

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083250.D
 Acq On : 13 Aug 2024 12:06
 Operator : JC\MD
 Sample : P3429-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 01:40:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	136049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110189	56.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.800%	
35) Dibromofluoromethane	8.165	113	88840	54.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.160%	
50) Toluene-d8	10.565	98	336719	55.456	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.920%	
62) 4-Bromofluorobenzene	12.847	95	140365	59.297	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 118.600%	

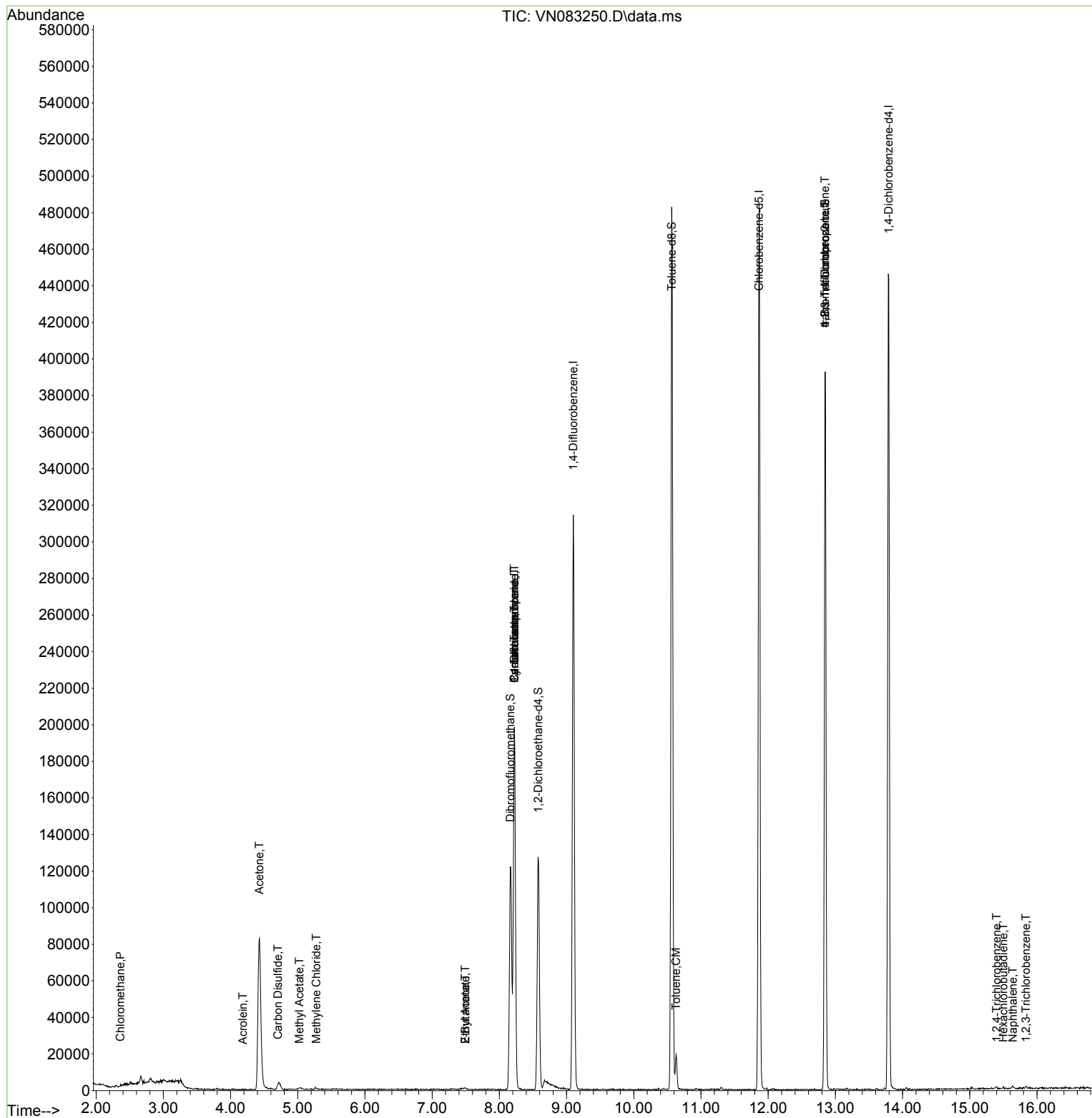
Target Compounds				Qvalue		
3) Chloromethane	2.359	50	693	0.439	ug/l #	43
13) Acrolein	4.183	56	72	0.275	ug/l	86
16) Acetone	4.430	43	160843	212.264	ug/l	94
17) Carbon Disulfide	4.706	76	1585	0.359	ug/l #	75
18) Methyl Acetate	5.024	43	2307	1.022	ug/l #	62
20) Methylene Chloride	5.277	84	481	0.276	ug/l #	29
25) 2-Butanone	7.494	43	2099	1.804	ug/l #	53
31) Cyclohexane	8.224	56	3138	1.093	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11733	4.765	ug/l #	52
37) Ethyl Acetate	7.494	43	2099	0.761	ug/l #	72
38) Carbon Tetrachloride	8.224	117	15525	5.598	ug/l #	16
43) Isopropyl Acetate	8.671	43	5734	Below Cal	#	60
52) Toluene	10.629	92	7899	1.704	ug/l	93
76) 1,2,3-Trichloropropane	12.847	75	76858	28.922	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76858	62.912	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.400	180	513	0.224	ug/l	71
94) Hexachlorobutadiene	15.500	225	273	0.267	ug/l #	58
95) Naphthalene	15.641	128	2212	0.272	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.835	180	620	0.273	ug/l #	77

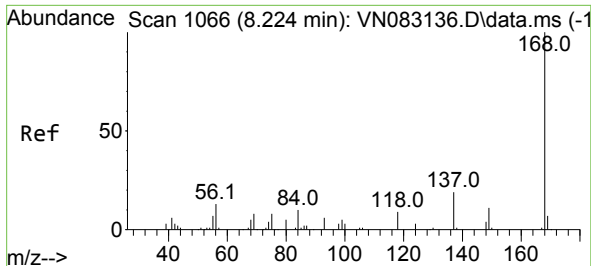
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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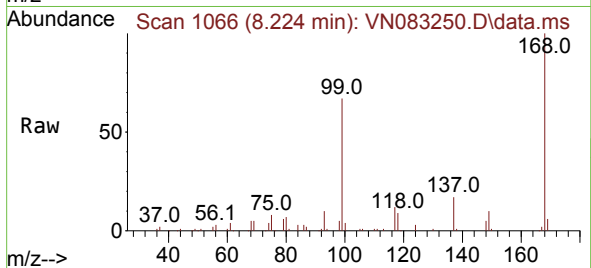
Quant Time: Aug 14 01:40:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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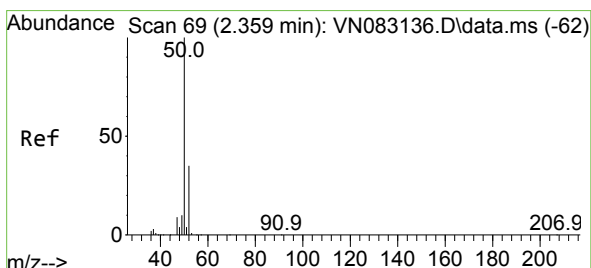
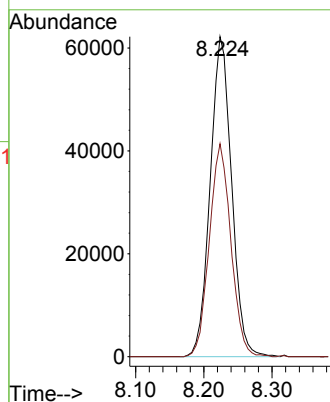
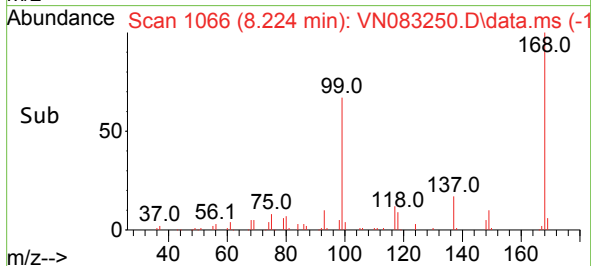


