

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083477.D
 Acq On : 26 Aug 2024 13:19
 Operator : JC\MD
 Sample : P3716-01DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 01:54:56 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

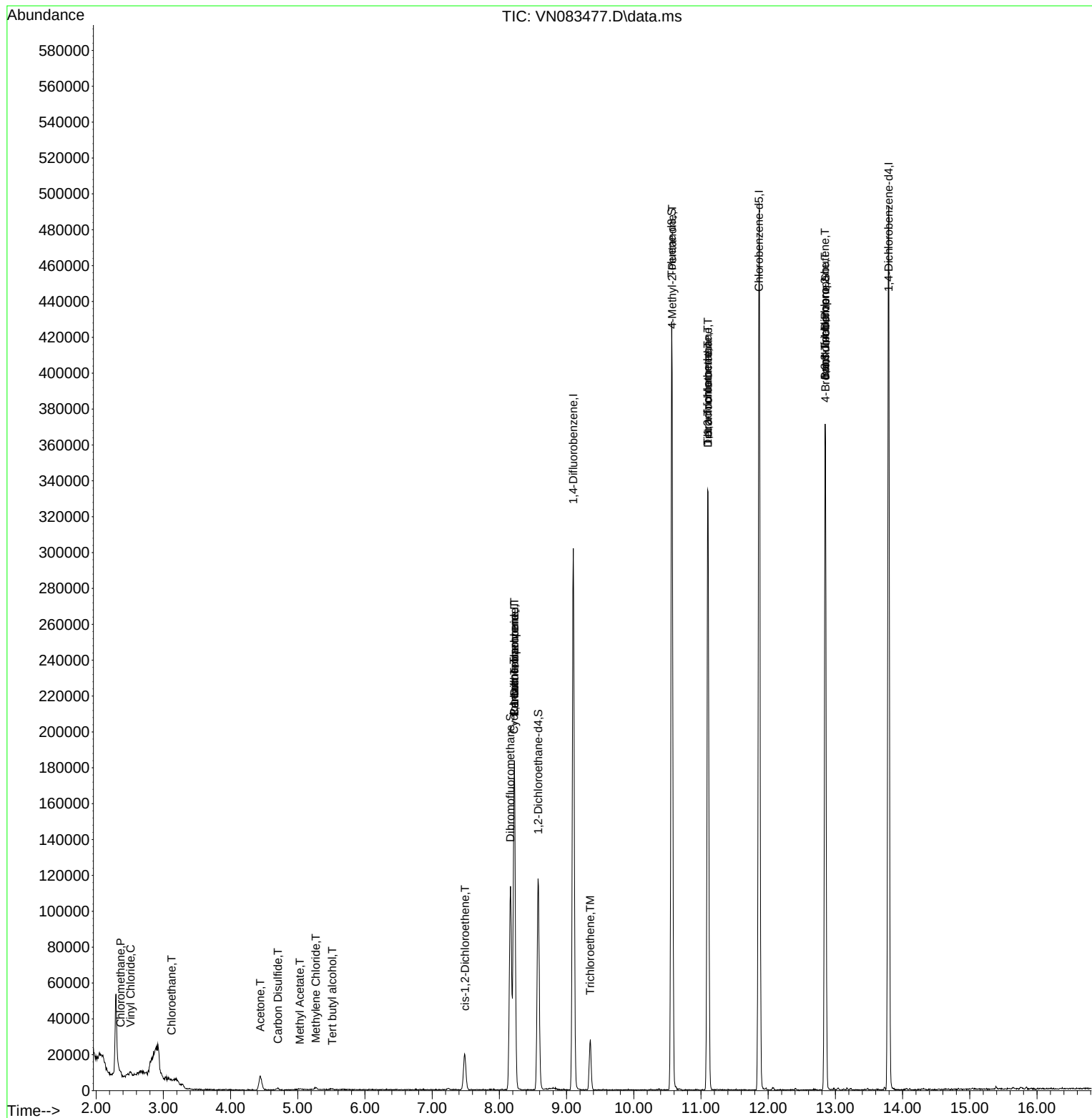
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	124172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101043	57.169	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.340%	
35) Dibromofluoromethane	8.165	113	82936	52.889	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.780%	
50) Toluene-d8	10.565	98	290759	49.707	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.420%	
62) 4-Bromofluorobenzene	12.853	95	131558	57.689	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	115.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	686	0.476	ug/l #	43
4) Vinyl Chloride	2.512	62	1444	0.982	ug/l	93
6) Chloroethane	3.124	64	644	0.700	ug/l #	41
11) Tert butyl alcohol	5.512	59	109	0.297	ug/l #	71
16) Acetone	4.442	43	620	0.896	ug/l #	48
17) Carbon Disulfide	4.706	76	2253	0.559	ug/l #	75
18) Methyl Acetate	5.030	43	1360	0.660	ug/l #	56
20) Methylene Chloride	5.271	84	941	0.591	ug/l #	48
27) cis-1,2-Dichloroethene	7.488	96	11994	6.987	ug/l	82
31) Cyclohexane	8.218	56	3327	1.270	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	11338	4.780	ug/l #	53
38) Carbon Tetrachloride	8.224	117	14573	5.454	ug/l #	16
43) Isopropyl Acetate	8.700	43	545	Below Cal	#	60
44) Trichloroethene	9.353	130	9461	5.625	ug/l	89
51) 4-Methyl-2-Pentanone	10.571	43	1533	0.610	ug/l #	1
55) 1,1,2-Trichloroethane	11.100	97	777	0.486	ug/l #	19
60) Dibromochloromethane	11.106	129	75286	38.916	ug/l #	10
64) Tetrachloroethene	11.100	164	73882	41.054	ug/l	96
71) Bromoform	12.847	173	732	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71791	25.781	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71791	56.081	ug/l #	6

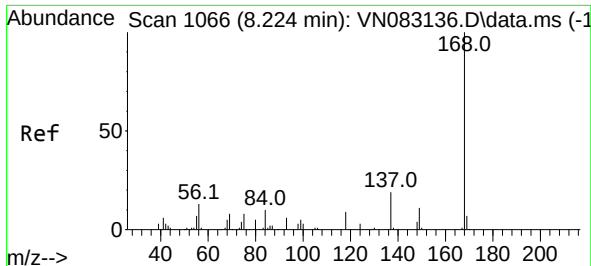
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
Data File : VN083477.D
Acq On : 26 Aug 2024 13:19
Operator : JC\MD
Sample : P3716-01DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

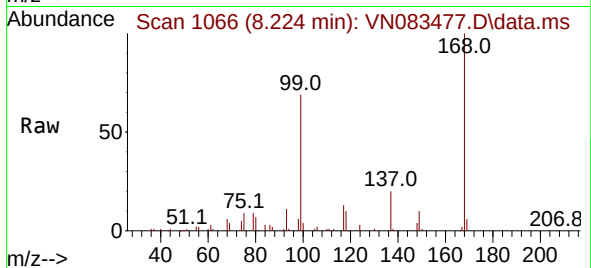
Quant Time: Aug 27 01:54:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



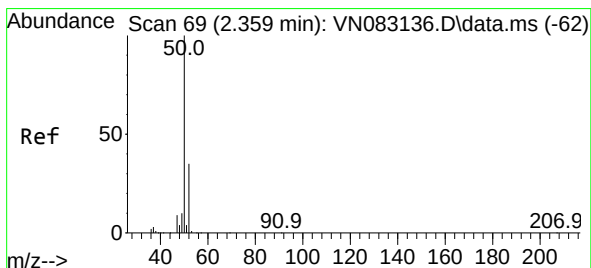
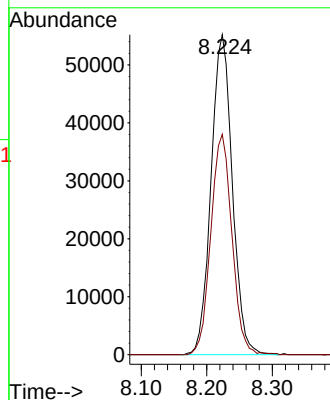
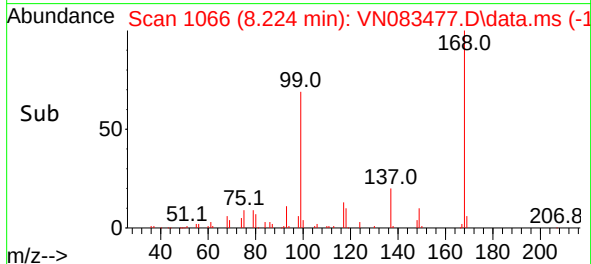


