

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083256.D
 Acq On : 13 Aug 2024 14:31
 Operator : JC\MD
 Sample : P3429-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 01:44:50 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)

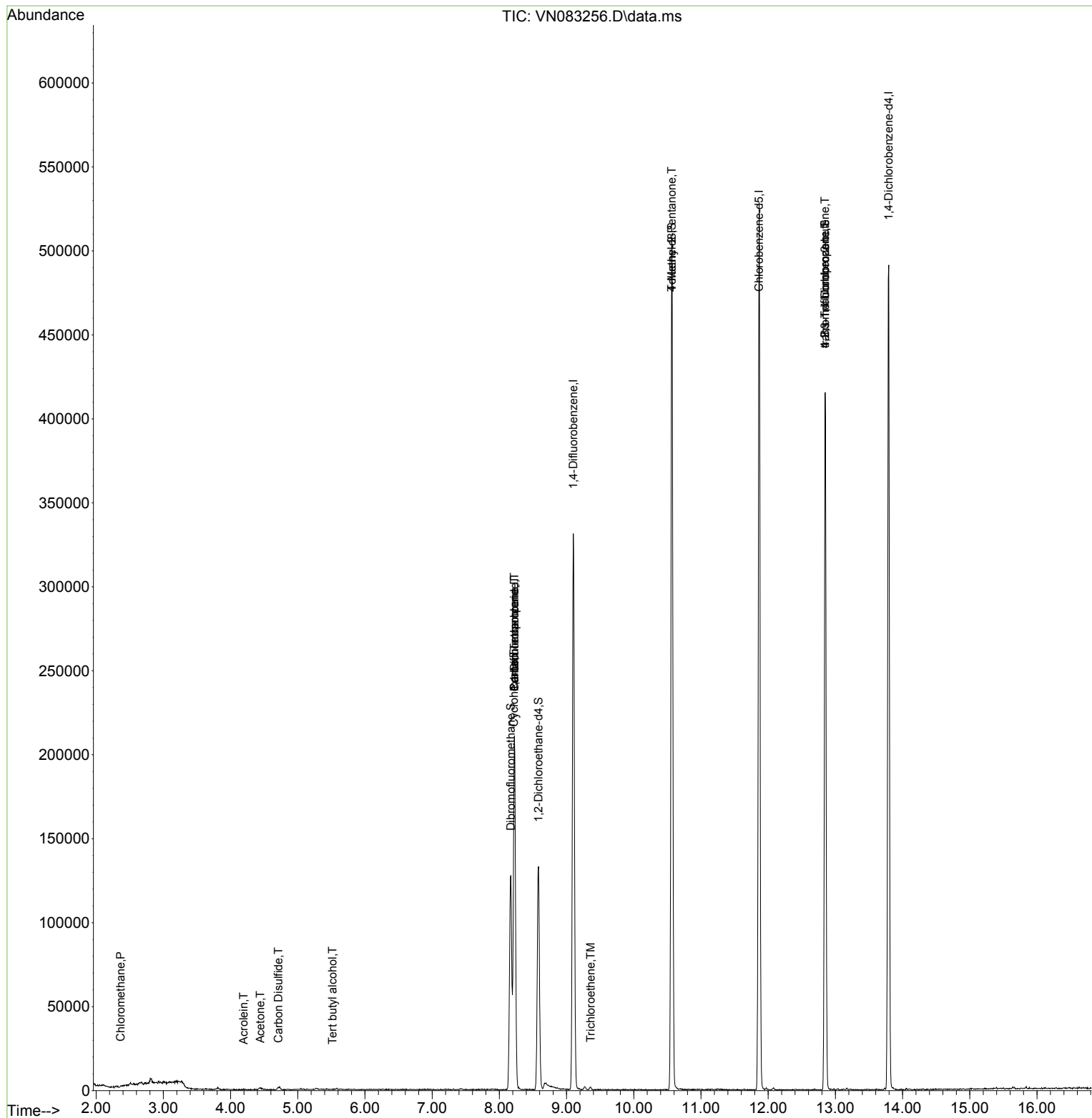
Internal Standards						
1) Pentafluorobenzene	8.224	168	147065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116829	55.811	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.620%			
35) Dibromofluoromethane	8.171	113	92438	52.060	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	10.565	98	352167	53.170	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.340%			
62) 4-Bromofluorobenzene	12.847	95	148227	57.403	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 114.800%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	524	0.307	ug/l #	70
11) Tert butyl alcohol	5.518	59	131	0.301	ug/l #	71
13) Acrolein	4.195	56	84	0.296	ug/l #	14
16) Acetone	4.442	43	2442	2.981	ug/l	90
17) Carbon Disulfide	4.712	76	1400	0.293	ug/l #	75
31) Cyclohexane	8.218	56	3633	1.171	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	13062	4.863	ug/l #	54
38) Carbon Tetrachloride	8.224	117	16347	5.403	ug/l #	16
43) Isopropyl Acetate	8.688	43	5180	Below Cal	#	60
44) Trichloroethene	9.359	130	593	0.311	ug/l	80
51) 4-Methyl-2-Pentanone	10.565	43	1929	0.678	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	83711	29.149	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	83711	63.406	ug/l #	6

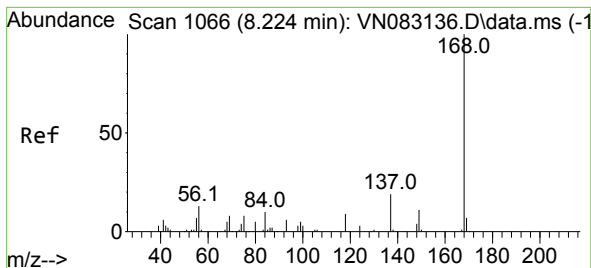
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN083256.D

Acq: 13 Aug 2024 14:31

Instrument :