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

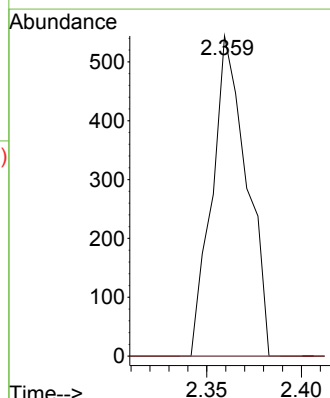
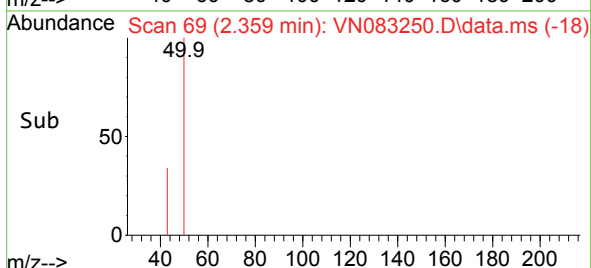
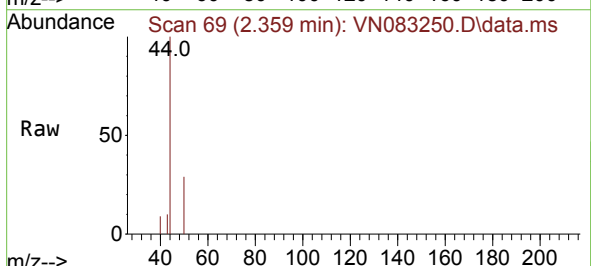


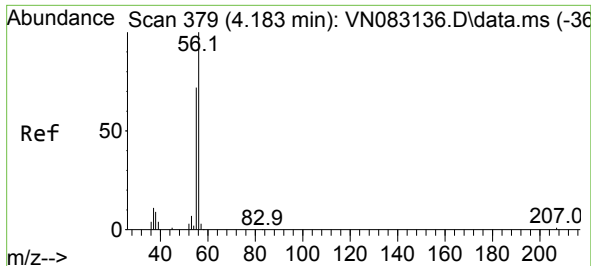
Tgt Ion:168 Resp: 136049
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#3
Chloromethane
Concen: 0.439 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

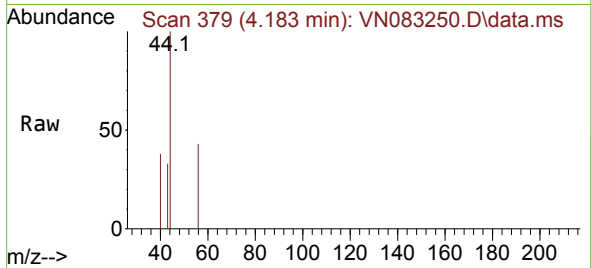
Tgt Ion: 50 Resp: 693
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



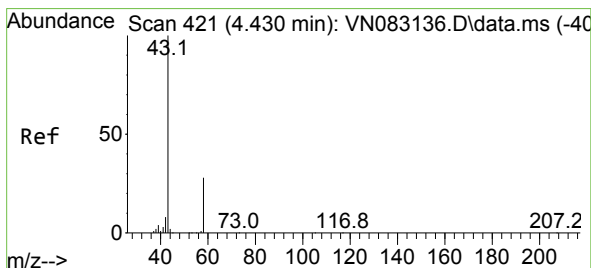
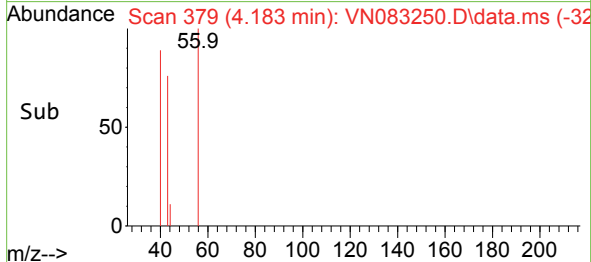
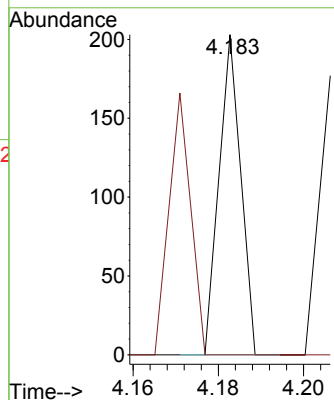


#13
Acrolein
Concen: 0.275 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

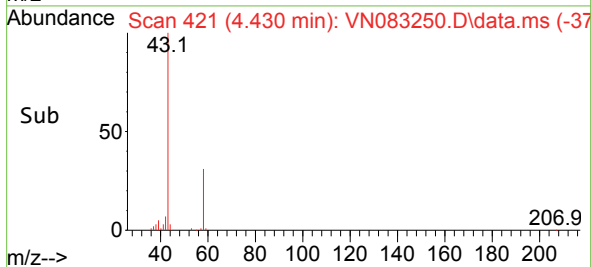
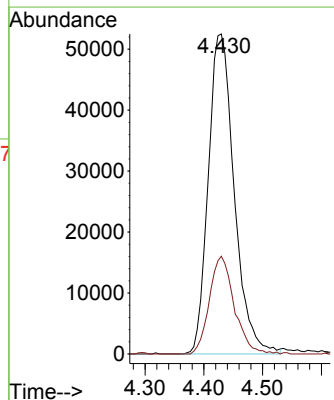
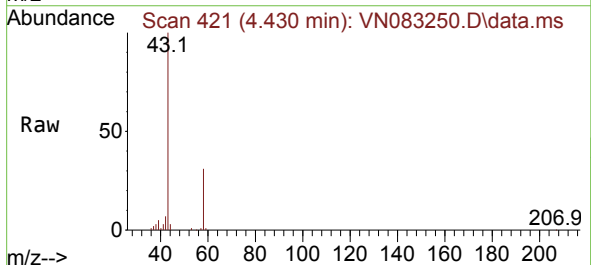


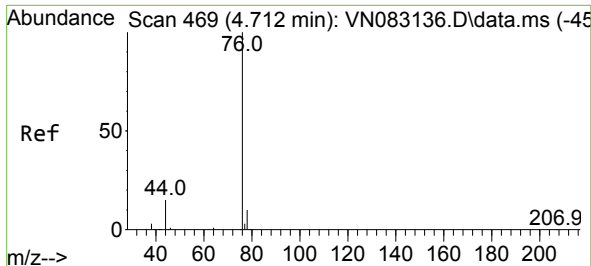
Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 81.9 56.4 84.6



#16
Acetone
Concen: 212.264 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

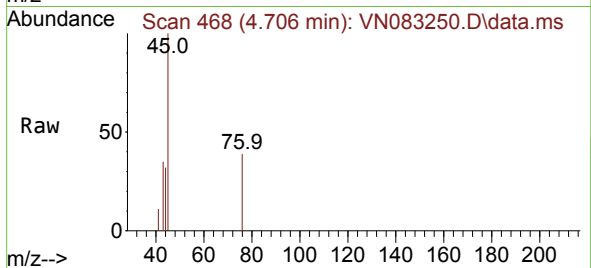
Tgt Ion: 43 Resp: 160843
Ion Ratio Lower Upper
43 100
58 30.5 21.8 32.6