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

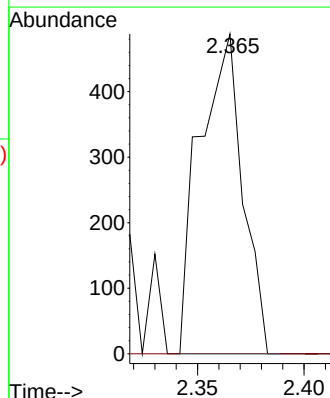
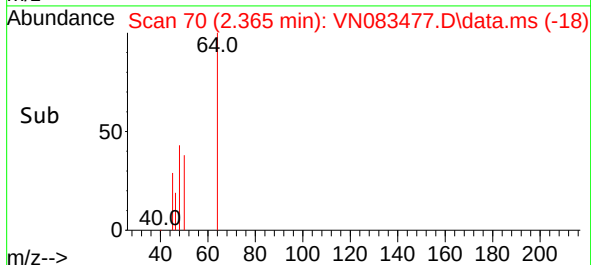
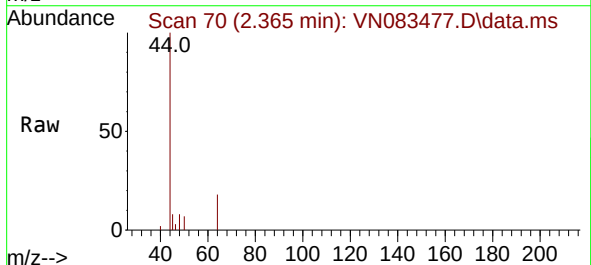


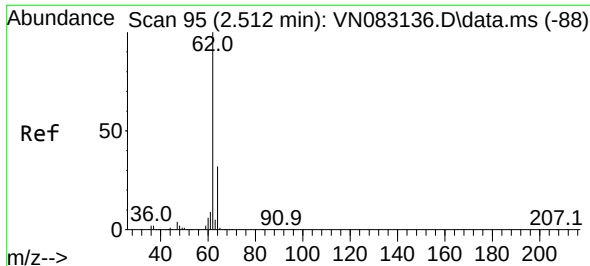
Tgt Ion:168 Resp: 124172
Ion Ratio Lower Upper
168 100
99 68.9 48.2 72.4



#3
Chloromethane
Concen: 0.476 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

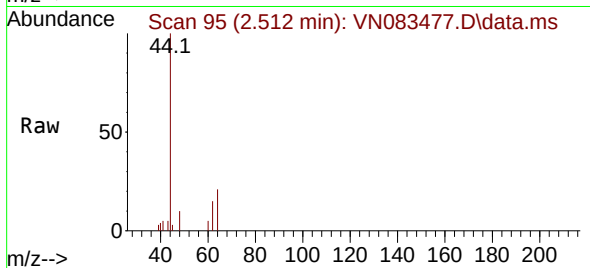
Tgt Ion: 50 Resp: 686
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



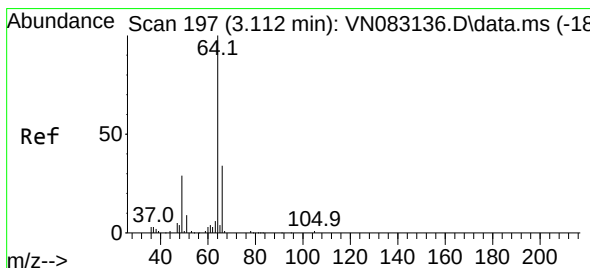
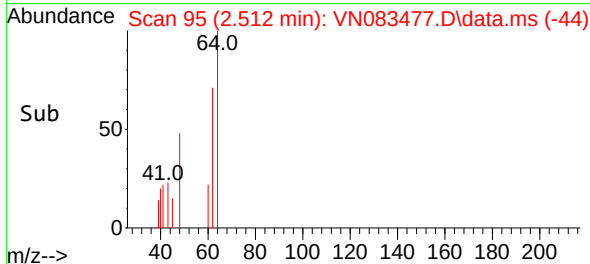
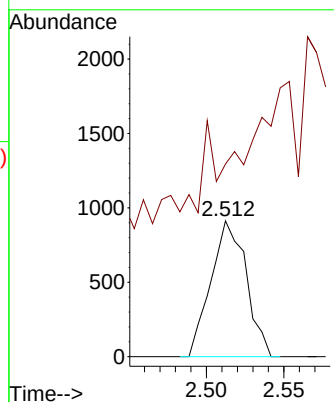


#4
Vinyl Chloride
Concen: 0.982 ug/l
RT: 2.512 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

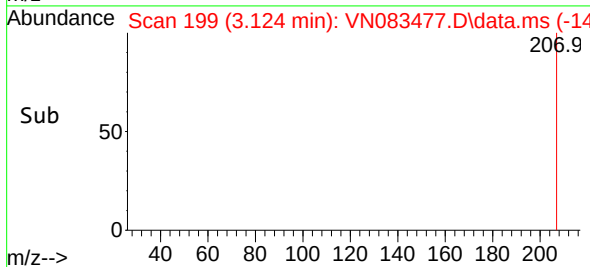
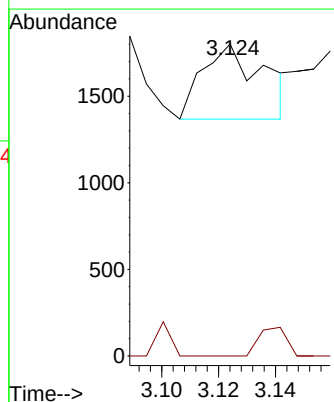
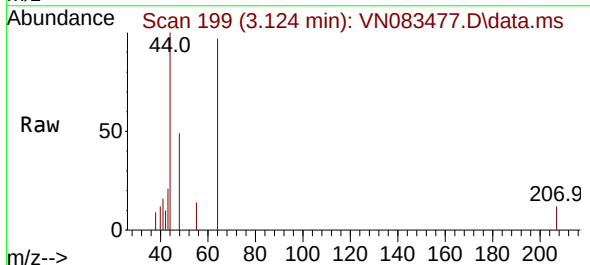


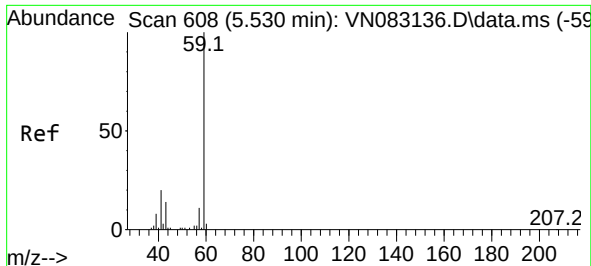
Tgt Ion: 62 Resp: 1444
Ion Ratio Lower Upper
62 100
64 35.3 25.0 37.6



#6
Chloroethane
Concen: 0.700 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

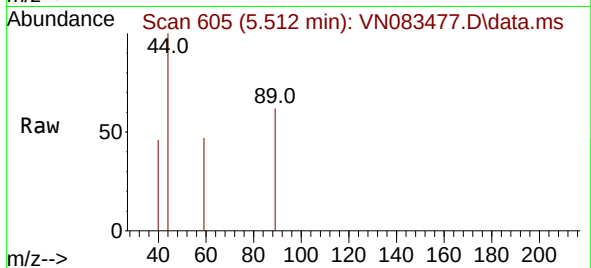
Tgt Ion: 64 Resp: 644
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



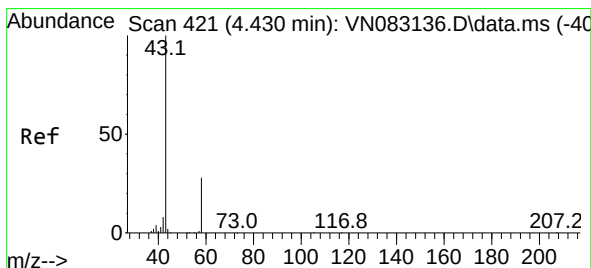
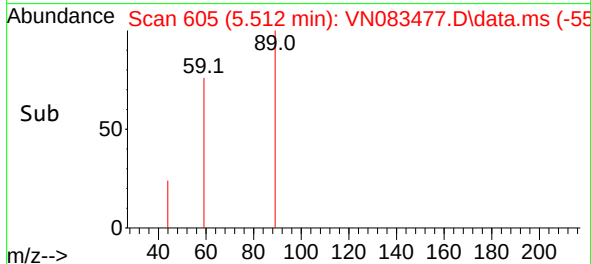
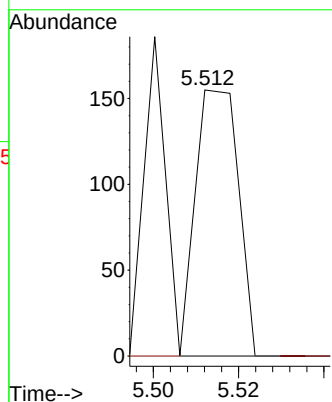