MSVOA_N

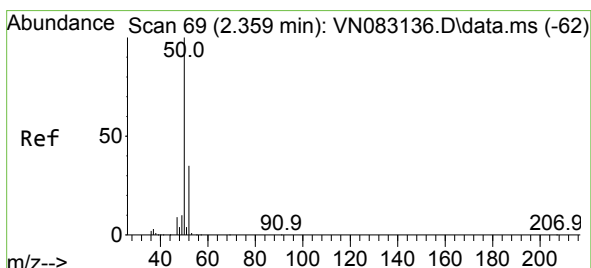
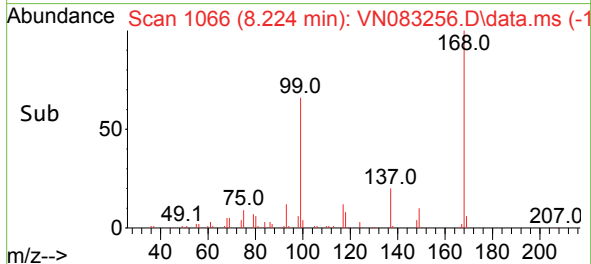
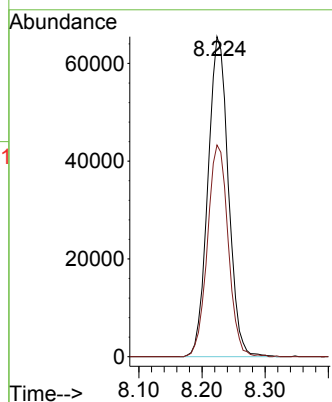
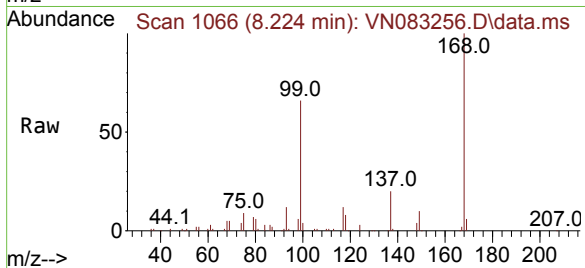
ClientSampleId :

Tgt Ion:168 Resp: 147065

Ion Ratio Lower Upper

168 100

99 66.2 48.2 72.4



#3

Chloromethane

Concen: 0.307 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN083256.D

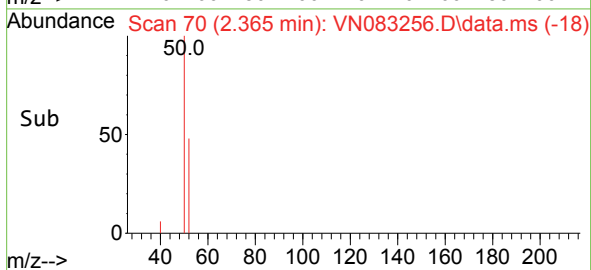
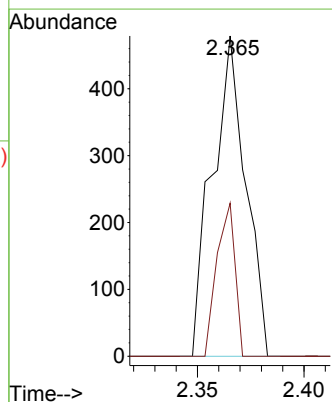
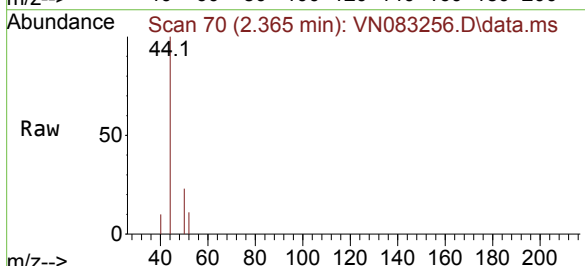
Acq: 13 Aug 2024 14:31

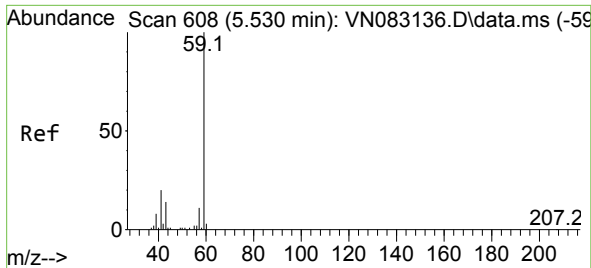
Tgt Ion: 50 Resp: 524

Ion Ratio Lower Upper

50 100

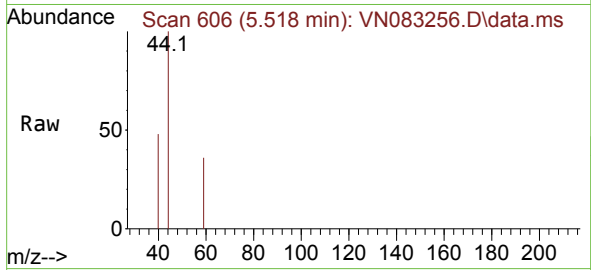
52 47.8 25.0 37.4#



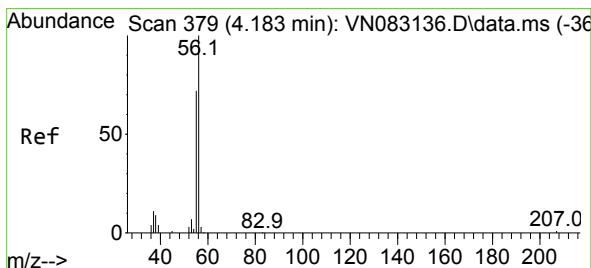
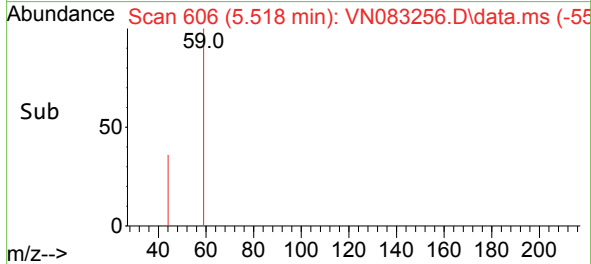
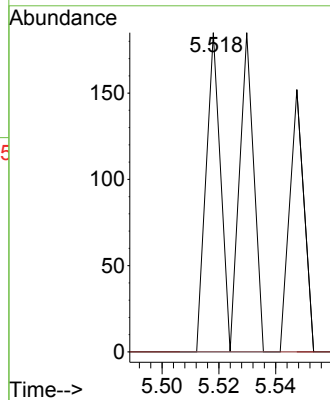


#11
Tert butyl alcohol
Concen: 0.301 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Instrument :
MSVOA_N
ClientSampleId :

