

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083161.D
 Acq On : 08 Aug 2024 17:22
 Operator : JC\MD
 Sample : P3393-21ME
 Misc : 8.38g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 09 01:07:08 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)

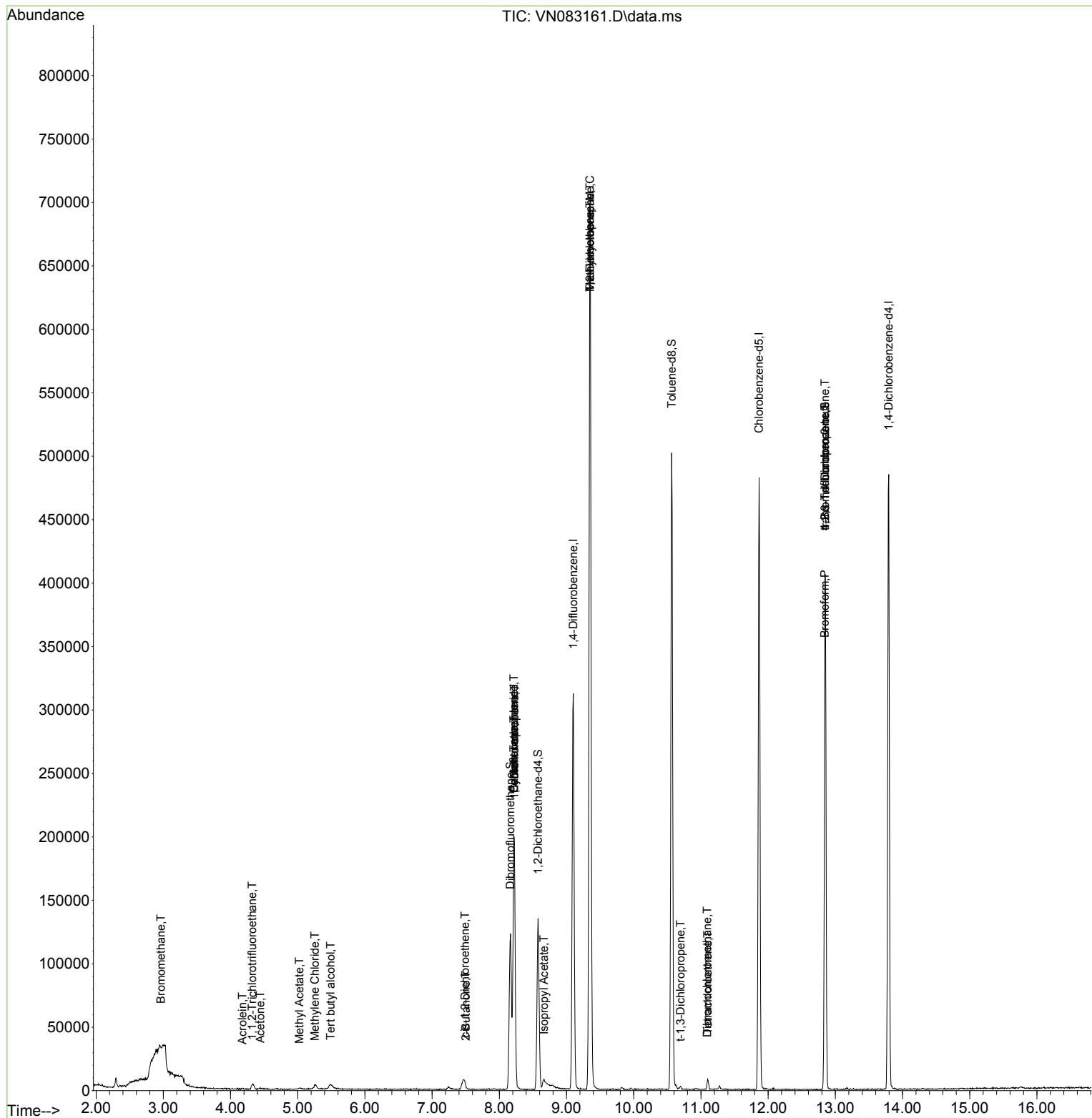
Internal Standards						
1) Pentafluorobenzene	8.218	168	141514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109529	54.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.760%	
35) Dibromofluoromethane	8.165	113	88090	53.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.280%	
50) Toluene-d8	10.565	98	346098	55.972	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.940%	
62) 4-Bromofluorobenzene	12.847	95	146897	60.937	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 121.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	616	0.592	ug/l #	9
9) 1,1,2-Trichlorotrifluo...	4.324	101	3146	2.060	ug/l	96
11) Tert butyl alcohol	5.489	59	3858	9.216	ug/l #	71
13) Acrolein	4.177	56	62	0.227	ug/l #	1
16) Acetone	4.442	43	950	1.205	ug/l #	48
18) Methyl Acetate	5.024	43	2631	1.120	ug/l #	61
20) Methylene Chloride	5.253	84	2749	1.515	ug/l #	92
25) 2-Butanone	7.500	43	796	0.658	ug/l #	53
27) cis-1,2-Dichloroethene	7.489	96	2915	1.490	ug/l	88
31) Cyclohexane	8.218	56	3665	1.228	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	12212	4.870	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15784	5.589	ug/l #	18
39) Methylcyclohexane	9.347	83	3425	1.112	ug/l #	1
43) Isopropyl Acetate	8.665	43	12627	0.993	ug/l #	60
44) Trichloroethene	9.347	130	246049	138.382	ug/l	94
45) 1,2-Dichloropropane	9.347	63	466	0.263	ug/l #	1
53) t-1,3-Dichloropropene	10.694	75	812	0.277	ug/l #	60
60) Dibromochloromethane	11.094	129	1856	0.908	ug/l #	10
64) Tetrachloroethene	11.100	164	1723	0.966	ug/l	87
71) Bromoform	12.841	173	720	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	78492	27.764	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78492	60.393	ug/l #	6

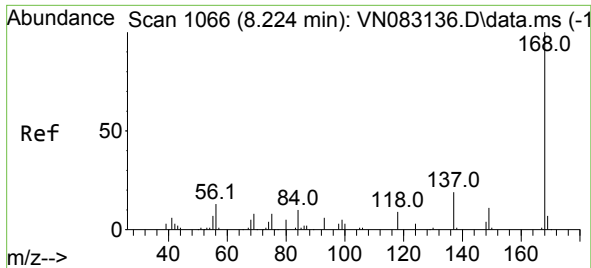
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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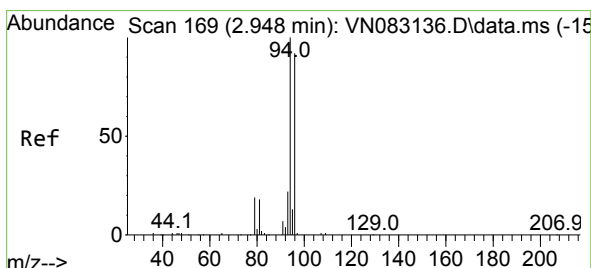
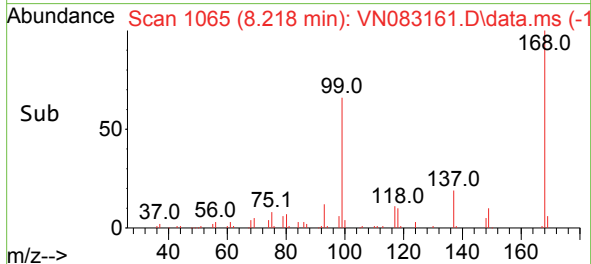
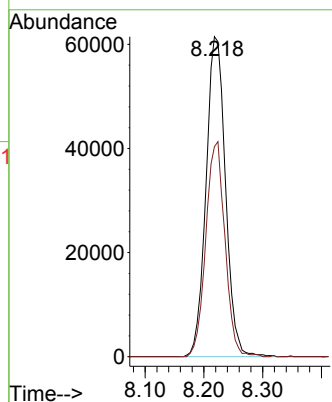
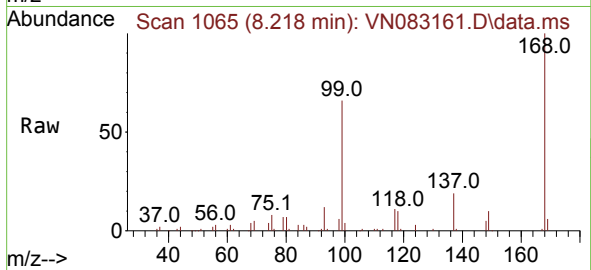