#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

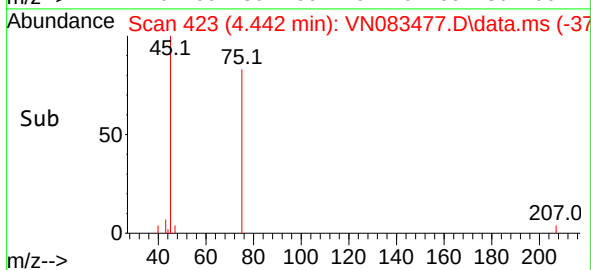
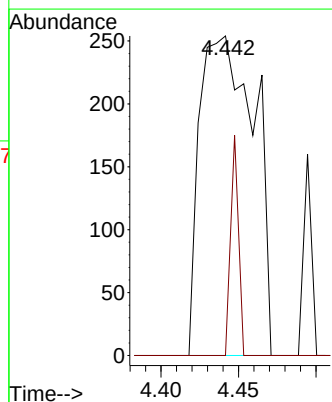
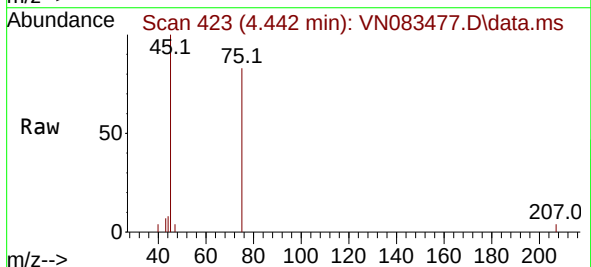


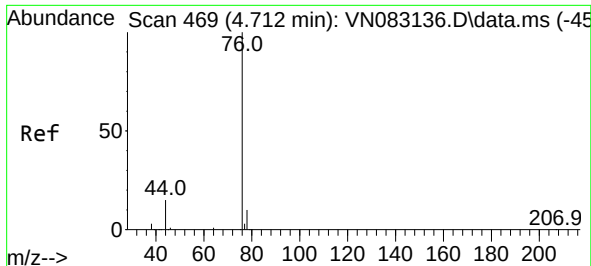
Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 0.896 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

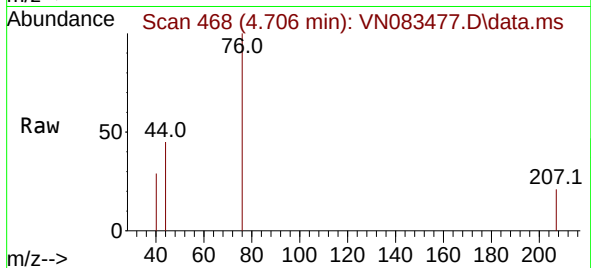
Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



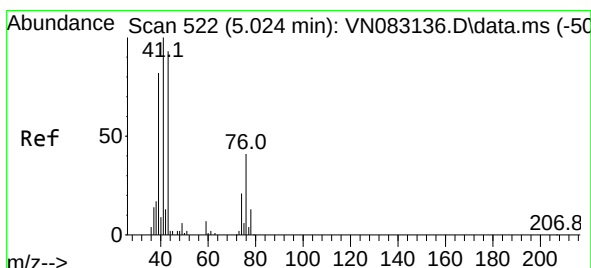
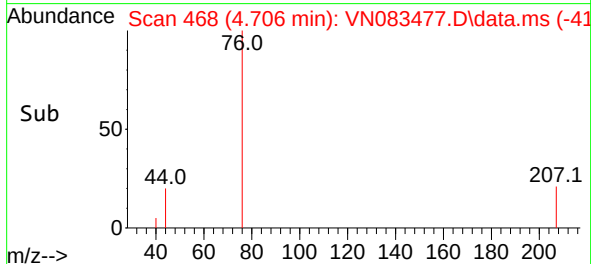
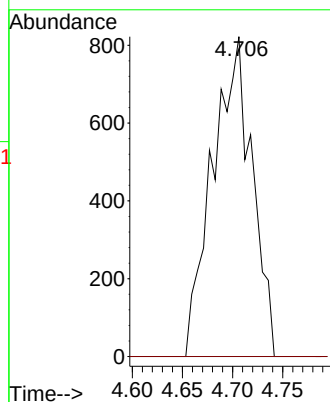


#17
Carbon Disulfide
Concen: 0.559 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

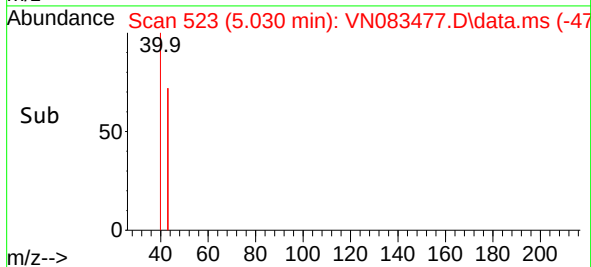
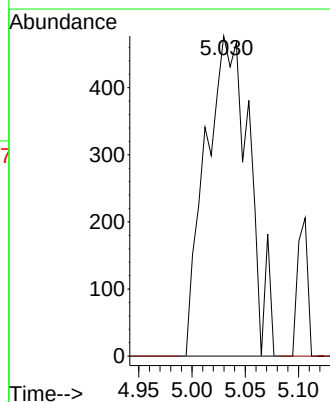
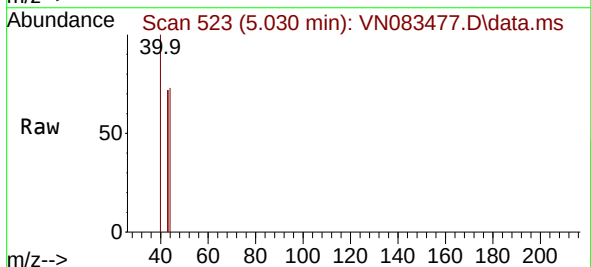


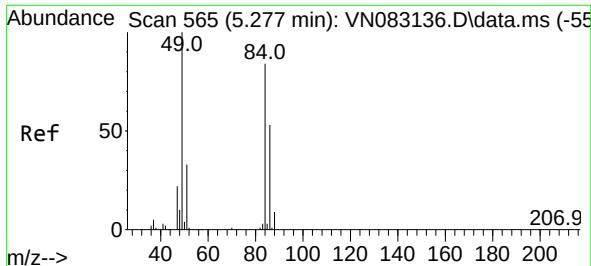
Tgt Ion: 76 Resp: 2253
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.660 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

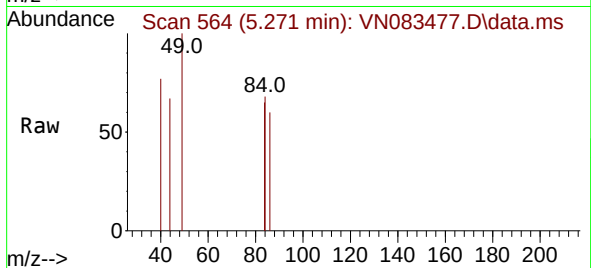
Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



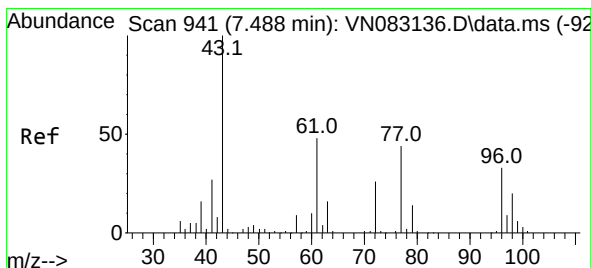
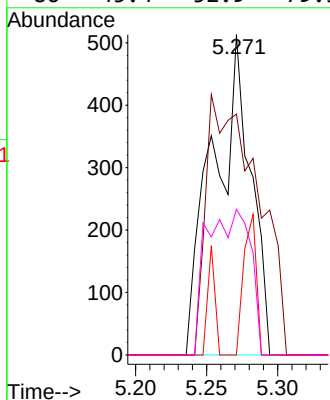
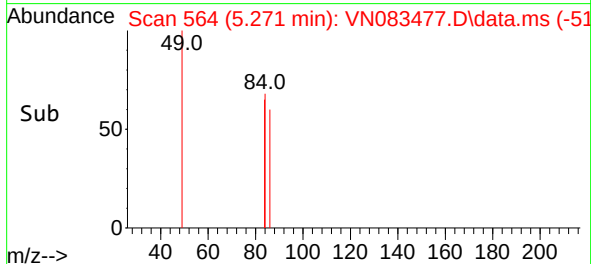


#20
Methylene Chloride
Concen: 0.591 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

