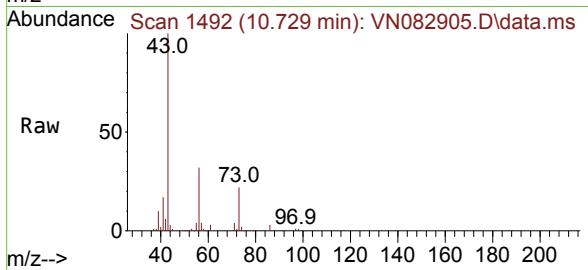




#53
t-1,3-Dichloropropene
Concen: 0.253 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

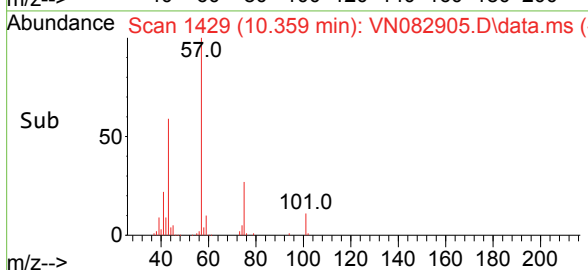
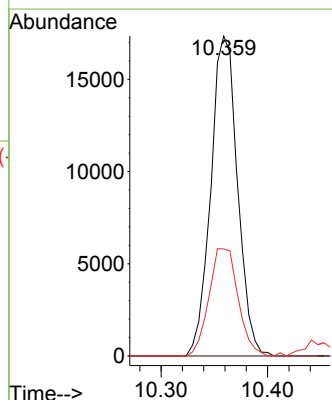
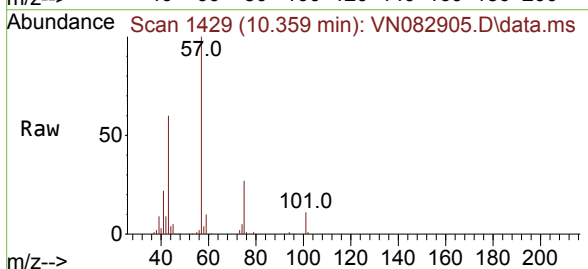
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

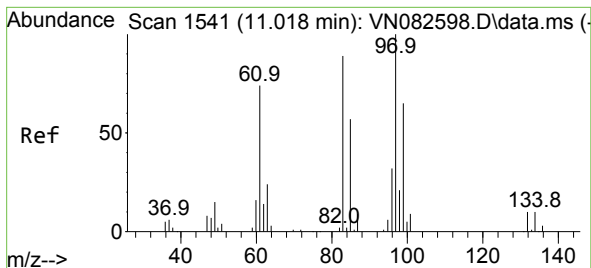
Tgt Ion: 75 Resp: 536
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 13.441 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 75 Resp: 30197
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 33.4 50.5 75.7#





#55

1,1,2-Trichloroethane

Concen: 2.404 ug/l

RT: 10.888 min Scan# 1519

Delta R.T. -0.130 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

380AVEC-23

Tgt Ion: 97 Resp: 3027

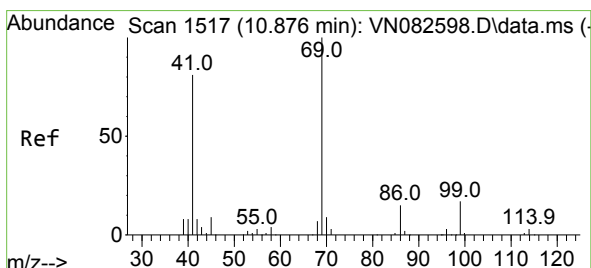
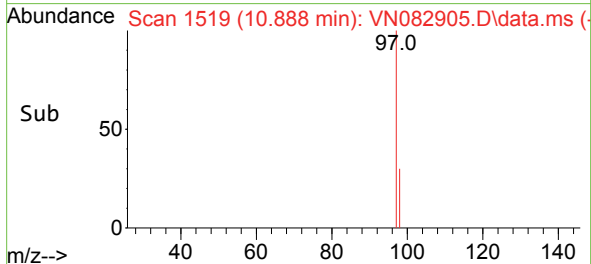
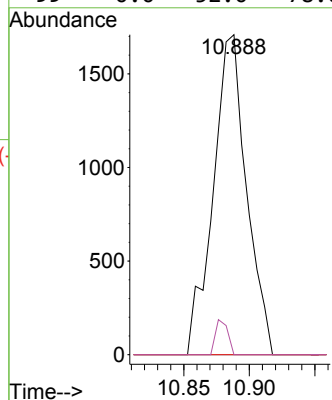
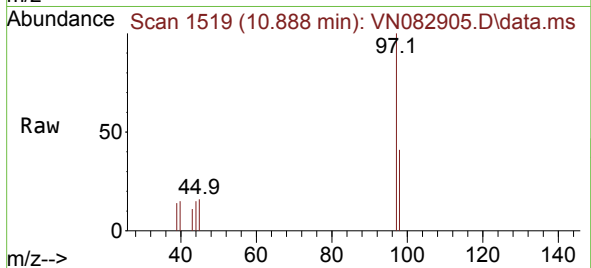
Ion Ratio Lower Upper

97 100

83 0.0 71.4 107.0#

85 0.0 45.8 68.6#

99 0.0 52.0 78.0#



#56

Ethyl methacrylate

Concen: 0.478 ug/l

RT: 10.982 min Scan# 1535

Delta R.T. 0.106 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

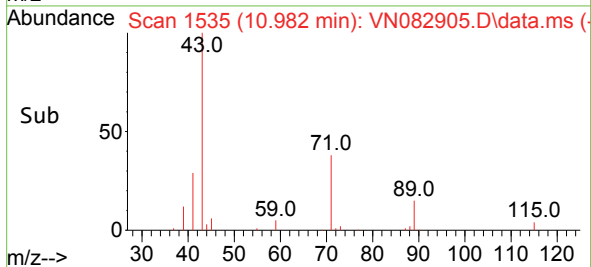
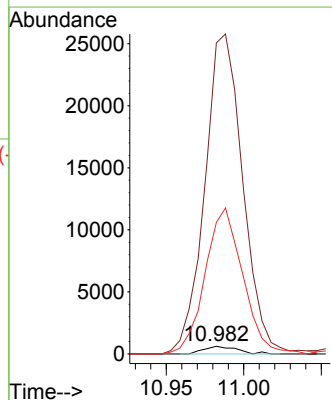
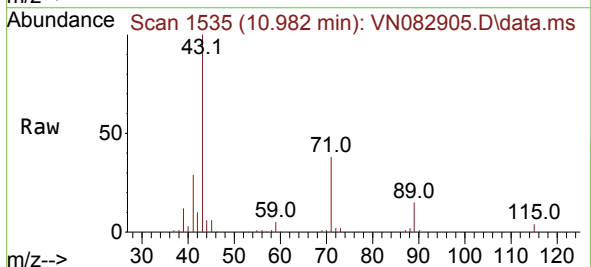
Tgt Ion: 69 Resp: 936