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

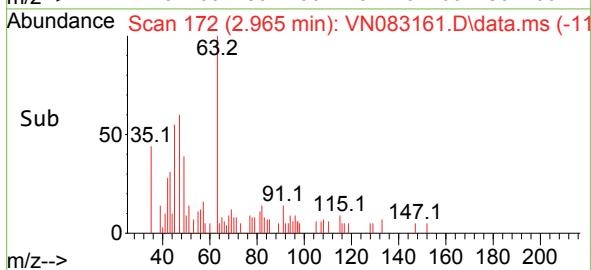
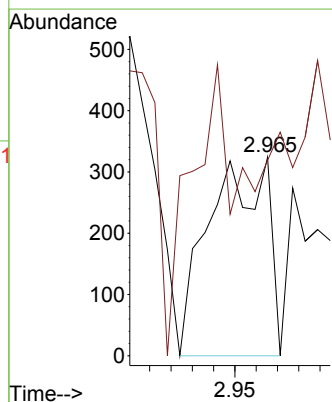
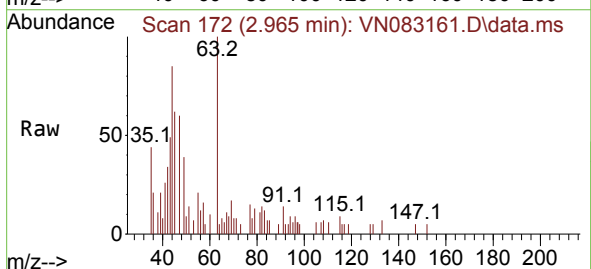
Instrument :
MSVOA_N
ClientSampleId :

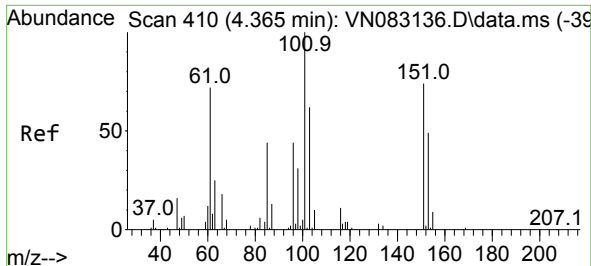
Tgt Ion:168 Resp: 141514
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4



#5
Bromomethane
Concen: 0.592 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

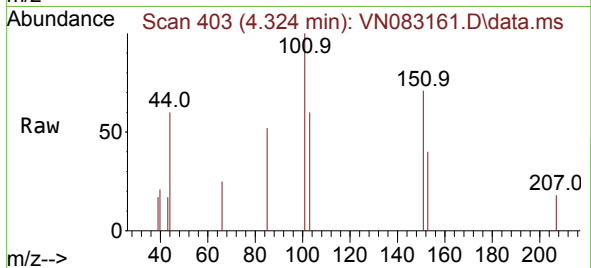
Tgt Ion: 94 Resp: 616
Ion Ratio Lower Upper
94 100
96 7.7 78.0 117.0#



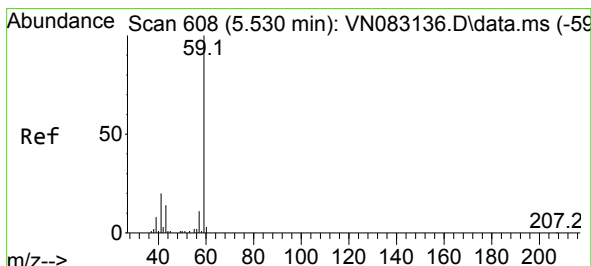
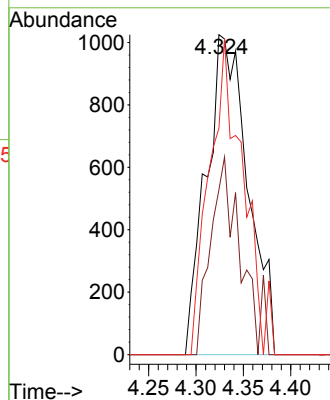
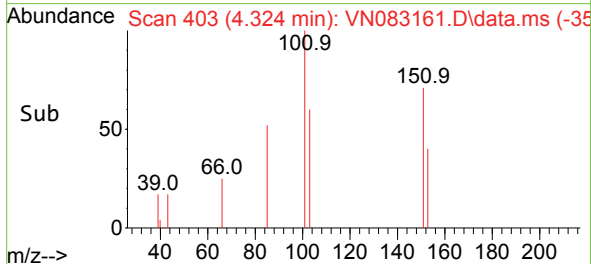


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.060 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.041 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :

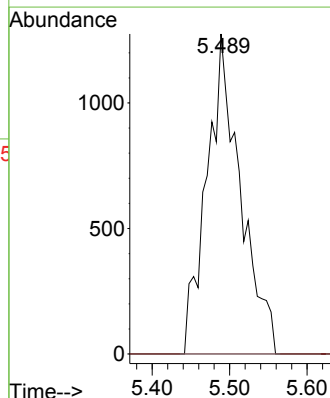
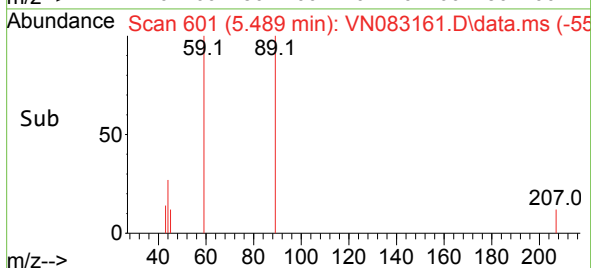
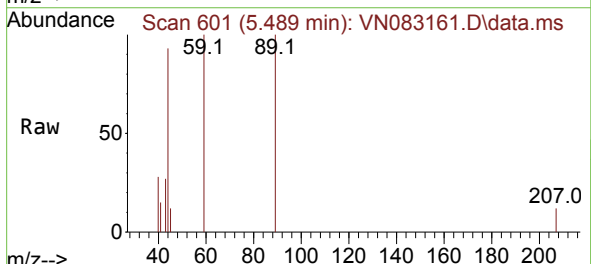


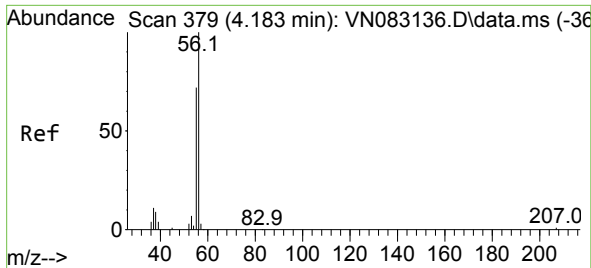
Tgt Ion:101 Resp: 3146
Ion Ratio Lower Upper
101 100
85 44.9 38.3 57.5
151 77.0 59.3 88.9



#11
Tert butyl alcohol
Concen: 9.216 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

Tgt Ion: 59 Resp: 3858
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

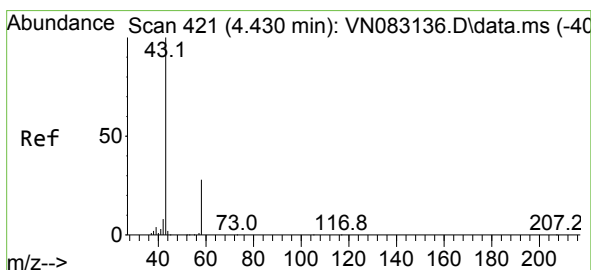
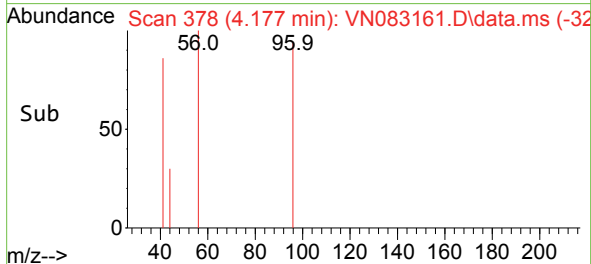
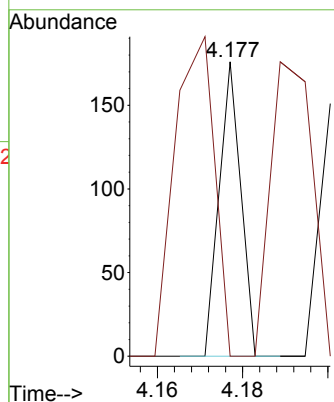
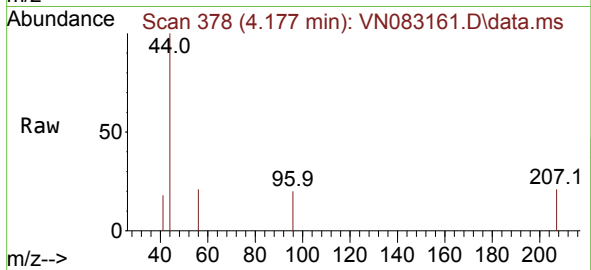