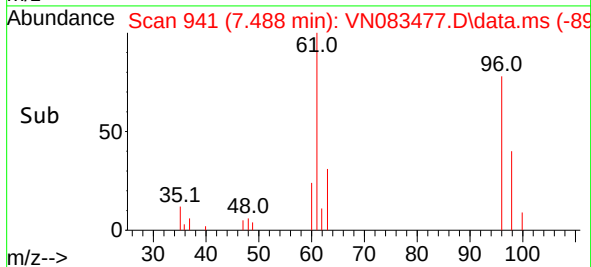
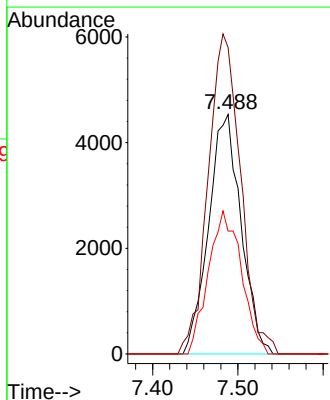
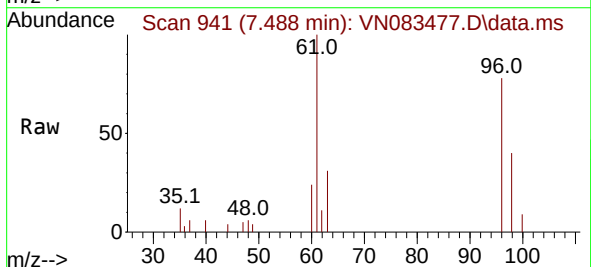


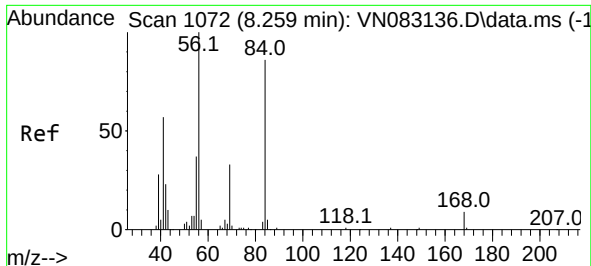
Tgt Ion: 84 Resp: 941
Ion Ratio Lower Upper
84 100
49 75.2 119.6 179.4#
51 0.0 34.8 52.2#
86 45.4 52.9 79.3#



#27
cis-1,2-Dichloroethene
Concen: 6.987 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

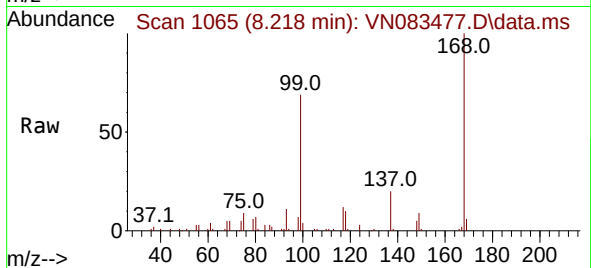
Tgt Ion: 96 Resp: 11994
Ion Ratio Lower Upper
96 100
61 133.4 0.0 329.6
98 60.7 0.0 128.6



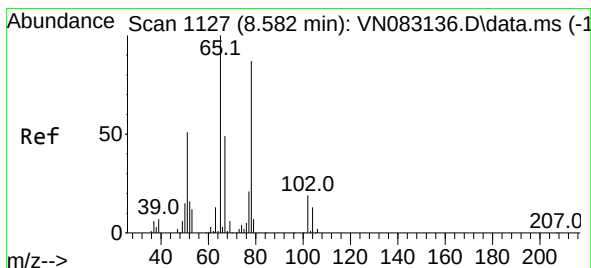
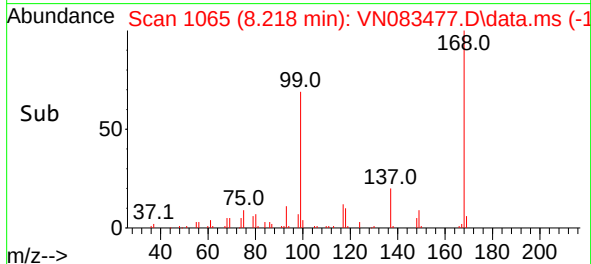
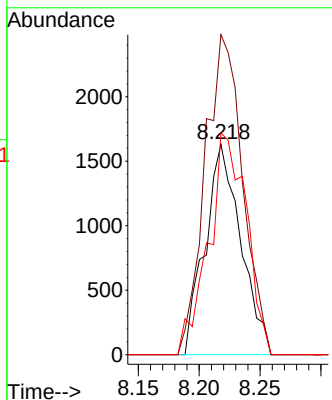


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

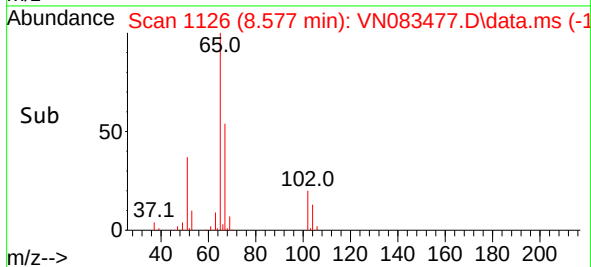
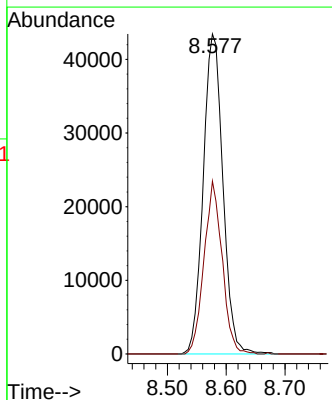
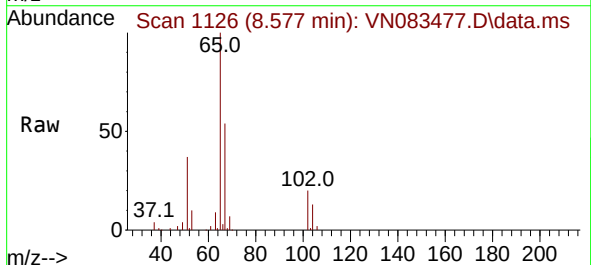


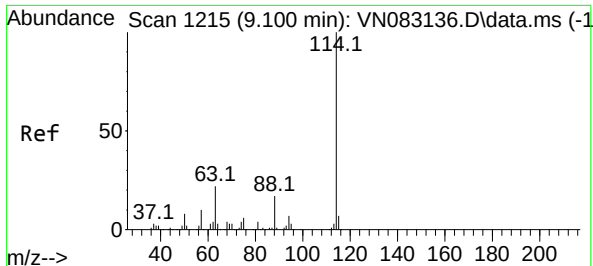
Tgt Ion: 56 Resp: 3327
Ion Ratio Lower Upper
56 100
69 152.1 24.5 36.7#
84 105.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.169 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Tgt Ion: 65 Resp: 101043
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083477.D

Acq: 26 Aug 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

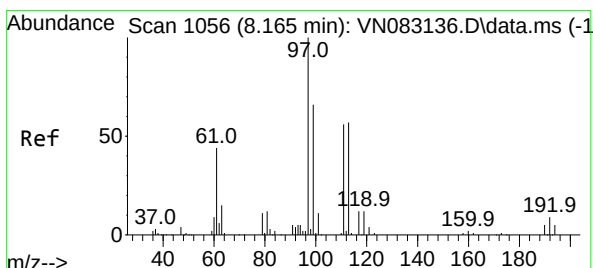
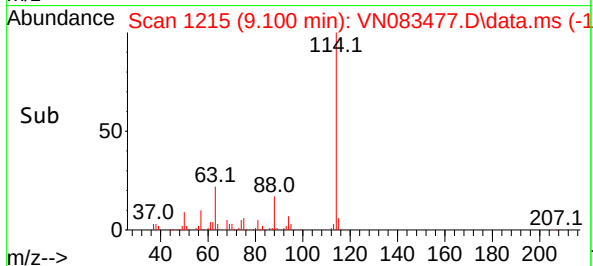
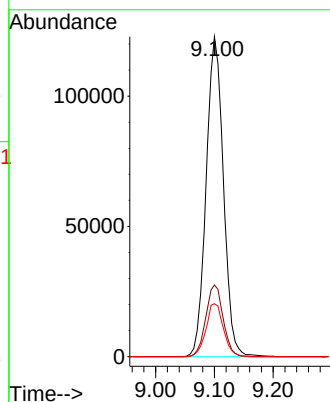
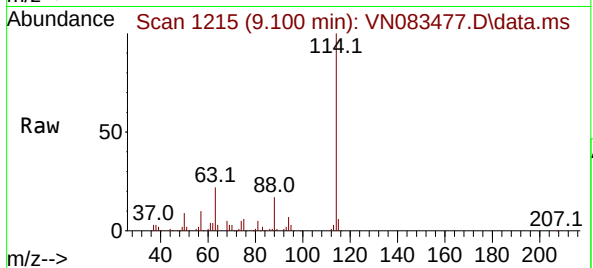
Tgt Ion:114 Resp: 251230

