

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083381.D
 Acq On : 19 Aug 2024 18:42
 Operator : JC\MD
 Sample : P3645-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:50:12 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)

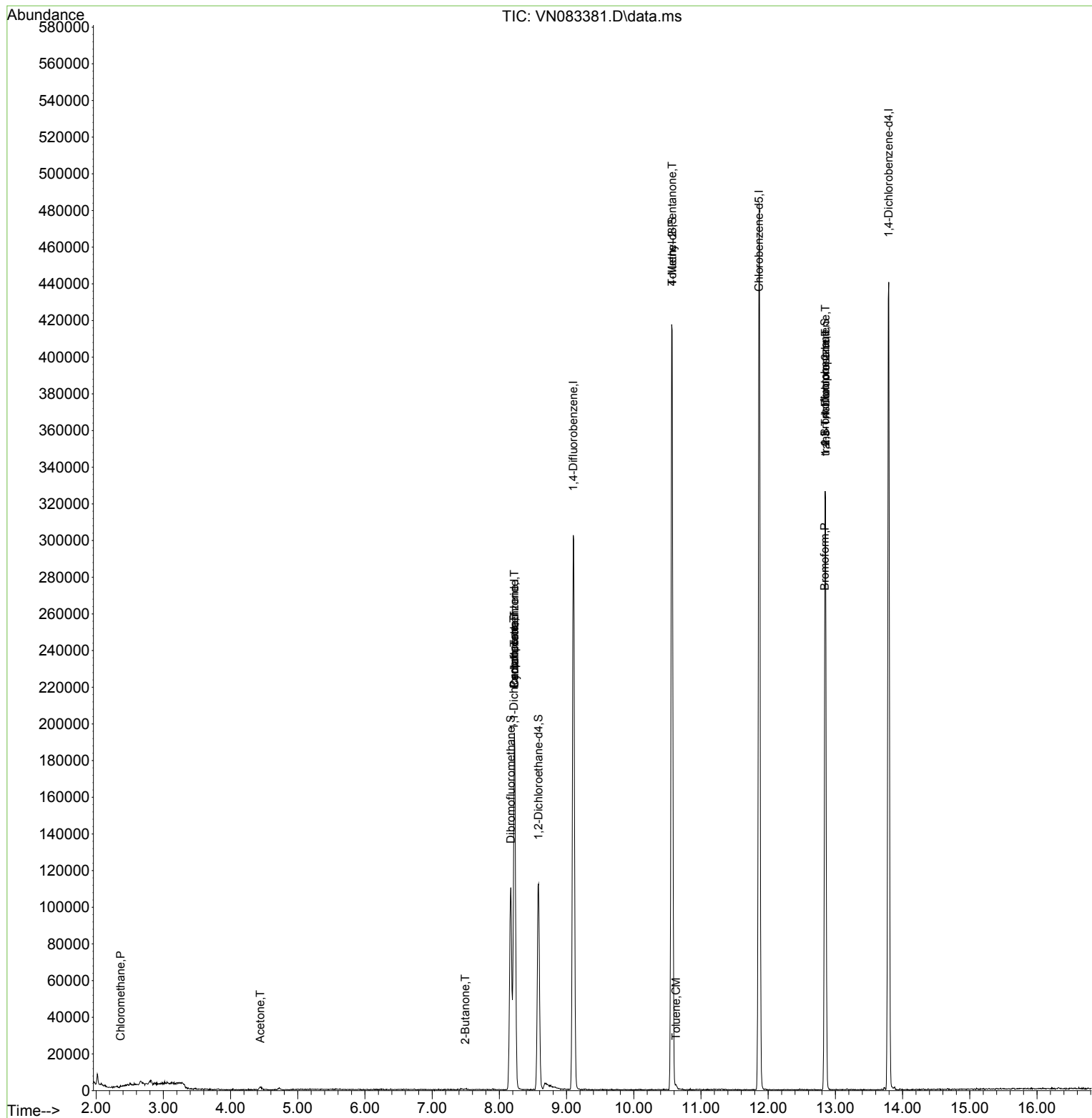
Internal Standards						
1) Pentafluorobenzene	8.224	168	132595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	95901	50.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	8.171	113	79014	48.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	10.570	98	289541	47.699	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.847	95	118225	49.958	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.920%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	356	0.231	ug/l #	54
16) Acetone	4.441	43	2821	3.820	ug/l #	75
25) 2-Butanone	7.494	43	746	0.658	ug/l #	53
31) Cyclohexane	8.224	56	3328	1.190	ug/l #	28
36) 1,1-Dichloropropene	8.218	75	12085	4.909	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15019	5.417	ug/l #	17
43) Isopropyl Acetate	8.682	43	2302	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.570	43	1462	0.561	ug/l #	1
52) Toluene	10.629	92	1038	0.224	ug/l #	74
71) Bromoform	12.841	173	582	0.371	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	64302	25.317	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64302	55.071	ug/l #	6

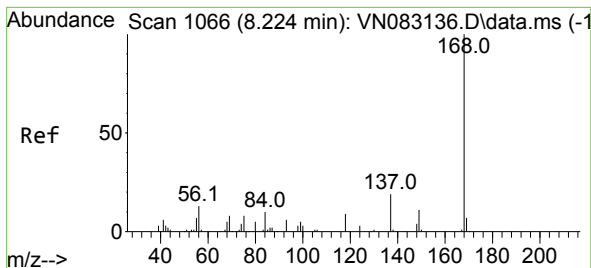
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN083381.D

Acq: 19 Aug 2024 18:42

Instrument :