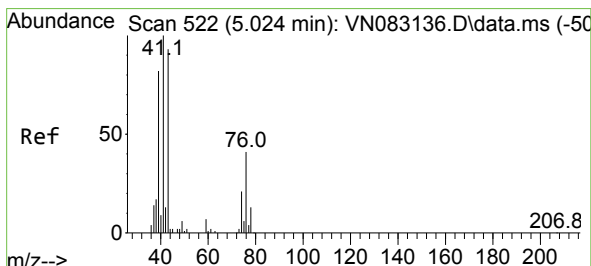
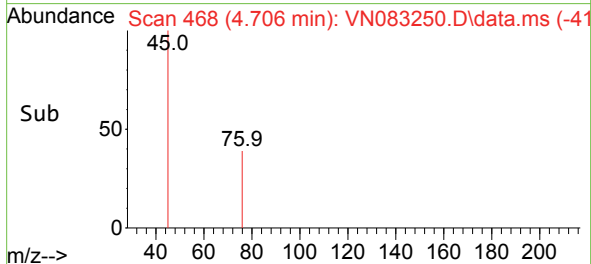
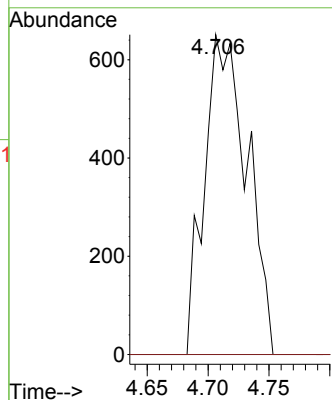


#17
Carbon Disulfide
Concen: 0.359 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

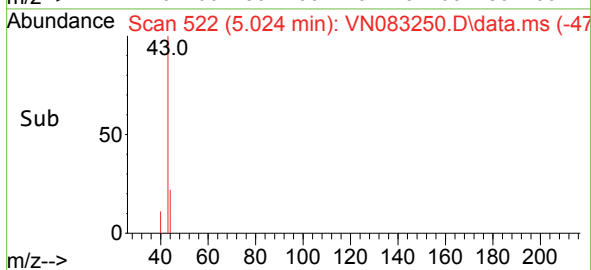
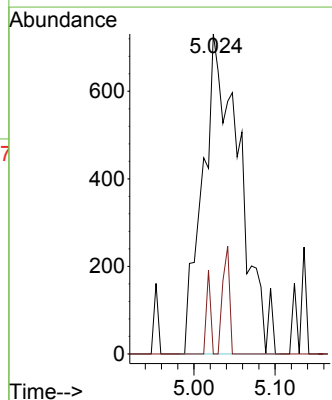
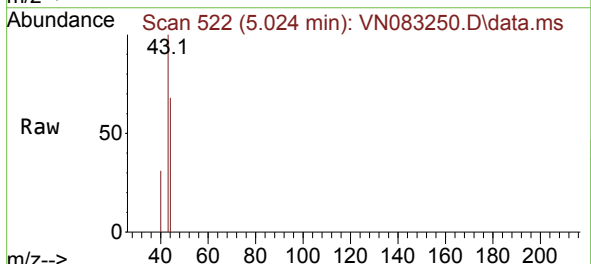


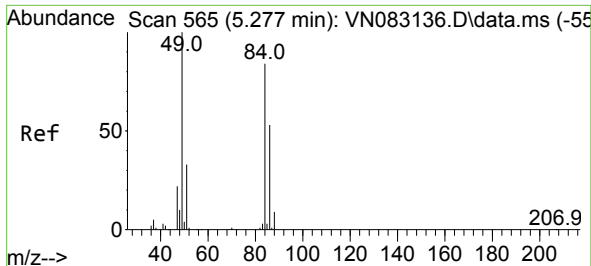
Tgt Ion: 76 Resp: 1585
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.022 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

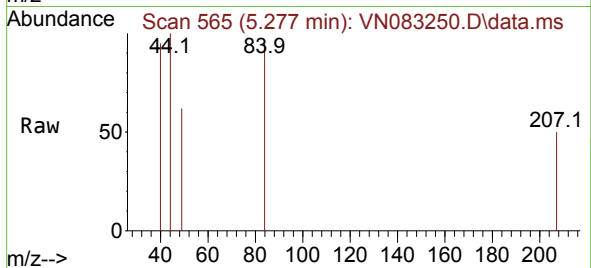
Tgt Ion: 43 Resp: 2307
Ion Ratio Lower Upper
43 100
74 2.9 16.3 24.5#



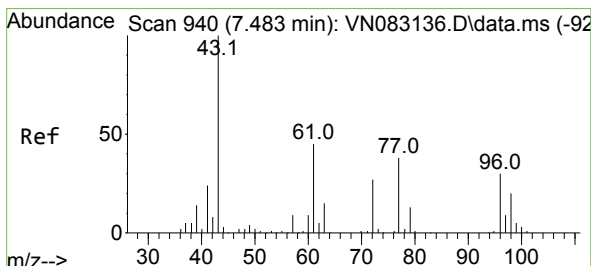
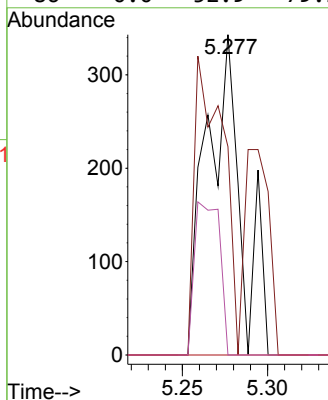
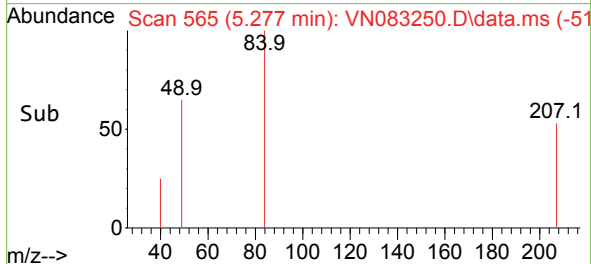


#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 5.277 min Scan# 501
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

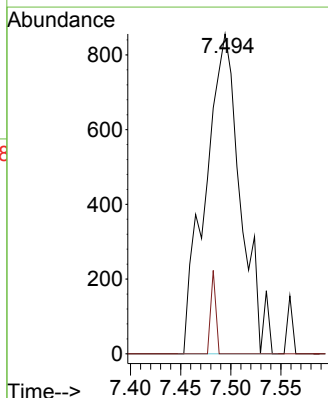
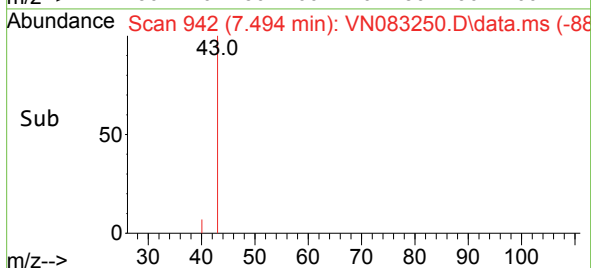
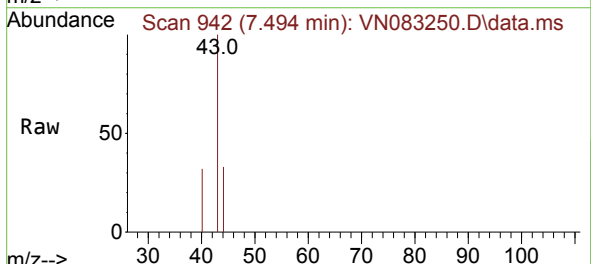


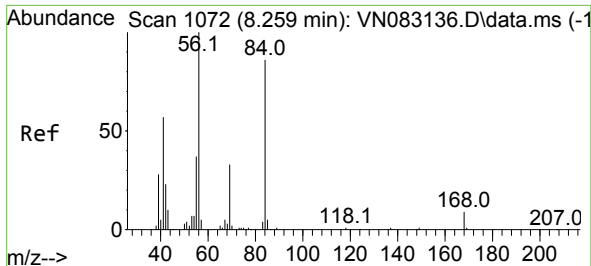
Tgt Ion: 84 Resp: 481
Ion Ratio Lower Upper
84 100
49 65.0 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



#25
2-Butanone
Concen: 1.804 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

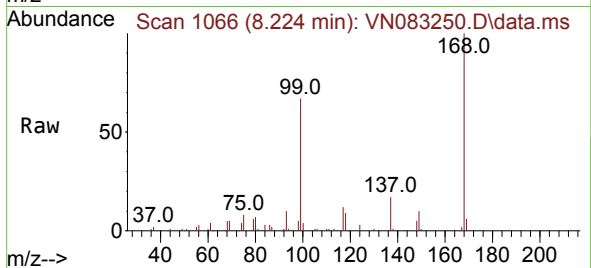
Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