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.889 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083477.D

Acq: 26 Aug 2024 13:19

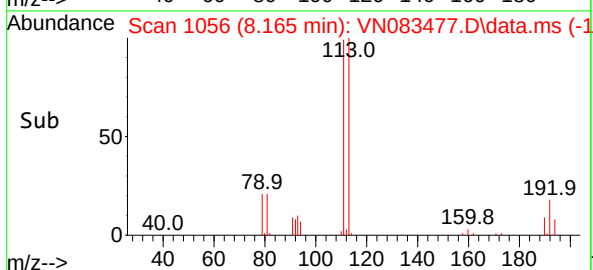
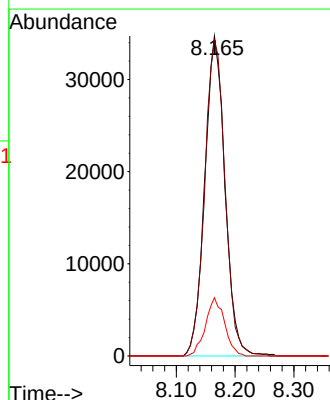
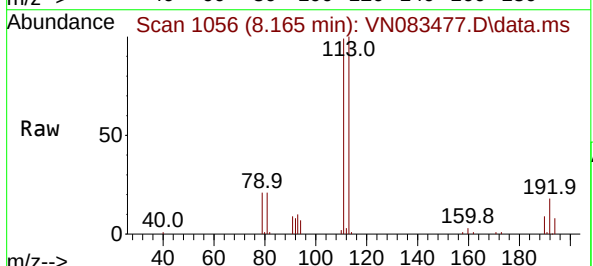
Tgt Ion:113 Resp: 82936

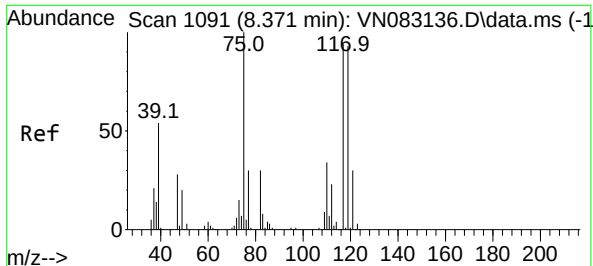
Ion Ratio Lower Upper

113 100

111 99.9 82.4 123.6

192 17.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.780 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083477.D

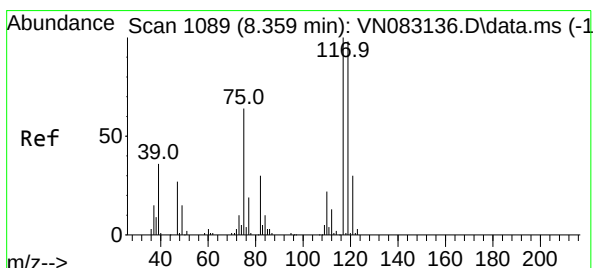
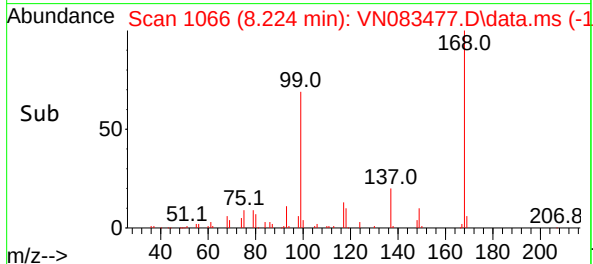
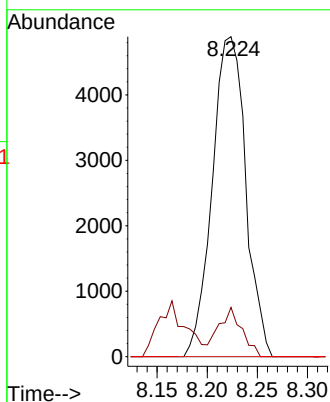
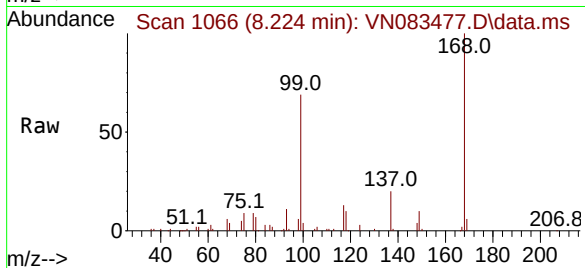
Acq: 26 Aug 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	11338
Ion Ratio	Lower	Upper	
75	100		
110	10.5	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.454 ug/l

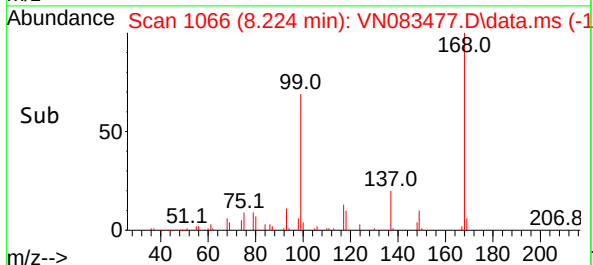
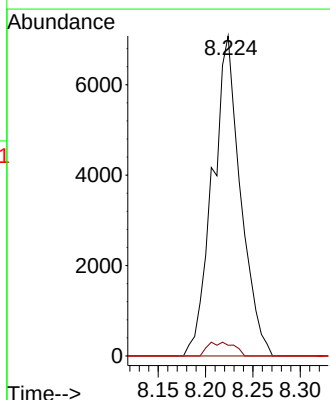
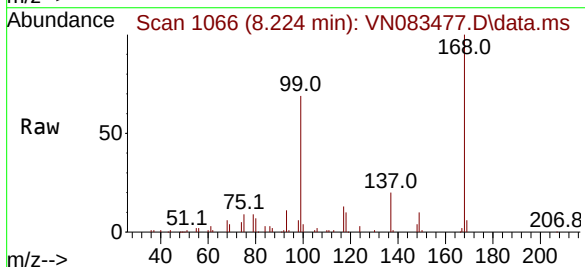
RT: 8.224 min Scan# 1066

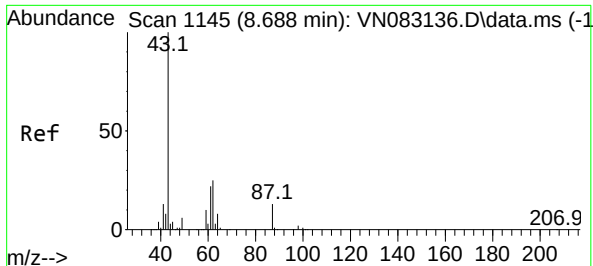
Delta R.T. -0.135 min

Lab File: VN083477.D

Acq: 26 Aug 2024 13:19

Tgt Ion:	117	Resp:	14573
Ion Ratio	Lower	Upper	
117	100		
119	3.4	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1145

Delta R.T. 0.012 min

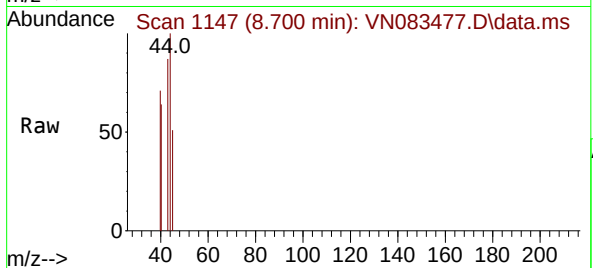
Lab File: VN083477.D

Acq: 26 Aug 2024 13:19

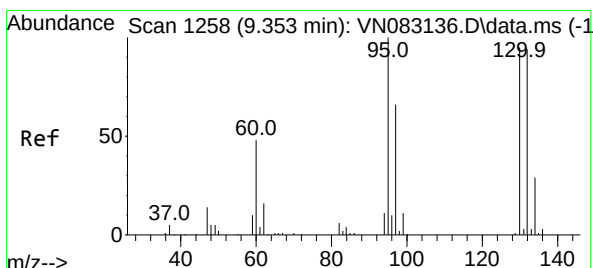
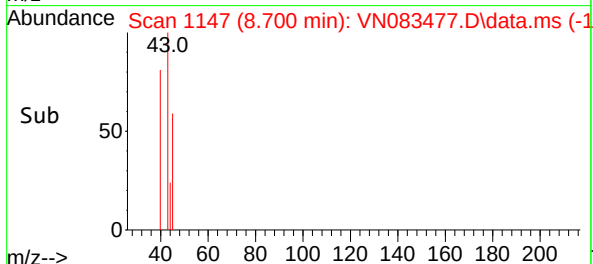
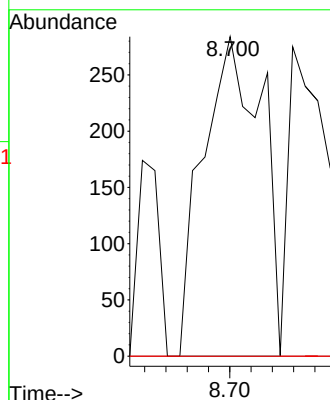
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	545
Ion Ratio	100	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#44