MSVOA_N

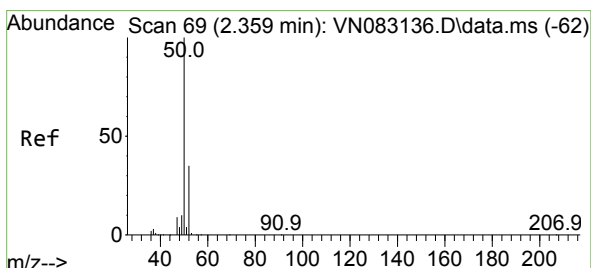
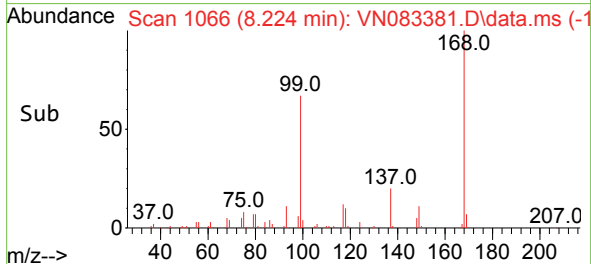
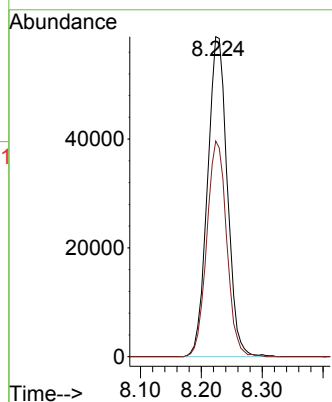
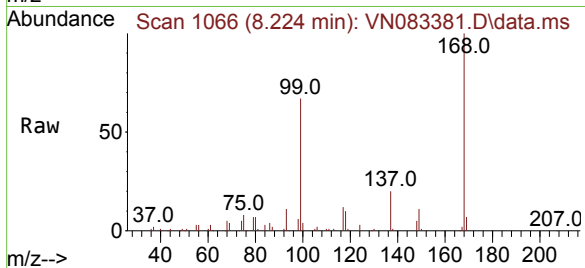
ClientSampleId :

Tgt Ion:168 Resp: 132595

Ion Ratio Lower Upper

168 100

99 67.4 48.2 72.4



#3

Chloromethane

Concen: 0.231 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN083381.D

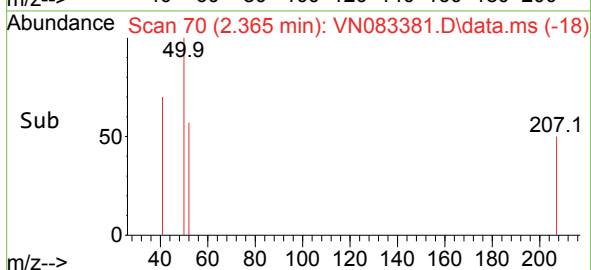
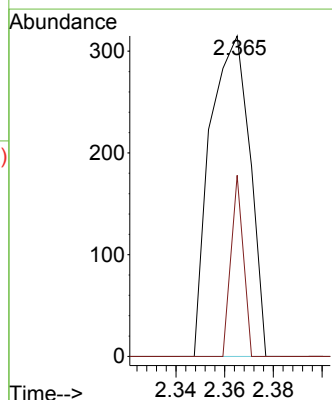
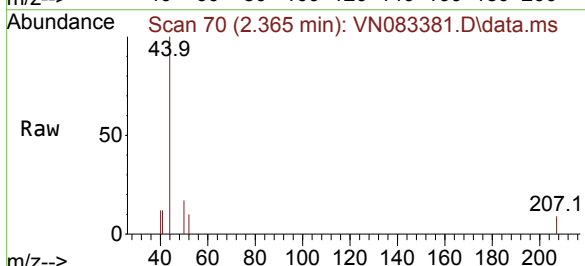
Acq: 19 Aug 2024 18:42

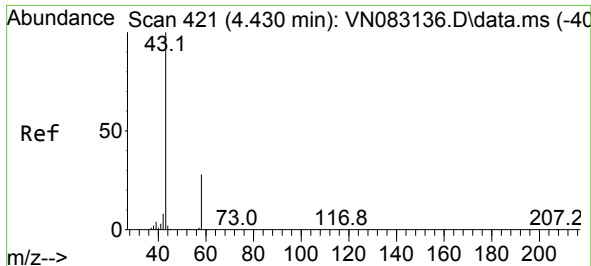
Tgt Ion: 50 Resp: 356

Ion Ratio Lower Upper

50 100

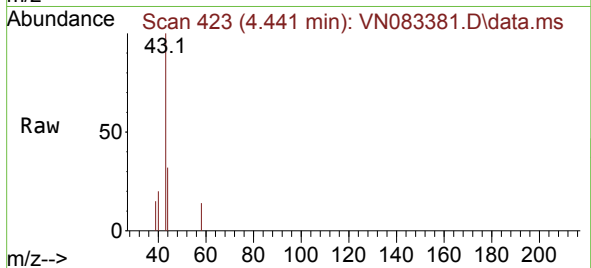
52 56.5 25.0 37.4#



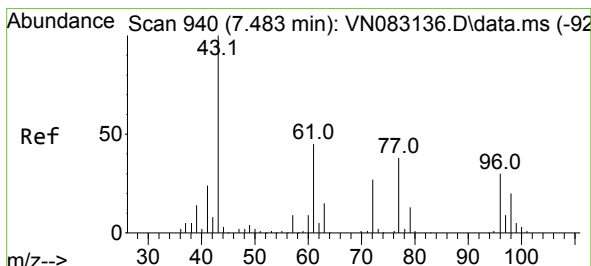
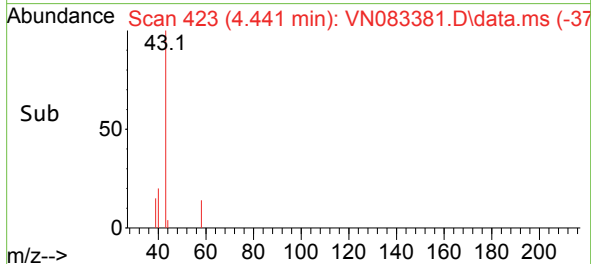
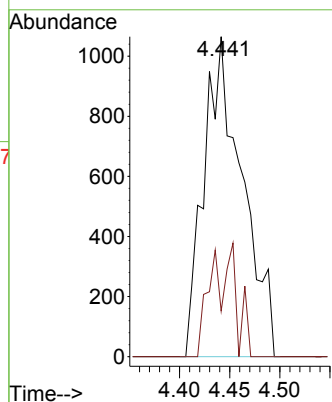