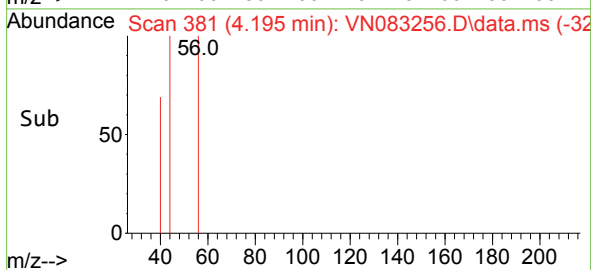
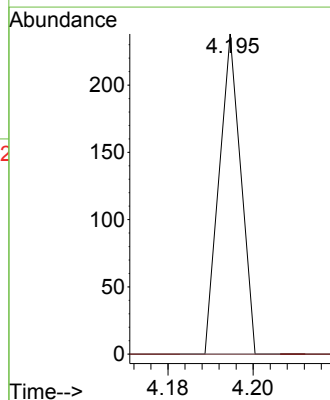
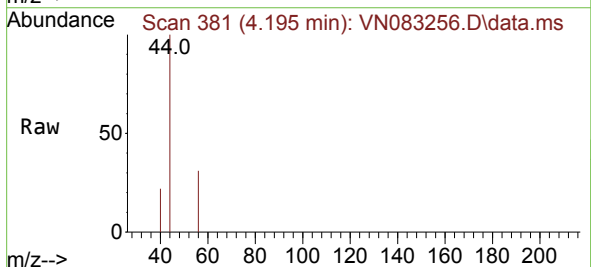


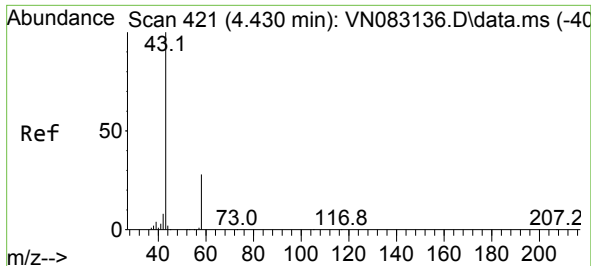
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.296 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

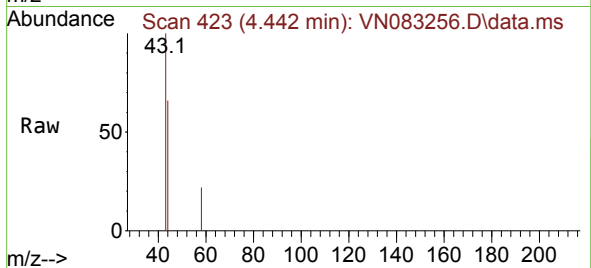
Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



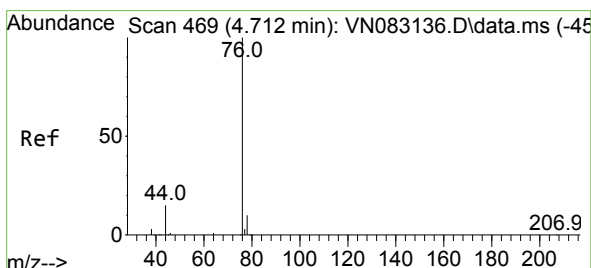
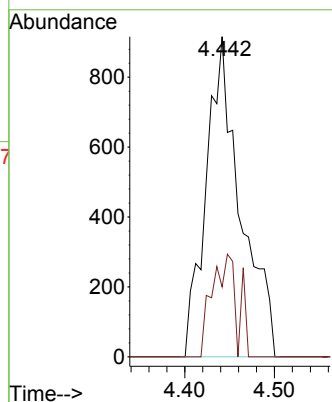
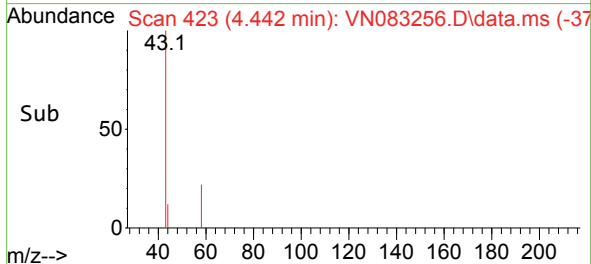


#16
Acetone
Concen: 2.981 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Instrument :
MSVOA_N
ClientSampleId :

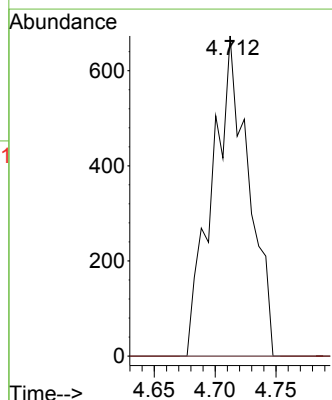
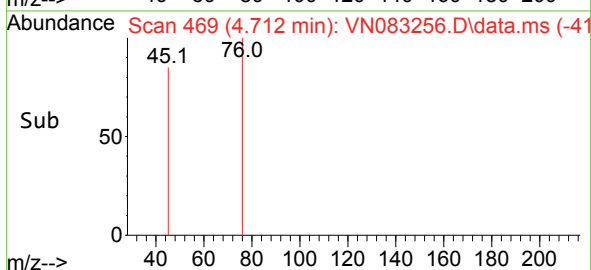
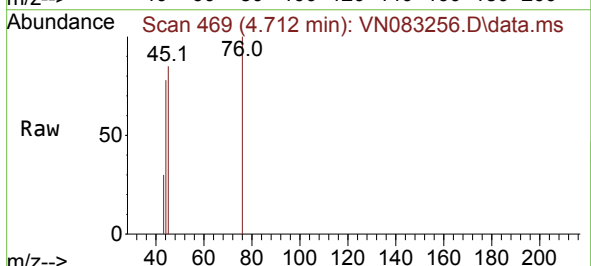


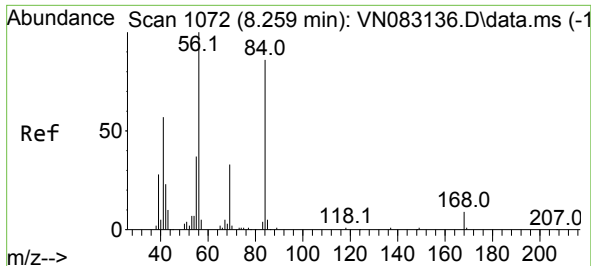
Tgt Ion: 43 Resp: 2442
Ion Ratio Lower Upper
43 100
58 21.8 21.8 32.6