#13
Acrolein
Concen: 0.227 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

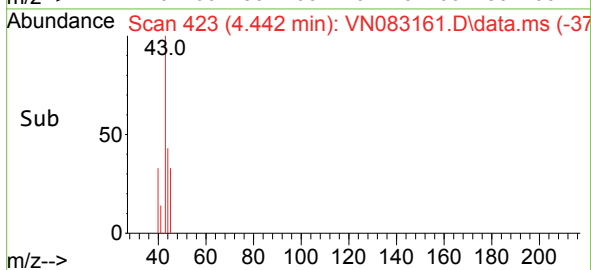
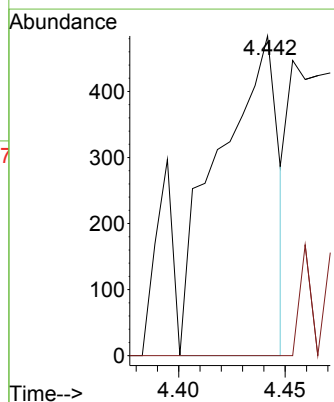
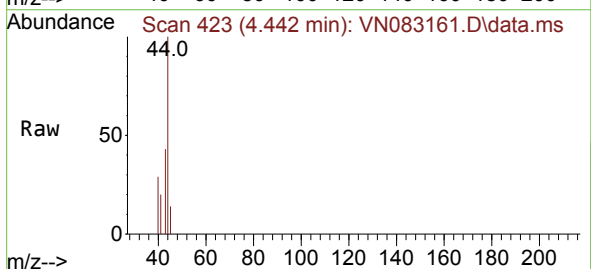
Instrument :
MSVOA_N
ClientSampleId :

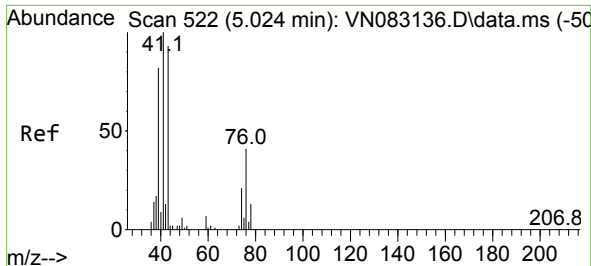
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 200.0 56.4 84.6#



#16
Acetone
Concen: 1.205 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

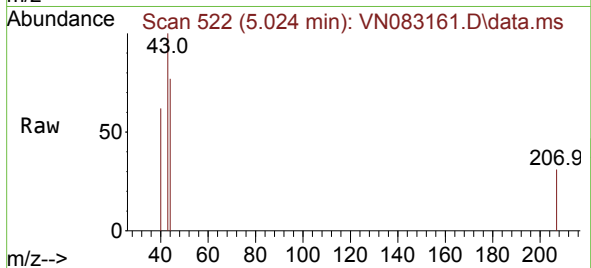
Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



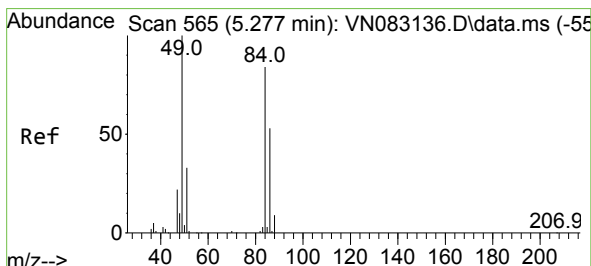
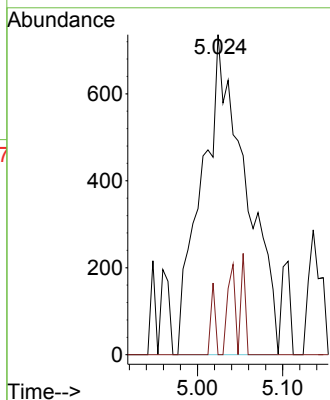
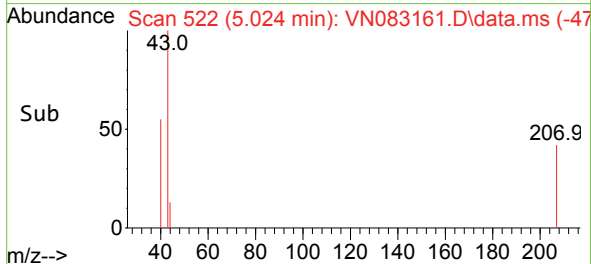


#18
Methyl Acetate
Concen: 1.120 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :

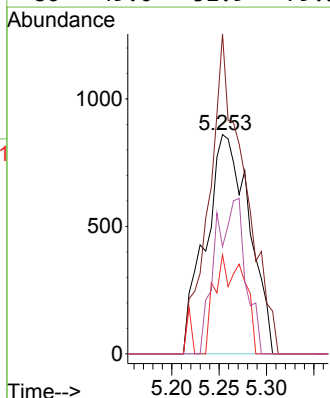
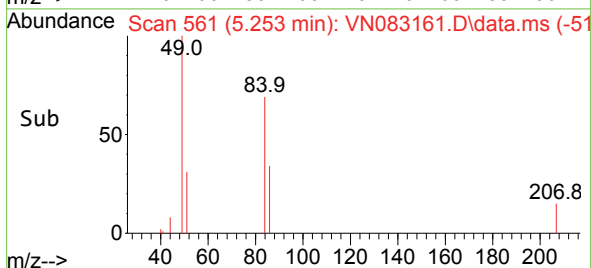
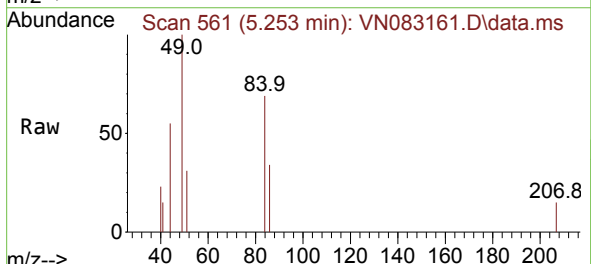


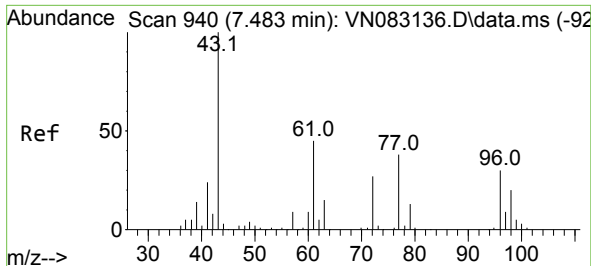
Tgt Ion: 43 Resp: 2631
Ion Ratio Lower Upper
43 100
74 2.2 16.3 24.5#



#20
Methylene Chloride
Concen: 1.515 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.023 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

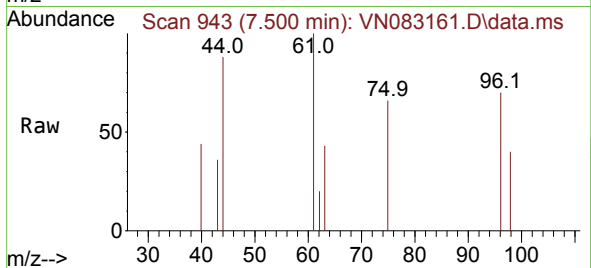
Tgt Ion: 84 Resp: 2749
Ion Ratio Lower Upper
84 100
49 145.9 119.6 179.4
51 45.2 34.8 52.2
86 49.0 52.9 79.3#



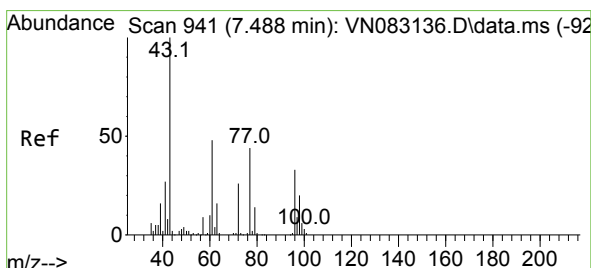
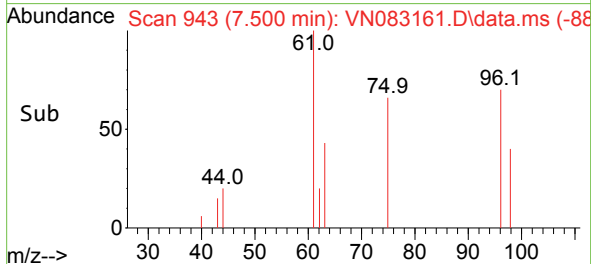
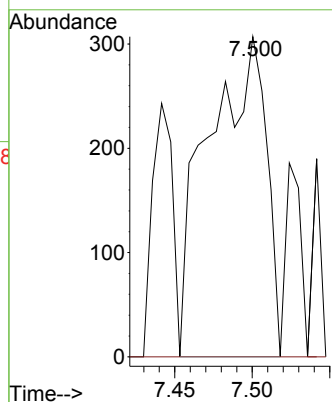


#25
2-Butanone
Concen: 0.658 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :

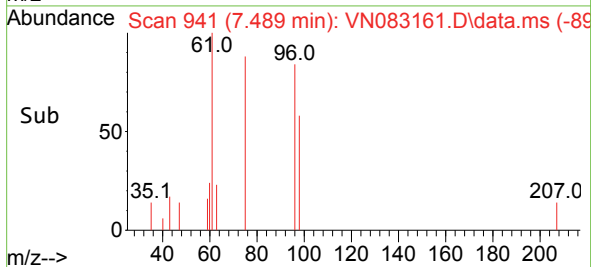
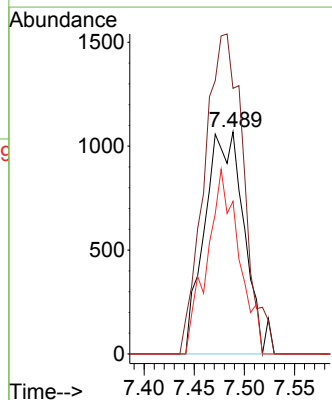
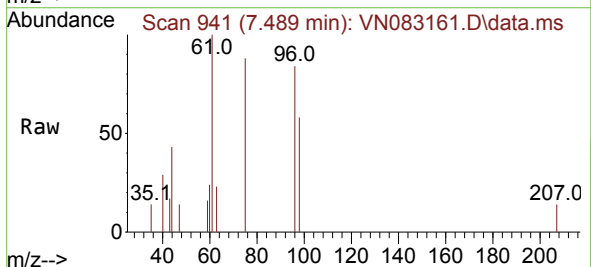


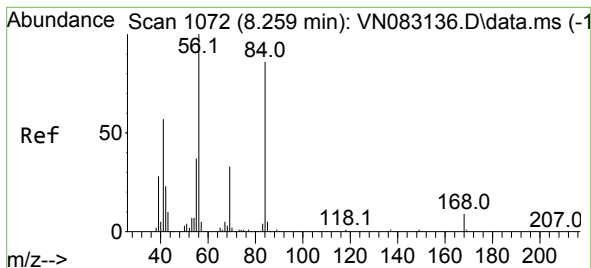
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#27
cis-1,2-Dichloroethene
Concen: 1.490 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

Tgt Ion: 96 Resp: 2915
Ion Ratio Lower Upper
96 100
61 144.2 0.0 329.6
98 67.9 0.0 128.6





#31

Cyclohexane

Concen: 1.228 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

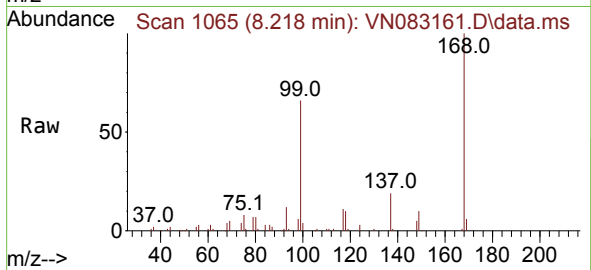
Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :



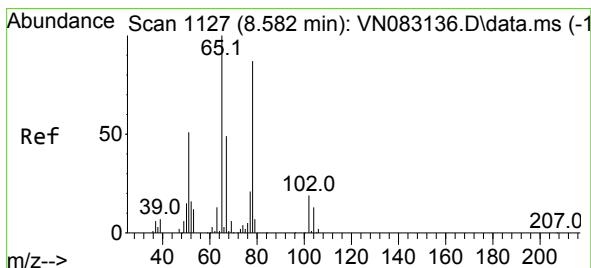
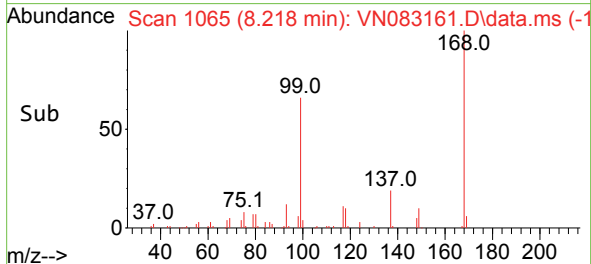
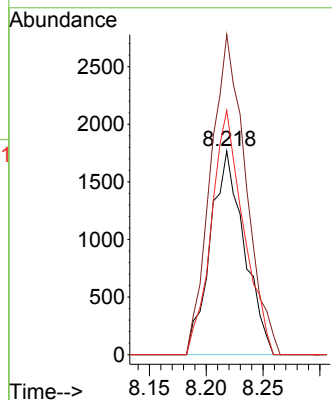
Tgt Ion: 56 Resp: 3665

Ion Ratio Lower Upper

56 100

69 157.0 24.5 36.7#

84 119.8 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 54.376 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083161.D

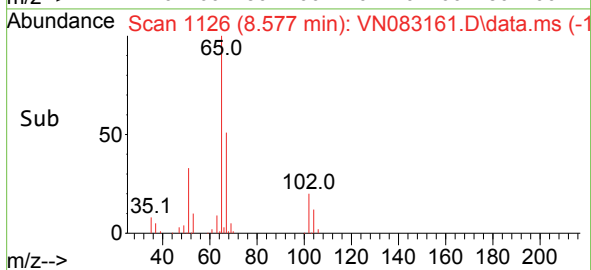
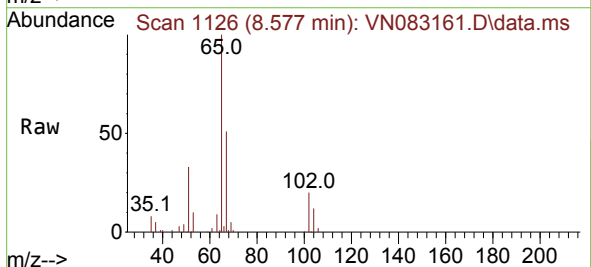
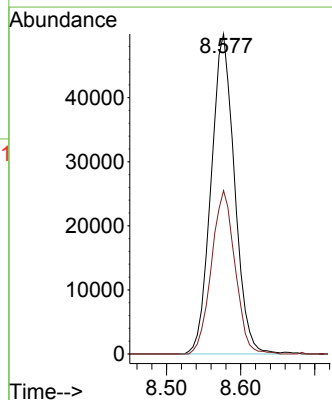
Acq: 08 Aug 2024 17:22

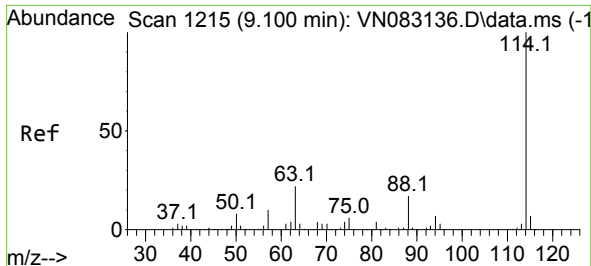
Tgt Ion: 65 Resp: 109529

Ion Ratio Lower Upper

65 100

67 51.4 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: VN083161.D

Acq: 08 Aug 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

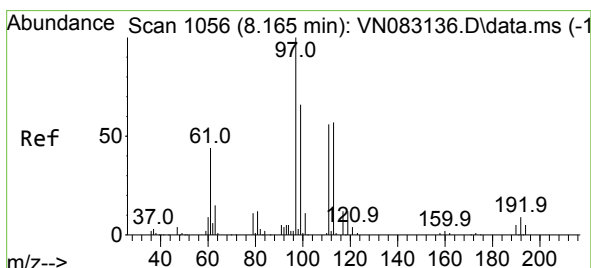
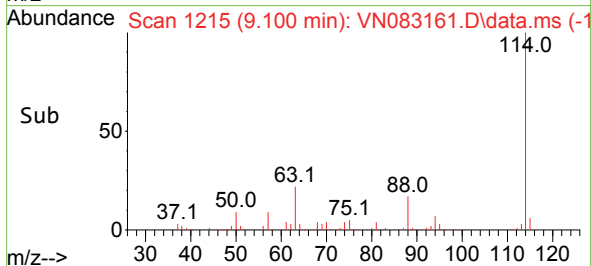
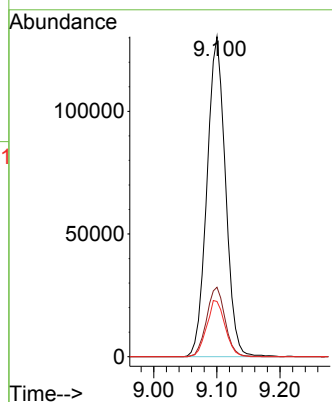
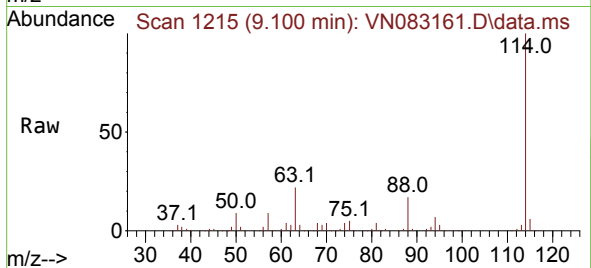
Tgt Ion:114 Resp: 265572

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 17.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.142 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