#16
Acetone
Concen: 3.820 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Instrument :
MSVOA_N
ClientSampleId :

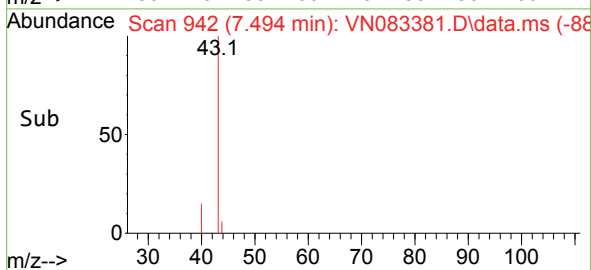
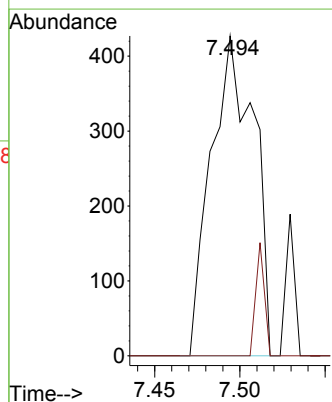
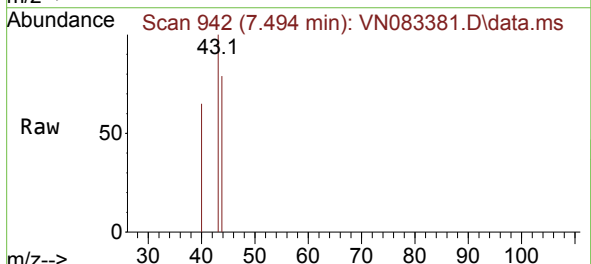


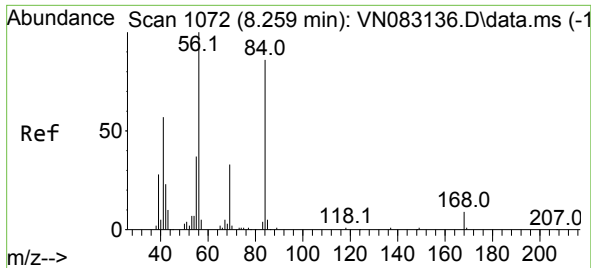
Tgt Ion: 43 Resp: 2821
Ion Ratio Lower Upper
43 100
58 14.3 21.8 32.6#



#25
2-Butanone
Concen: 0.658 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

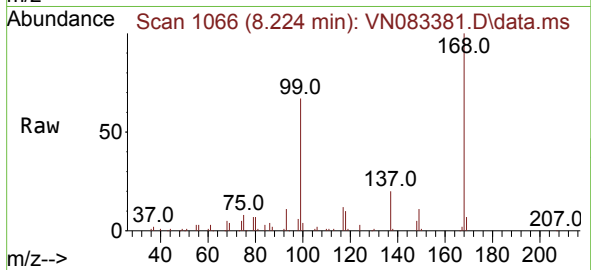
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



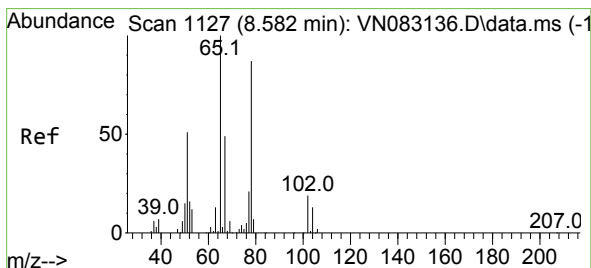
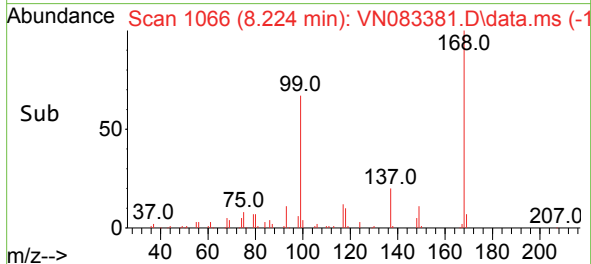
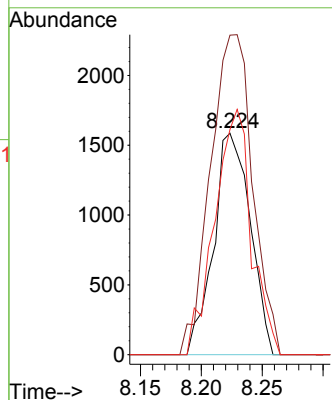


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Instrument :
MSVOA_N
ClientSampleId :

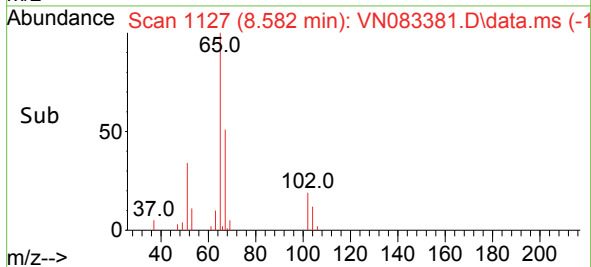
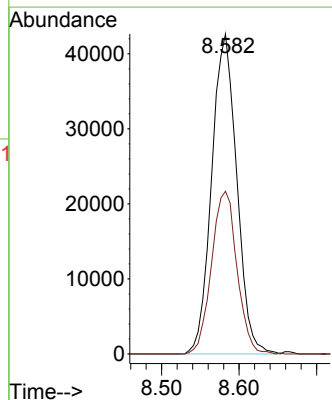
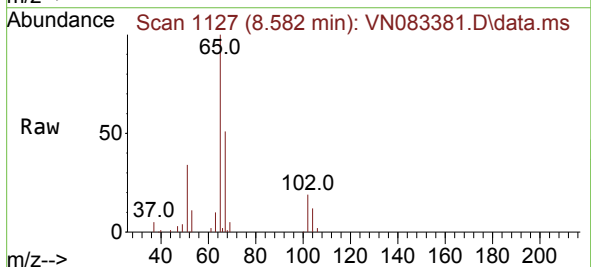


