

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083177.D
 Acq On : 09 Aug 2024 13:10
 Operator : JC\MD
 Sample : P3393-27
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 00:55:35 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)

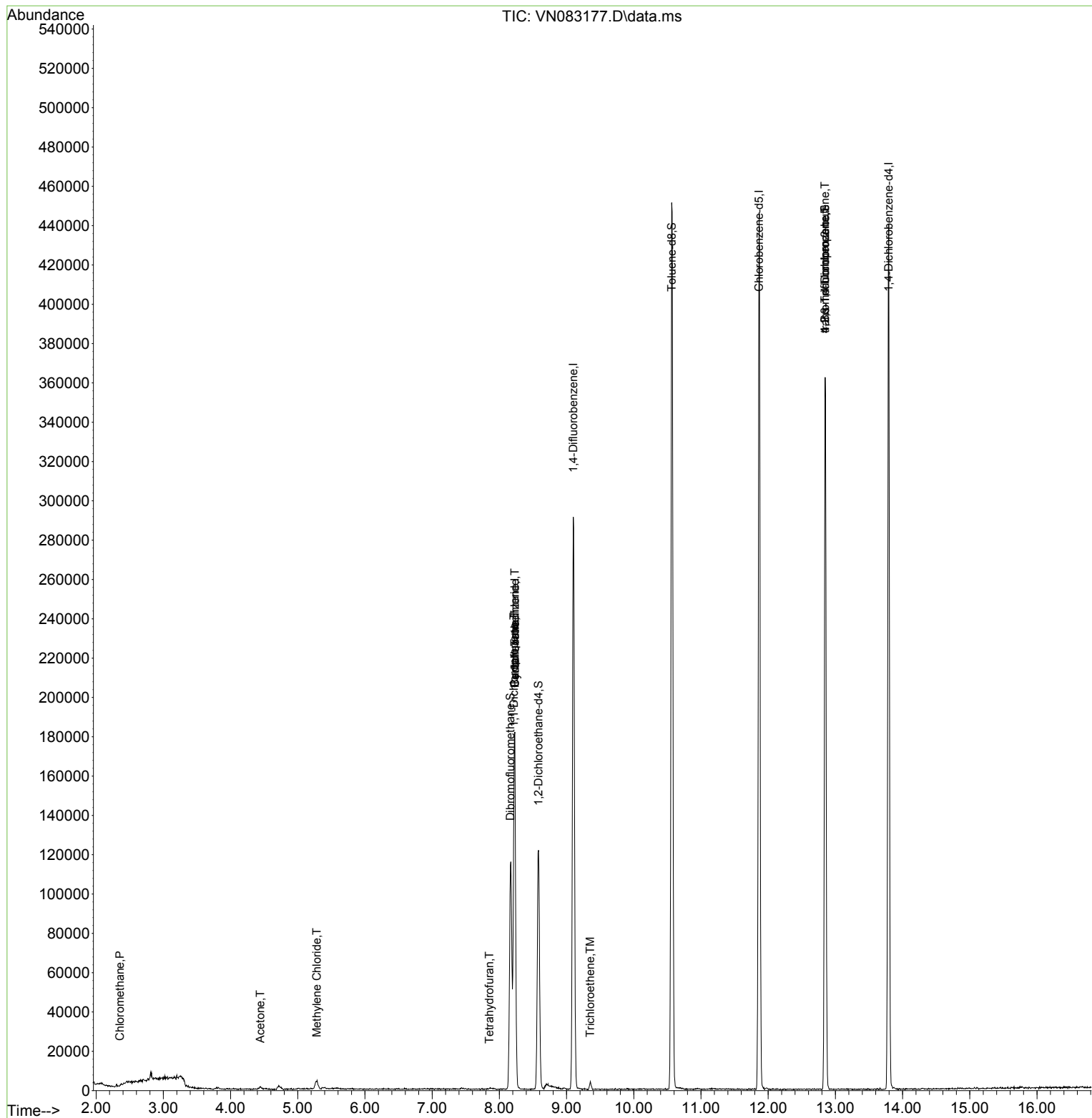
Internal Standards						
1) Pentafluorobenzene	8.230	168	128604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106100	57.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.920%	
35) Dibromofluoromethane	8.165	113	84725	55.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.120%	
50) Toluene-d8	10.565	98	313280	54.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.160%	
62) 4-Bromofluorobenzene	12.847	95	133491	59.655	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 119.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	359	0.240	ug/l #	43
16) Acetone	4.442	43	2135	2.981	ug/l	94
20) Methylene Chloride	5.283	84	3257	1.976	ug/l	89
29) Tetrahydrofuran	7.853	42	442	0.622	ug/l #	38
31) Cyclohexane	8.230	56	3360	1.239	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11599	4.983	ug/l #	51
38) Carbon Tetrachloride	8.230	117	14796	5.644	ug/l #	17
43) Isopropyl Acetate	8.688	43	1907	Below Cal	#	60
44) Trichloroethene	9.353	130	1441	0.873	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	73081	29.599	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73081	64.386	ug/l #	6

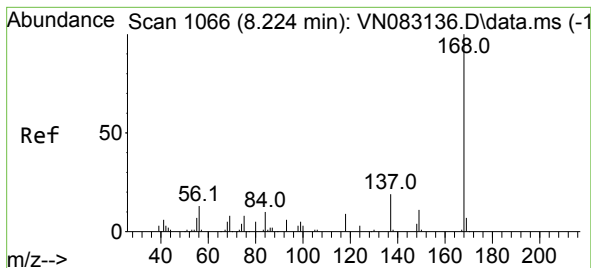
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
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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: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN083177.D

Acq: 09 Aug 2024 13:10

Instrument :