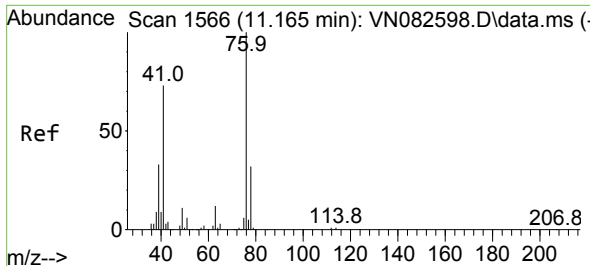
Ion Ratio Lower Upper

69 100

41 4713.8 63.4 95.2#

39 2126.3 37.4 56.0#

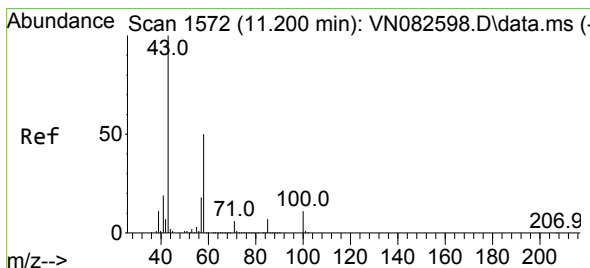
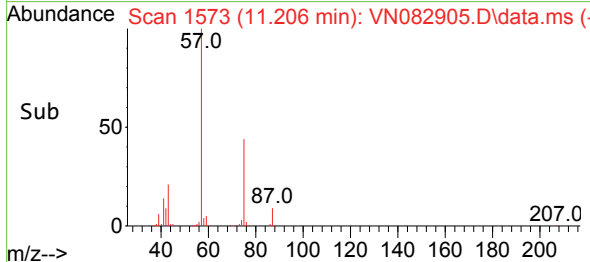
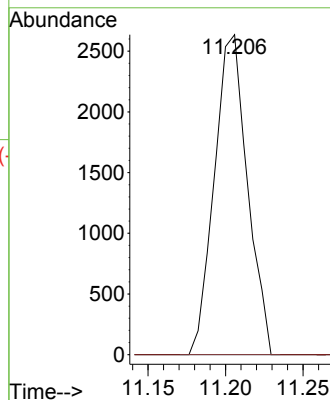
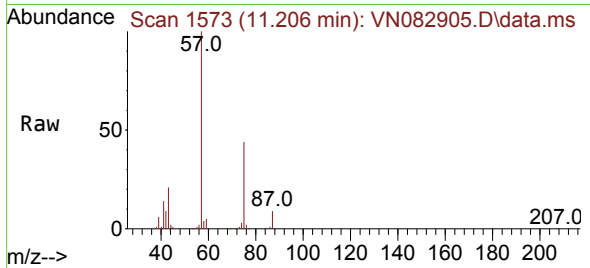




#57
1,3-Dichloropropane
Concen: 1.754 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

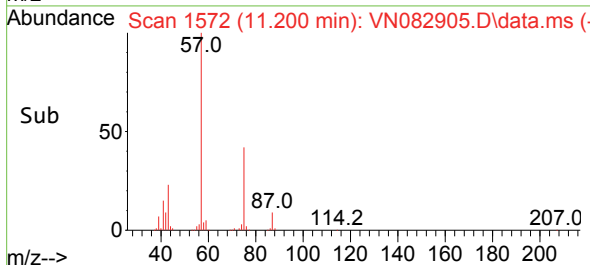
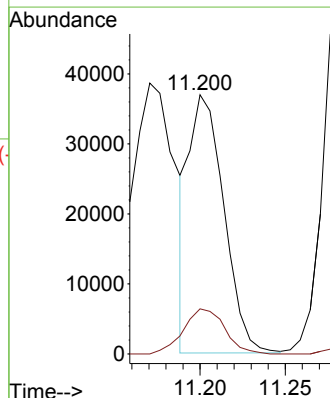
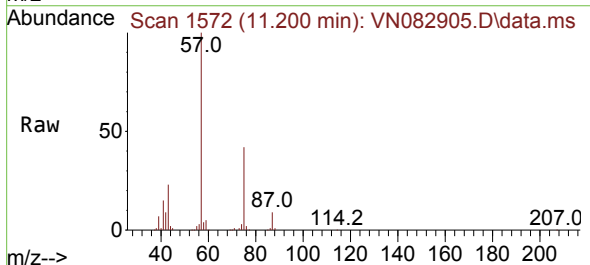
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

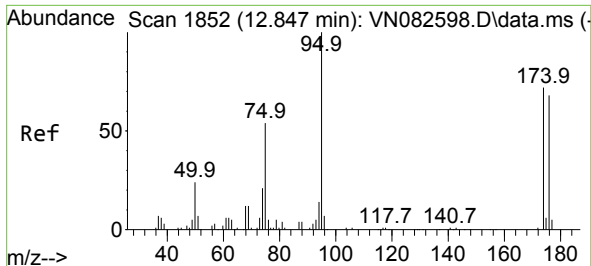
Tgt Ion: 76 Resp: 3910
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 39.215 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 43 Resp: 52447
Ion Ratio Lower Upper
43 100
58 20.7 24.6 73.8#

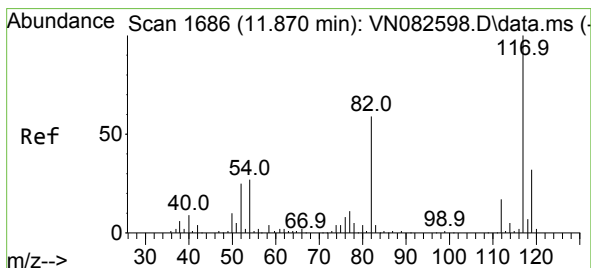
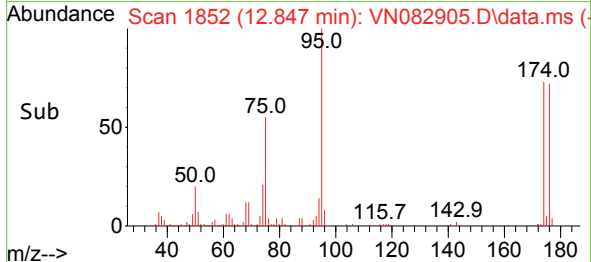
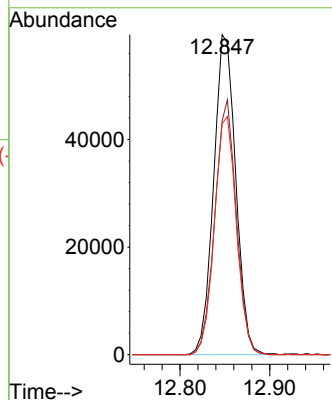
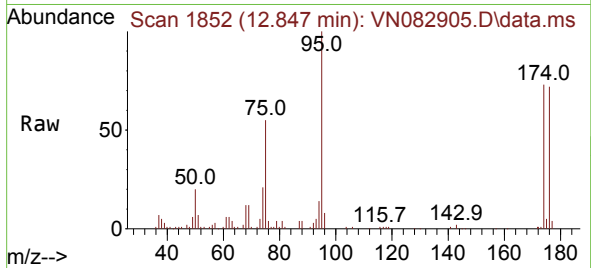




#62
4-Bromofluorobenzene
Concen: 59.402 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

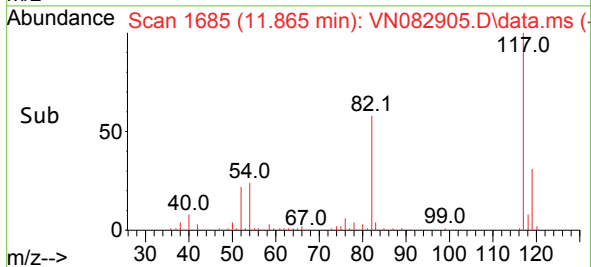
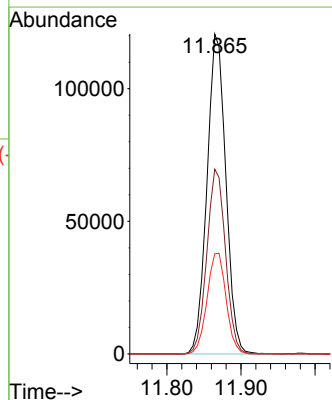
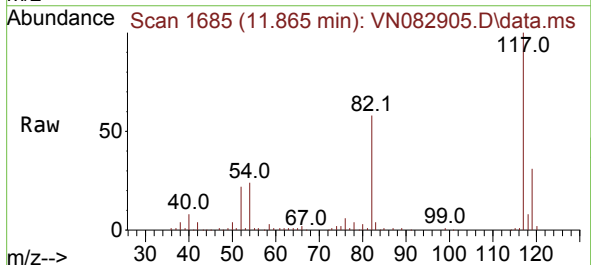
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