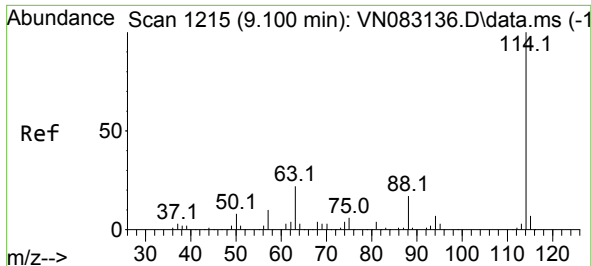
Tgt Ion: 56 Resp: 3328
Ion Ratio Lower Upper
56 100
69 144.3 24.5 36.7#
84 101.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 50.813 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Tgt Ion: 65 Resp: 95901
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN083381.D

Acq: 19 Aug 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

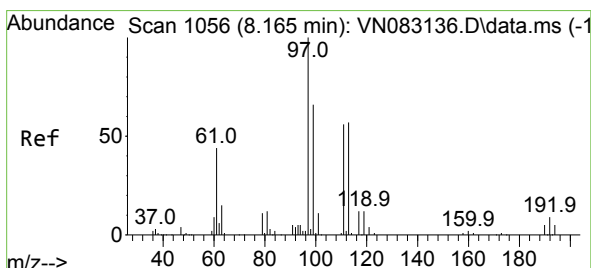
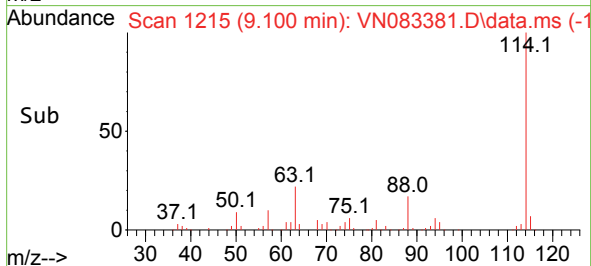
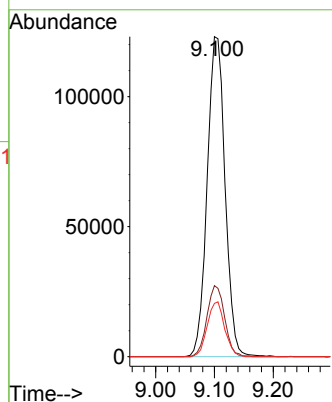
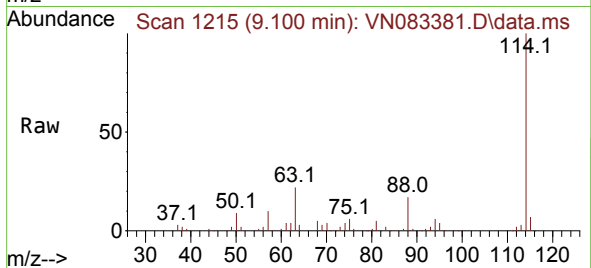
Tgt Ion:114 Resp: 260707

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.556 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083381.D

Acq: 19 Aug 2024 18:42

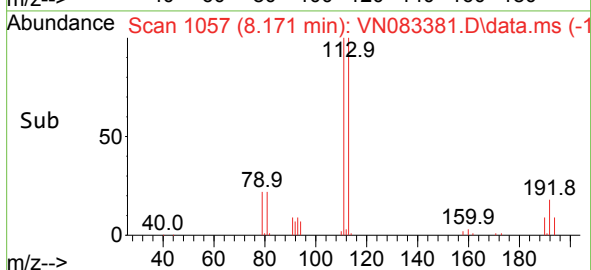
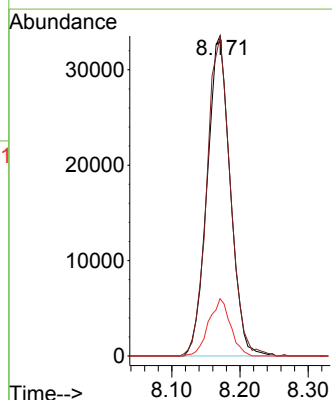
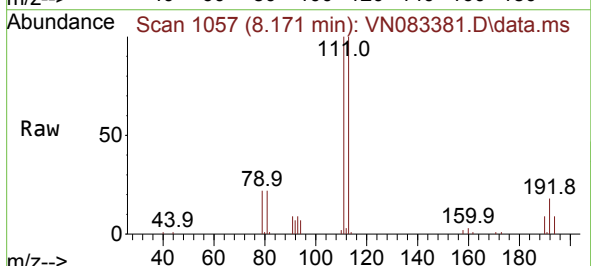
Tgt Ion:113 Resp: 79014

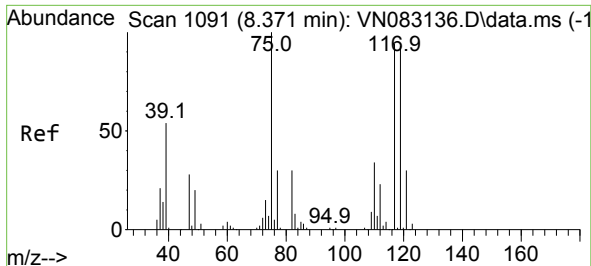
Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 16.9 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.909 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