Trichloroethene

Concen: 5.625 ug/l

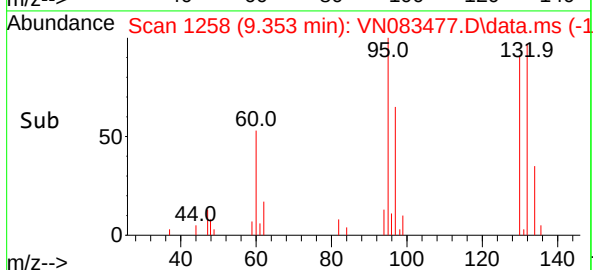
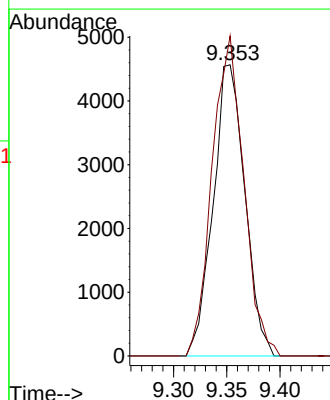
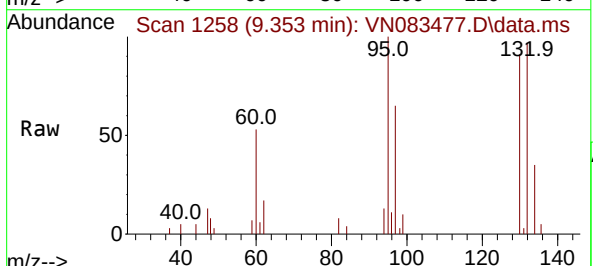
RT: 9.353 min Scan# 1258

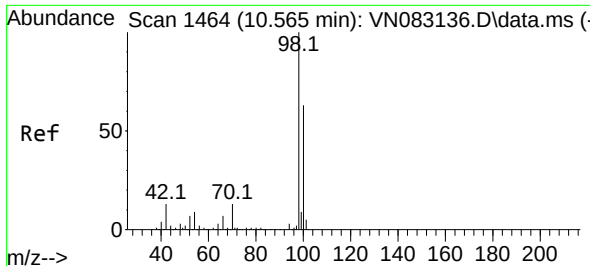
Delta R.T. 0.000 min

Lab File: VN083477.D

Acq: 26 Aug 2024 13:19

Tgt Ion:	130	Resp:	9461
Ion Ratio	100	Lower	Upper
130	100		
95	109.9	0.0	197.8

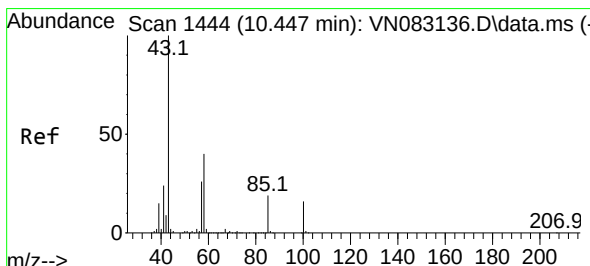
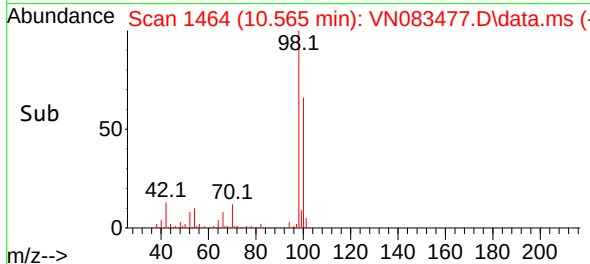
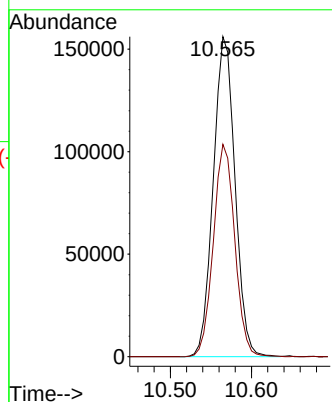
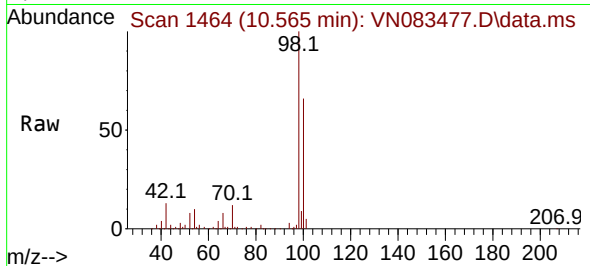




#50
Toluene-d8
Concen: 49.707 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

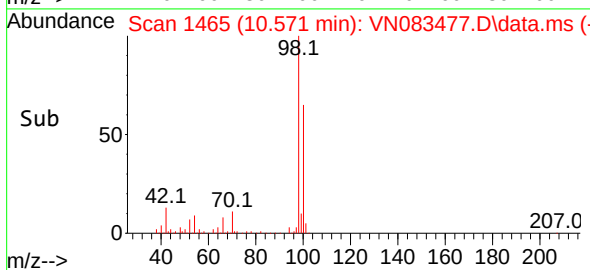
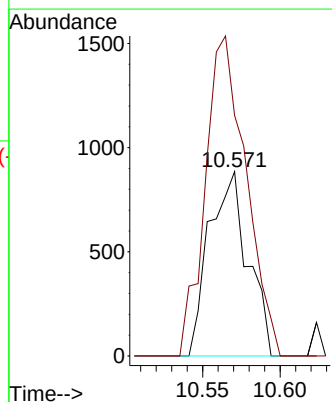
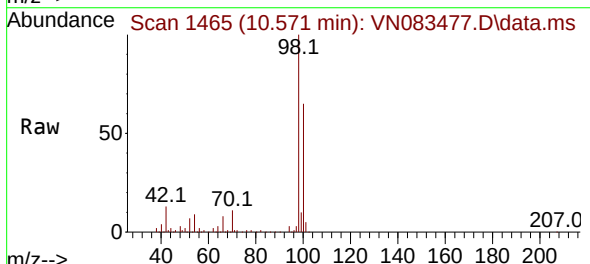
Instrument :
MSVOA_N
ClientSampleId :

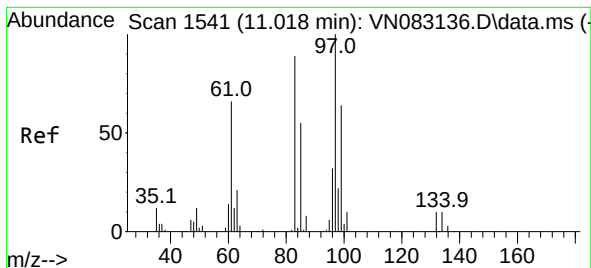
Tgt Ion: 98 Resp: 290759
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 183.4 28.2 42.4#





#55

1,1,2-Trichloroethane

Concen: 0.486 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.082 min

Lab File: VN083477.D

Acq: 26 Aug 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 777

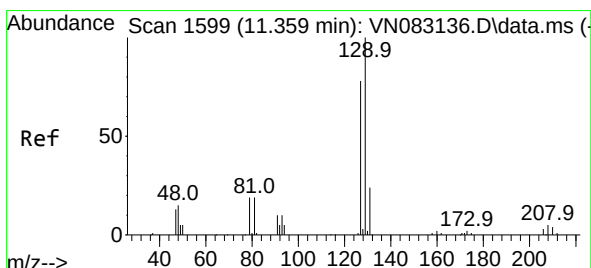
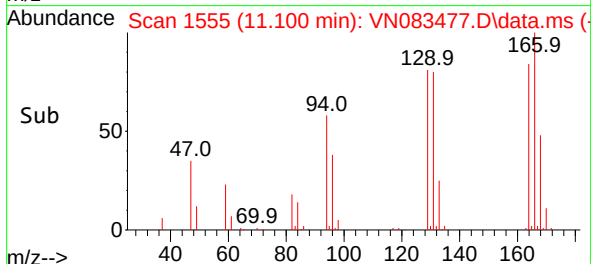
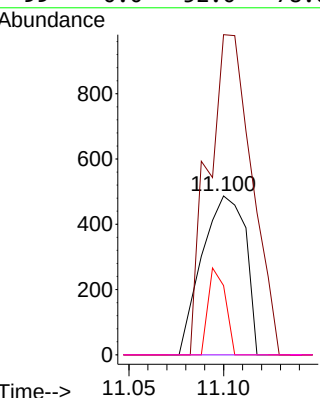
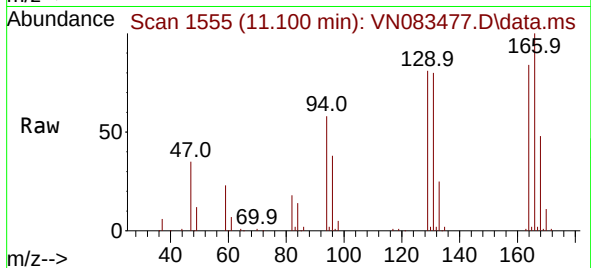
Ion Ratio Lower Upper