MSVOA_N

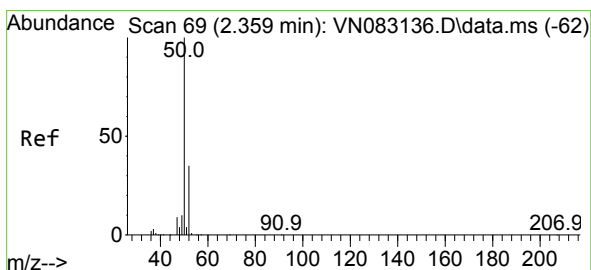
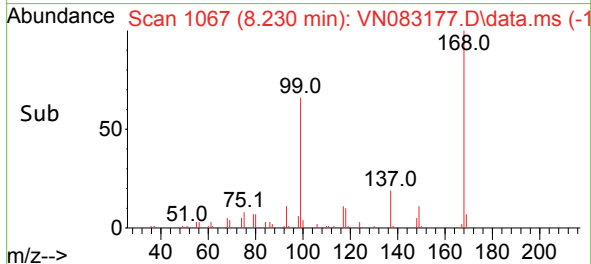
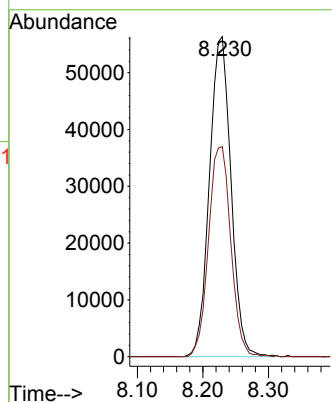
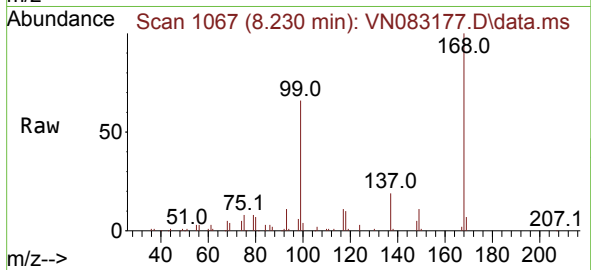
ClientSampleId :

Tgt Ion:168 Resp: 128604

Ion Ratio Lower Upper

168 100

99 65.6 48.2 72.4



#3

Chloromethane

Concen: 0.240 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN083177.D

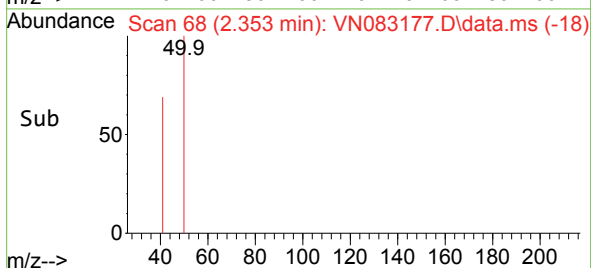
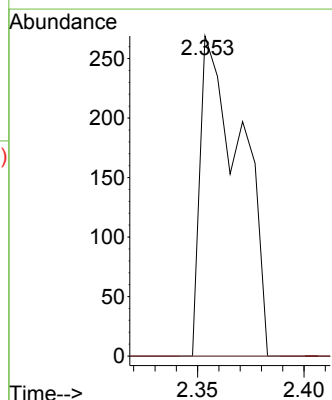
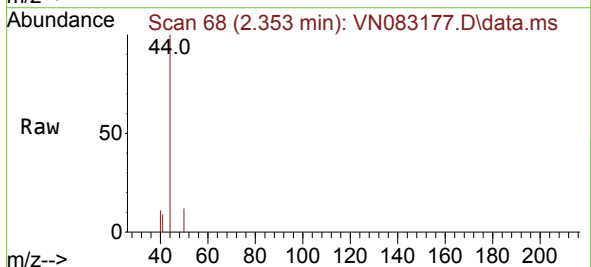
Acq: 09 Aug 2024 13:10

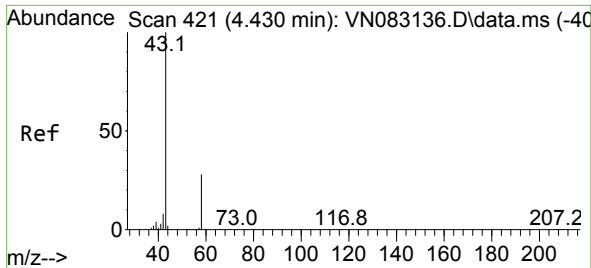
Tgt Ion: 50 Resp: 359

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

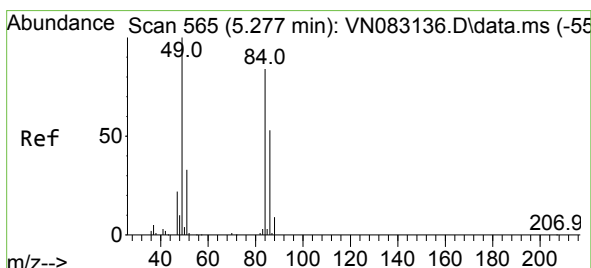
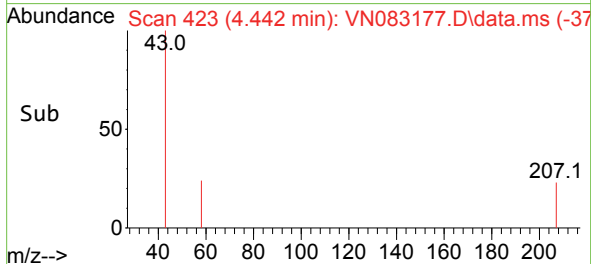
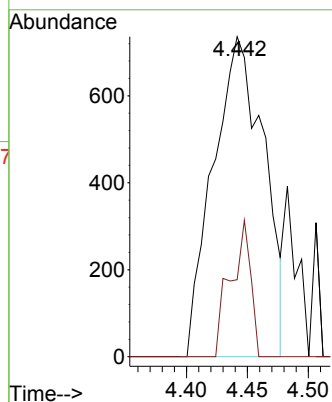
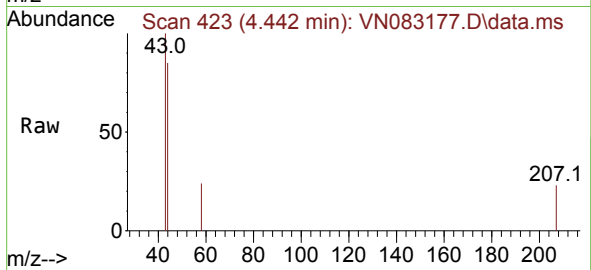