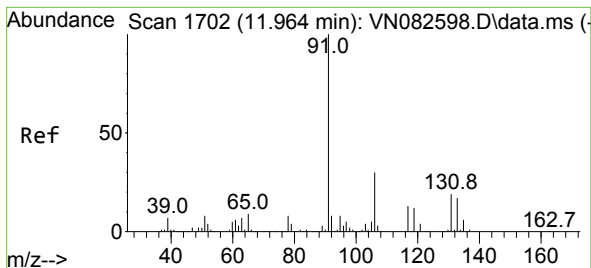
Tgt Ion: 95 Resp: 101876
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.2
176 73.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 117 Resp: 212913
Ion Ratio Lower Upper
117 100
82 57.8 47.5 71.3
119 31.3 25.6 38.4





#67

Ethyl Benzene

Concen: 11.378 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

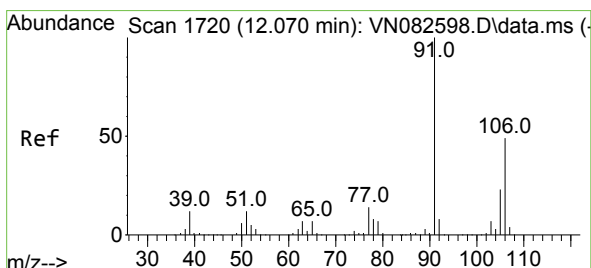
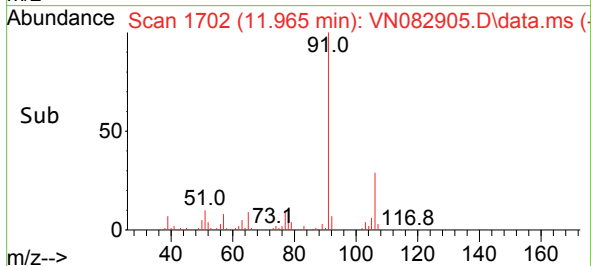
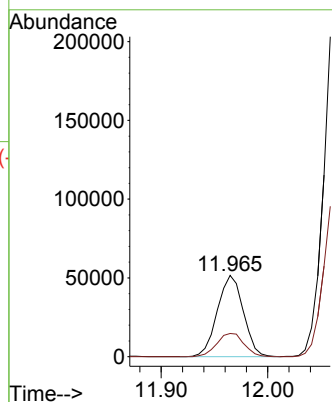
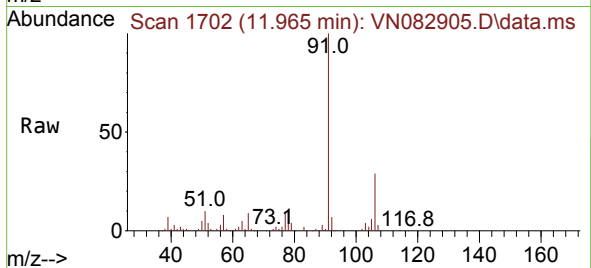
380AVEC-23

Tgt Ion: 91 Resp: 87249

Ion Ratio Lower Upper

91 100

106 28.6 24.0 36.0



#68

m/p-Xylenes

Concen: 84.778 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082905.D

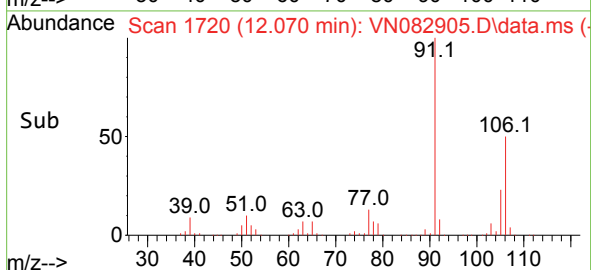
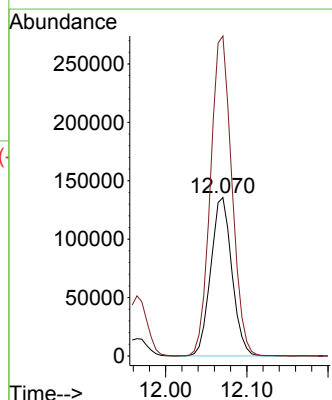
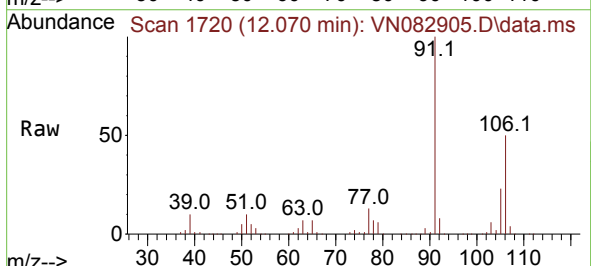
Acq: 12 Jul 2024 17:29

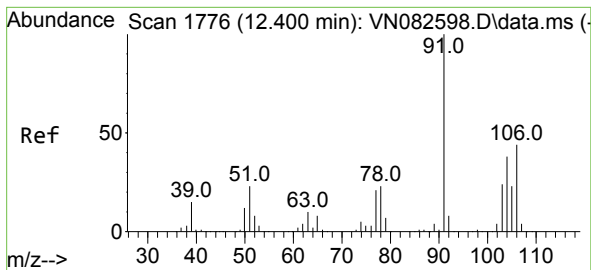
Tgt Ion:106 Resp: 245430

Ion Ratio Lower Upper

106 100

91 204.5 166.1 249.1





#69

o-Xylene

Concen: 92.145 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

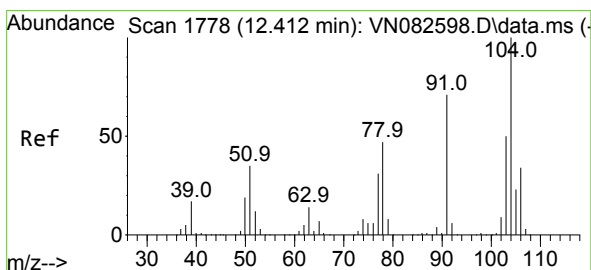
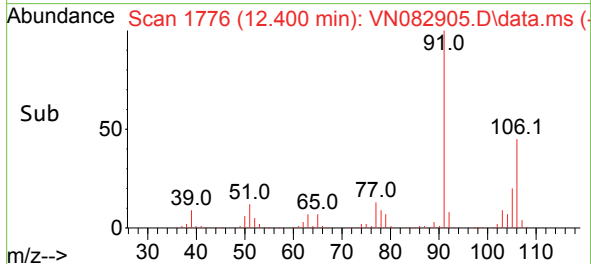
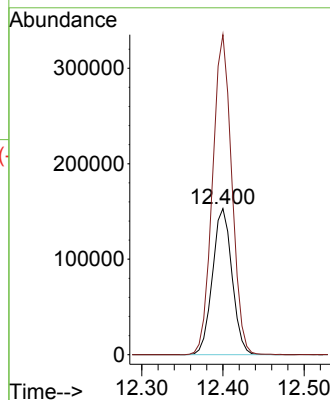
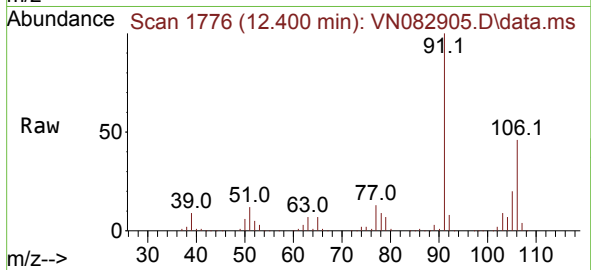
380AVEC-23