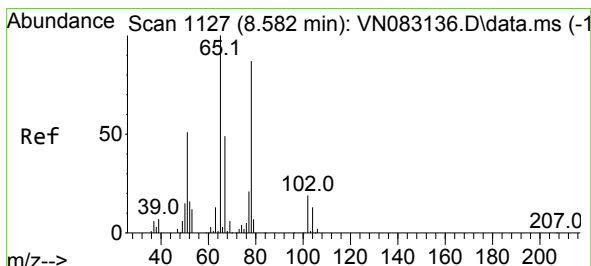
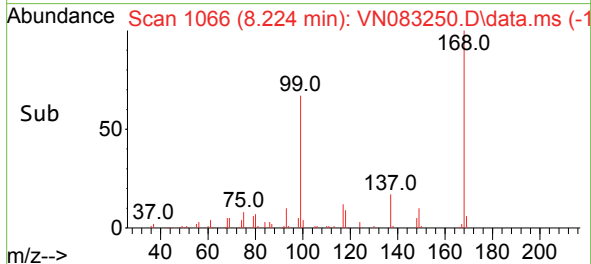
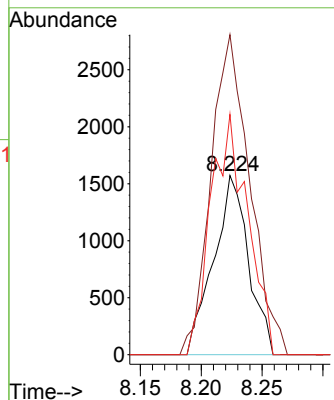


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

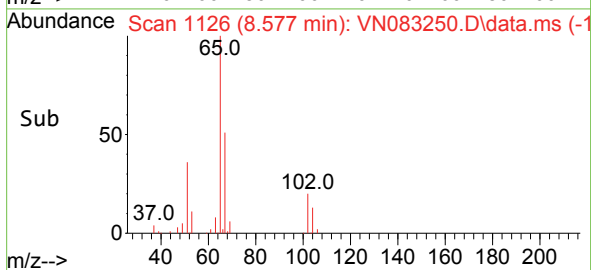
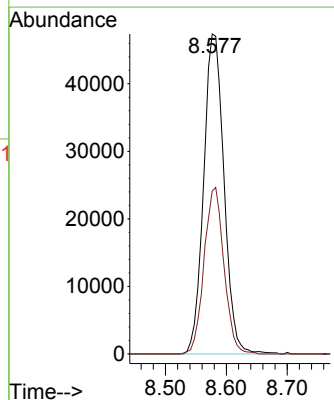
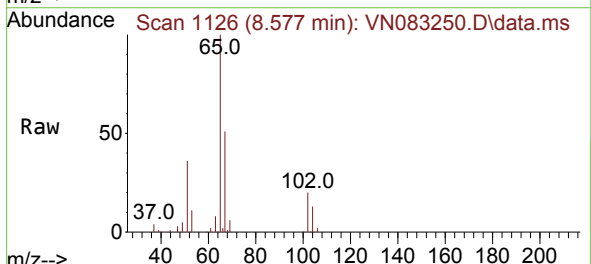


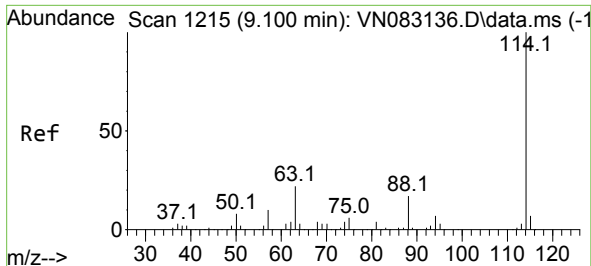
Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 178.6 24.5 36.7#
84 134.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.901 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

Tgt Ion: 65 Resp: 110189
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4

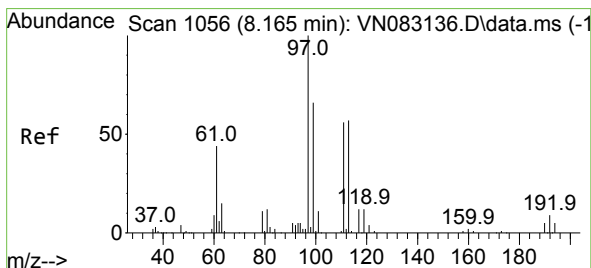
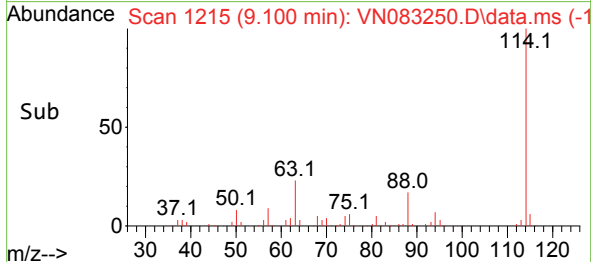
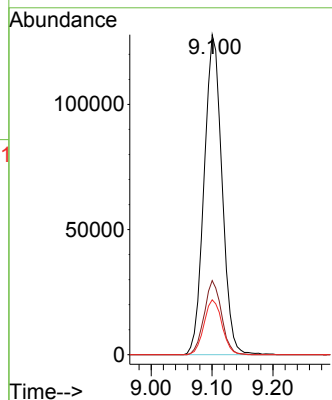
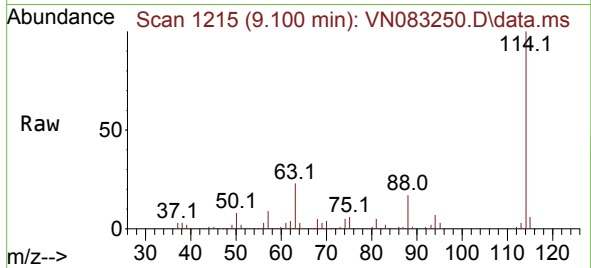




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

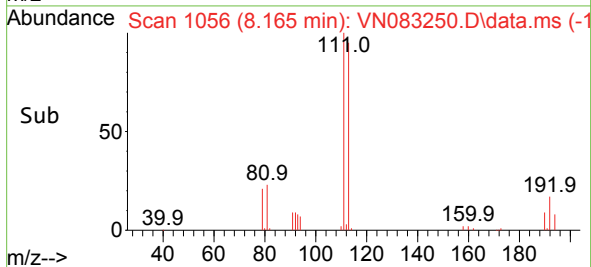
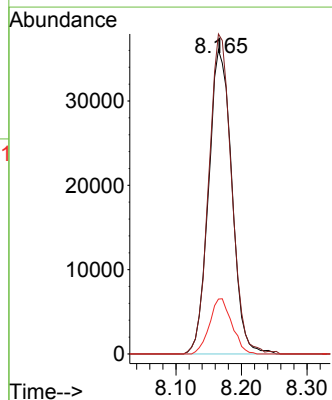
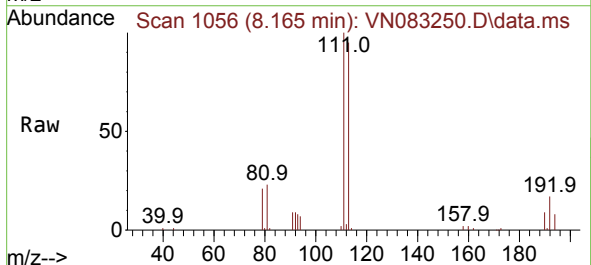
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MSVOA_N
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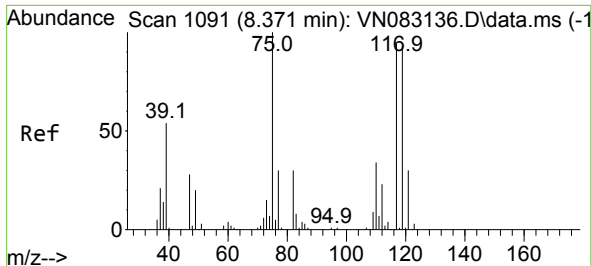
Tgt Ion:114 Resp: 260779
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.6
88 17.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.579 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

Tgt Ion:113 Resp: 88840
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.4 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