#16
Acetone
Concen: 2.981 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

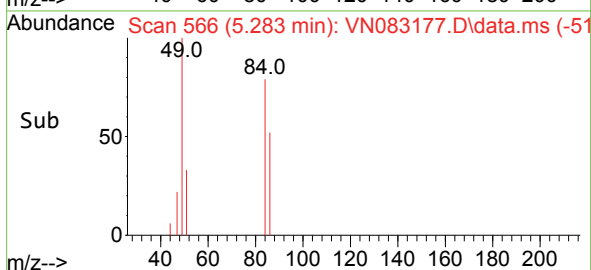
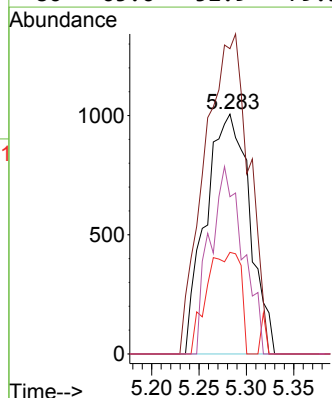
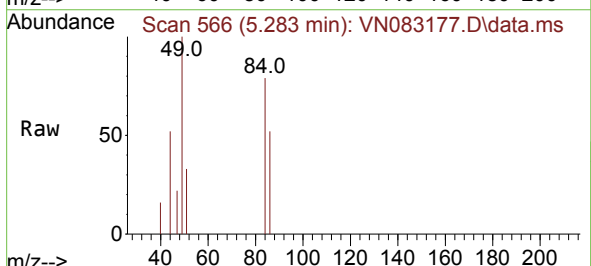
Instrument :
MSVOA_N
ClientSampleId :

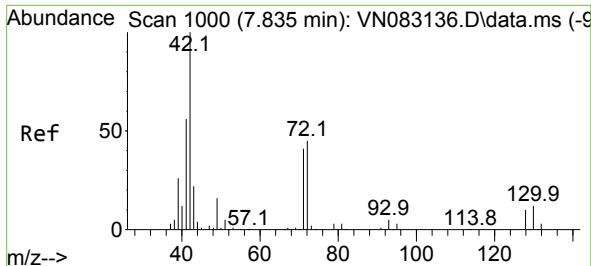
Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
58 24.0 21.8 32.6



#20
Methylene Chloride
Concen: 1.976 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

Tgt Ion: 84 Resp: 3257
Ion Ratio Lower Upper
84 100
49 127.2 119.6 179.4
51 42.3 34.8 52.2
86 65.6 52.9 79.3





#29

Tetrahydrofuran

Concen: 0.622 ug/l

RT: 7.853 min Scan# 1000

Delta R.T. 0.018 min

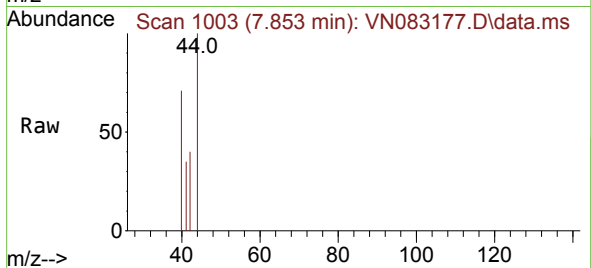
Lab File: VN083177.D

Acq: 09 Aug 2024 13:10

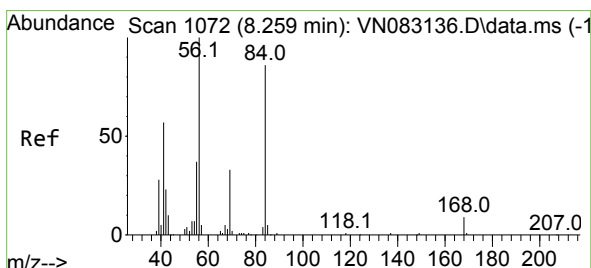
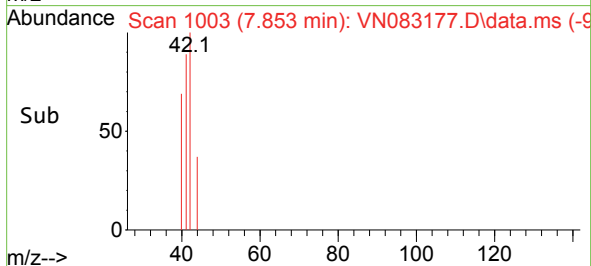
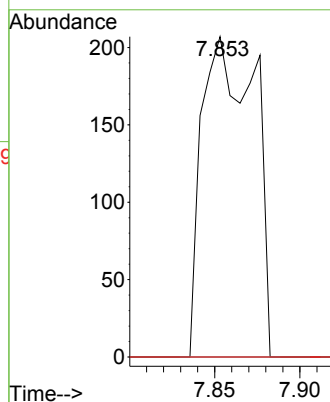
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	442
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.239 ug/l