97 100

83 201.4 71.4 107.0#

85 43.5 45.8 68.6#

99 0.0 52.0 78.0#



#60

Dibromochloromethane

Concen: 38.916 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.253 min

Lab File: VN083477.D

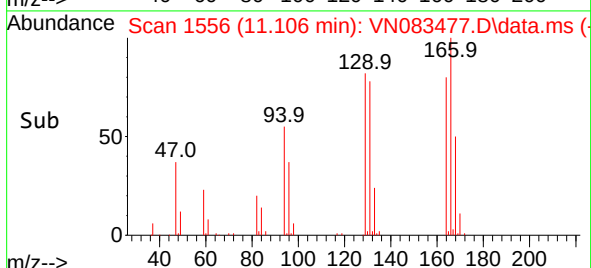
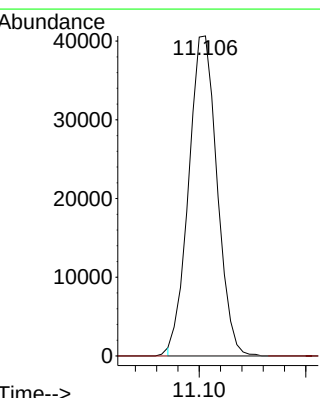
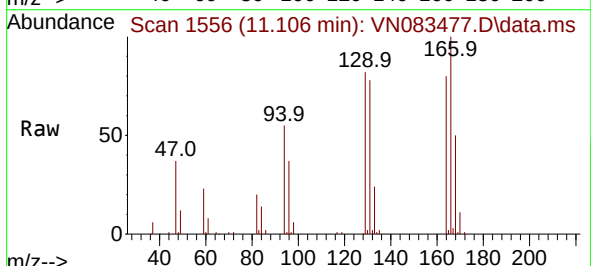
Acq: 26 Aug 2024 13:19

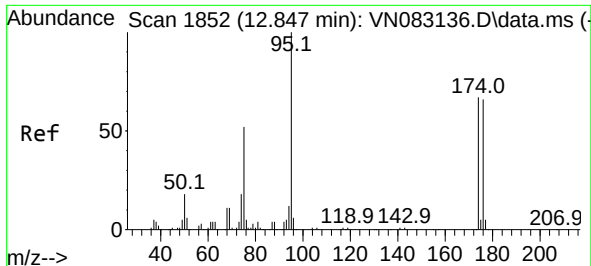
Tgt Ion: 129 Resp: 75286

Ion Ratio Lower Upper

129 100

127 0.0 39.2 117.6#

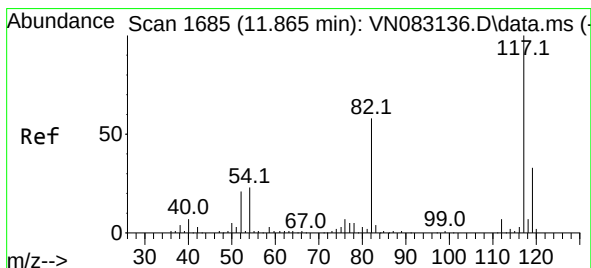
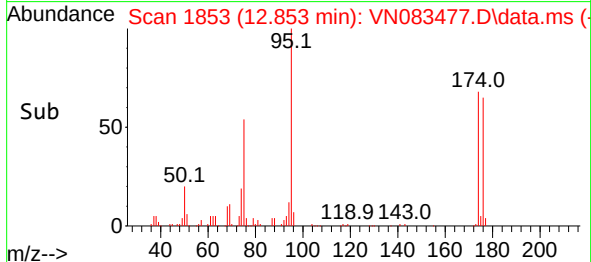
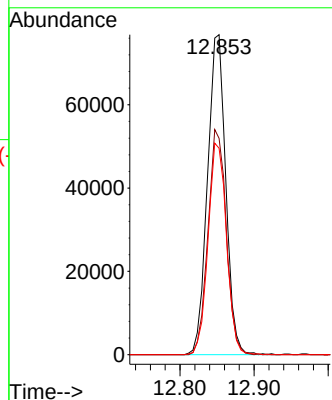
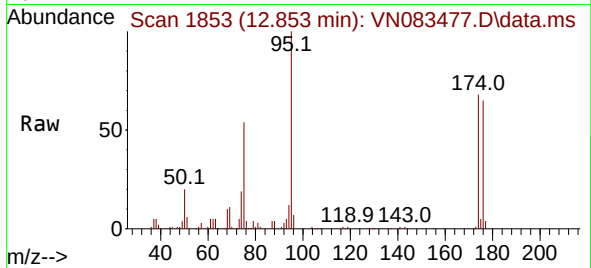




#62
4-Bromofluorobenzene
Concen: 57.689 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

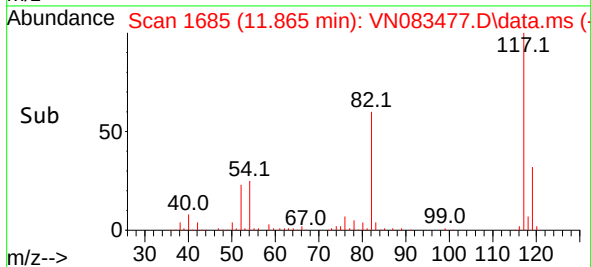
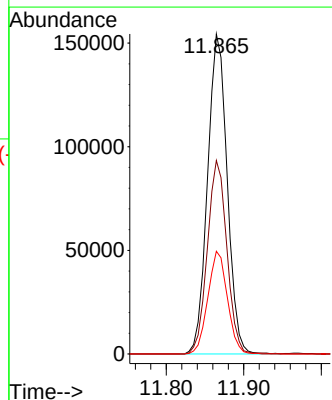
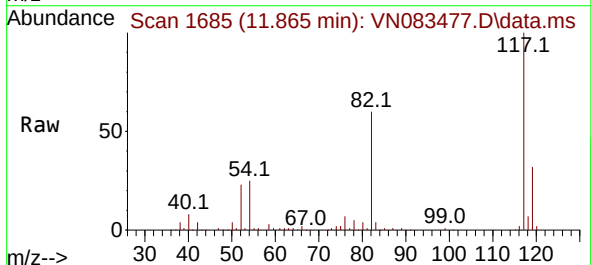
Instrument :
MSVOA_N
ClientSampleId :

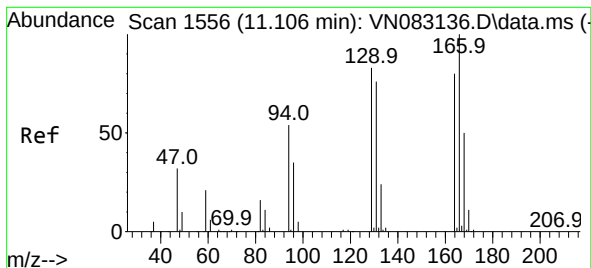
Tgt Ion: 95 Resp: 131558
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 66.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083477.D
Acq: 26 Aug 2024 13:19

Tgt Ion: 117 Resp: 271737
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 32.1 25.6 38.4





#64

Tetrachloroethene

Concen: 41.054 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083477.D

Acq: 26 Aug 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:164 Resp: 73882