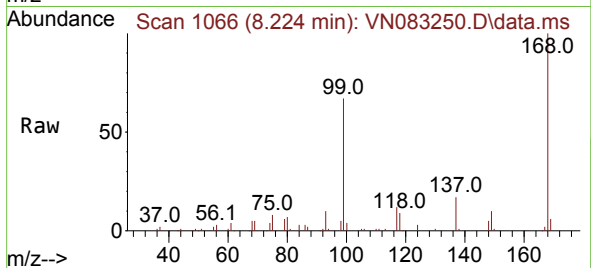
Lab File: VN083250.D

Acq: 13 Aug 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :



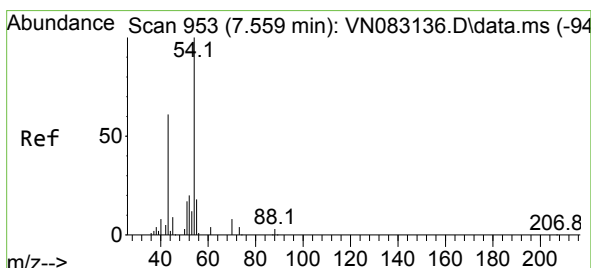
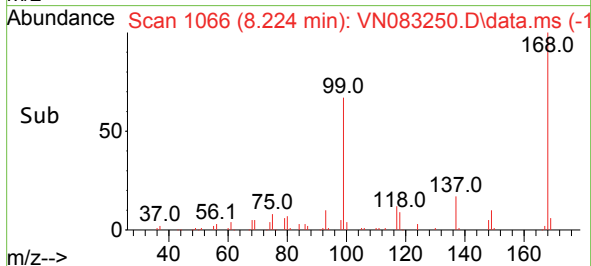
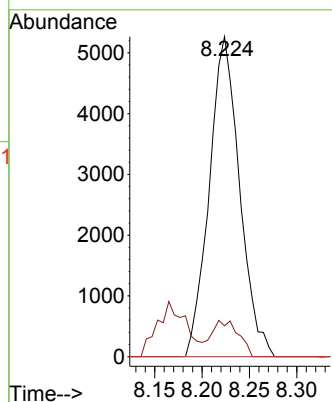
Tgt Ion: 75 Resp: 11733

Ion Ratio Lower Upper

75 100

110 10.0 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.761 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.065 min

Lab File: VN083250.D

Acq: 13 Aug 2024 12:06

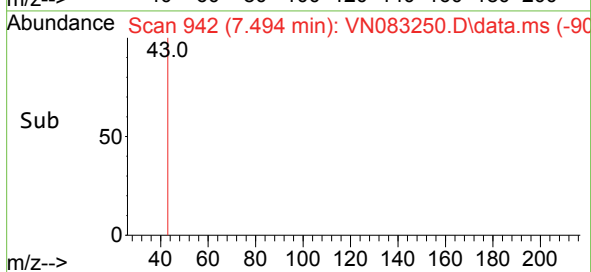
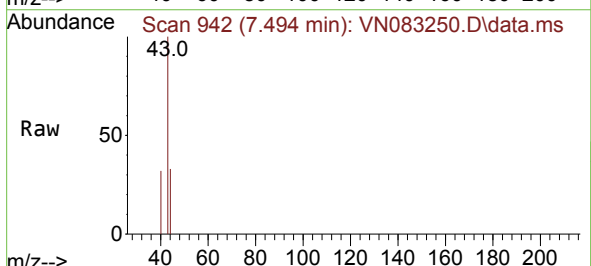
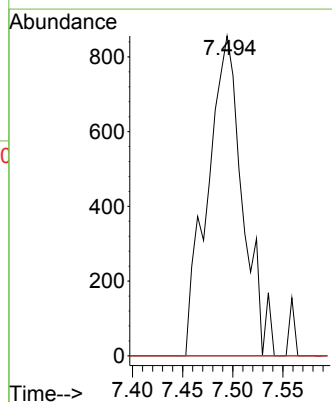
Tgt Ion: 43 Resp: 2099

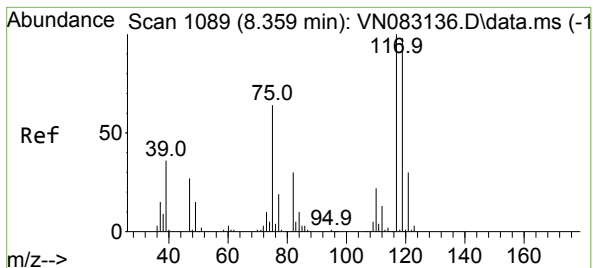
Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.598 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

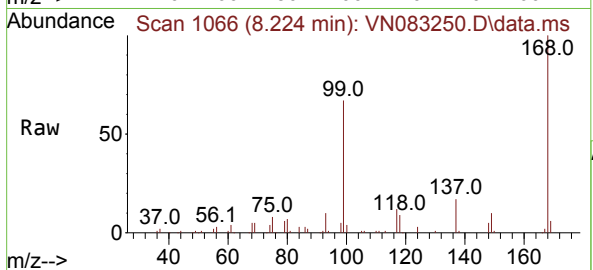
Lab File: VN083250.D

Acq: 13 Aug 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :



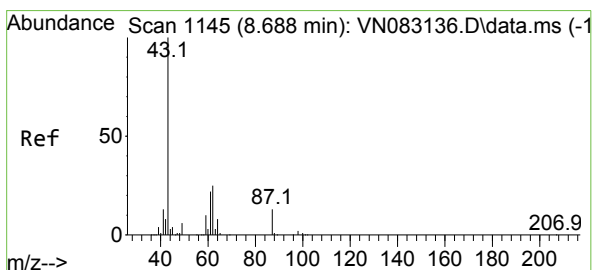
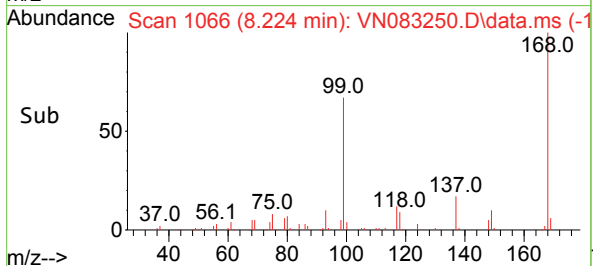
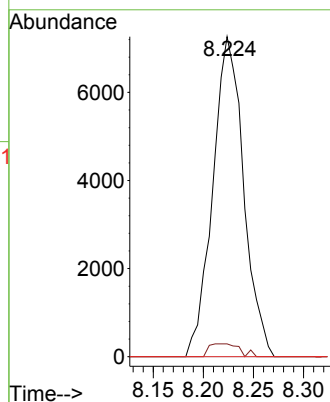
Tgt Ion:117 Resp: 15525

Ion Ratio Lower Upper

117 100

119 4.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.671 min Scan# 1142

Delta R.T. -0.017 min

Lab File: VN083250.D

Acq: 13 Aug 2024 12:06

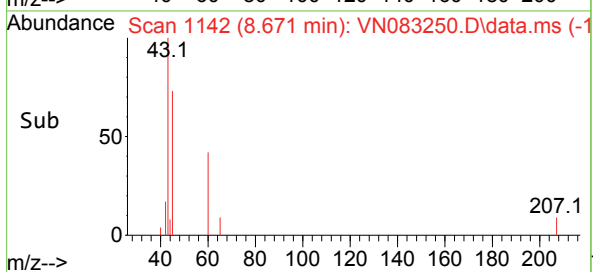
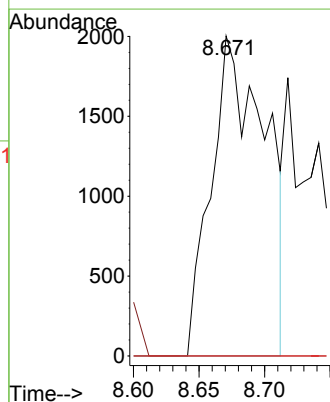
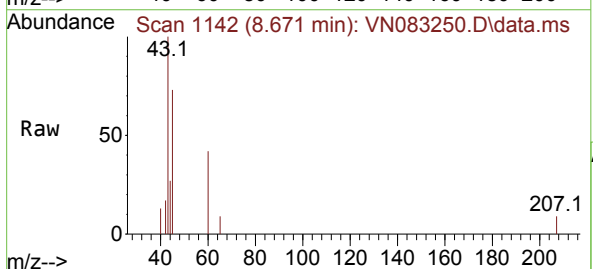
Tgt Ion: 43 Resp: 5734