Tgt Ion:106 Resp: 255600

Ion Ratio Lower Upper

106 100

91 216.1 111.3 333.9



#70

Styrene

Concen: 13.177 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

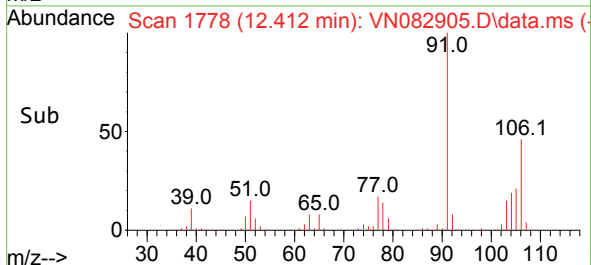
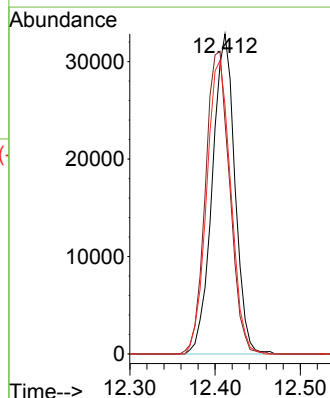
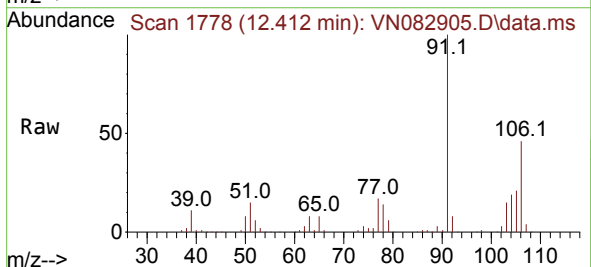
Tgt Ion:104 Resp: 60394

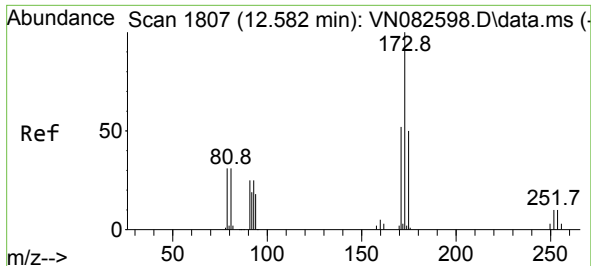
Ion Ratio Lower Upper

104 100

78 101.2 41.6 62.4#

103 98.3 44.0 66.0#

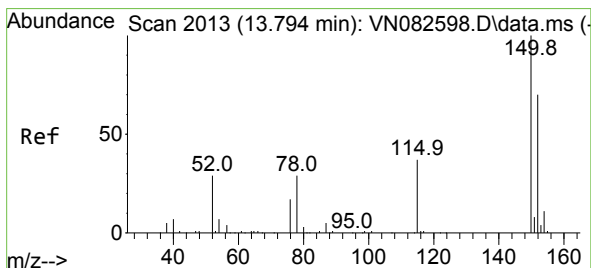
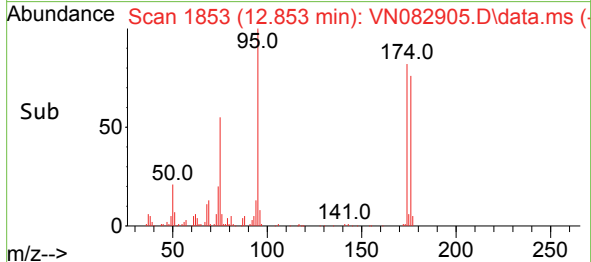
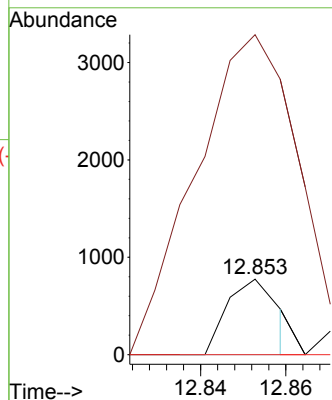
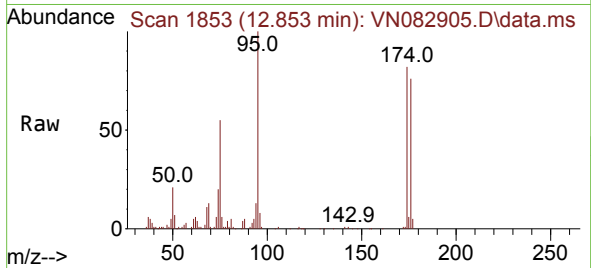




#71
Bromoform
Concen: 0.507 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

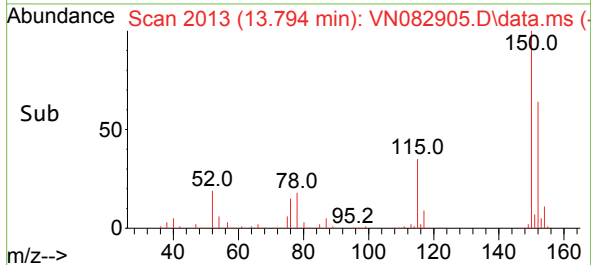
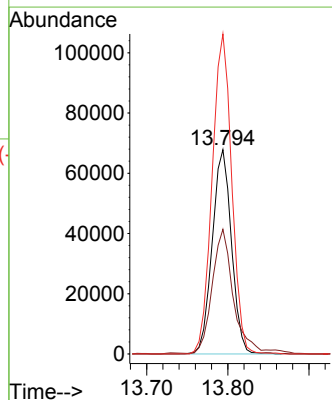
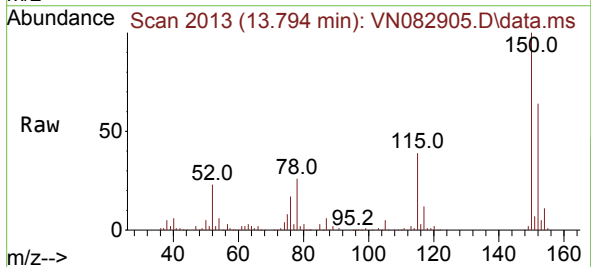
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

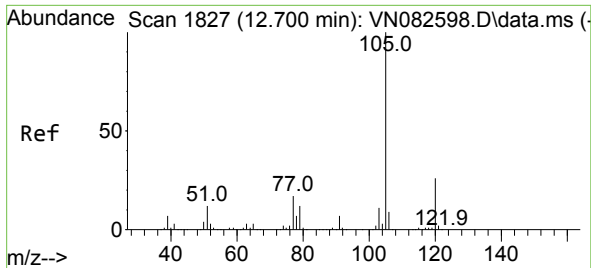
Tgt Ion:173 Resp: 647
Ion Ratio Lower Upper
173 100
175 730.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion:152 Resp: 111673
Ion Ratio Lower Upper
152 100
115 68.6 30.6 91.6
150 159.4 0.0 348.6

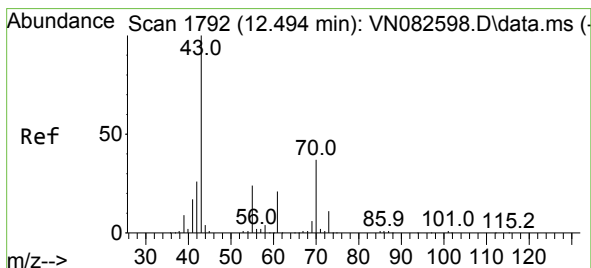
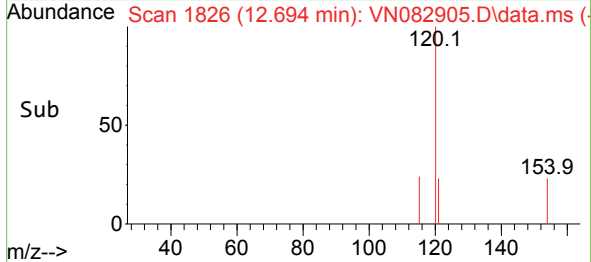
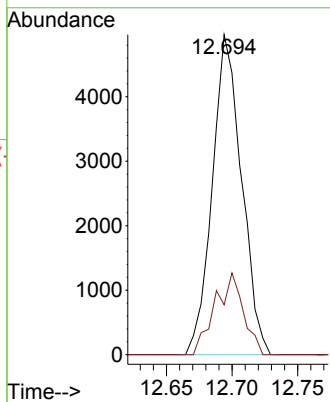
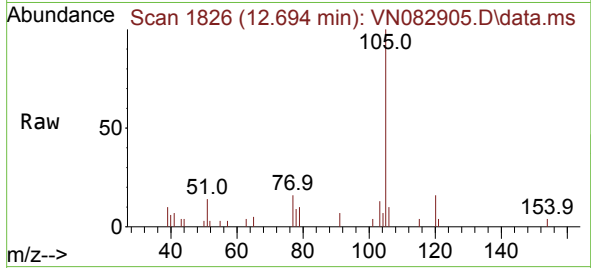