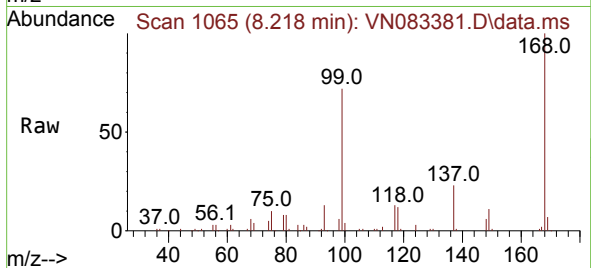
Lab File: VN083381.D

Acq: 19 Aug 2024 18:42

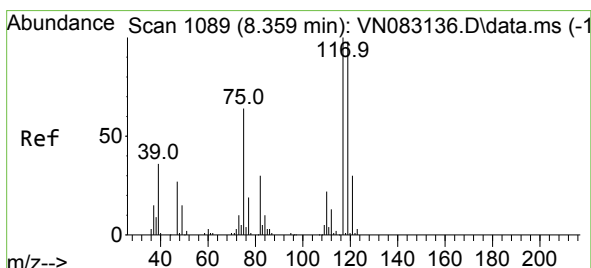
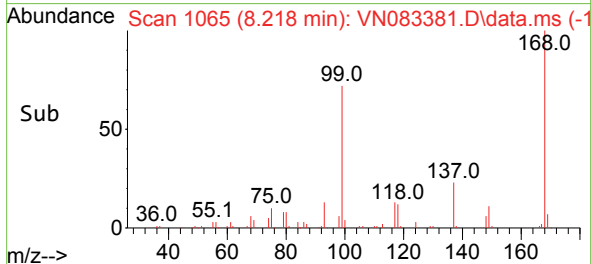
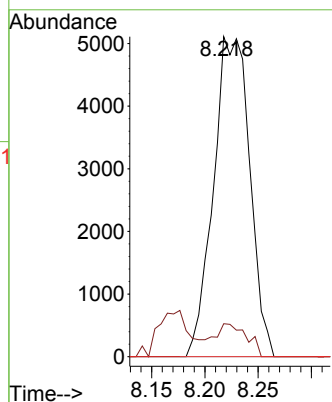
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12085
Ion Ratio	Lower	Upper	
75	100		
110	9.0	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.417 ug/l

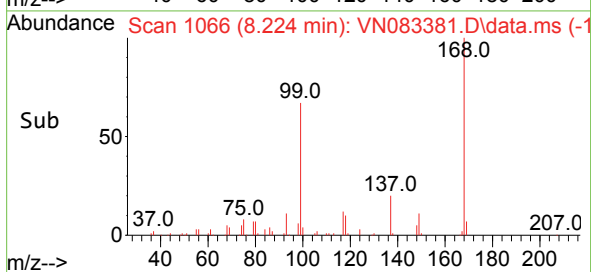
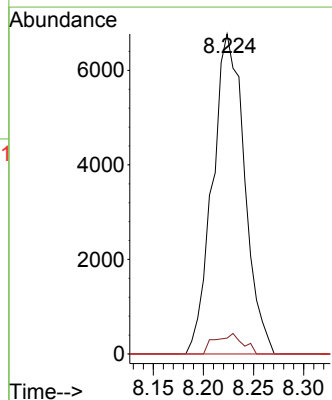
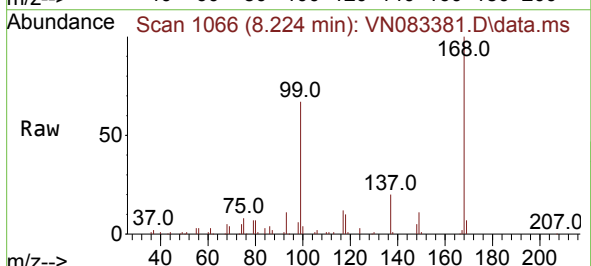
RT: 8.224 min Scan# 1066

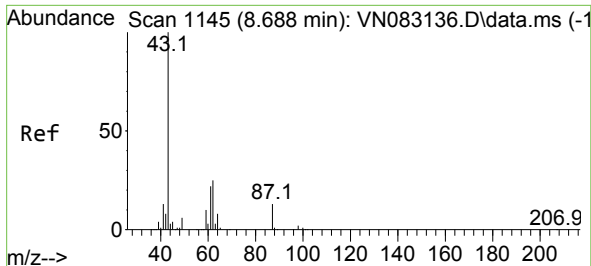
Delta R.T. -0.135 min

Lab File: VN083381.D

Acq: 19 Aug 2024 18:42

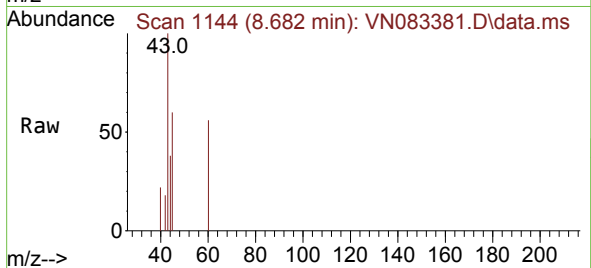
Tgt Ion:	117	Resp:	15019
Ion Ratio	Lower	Upper	
117	100		
119	4.9	74.9	112.3#
121	0.0	24.3	36.5#



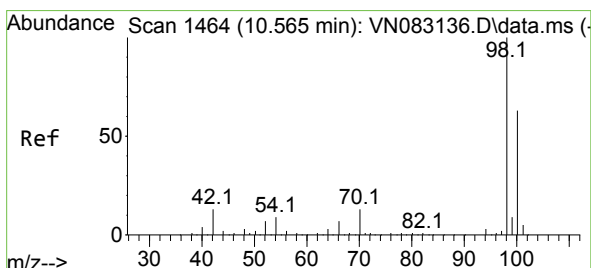
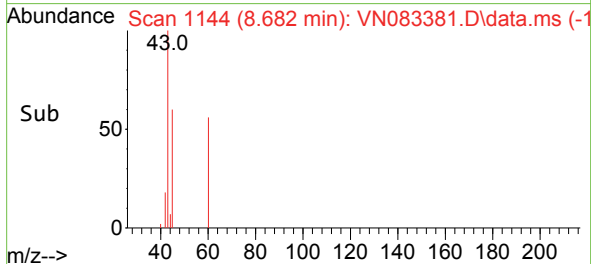
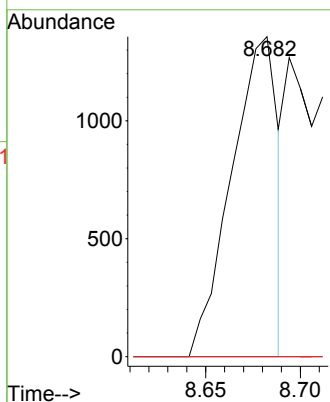