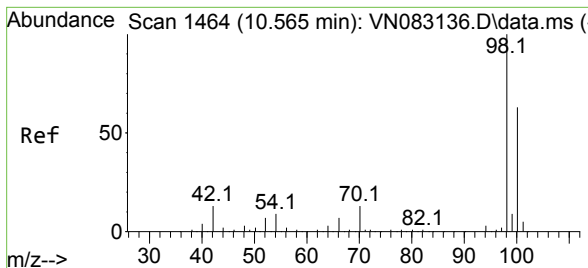
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 55.456 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083250.D

Acq: 13 Aug 2024 12:06

Instrument :

MSVOA_N

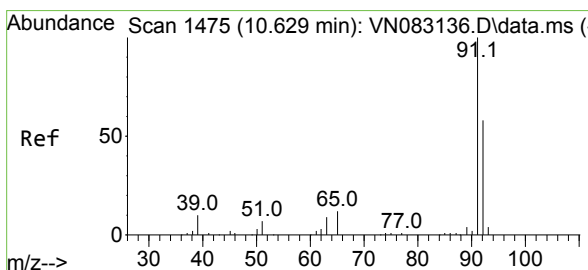
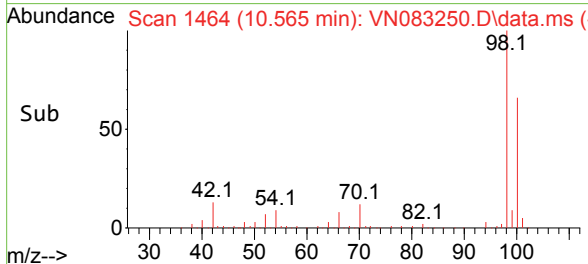
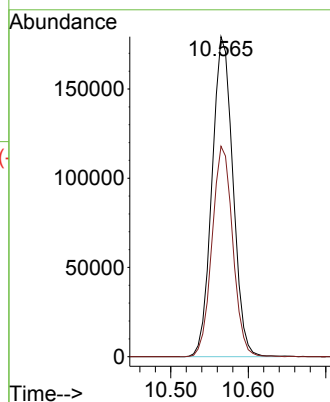
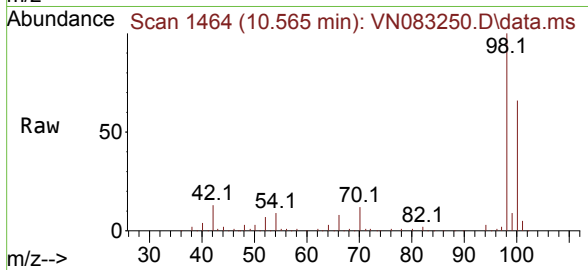
ClientSampleId :

Tgt Ion: 98 Resp: 336719

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#52

Toluene

Concen: 1.704 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083250.D

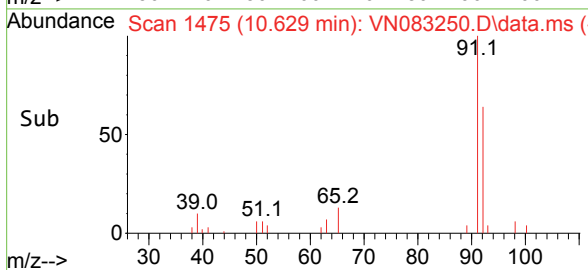
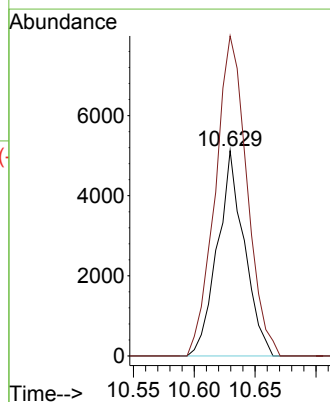
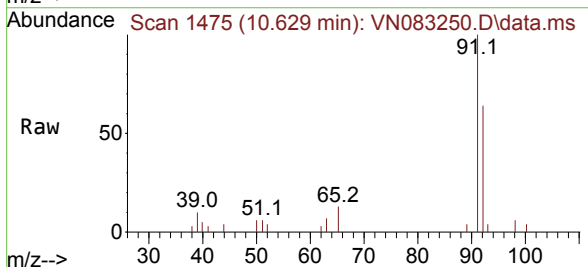
Acq: 13 Aug 2024 12:06

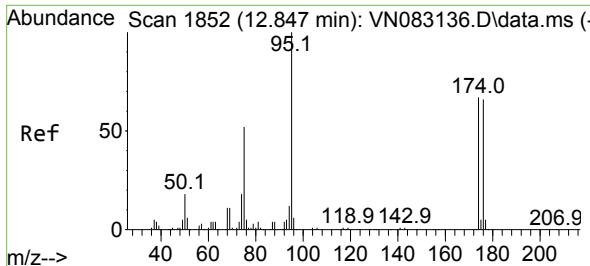
Tgt Ion: 92 Resp: 7899

Ion Ratio Lower Upper

92 100

91 183.4 139.4 209.0

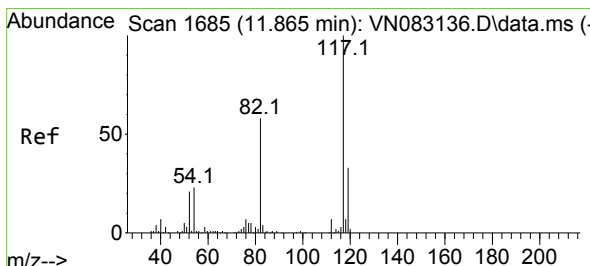
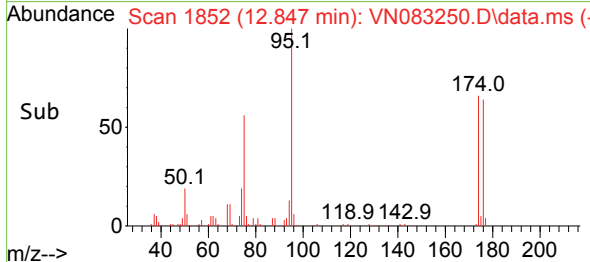
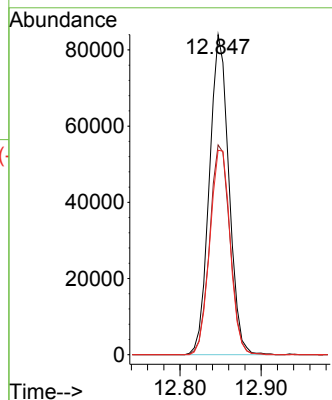
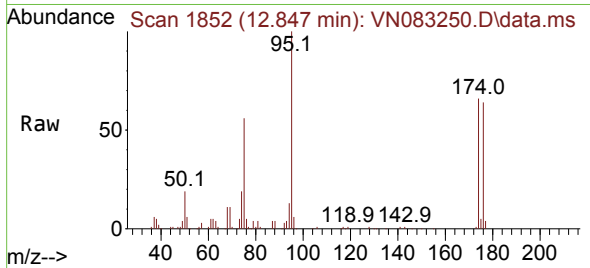




#62
4-Bromofluorobenzene
Concen: 59.297 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