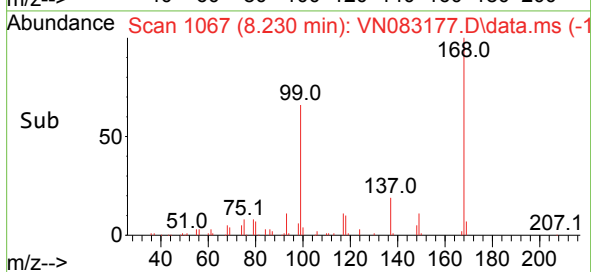
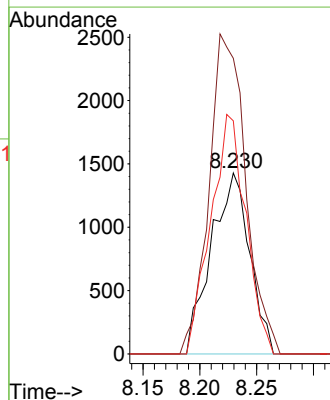
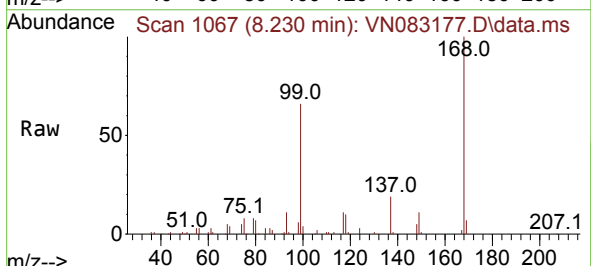
RT: 8.230 min Scan# 1067

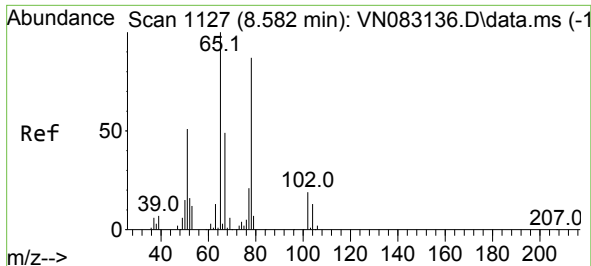
Delta R.T. -0.029 min

Lab File: VN083177.D

Acq: 09 Aug 2024 13:10

Tgt Ion:	56	Resp:	3360
Ion	Ratio	Lower	Upper
56	100		
69	163.3	24.5	36.7#
84	128.8	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.961 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083177.D

Acq: 09 Aug 2024 13:10

Instrument :

MSVOA_N

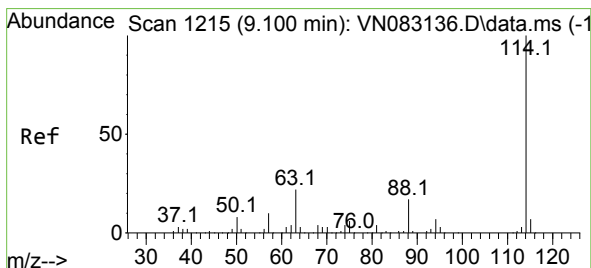
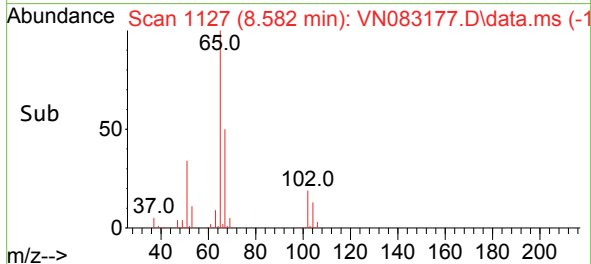
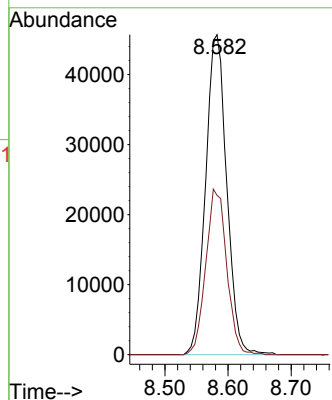
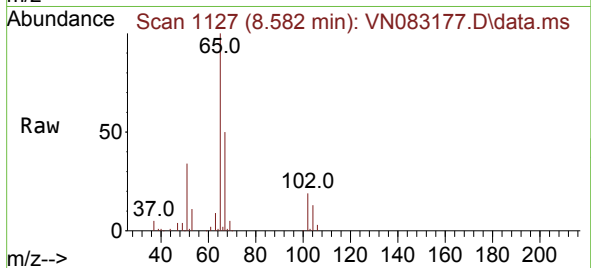
ClientSampleId :

Tgt Ion: 65 Resp: 106100

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083177.D

Acq: 09 Aug 2024 13:10

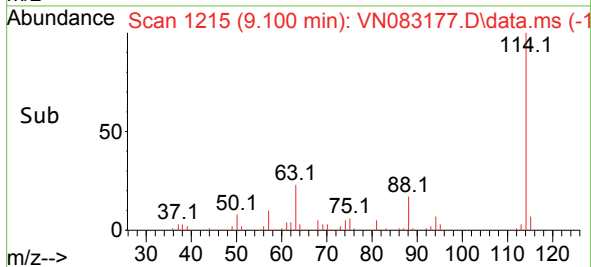
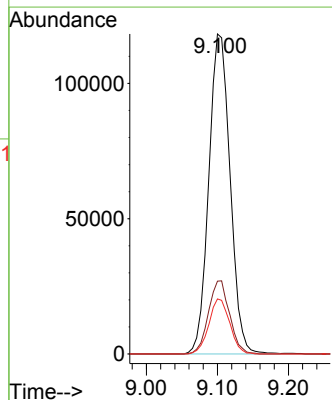
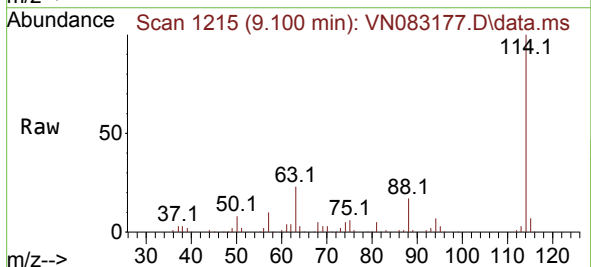
Tgt Ion: 114 Resp: 246521