#73
Isopropylbenzene
Concen: 0.948 ug/l
RT: 12.694 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

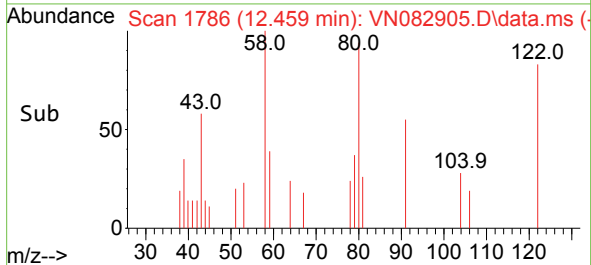
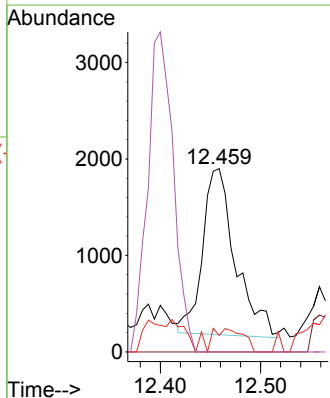
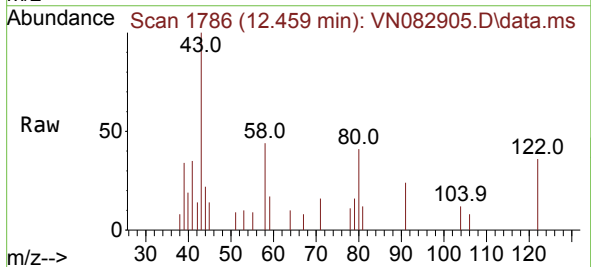
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

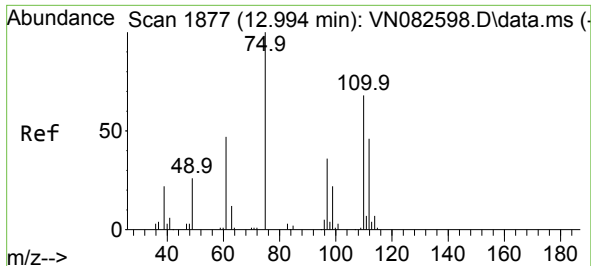
Tgt Ion:105 Resp: 7694
Ion Ratio Lower Upper
105 100
120 24.7 12.9 38.6



#74
N-ethyl acetate
Concen: 1.169 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 43 Resp: 3925
Ion Ratio Lower Upper
43 100
70 0.0 29.8 44.6#
55 14.5 18.7 28.1#
61 0.0 17.4 26.0#

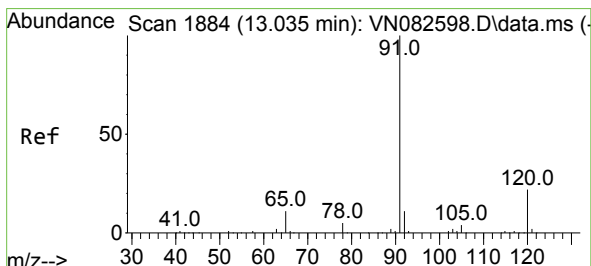
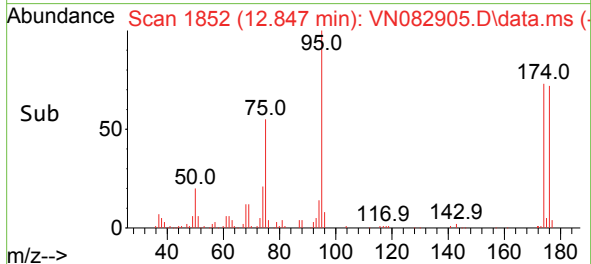
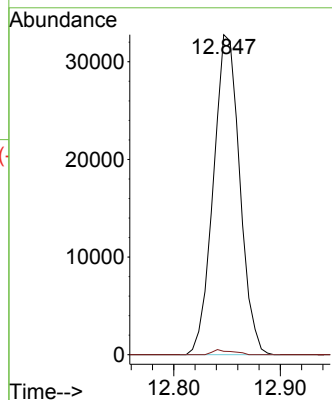
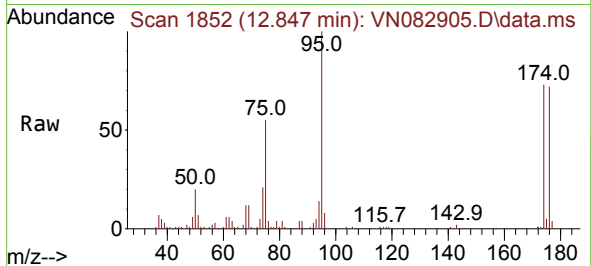




#76
1,2,3-Trichloropropane
Concen: 29.270 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

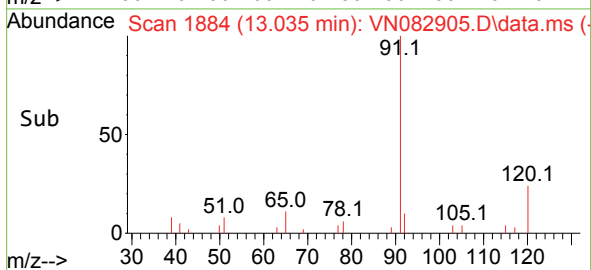
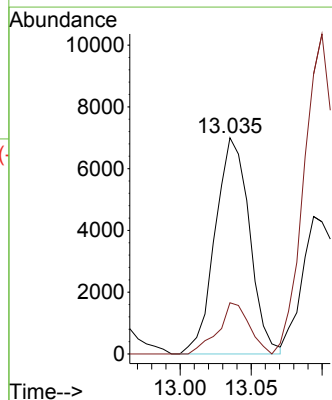
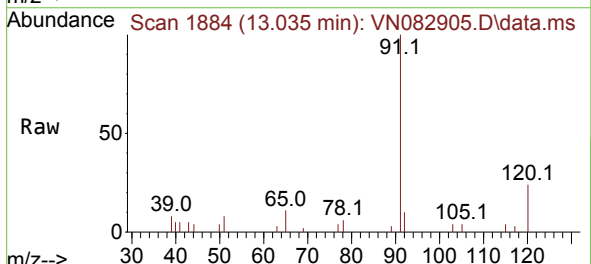
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

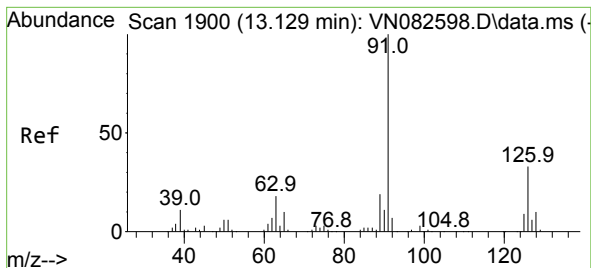
Tgt Ion: 75 Resp: 56354
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#78
n-propylbenzene
Concen: 1.263 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 91 Resp: 11785
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 1.521 ug/l