#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

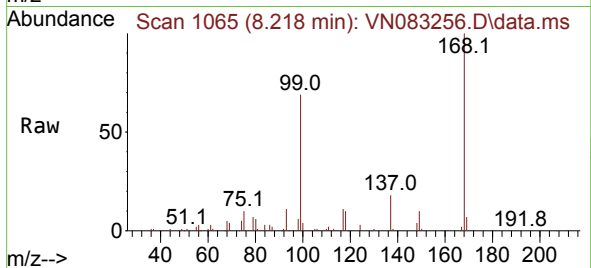
Tgt Ion: 76 Resp: 1400
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



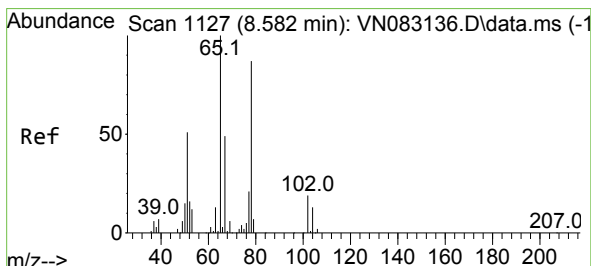
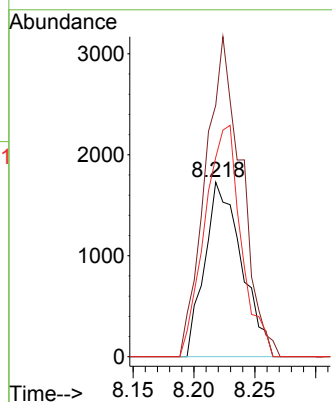
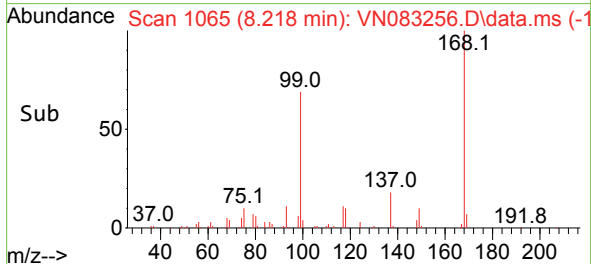


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Instrument :
MSVOA_N
ClientSampleId :

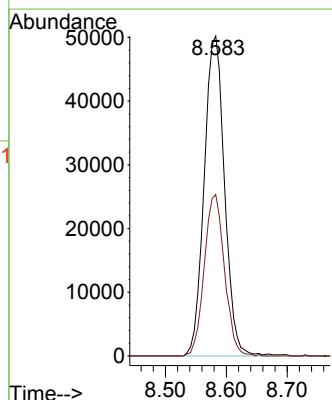
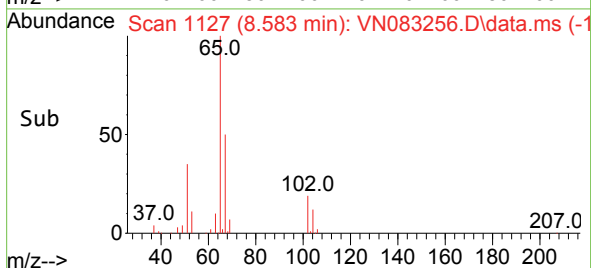
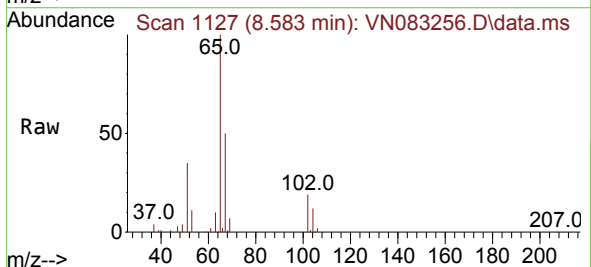


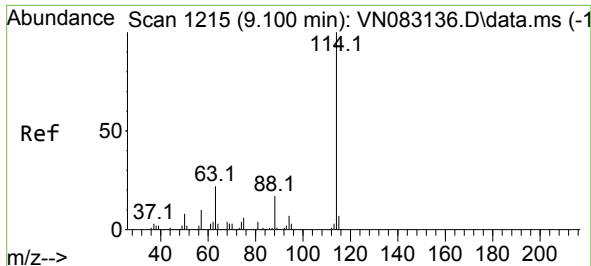
Tgt Ion: 56 Resp: 3633
Ion Ratio Lower Upper
56 100
69 143.9 24.5 36.7#
84 114.1 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.811 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Tgt Ion: 65 Resp: 116829
Ion Ratio Lower Upper
65 100
67 50.0 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: VN083256.D

Acq: 13 Aug 2024 14:31

Instrument :

MSVOA_N

ClientSampleId :

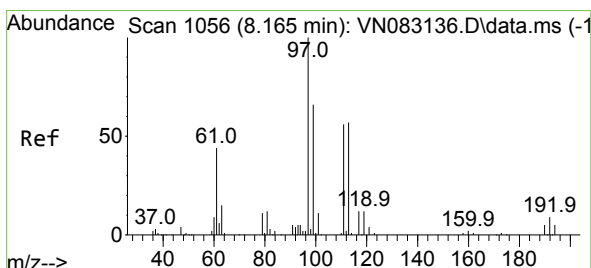
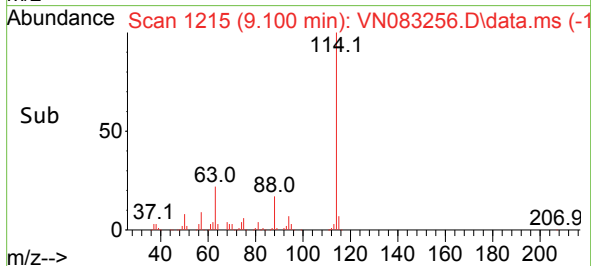
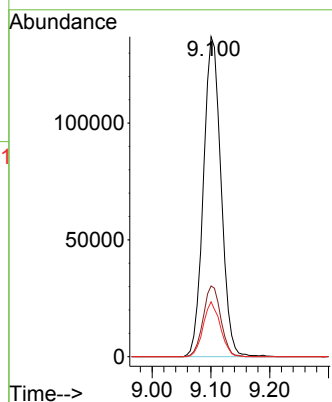
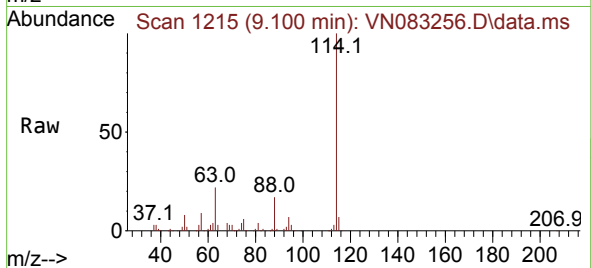
Tgt Ion:114 Resp: 284471