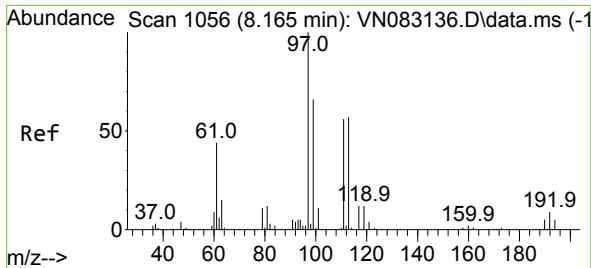
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

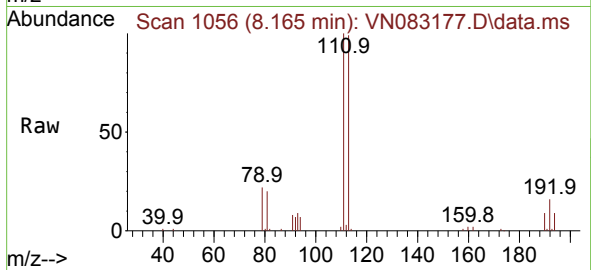
88 17.2 0.0 31.4



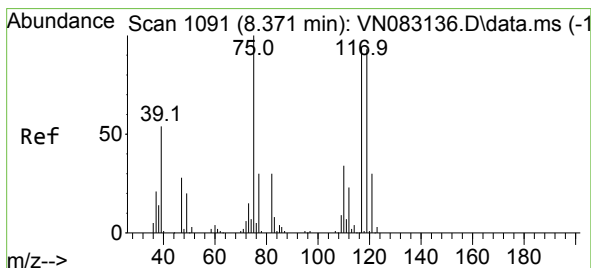
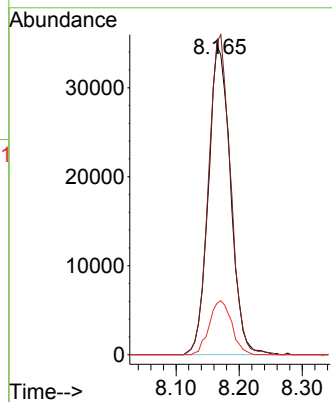
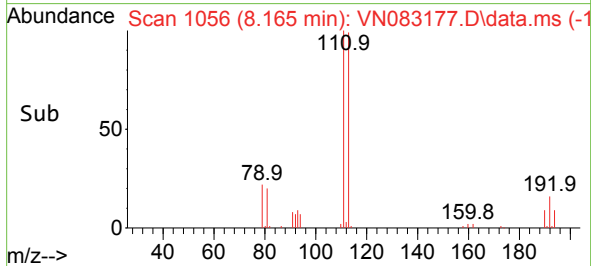


#35
Dibromofluoromethane
Concen: 55.062 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :

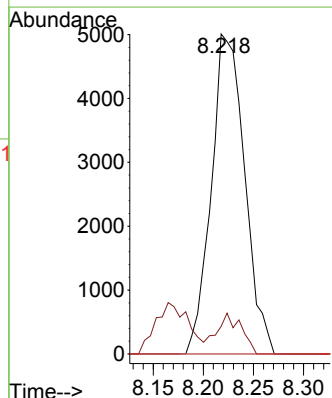
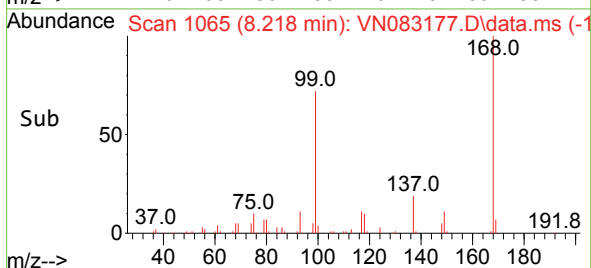
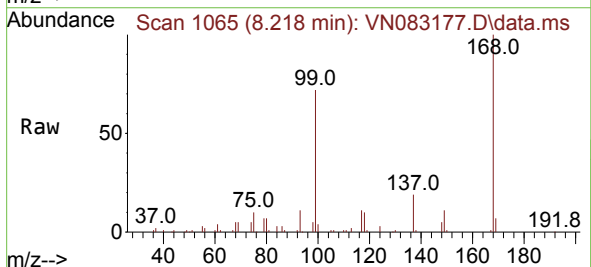


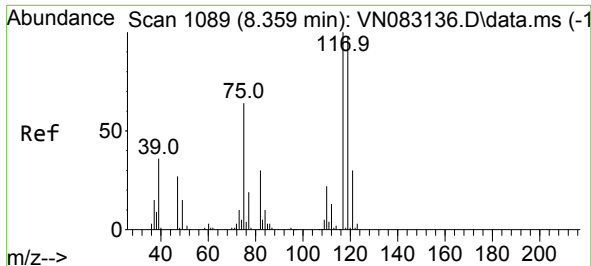
Tgt Ion:113 Resp: 84725
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 17.7 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.983 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

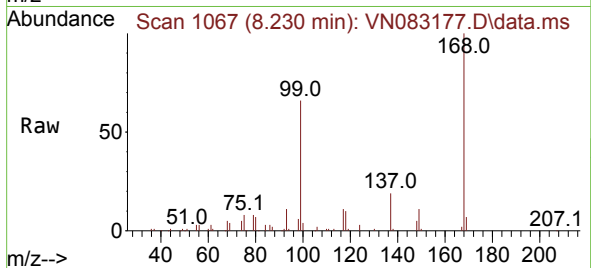
Tgt Ion: 75 Resp: 11599
Ion Ratio Lower Upper
75 100
110 9.4 16.3 48.9#
77 0.0 24.6 37.0#