RT: 13.094 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

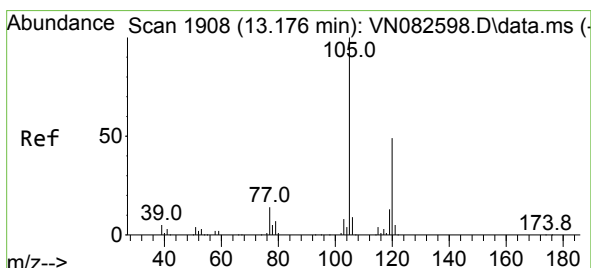
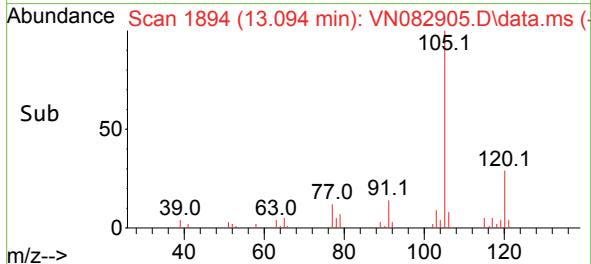
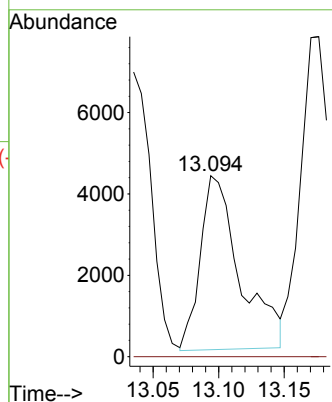
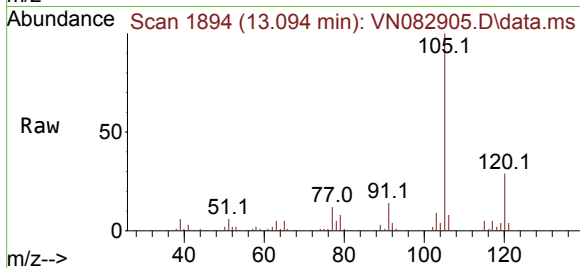
380AVEC-23

Tgt Ion: 91 Resp: 9043

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 17.045 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082905.D

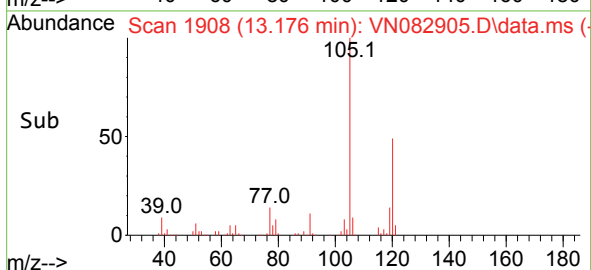
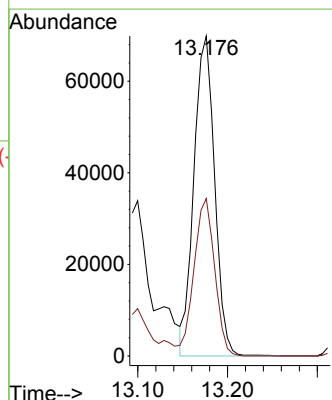
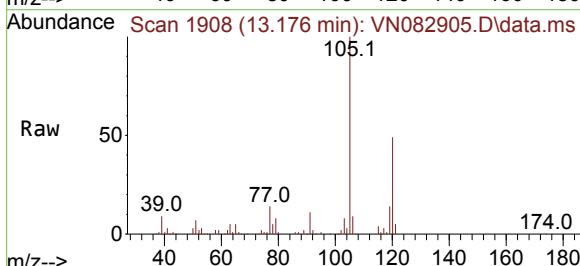
Acq: 12 Jul 2024 17:29

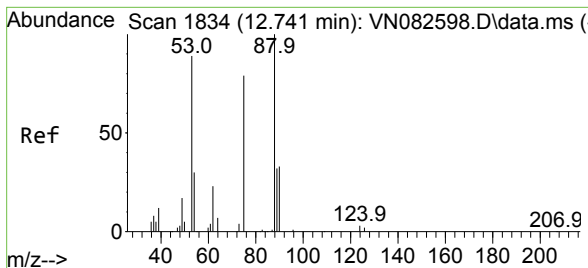
Tgt Ion:105 Resp: 111806

Ion Ratio Lower Upper

105 100

120 49.6 24.3 72.8

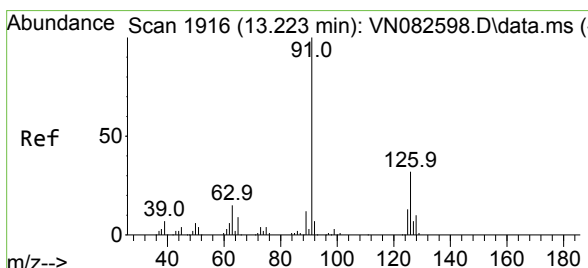
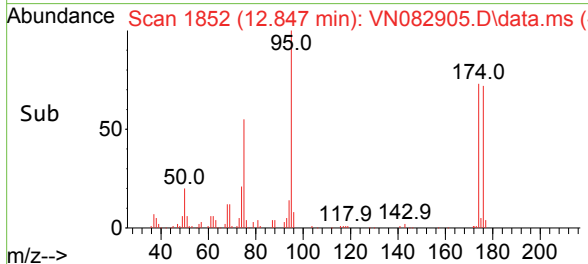
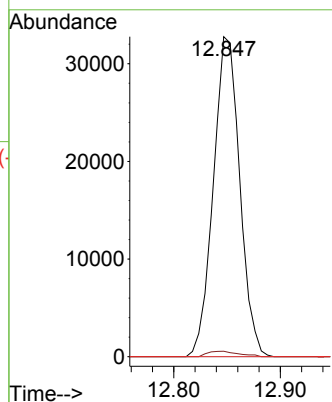
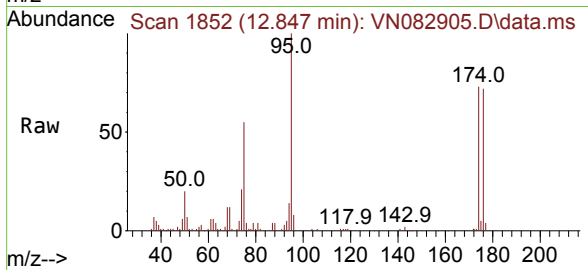




#81
trans-1,4-Dichloro-2-butene
Concen: 57.566 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

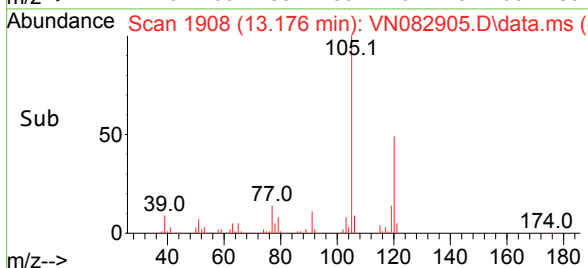
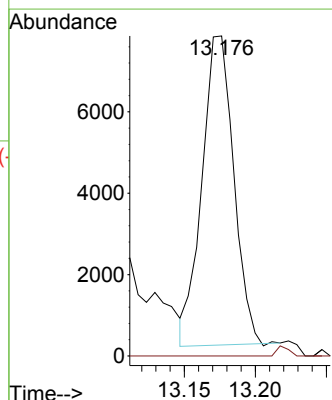
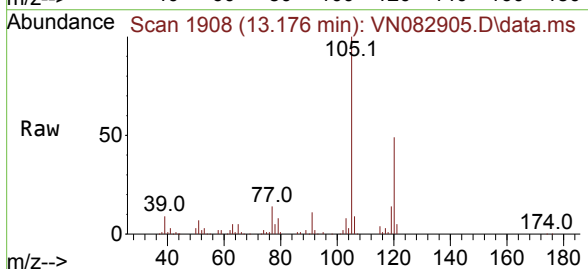
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

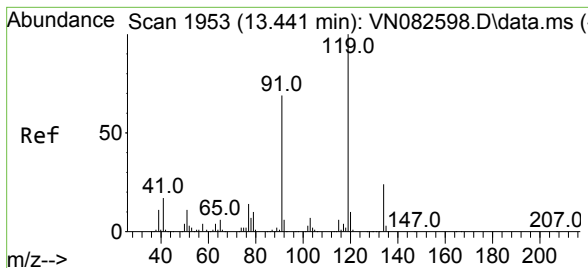
Tgt Ion: 75 Resp: 56354
Ion Ratio Lower Upper
75 100
53 2.0 88.4 132.6#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 2.008 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 91 Resp: 11816
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#