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Instrument :
MSVOA_N
ClientSampleId :

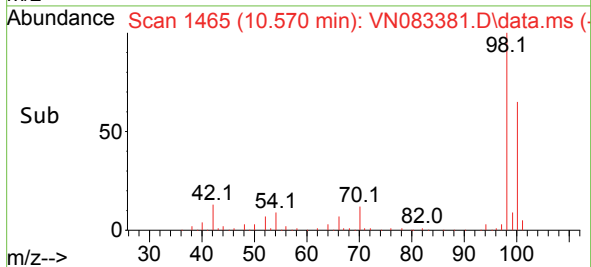
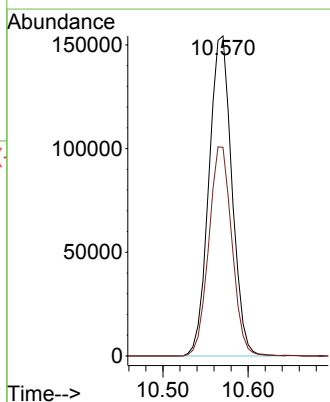
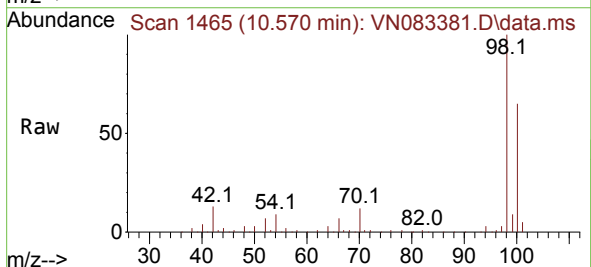


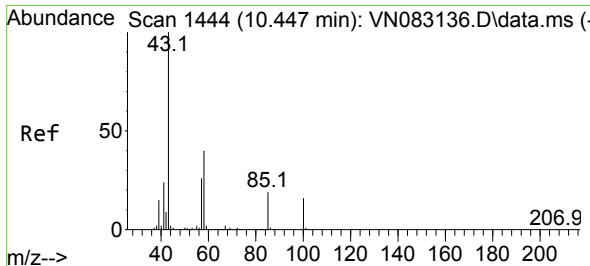
Tgt Ion: 43 Resp: 2302
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 47.699 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

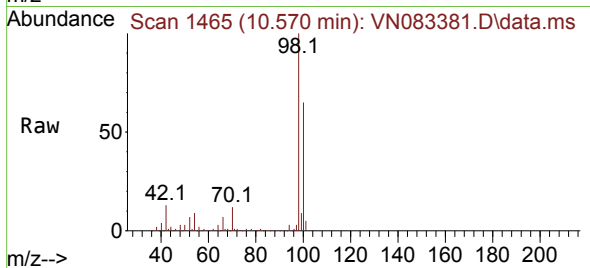
Tgt Ion: 98 Resp: 289541
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



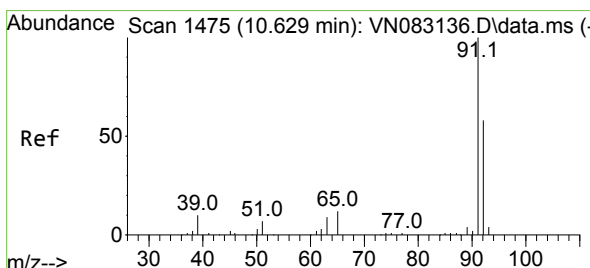
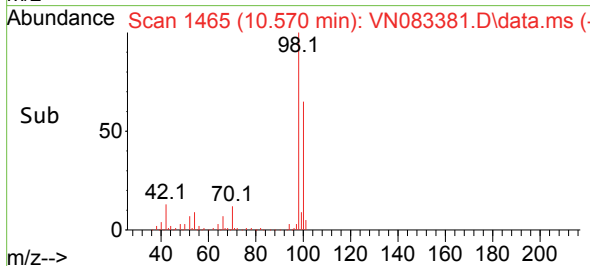
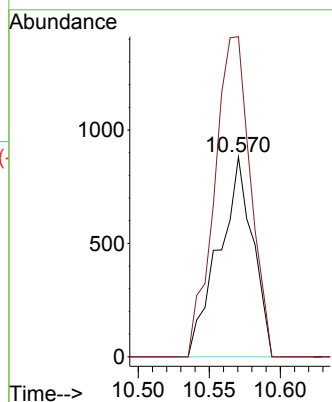


#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Instrument :
MSVOA_N
ClientSampleId :

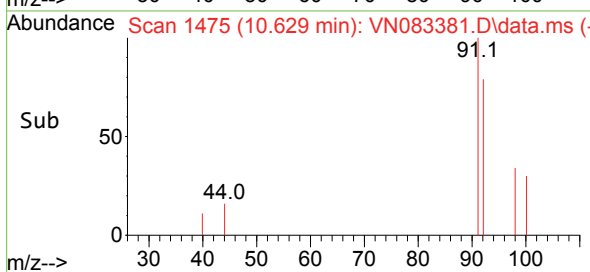
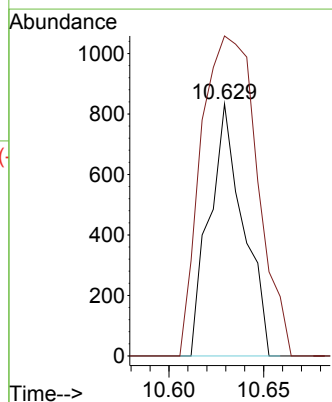
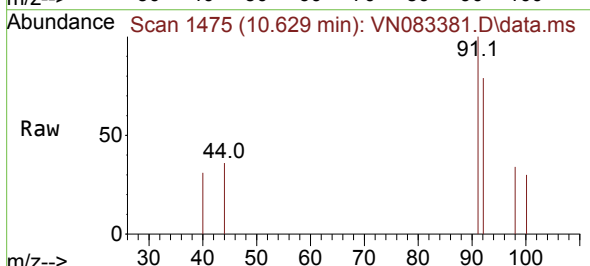