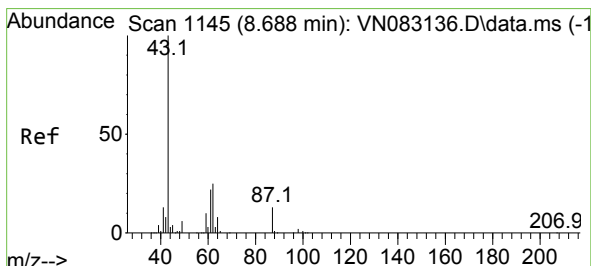
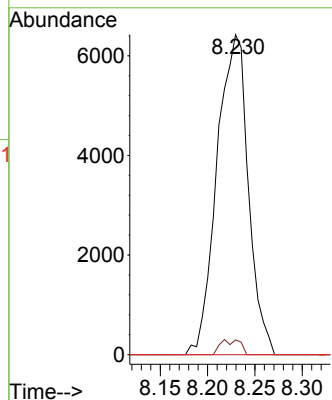
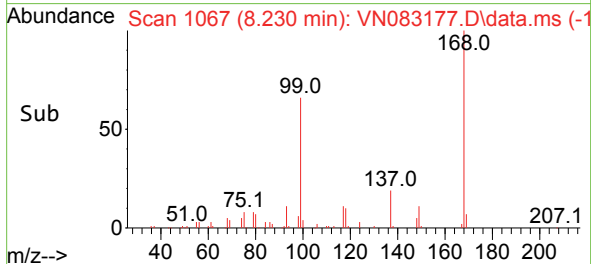


#38
Carbon Tetrachloride
Concen: 5.644 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :

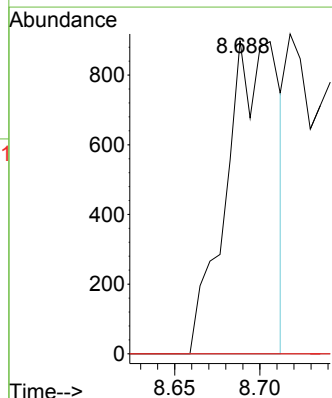
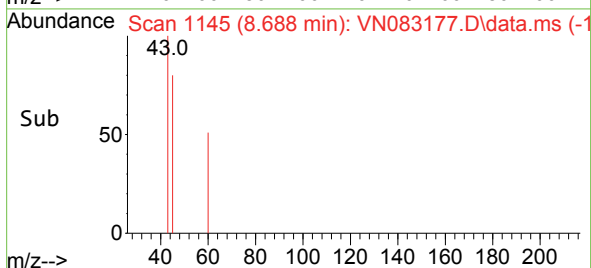
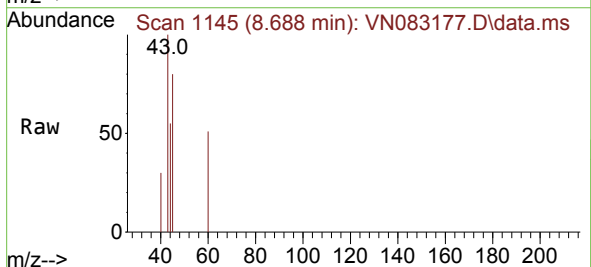


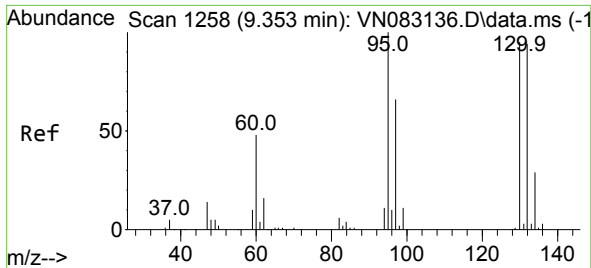
Tgt Ion:117 Resp: 14796
Ion Ratio Lower Upper
117 100
119 4.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

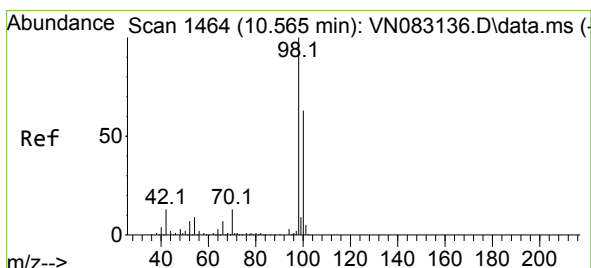
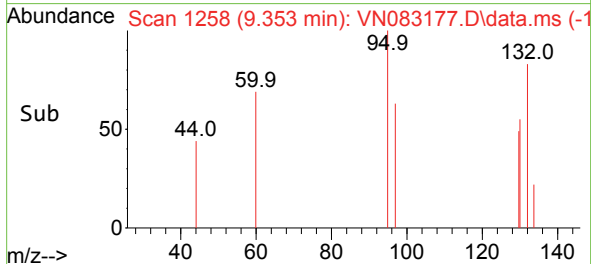
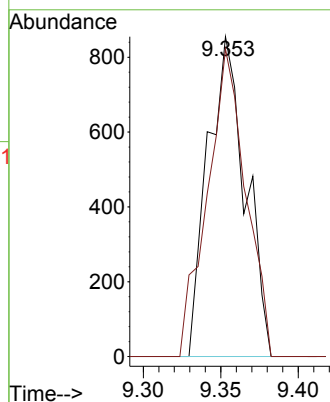
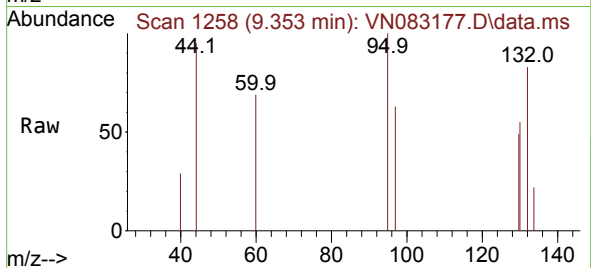




#44
Trichloroethene
Concen: 0.873 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