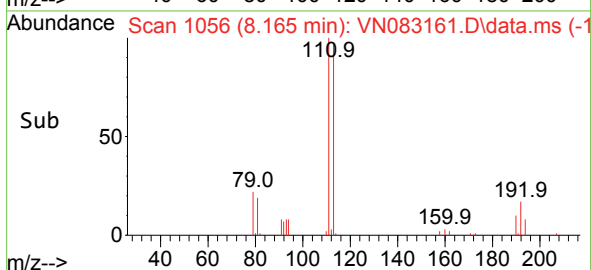
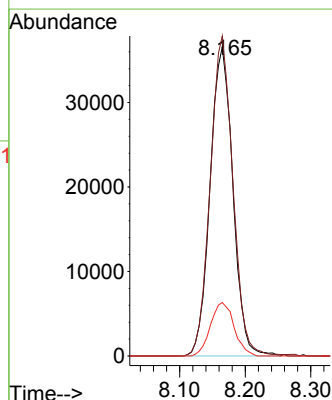
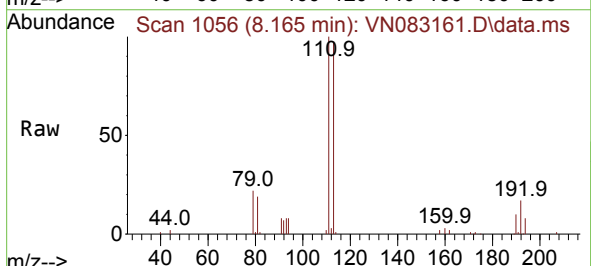
Tgt Ion:113 Resp: 88090

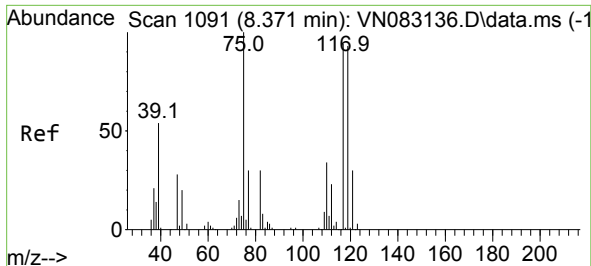
Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 17.9 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.870 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

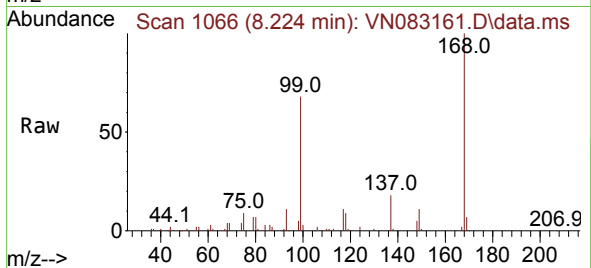
Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :



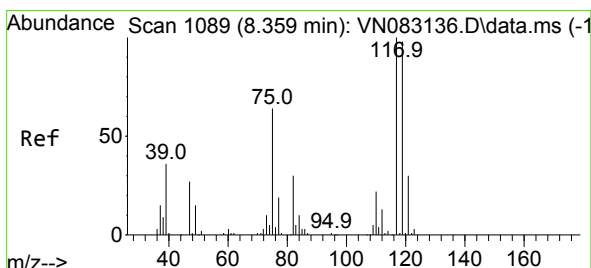
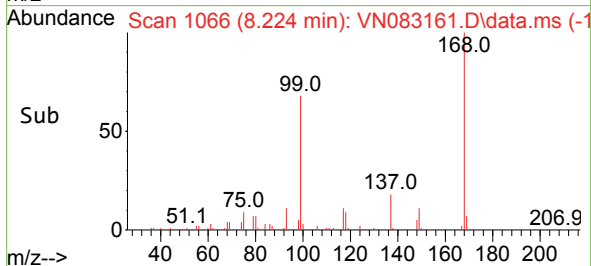
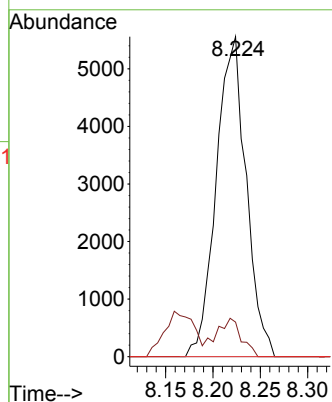
Tgt Ion: 75 Resp: 12212

Ion Ratio Lower Upper

75 100

110 8.5 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.589 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

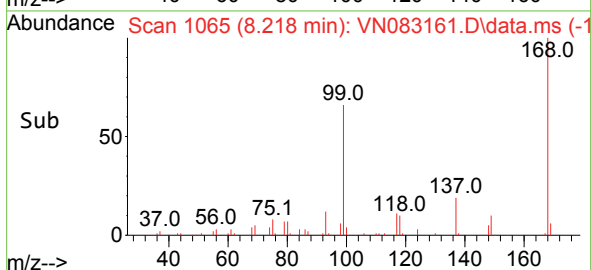
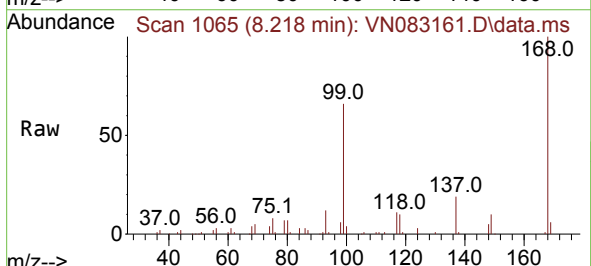
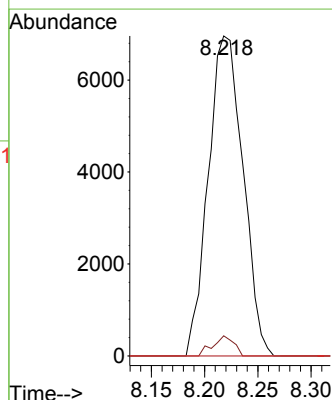
Tgt Ion: 117 Resp: 15784

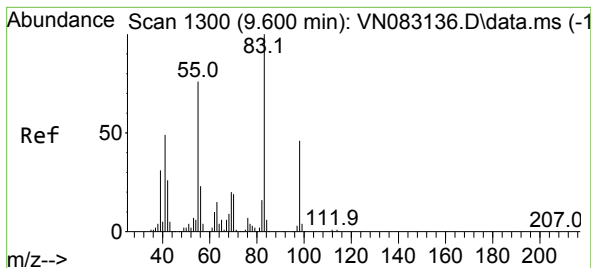
Ion Ratio Lower Upper

117 100

119 6.3 74.9 112.3#

121 0.0 24.3 36.5#





#39

Methylcyclohexane

Concen: 1.112 ug/l

RT: 9.347 min Scan# 1125

Delta R.T. -0.253 min

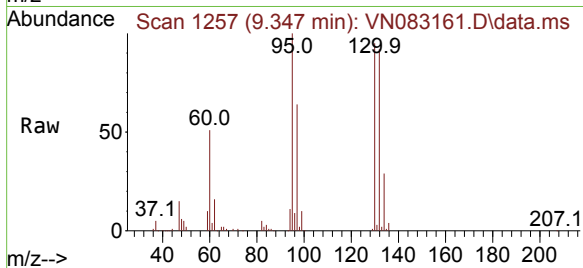
Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :



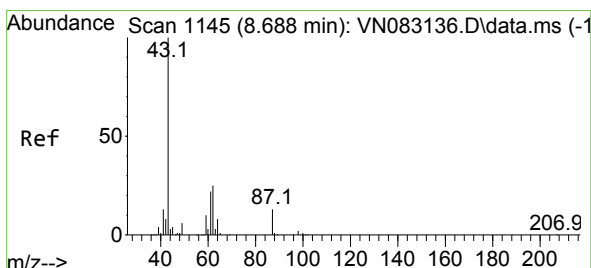
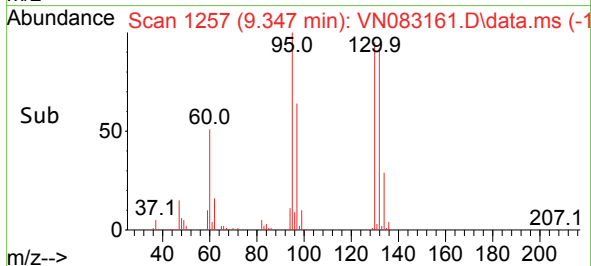
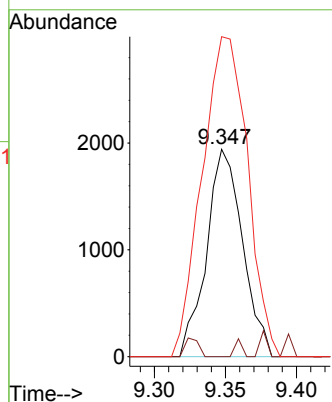
Tgt Ion: 83 Resp: 3425