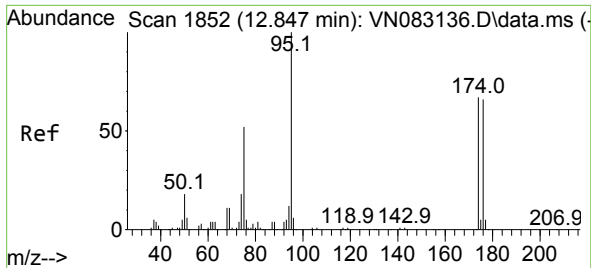
Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 170.2 28.2 42.4#



#52
Toluene
Concen: 0.224 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

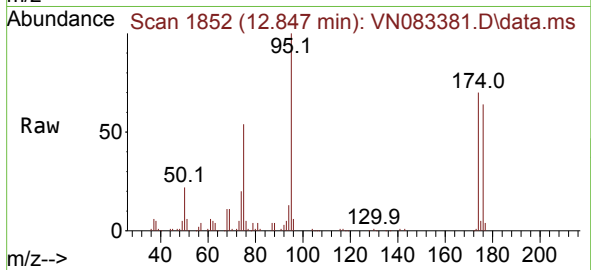
Tgt Ion: 92 Resp: 1038
Ion Ratio Lower Upper
92 100
91 210.0 139.4 209.0#



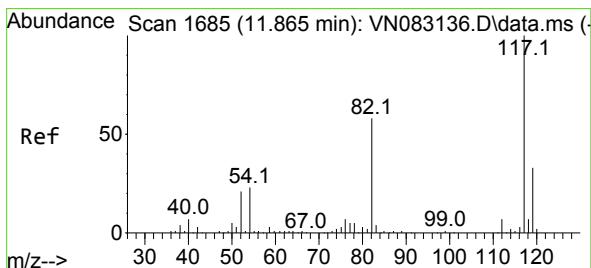
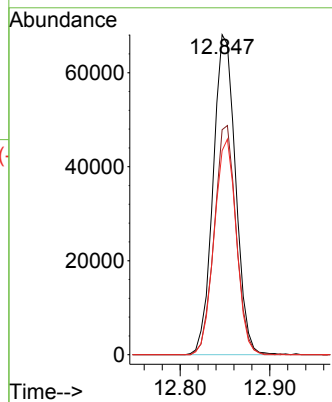
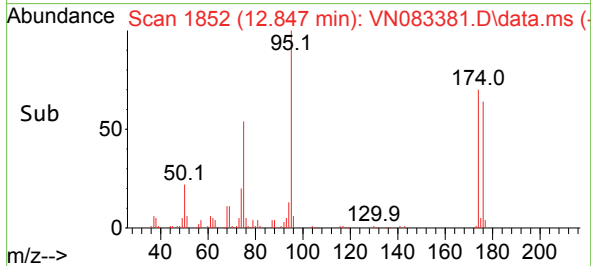


#62
4-Bromofluorobenzene
Concen: 49.958 ug/l
RT: 12.847 min Scan# 118225
Delta R.T. -0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Instrument :
MSVOA_N
ClientSampleId :

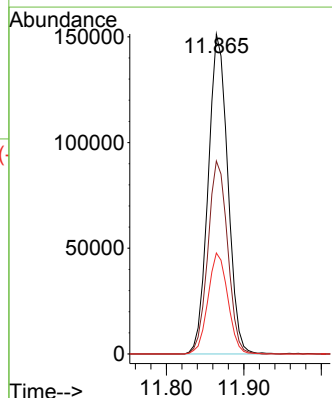
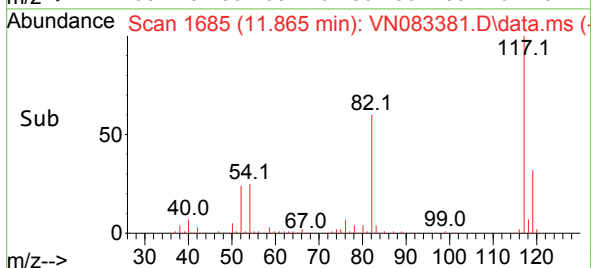
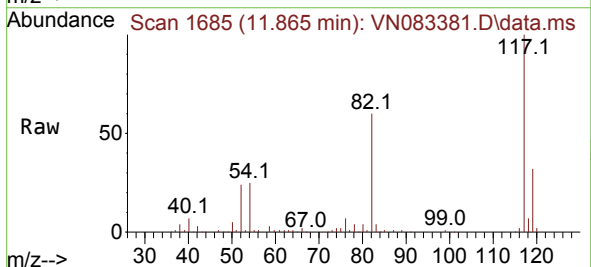


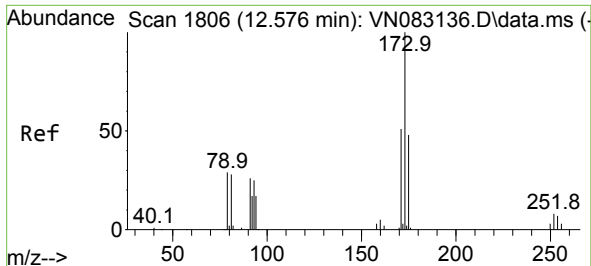
Tgt Ion: 95 Resp: 118225
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 66.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

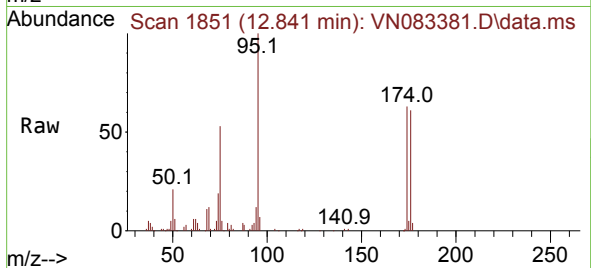
Tgt Ion: 117 Resp: 265791
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 31.5 25.6 38.4