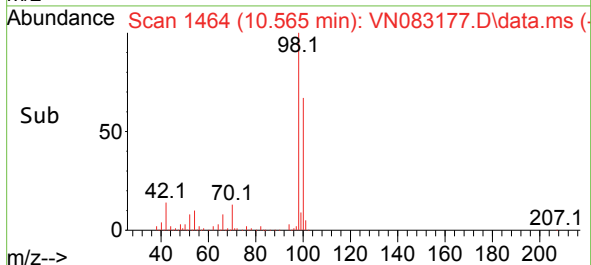
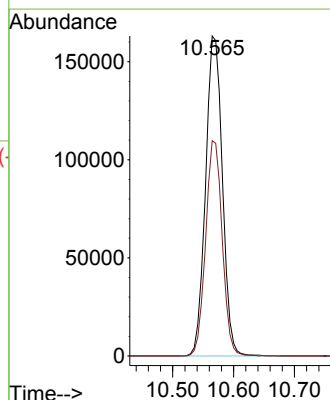
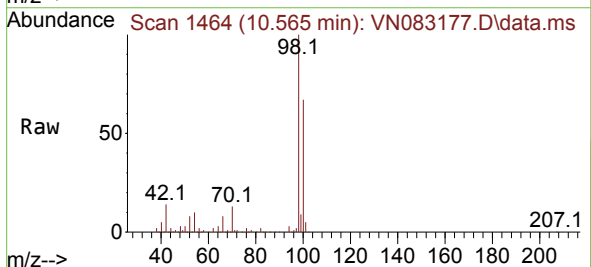
Instrument :
MSVOA_N
ClientSampleId :

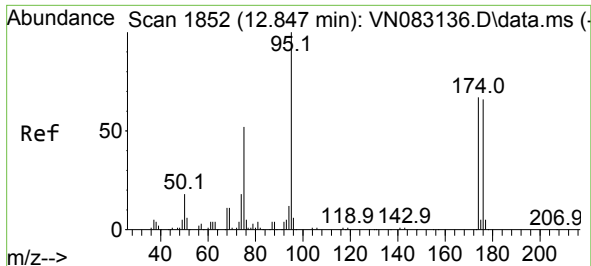
Tgt Ion:130 Resp: 1441
Ion Ratio Lower Upper
130 100
95 96.1 0.0 197.8



#50
Toluene-d8
Concen: 54.580 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

Tgt Ion: 98 Resp: 313280
Ion Ratio Lower Upper
98 100
100 66.2 51.5 77.3

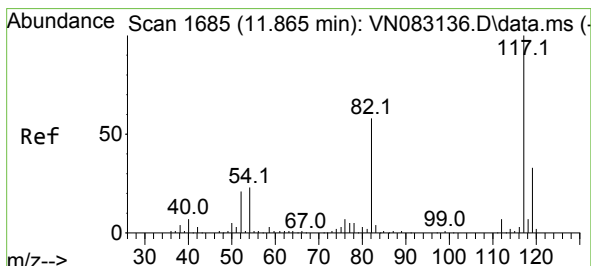
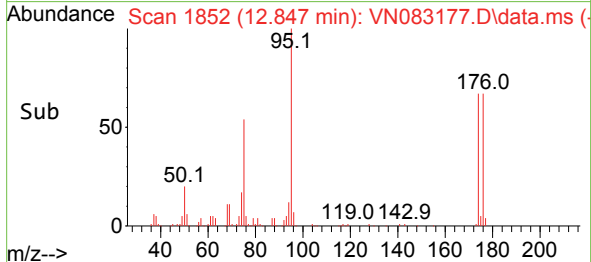
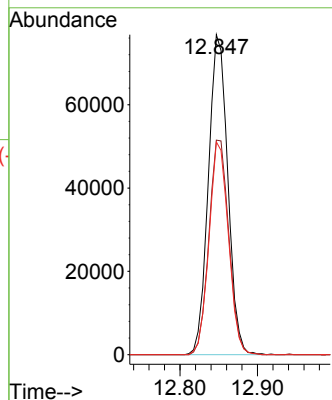
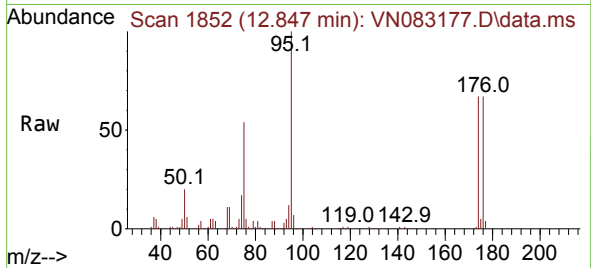




#62
4-Bromofluorobenzene
Concen: 59.655 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

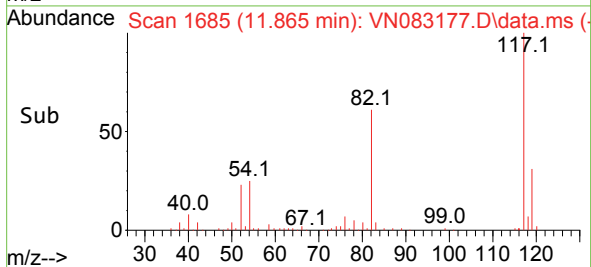
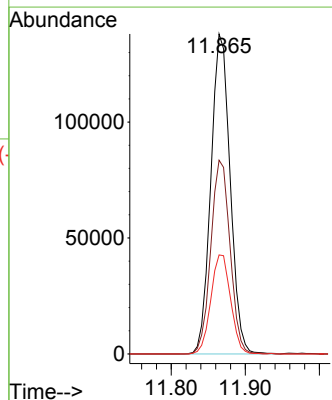
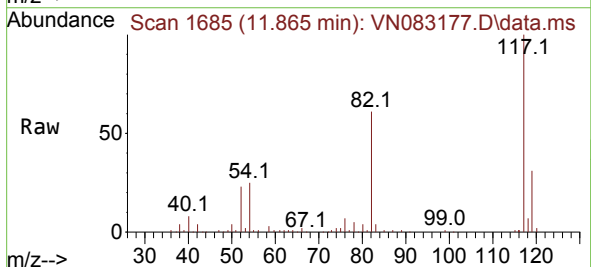
Instrument :
MSVOA_N
ClientSampleId :