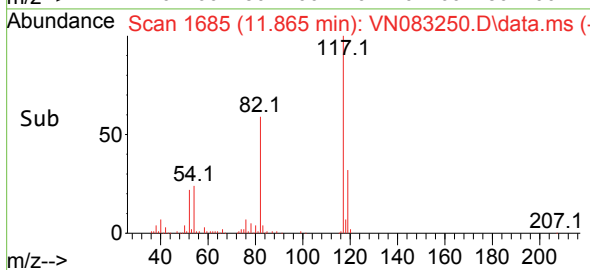
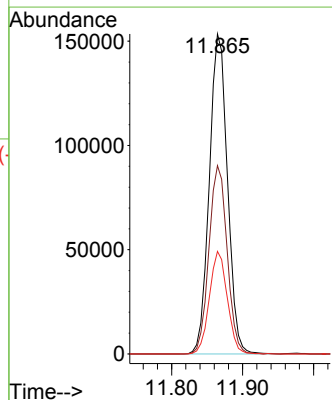
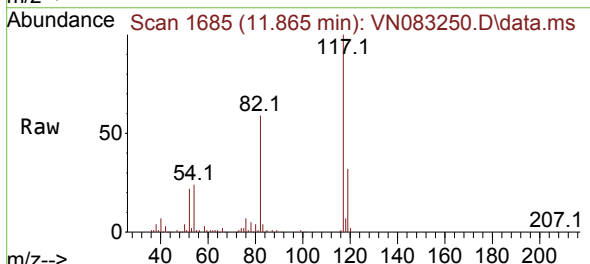
Instrument :
MSVOA_N
ClientSampleId :

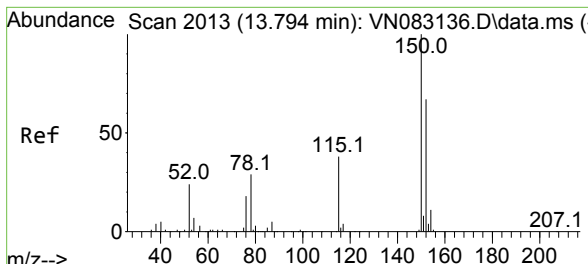
Tgt Ion: 95 Resp: 140365
Ion Ratio Lower Upper
95 100
174 68.2 0.0 159.2
176 66.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

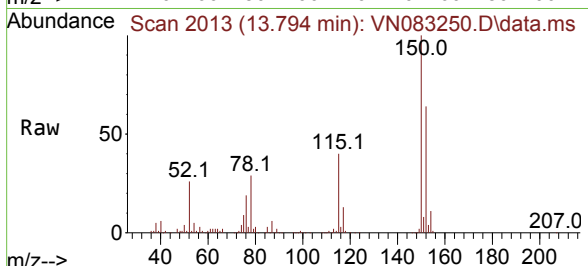
Tgt Ion: 117 Resp: 272432
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 32.1 25.6 38.4



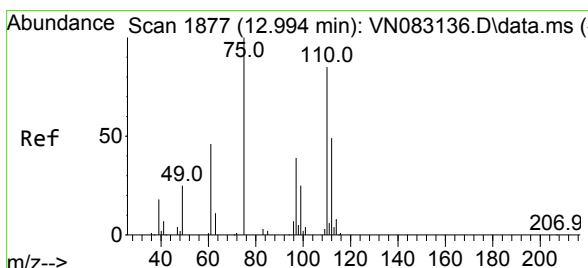
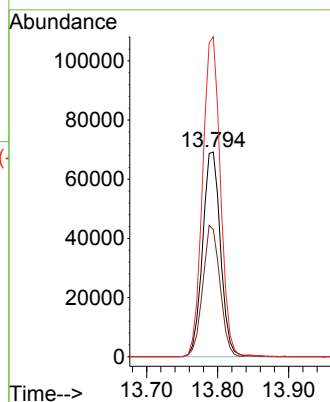
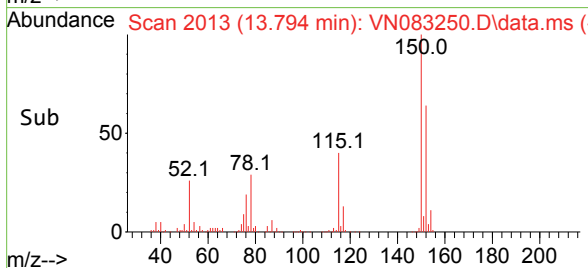


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083250.D
 Acq: 13 Aug 2024 12:06

Instrument :
 MSVOA_N
 ClientSampleId :

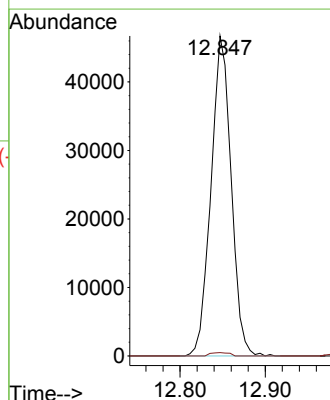
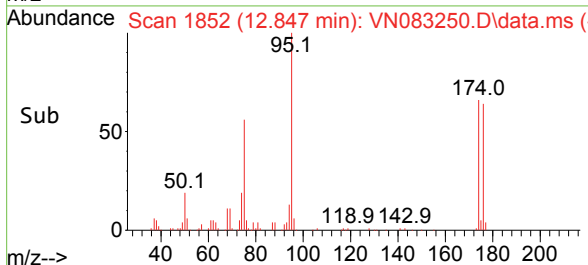
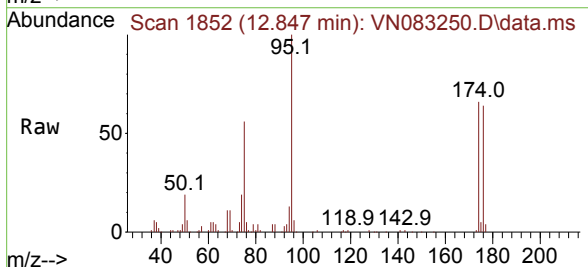


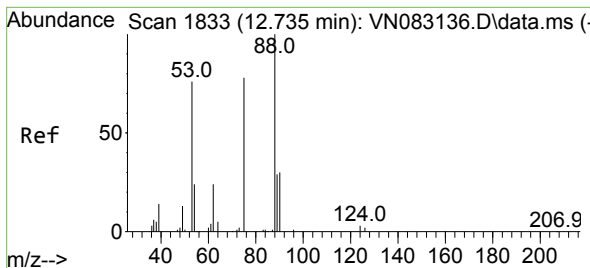
Tgt Ion:152 Resp: 121082
 Ion Ratio Lower Upper
 152 100
 115 62.0 30.6 91.6
 150 155.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.922 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083250.D
 Acq: 13 Aug 2024 12:06

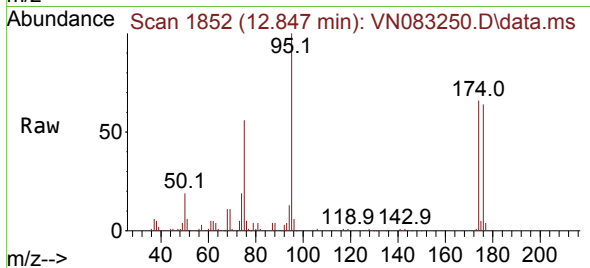
Tgt Ion: 75 Resp: 76858
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#



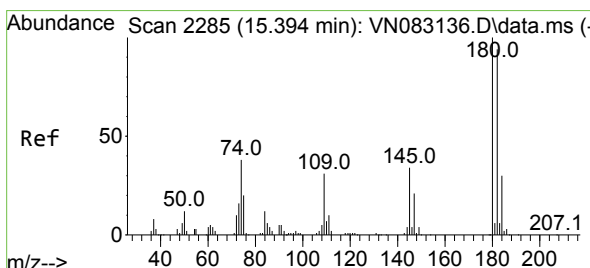
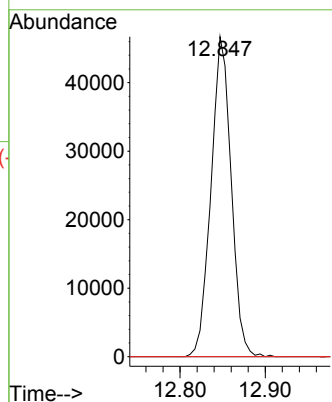
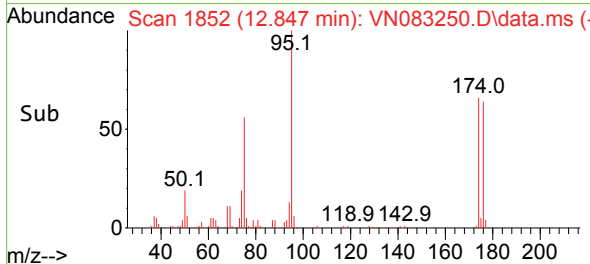