Ion Ratio Lower Upper

83 100

55 0.0 66.4 99.6#

98 154.3 40.7 61.1#



#43

Isopropyl Acetate

Concen: 0.993 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.023 min

Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

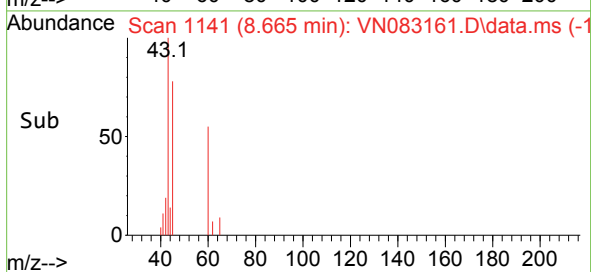
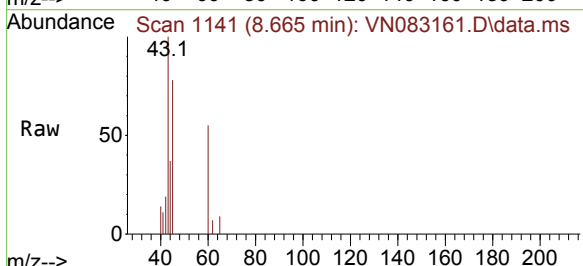
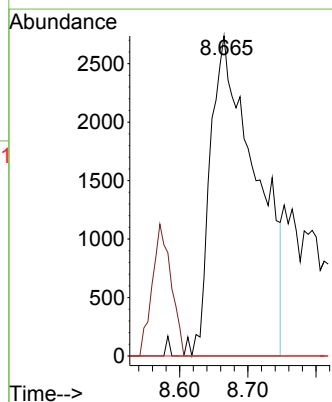
Tgt Ion: 43 Resp: 12627

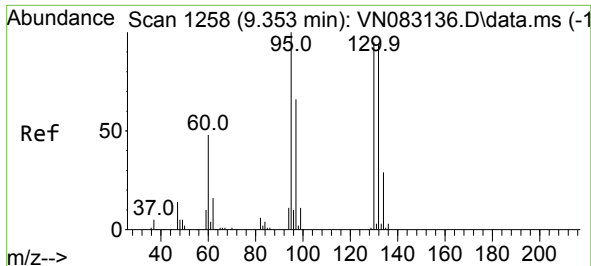
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

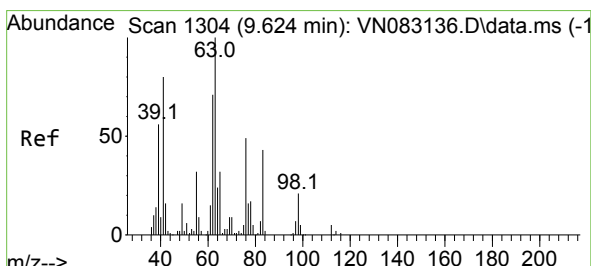
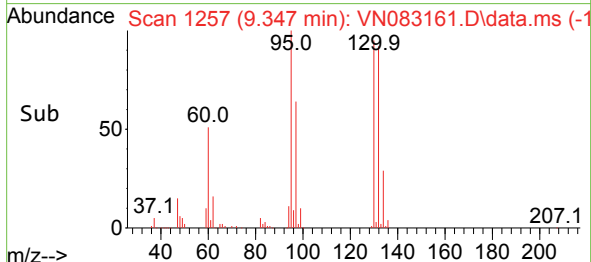
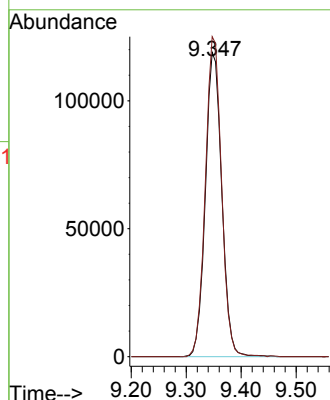
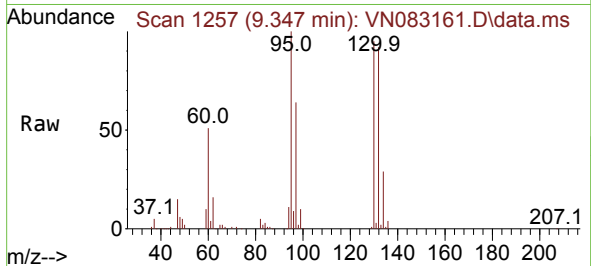




#44
Trichloroethene
Concen: 138.382 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

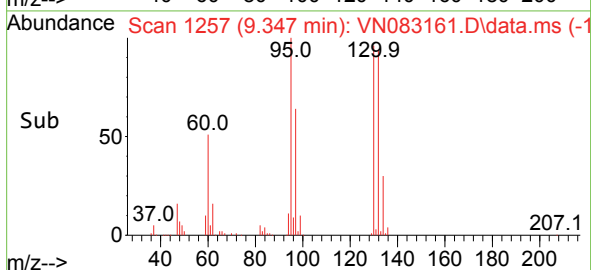
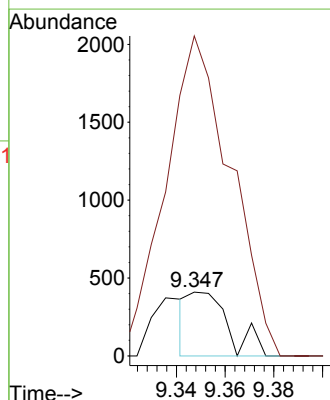
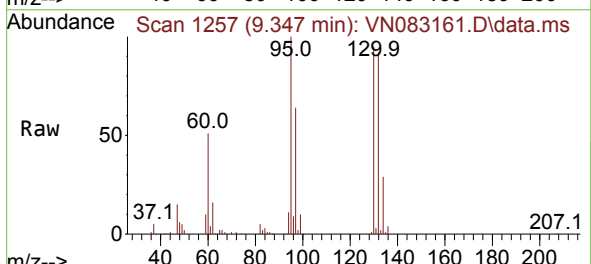
Instrument :
MSVOA_N
ClientSampleId :

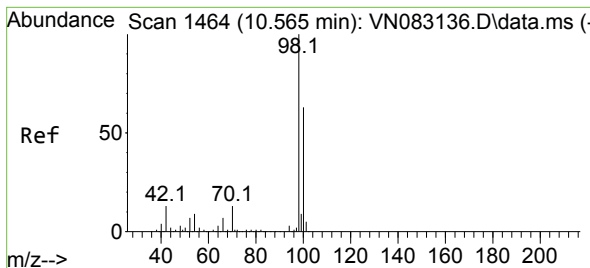
Tgt Ion:130 Resp: 246049
Ion Ratio Lower Upper
130 100
95 105.2 0.0 197.8



#45
1,2-Dichloropropane
Concen: 0.263 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.276 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

Tgt Ion: 63 Resp: 466
Ion Ratio Lower Upper
63 100
65 502.2 24.4 36.6#





#50

Toluene-d8

Concen: 55.972 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

Instrument :

MSVOA_N

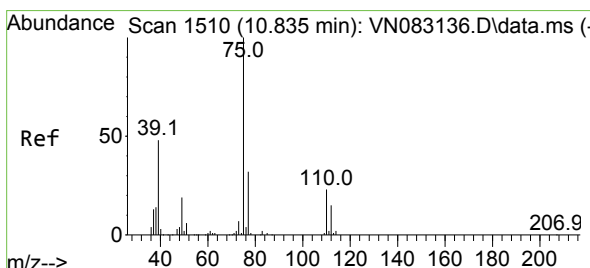
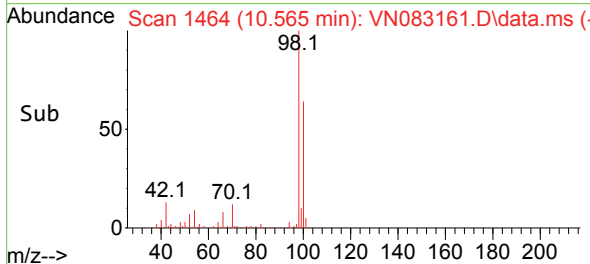
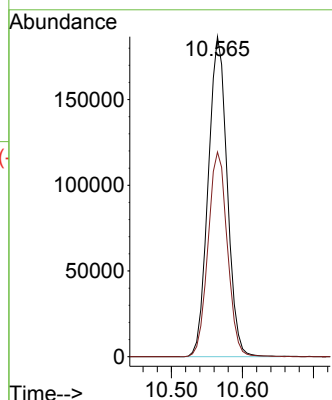
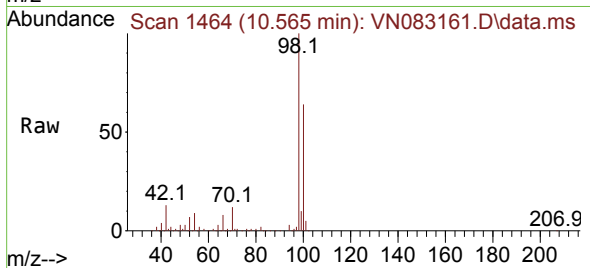
ClientSampleId :