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.060 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083256.D

Acq: 13 Aug 2024 14:31

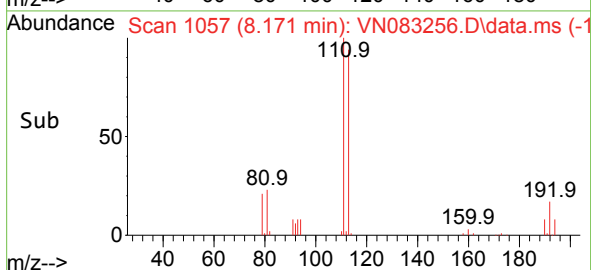
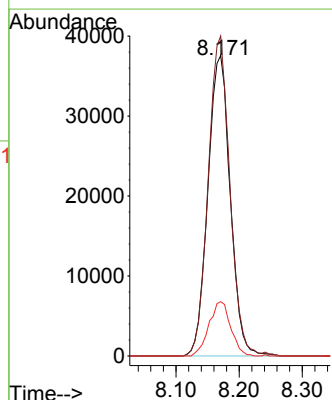
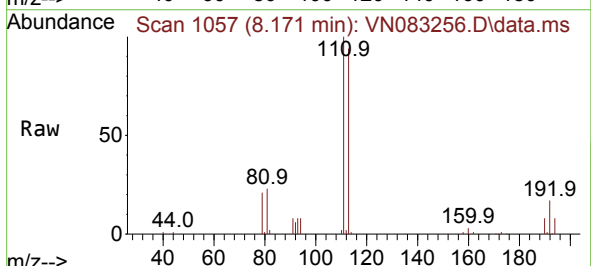
Tgt Ion:113 Resp: 92438

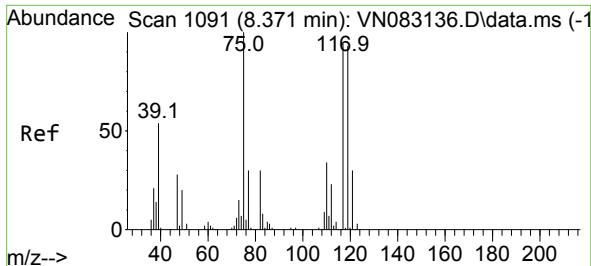
Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

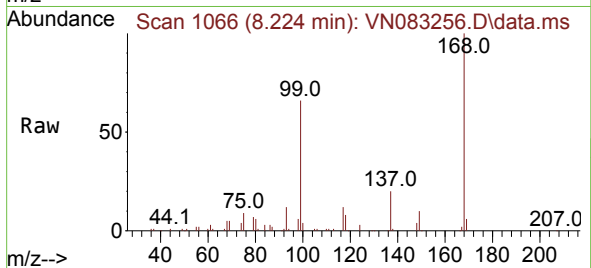
192 17.6 14.9 22.3



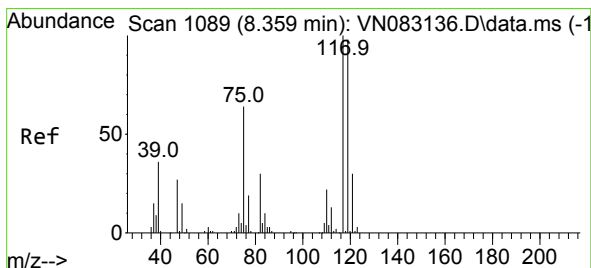
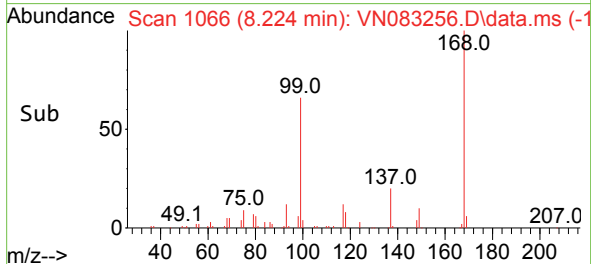
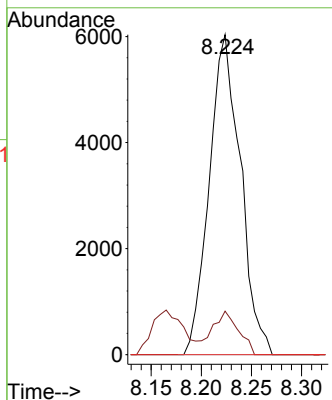


#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Instrument :
MSVOA_N
ClientSampleId :

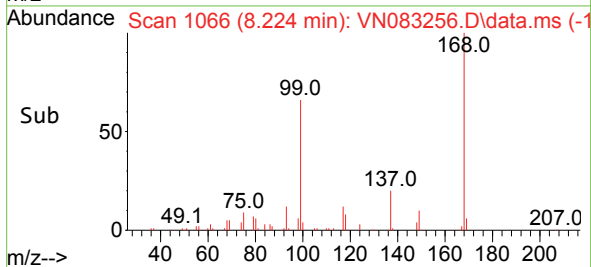
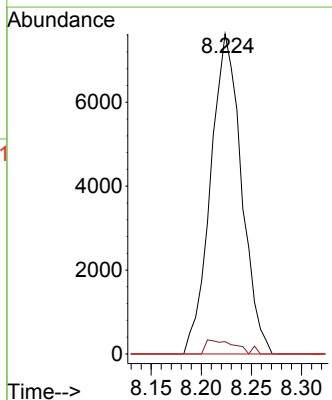
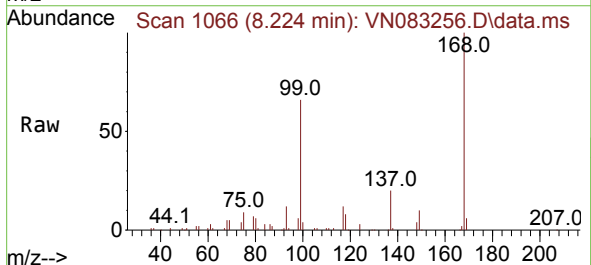