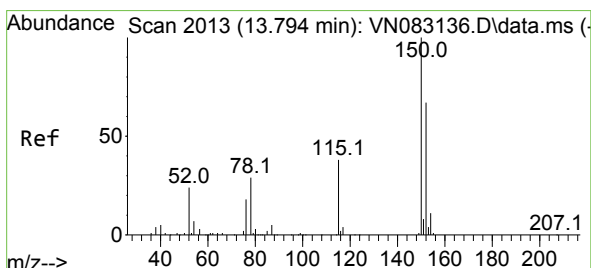
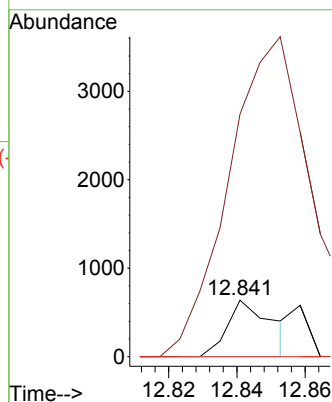
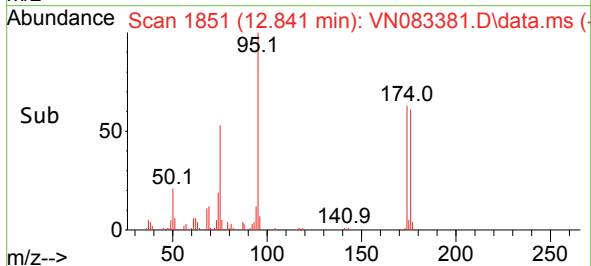


#71
Bromoform
Concen: 0.371 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

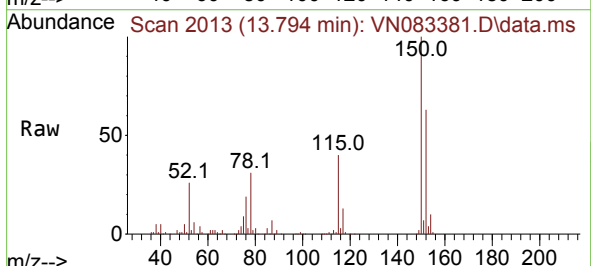
Instrument :
MSVOA_N
ClientSampleId :



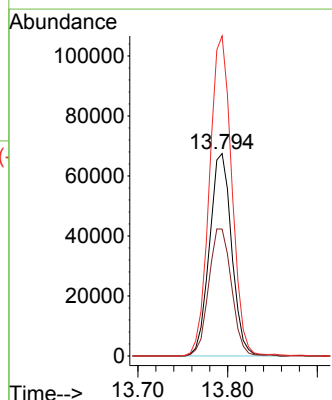
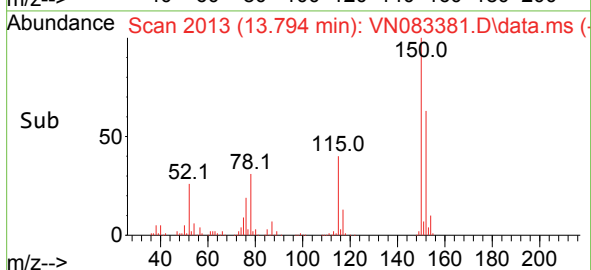
Tgt Ion:173 Resp: 582
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0

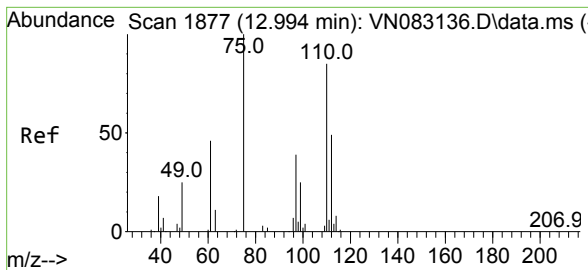


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42



Tgt Ion:152 Resp: 115723
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 159.4 0.0 348.6

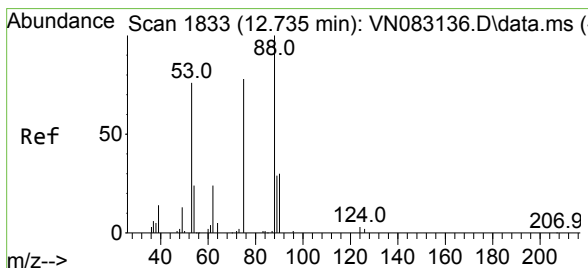
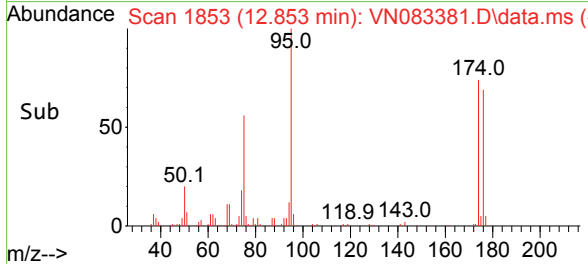
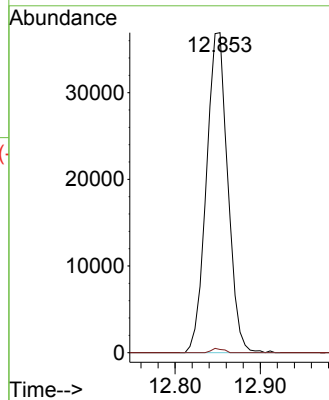
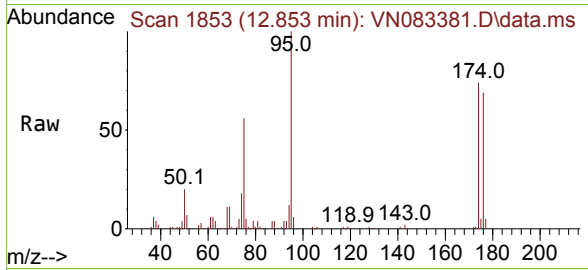




#76
1,2,3-Trichloropropane
Concen: 25.317 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 64302
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.071 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Tgt Ion: 75 Resp: 64302
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