Tgt Ion: 98 Resp: 346098

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#53

t-1,3-Dichloropropene

Concen: 0.277 ug/l

RT: 10.694 min Scan# 1486

Delta R.T. -0.141 min

Lab File: VN083161.D

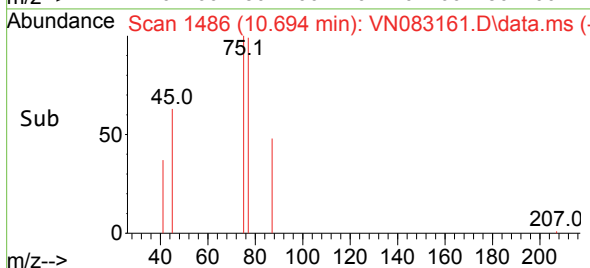
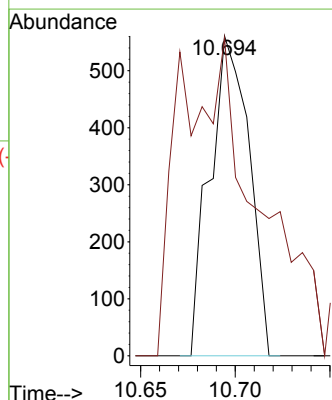
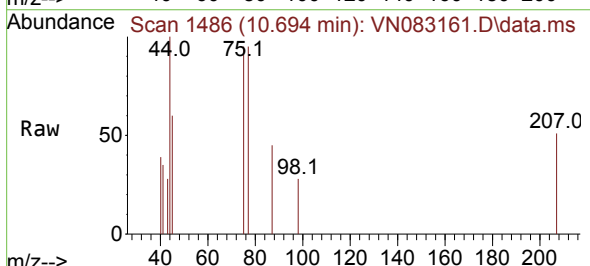
Acq: 08 Aug 2024 17:22

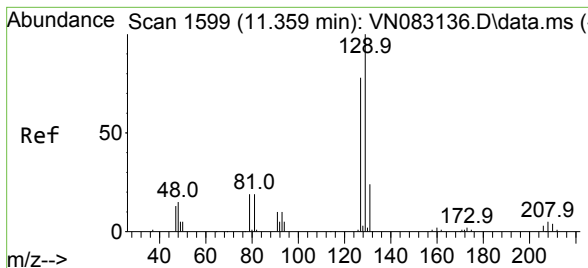
Tgt Ion: 75 Resp: 812

Ion Ratio Lower Upper

75 100

77 54.4 25.7 38.5#

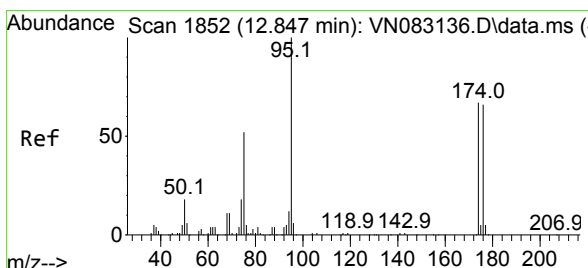
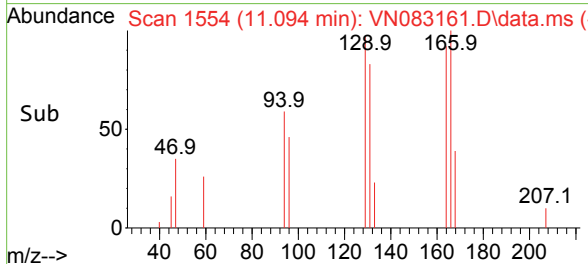
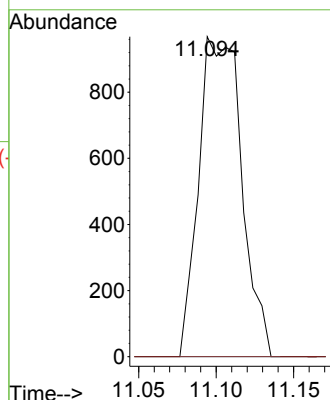
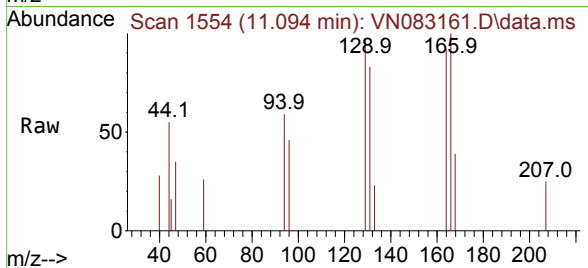




#60
Dibromochloromethane
Concen: 0.908 ug/l
RT: 11.094 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

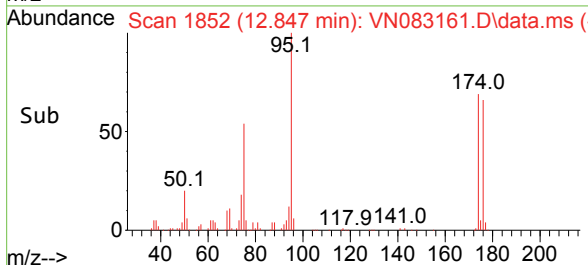
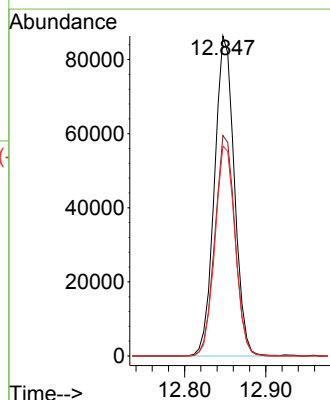
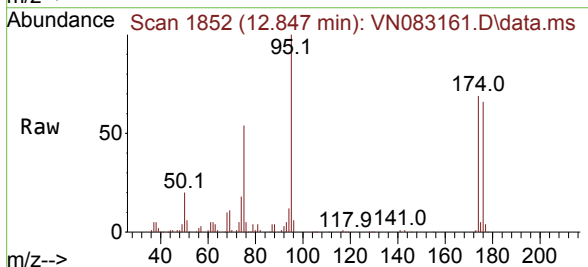
Instrument :
MSVOA_N
ClientSampleId :

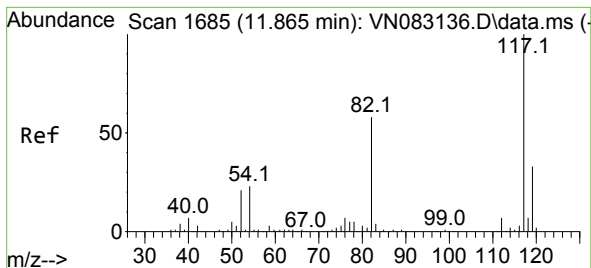
Tgt Ion:129 Resp: 1856
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#62
4-Bromofluorobenzene
Concen: 60.937 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

Tgt Ion: 95 Resp: 146897
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 66.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

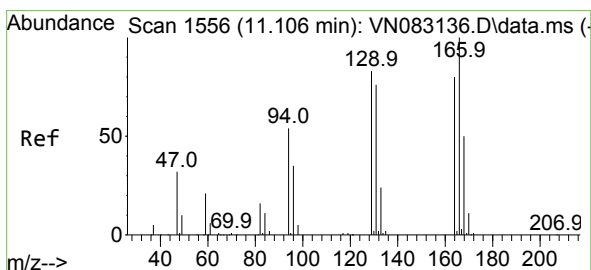
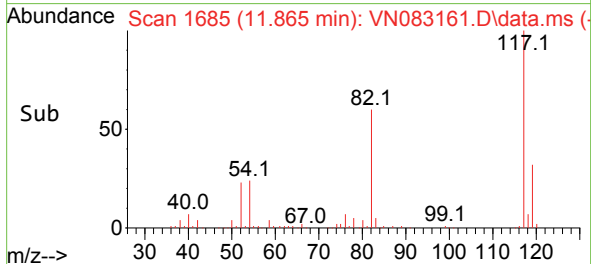
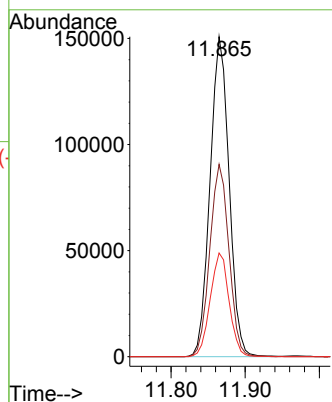
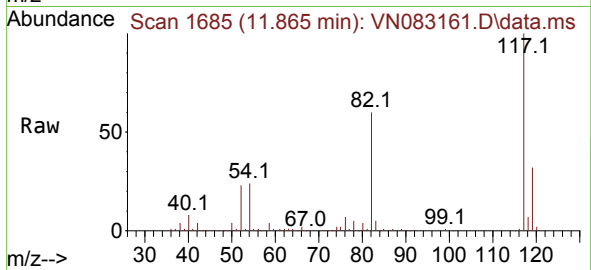
Tgt Ion:117 Resp: 269257

Ion Ratio Lower Upper

117 100

82 60.1 47.5 71.3

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 0.966 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