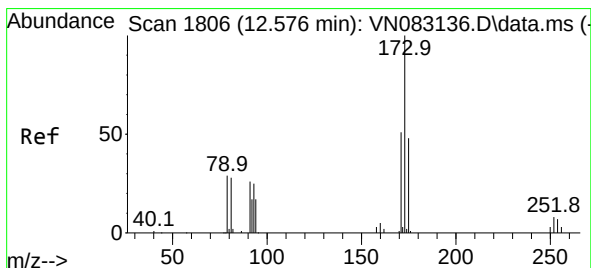
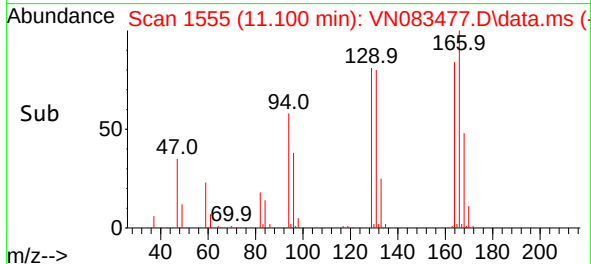
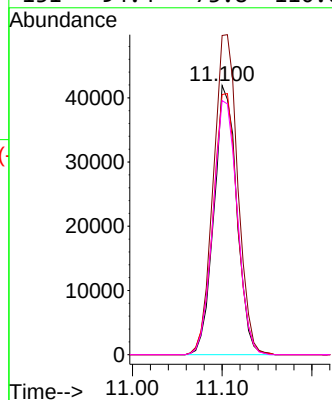
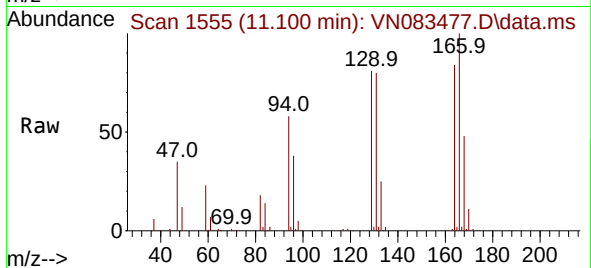
Ion Ratio Lower Upper

164 100

166 118.6 101.4 152.0

129 96.7 75.7 113.5

131 94.4 73.8 110.6



#71

Bromoform

Concen: 0.456 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN083477.D

Acq: 26 Aug 2024 13:19

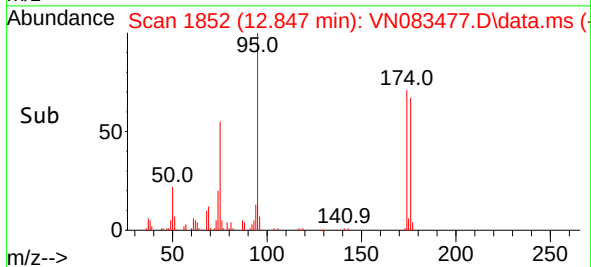
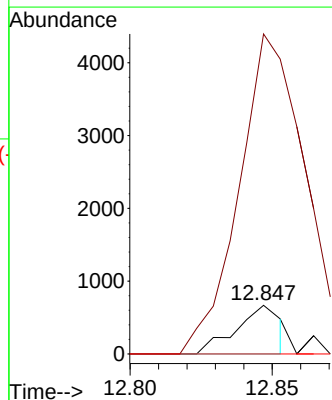
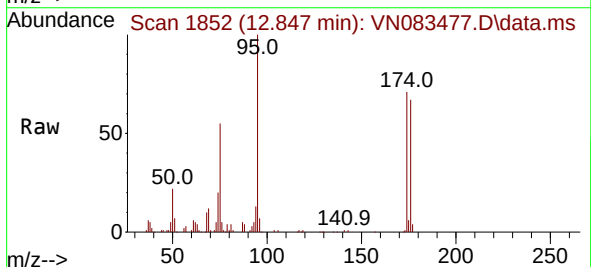
Tgt Ion:173 Resp: 732

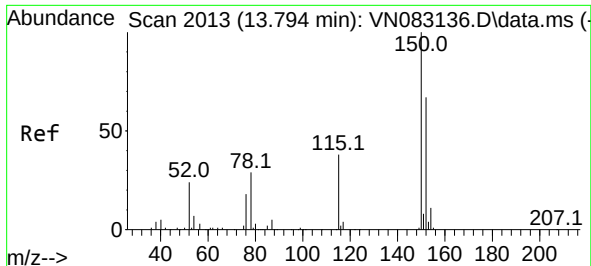
Ion Ratio Lower Upper

173 100

175 670.8 24.0 72.0#

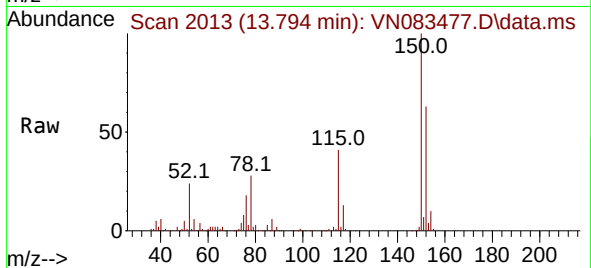
254 0.0 0.0 0.0



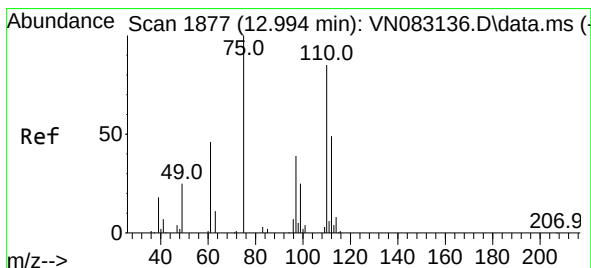
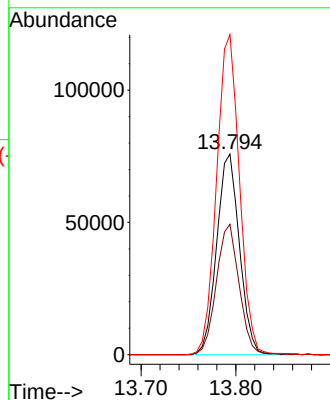
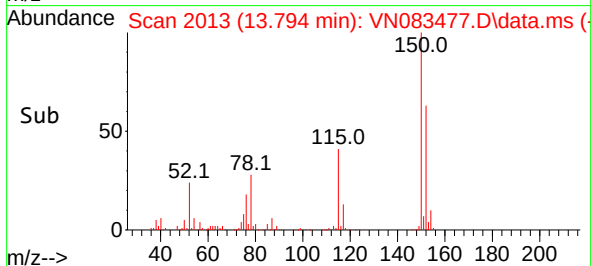


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083477.D
 Acq: 26 Aug 2024 13:19

Instrument :
 MSVOA_N
 ClientSampleId :

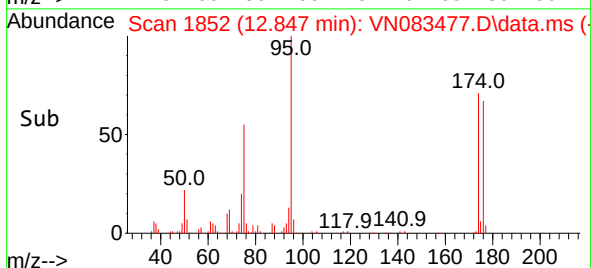
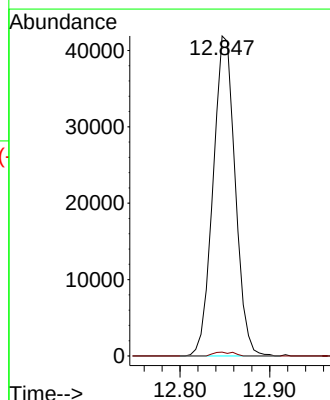
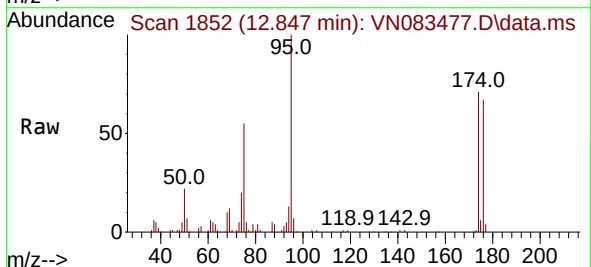


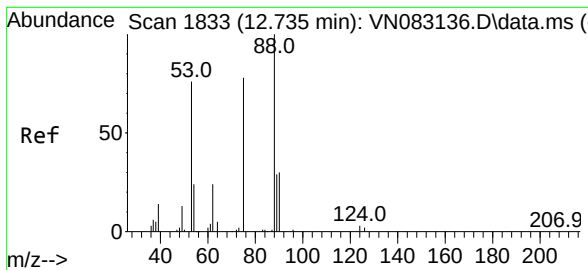
Tgt Ion:152 Resp: 126876
 Ion Ratio Lower Upper
 152 100
 115 64.8 30.6 91.6
 150 160.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 25.781 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083477.D
 Acq: 26 Aug 2024 13:19

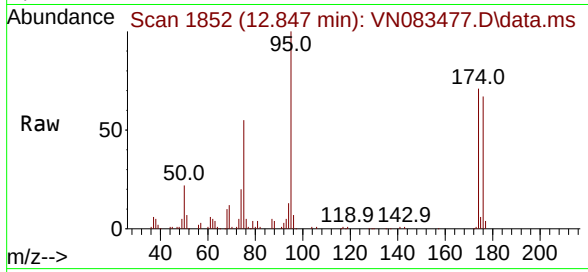
Tgt Ion: 75 Resp: 71791
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.081 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083477.D
 Acq: 26 Aug 2024 13:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	71791
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