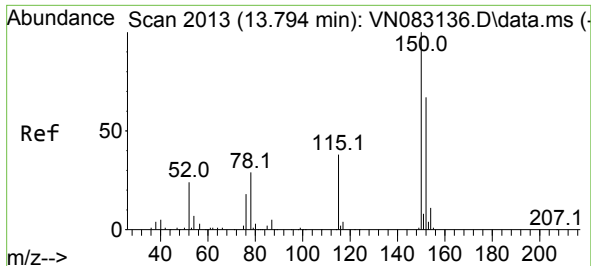
Tgt Ion: 95 Resp: 133491
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 66.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083177.D
Acq: 09 Aug 2024 13:10

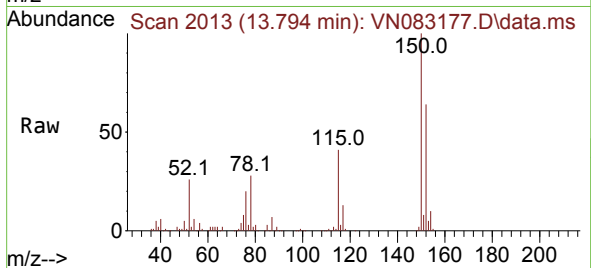
Tgt Ion: 117 Resp: 249338
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.0 25.6 38.4



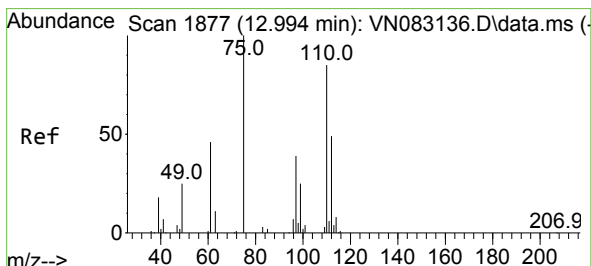
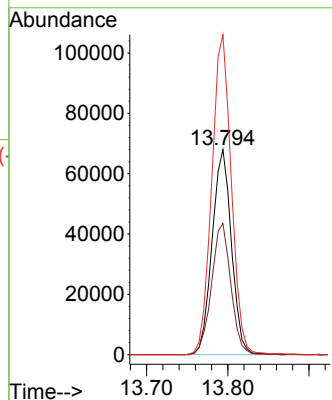
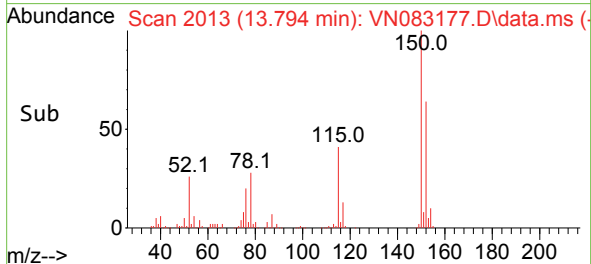


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083177.D
 Acq: 09 Aug 2024 13:10

Instrument :
 MSVOA_N
 ClientSampleId :

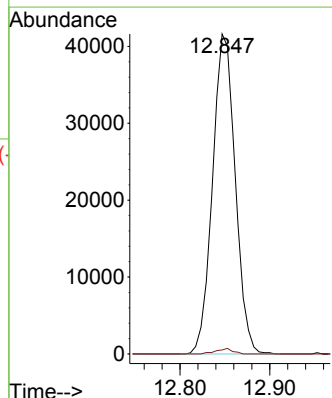
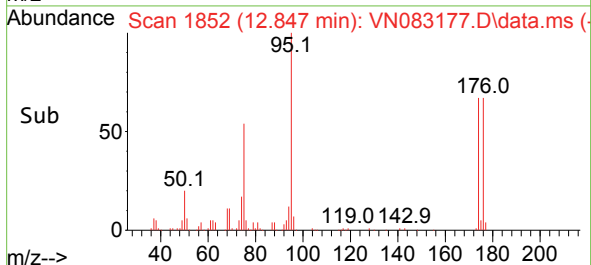
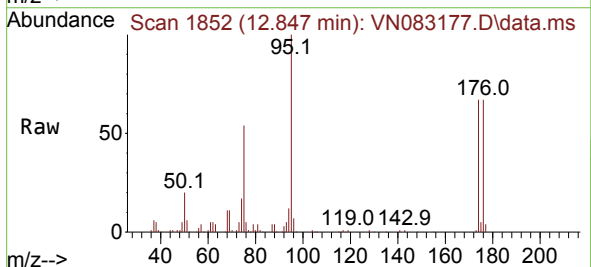


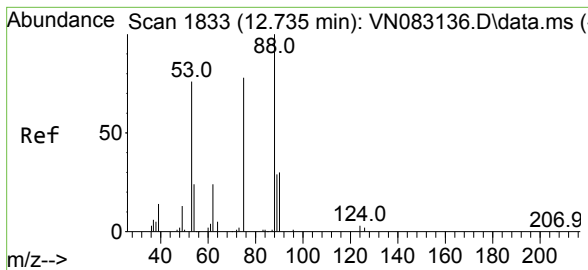
Tgt Ion:152 Resp: 112496
 Ion Ratio Lower Upper
 152 100
 115 64.0 30.6 91.6
 150 158.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.599 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083177.D
 Acq: 09 Aug 2024 13:10

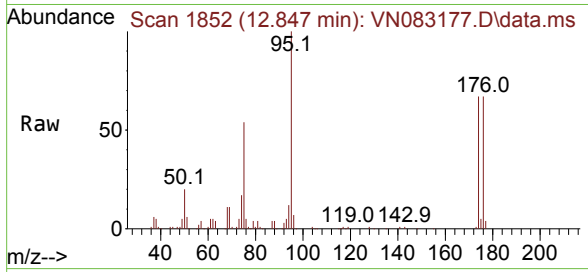
Tgt Ion: 75 Resp: 73081
 Ion Ratio Lower Upper
 75 100
 77 1.3 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.386 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083177.D
 Acq: 09 Aug 2024 13:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	73081
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.1	36.3	54.5#