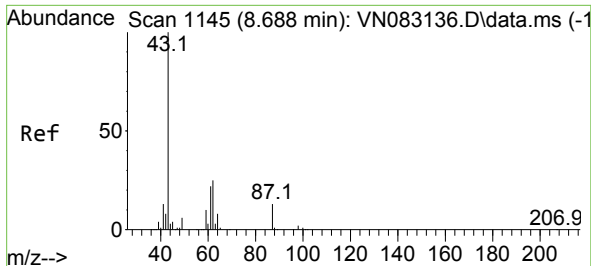
Tgt Ion: 75 Resp: 13062
Ion Ratio Lower Upper
75 100
110 11.8 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.403 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

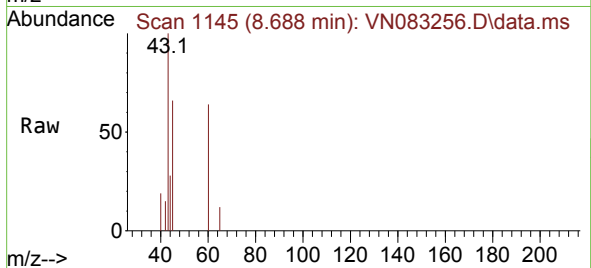
Tgt Ion: 117 Resp: 16347
Ion Ratio Lower Upper
117 100
119 3.8 74.9 112.3#
121 0.0 24.3 36.5#



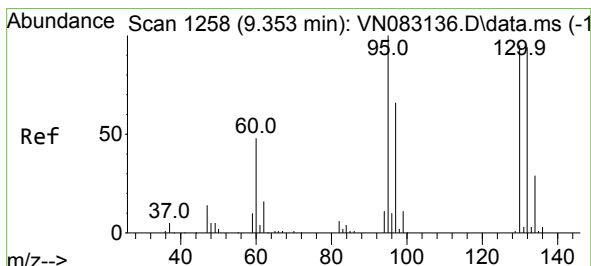
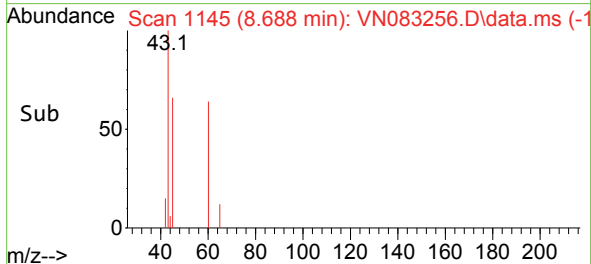
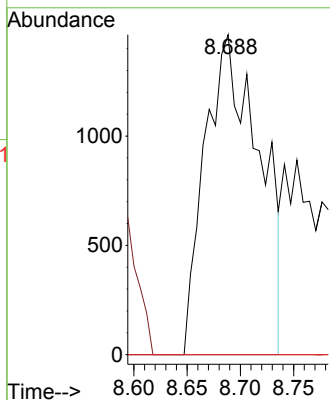


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Instrument :
MSVOA_N
ClientSampleId :

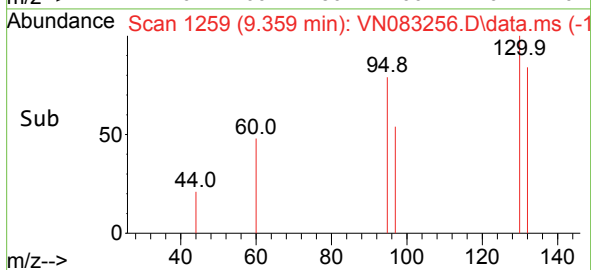
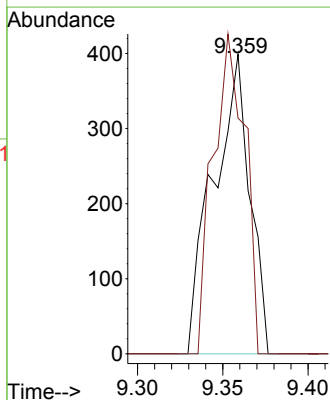
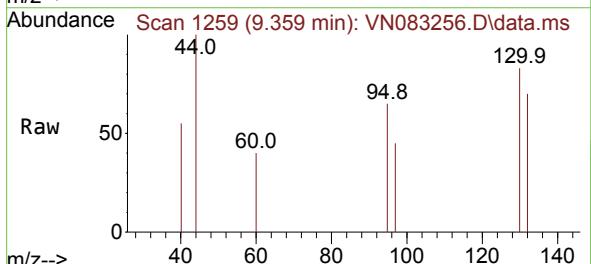


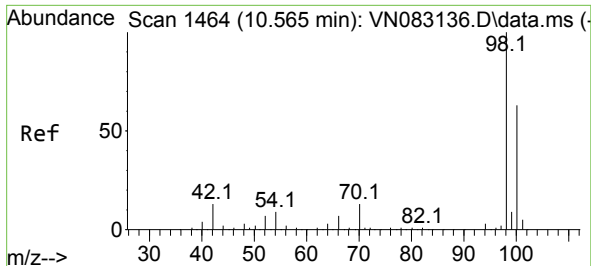
Tgt Ion: 43 Resp: 5180
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 0.311 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Tgt Ion:130 Resp: 593
Ion Ratio Lower Upper
130 100
95 78.7 0.0 197.8

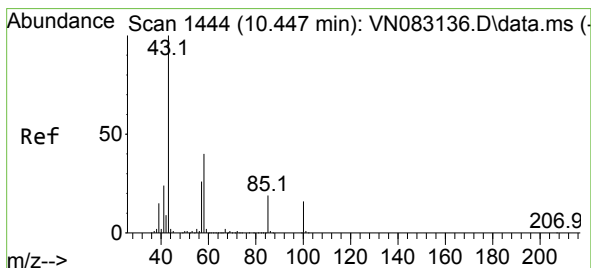
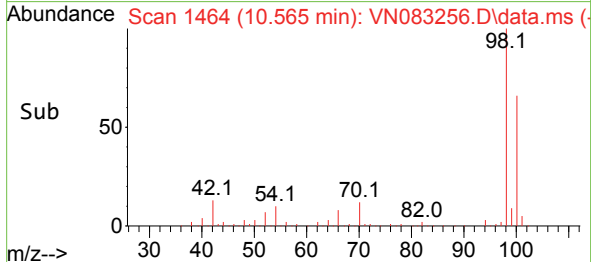
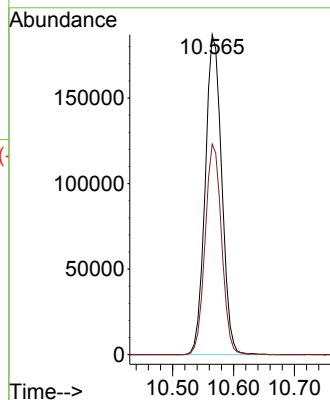
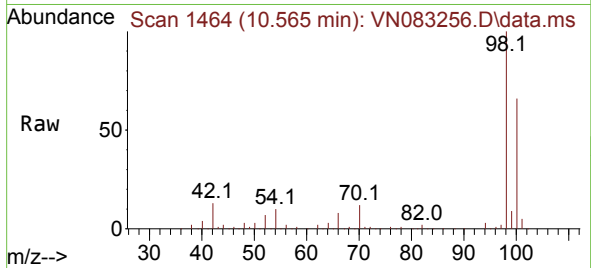