Tgt Ion:164 Resp: 1723

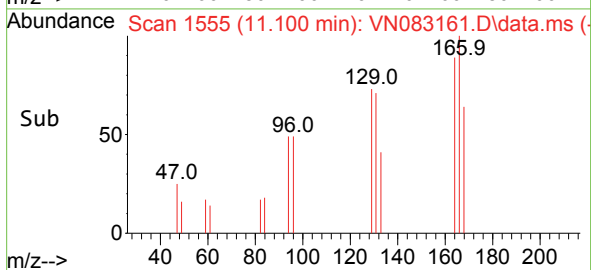
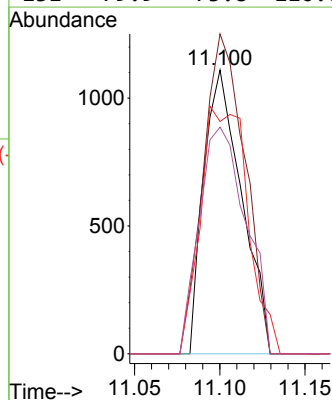
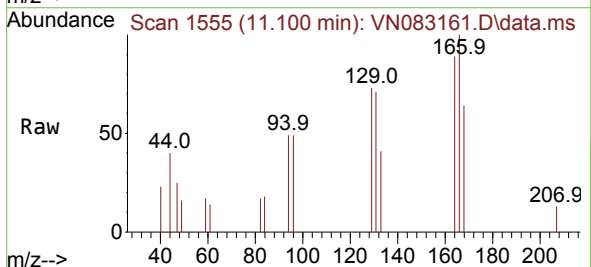
Ion Ratio Lower Upper

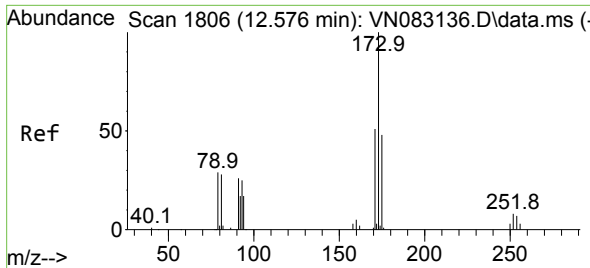
164 100

166 112.7 101.4 152.0

129 81.9 75.7 113.5

131 79.9 73.8 110.6

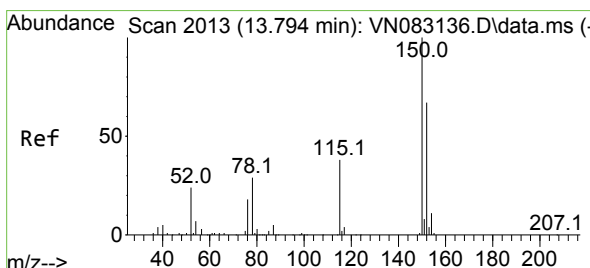
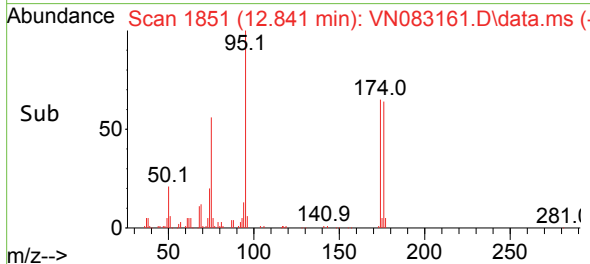
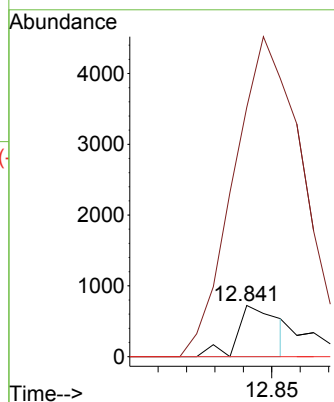
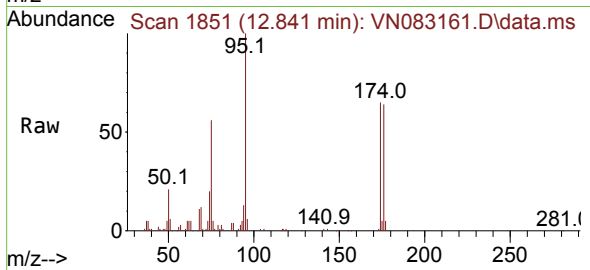




#71
Bromoform
Concen: 0.453 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

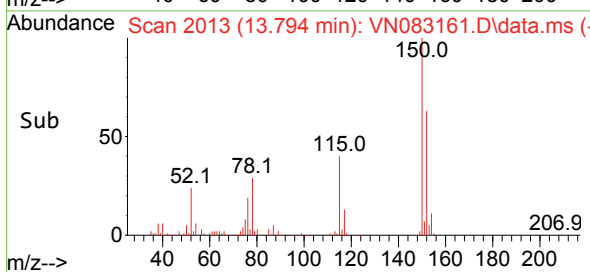
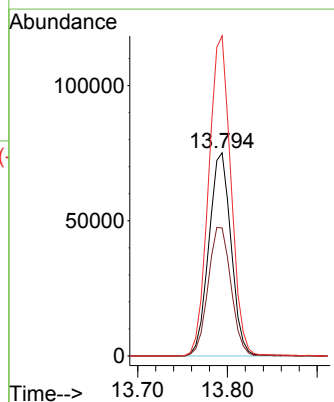
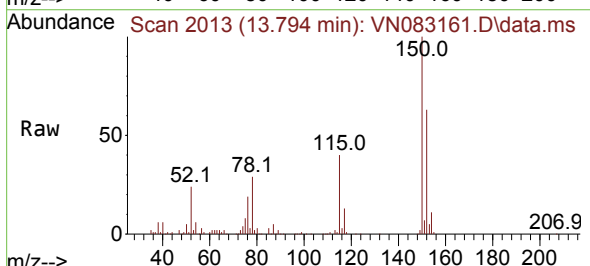
Instrument :
MSVOA_N
ClientSampleId :

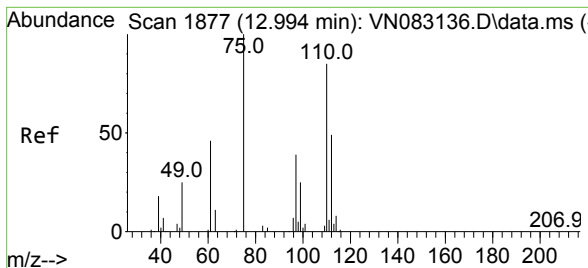
Tgt Ion:173 Resp: 720
Ion Ratio Lower Upper
173 100
175 764.9 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083161.D
Acq: 08 Aug 2024 17:22

Tgt Ion:152 Resp: 128814
Ion Ratio Lower Upper
152 100
115 65.4 30.6 91.6
150 158.4 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.764 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

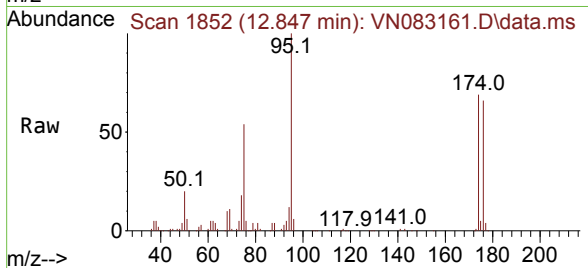
Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

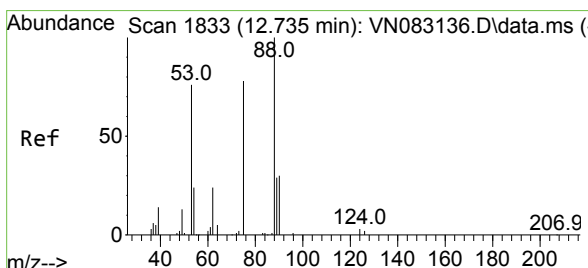
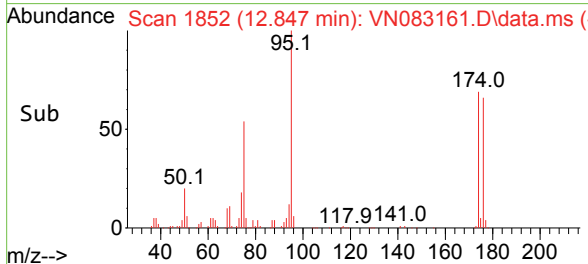
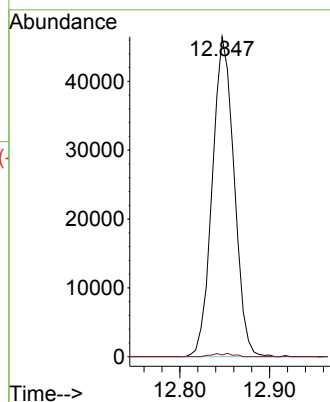


Tgt Ion: 75 Resp: 78492

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.393 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083161.D

Acq: 08 Aug 2024 17:22

Tgt Ion: 75 Resp: 78492

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