#83

tert-Butylbenzene

Concen: 5.533 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

380AVEC-23

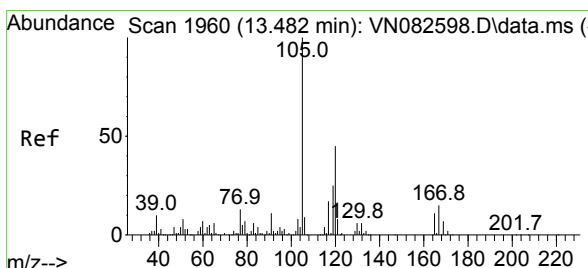
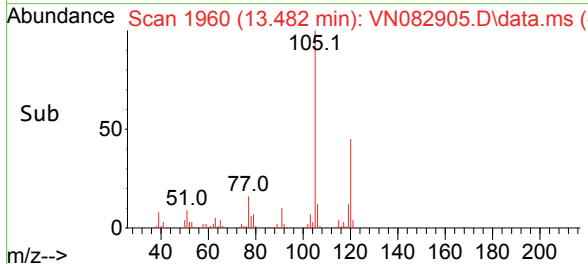
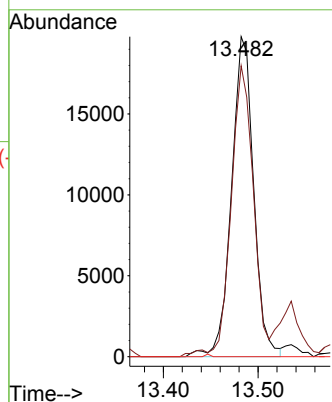
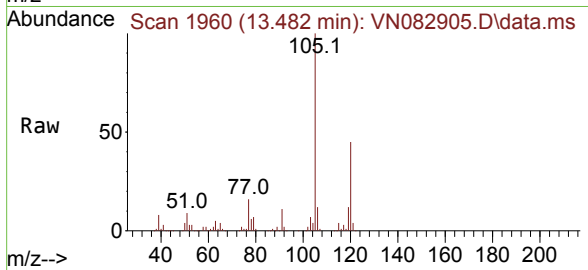
Tgt Ion:119 Resp: 32174

Ion Ratio Lower Upper

119 100

91 91.3 35.0 105.1

134 0.0 13.3 39.8#



#84

1,2,4-Trimethylbenzene

Concen: 44.691 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082905.D

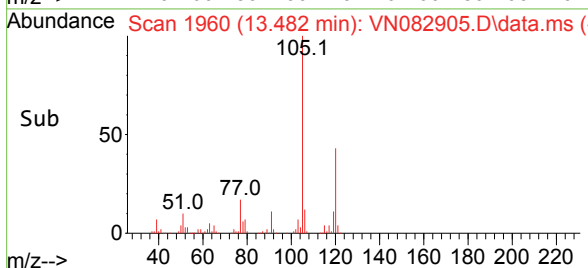
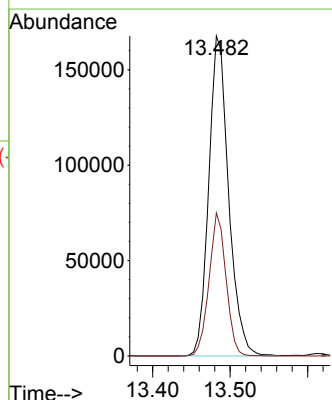
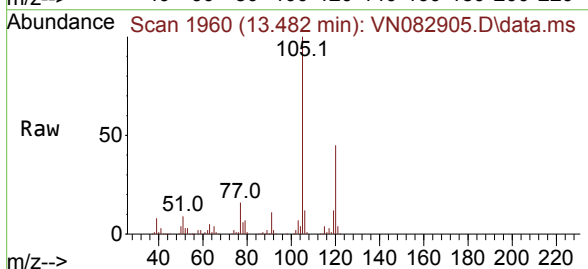
Acq: 12 Jul 2024 17:29

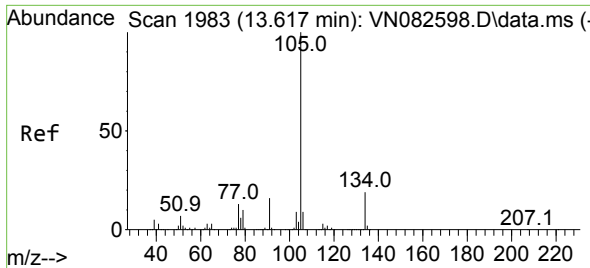
Tgt Ion:105 Resp: 298775

Ion Ratio Lower Upper

105 100

120 38.1 21.9 65.8

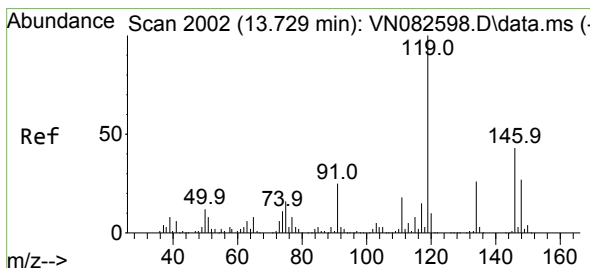
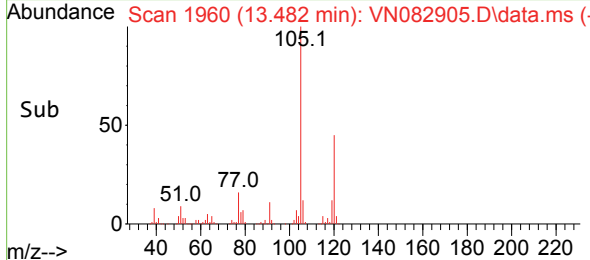
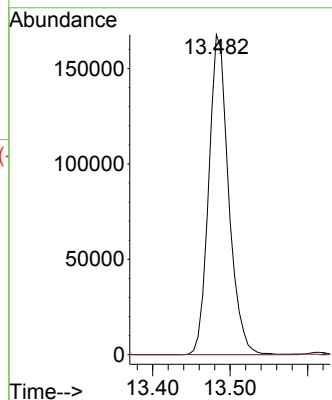
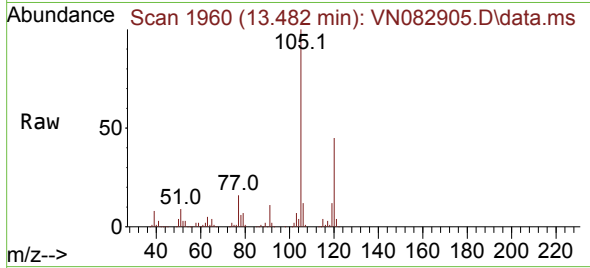




#85
sec-Butylbenzene
Concen: 38.021 ug/l
RT: 13.482 min Scan# 1993
Delta R.T. -0.135 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

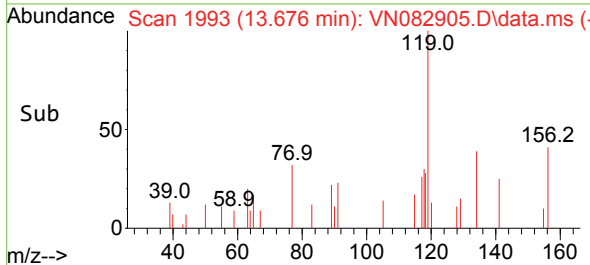
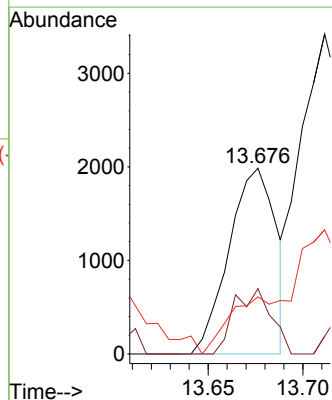
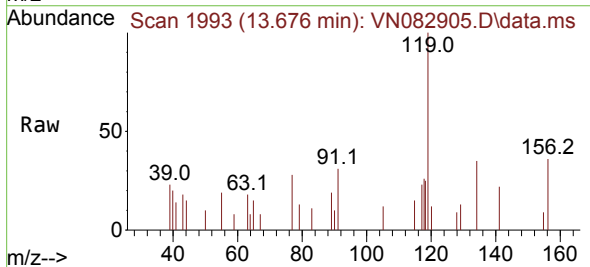
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