#50
Toluene-d8
Concen: 53.170 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

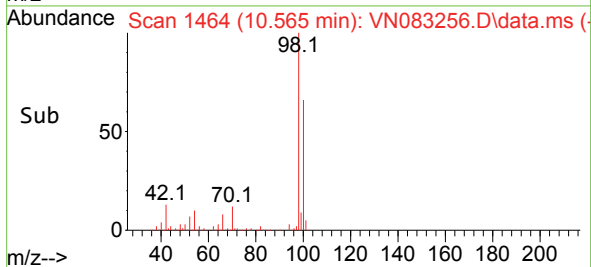
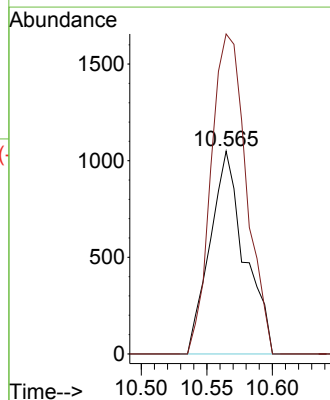
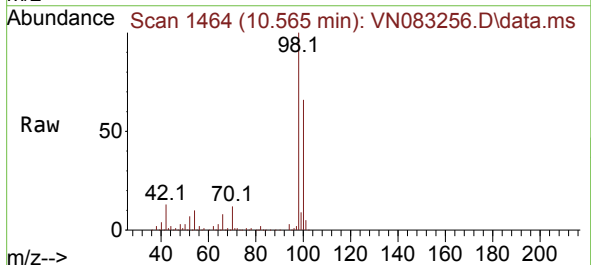
Instrument :
MSVOA_N
ClientSampleId :

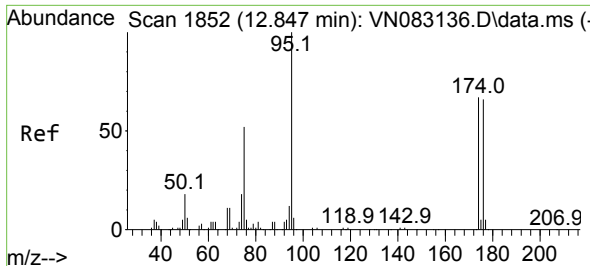
Tgt Ion: 98 Resp: 352167
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.678 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 161.0 28.2 42.4#

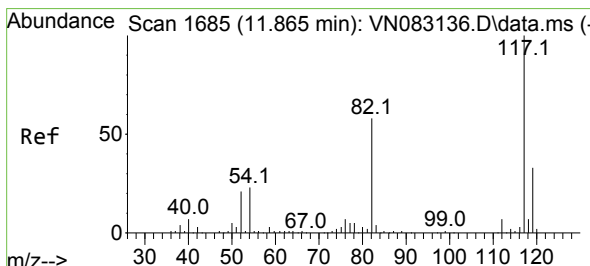
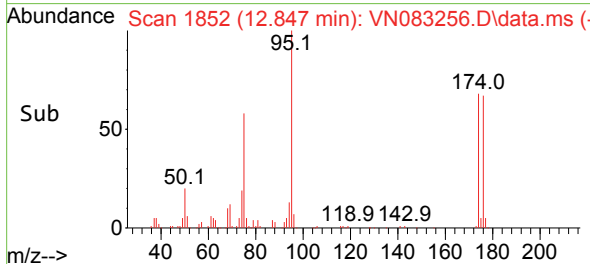
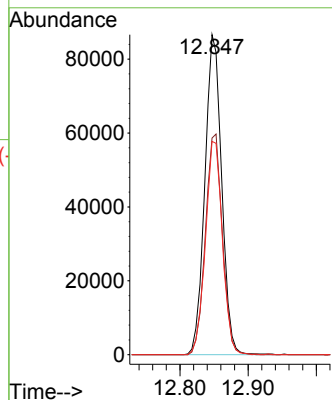
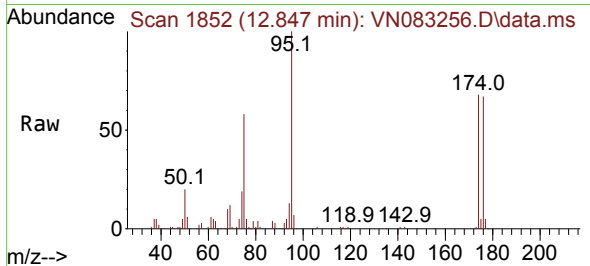




#62
4-Bromofluorobenzene
Concen: 57.403 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

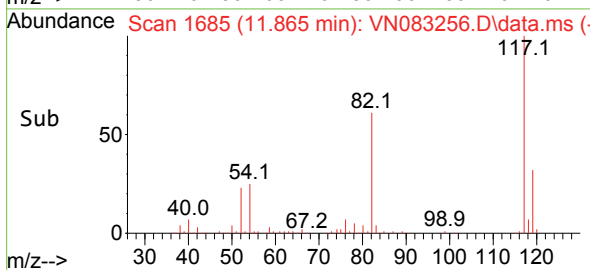
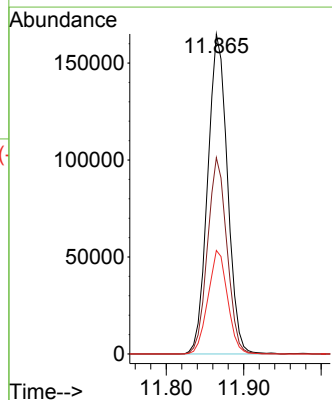
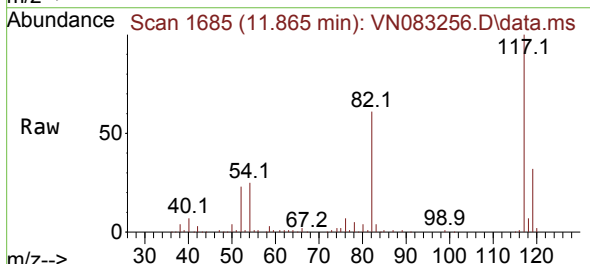
Instrument :
MSVOA_N
ClientSampleId :