#81
trans-1,4-Dichloro-2-butene
Concen: 62.912 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

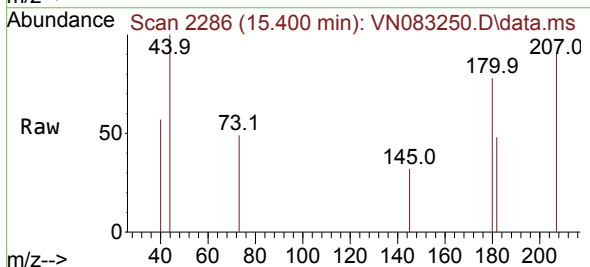
Instrument :
MSVOA_N
ClientSampleId :



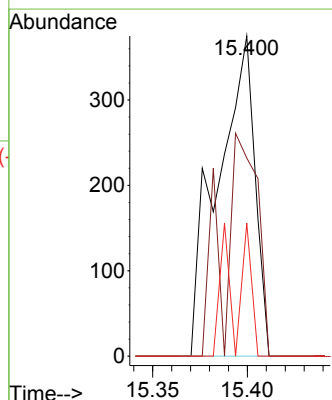
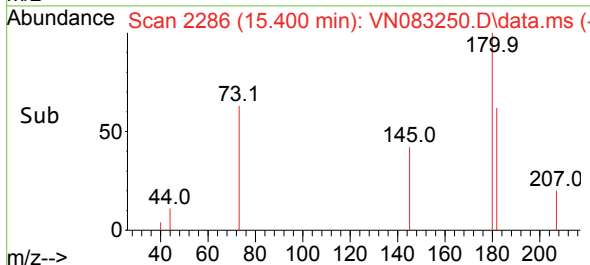
Tgt Ion: 75 Resp: 76858
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

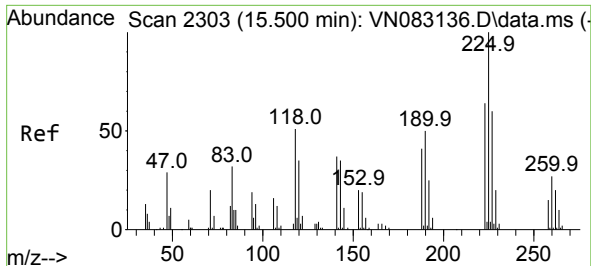


#93
1,2,4-Trichlorobenzene
Concen: 0.224 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06



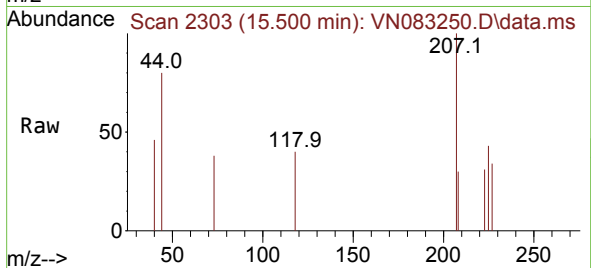
Tgt Ion: 180 Resp: 513
Ion Ratio Lower Upper
180 100
182 63.4 47.3 141.8
145 21.4 15.7 47.1



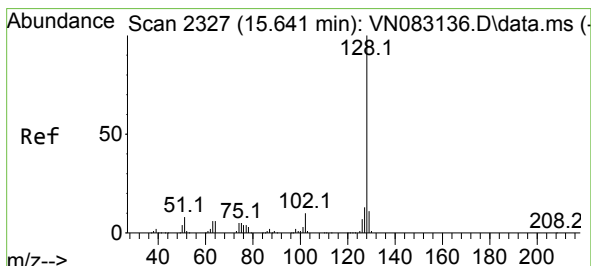
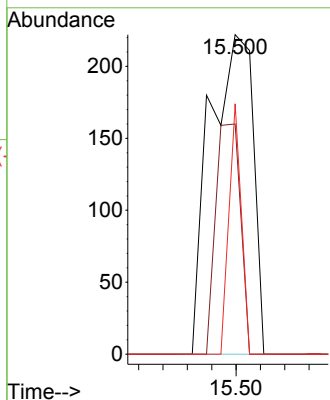
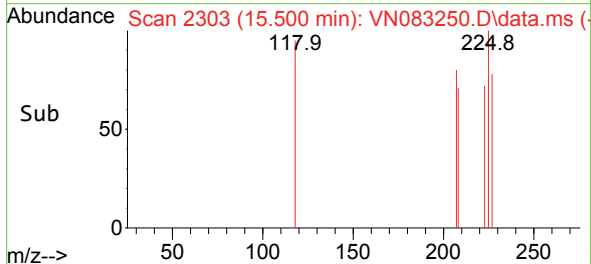


#94
Hexachlorobutadiene
Concen: 0.267 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

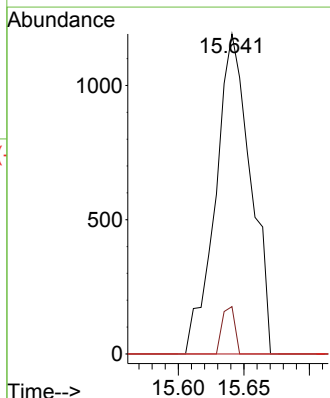
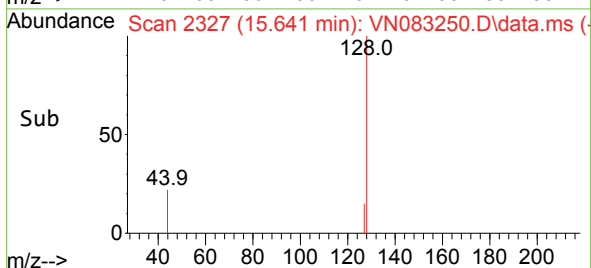
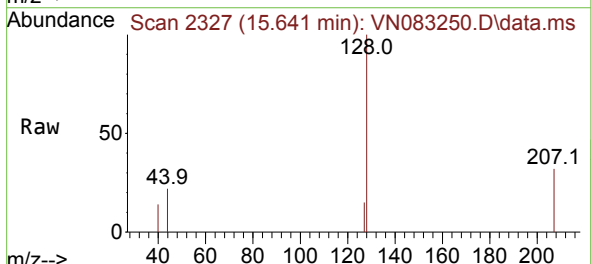


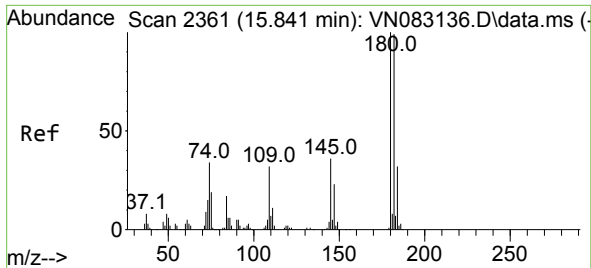
Tgt Ion:225 Resp: 273
Ion Ratio Lower Upper
225 100
223 41.4 31.9 95.7
227 22.3 32.5 97.5#



#95
Naphthalene
Concen: 0.272 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083250.D
Acq: 13 Aug 2024 12:06

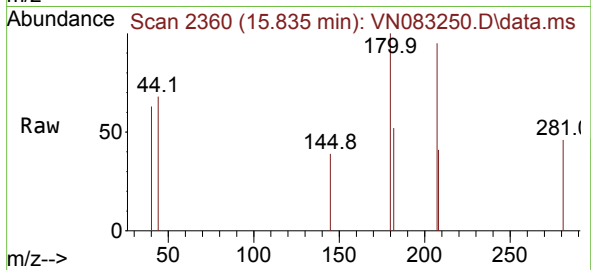
Tgt Ion:128 Resp: 2212
Ion Ratio Lower Upper
128 100
127 5.3 10.6 16.0#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.273 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083250.D
 Acq: 13 Aug 2024 12:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 620
 Ion Ratio Lower Upper
 180 100
 182 82.1 48.9 146.8
 145 8.9 16.8 50.4#