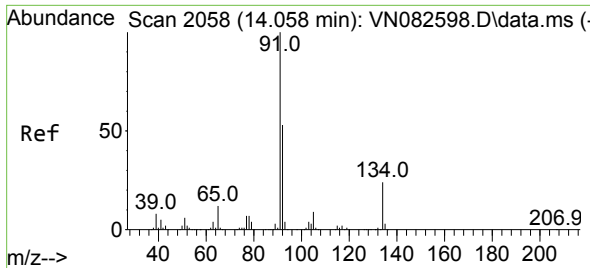
Tgt Ion:105 Resp: 298775
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#



#86
p-Isopropyltoluene
Concen: 0.523 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. -0.053 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion:119 Resp: 3431
Ion Ratio Lower Upper
119 100
134 27.8 13.0 39.0
91 27.2 12.3 36.9

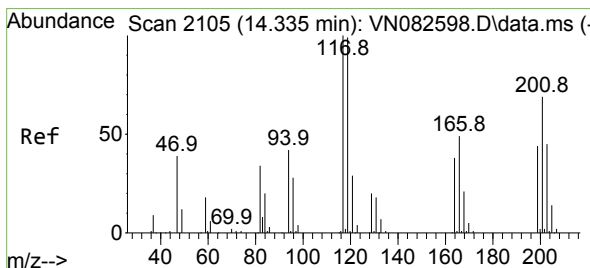
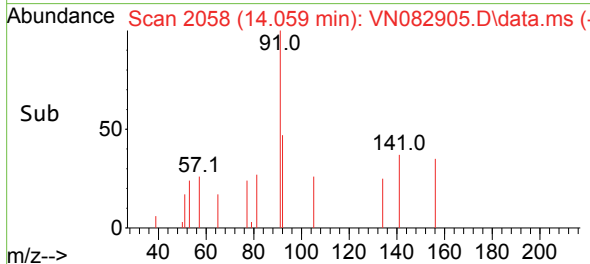
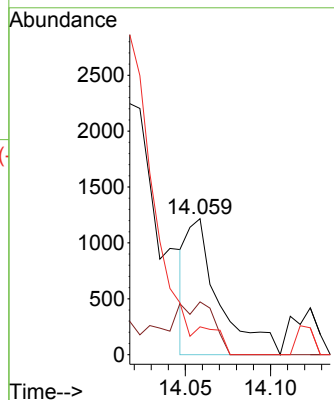
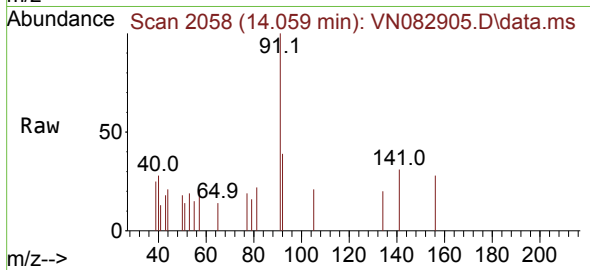




#89
n-Butylbenzene
Concen: 0.284 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

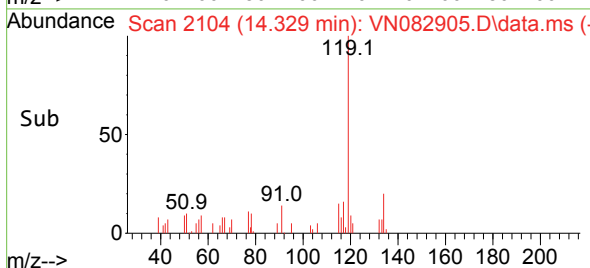
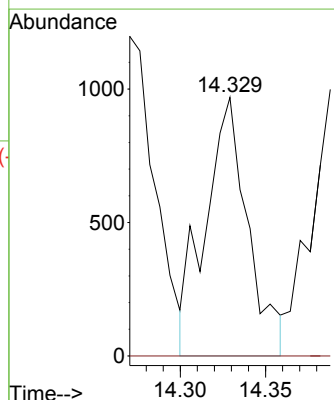
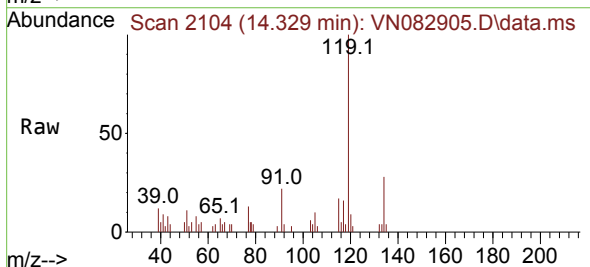
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

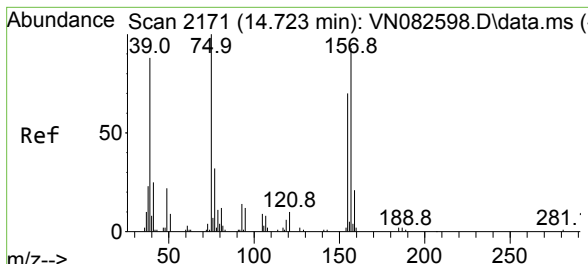
Tgt Ion: 91 Resp: 1598
Ion Ratio Lower Upper
91 100
92 46.4 26.1 78.3
134 0.0 12.1 36.3#



#90
Hexachloroethane
Concen: 1.216 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 117 Resp: 1687
Ion Ratio Lower Upper
117 100
201 0.0 35.8 107.3#



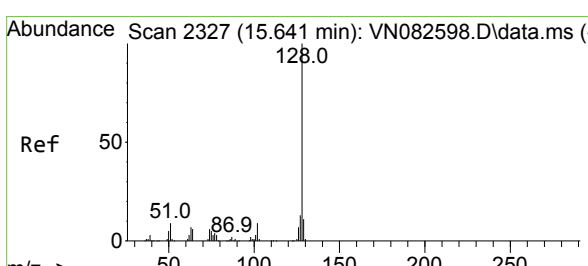
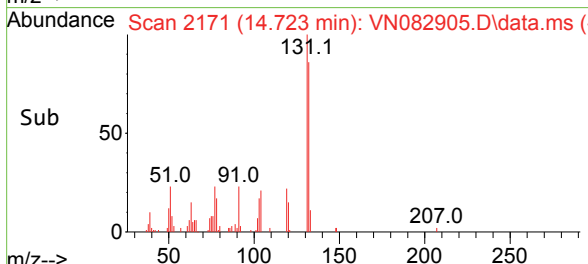
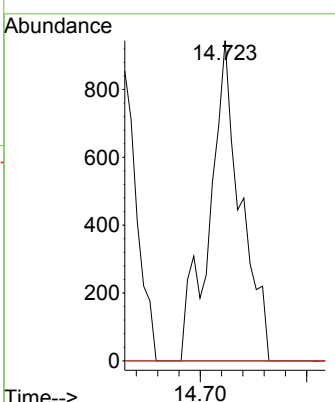
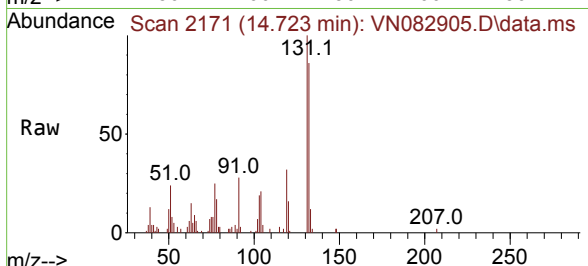


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.417 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN082905.D
 Acq: 12 Jul 2024 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 380AVEC-23

Tgt Ion: 75 Resp: 1921

Ion	Ratio	Lower	Upper
75	100		
155	0.0	36.6	109.8#
157	0.0	46.9	140.6#



#95
 Naphthalene
 Concen: 1780.696 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN082905.D
 Acq: 12 Jul 2024 17:29

Tgt Ion: 128 Resp: 12062779

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.3	8.6	12.8