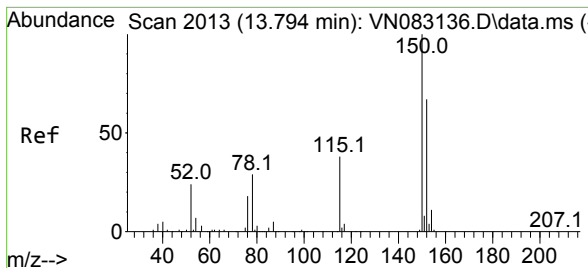
Tgt Ion: 95 Resp: 148227
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 67.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

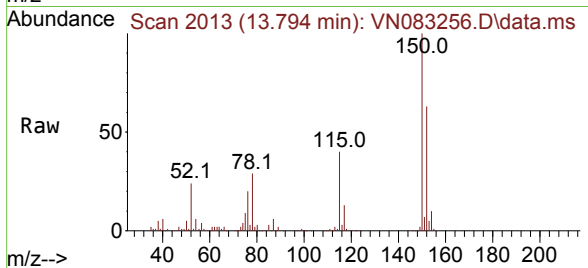
Tgt Ion: 117 Resp: 291862
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 32.4 25.6 38.4



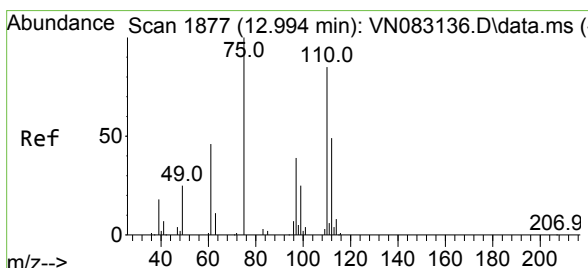
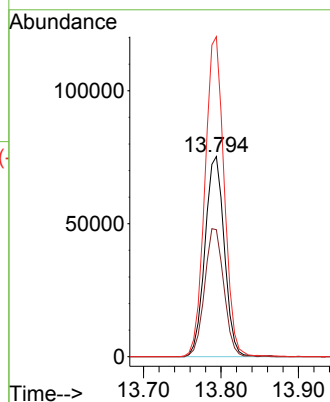
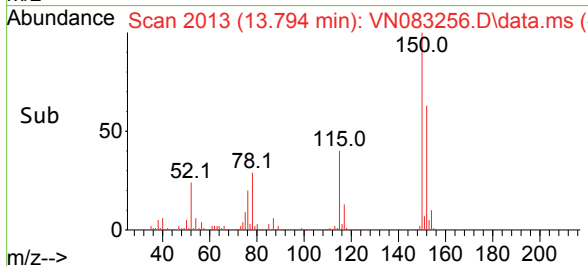


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083256.D
 Acq: 13 Aug 2024 14:31

Instrument :
 MSVOA_N
 ClientSampleId :

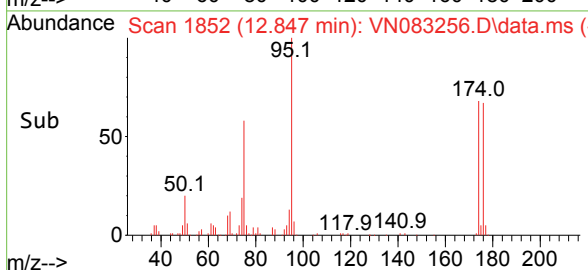
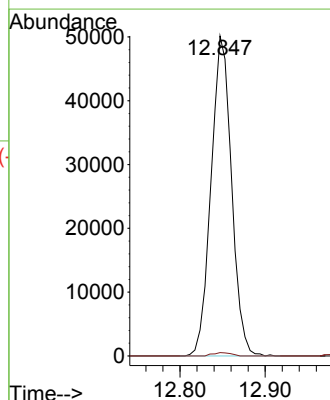
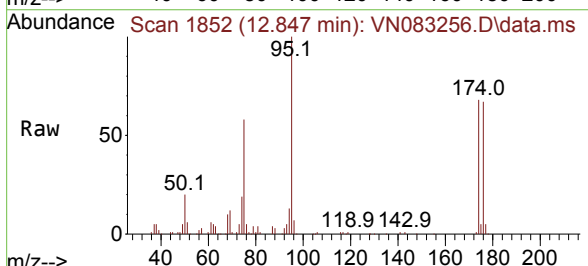


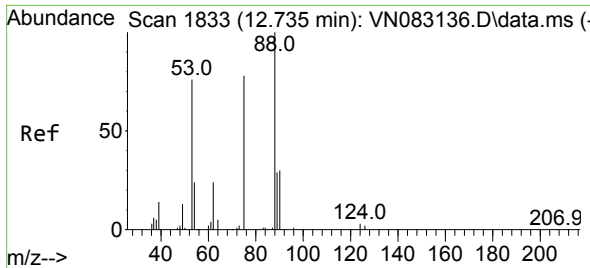
Tgt Ion:152 Resp: 130851
 Ion Ratio Lower Upper
 152 100
 115 63.6 30.6 91.6
 150 158.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.149 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083256.D
 Acq: 13 Aug 2024 14:31

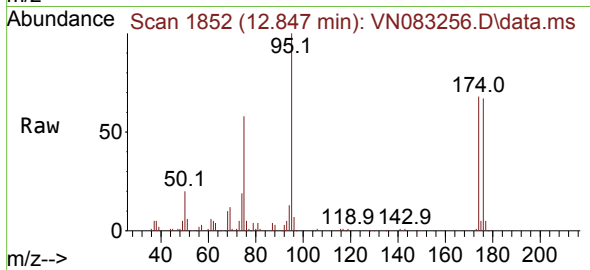
Tgt Ion: 75 Resp: 83711
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.406 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083256.D
Acq: 13 Aug 2024 14:31

Instrument :
MSVOA_N
ClientSampleId :



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

