

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083159.D
 Acq On : 08 Aug 2024 16:34
 Operator : JC\MD
 Sample : P3393-19ME
 Misc : 8.70g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 09 01:05:56 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)

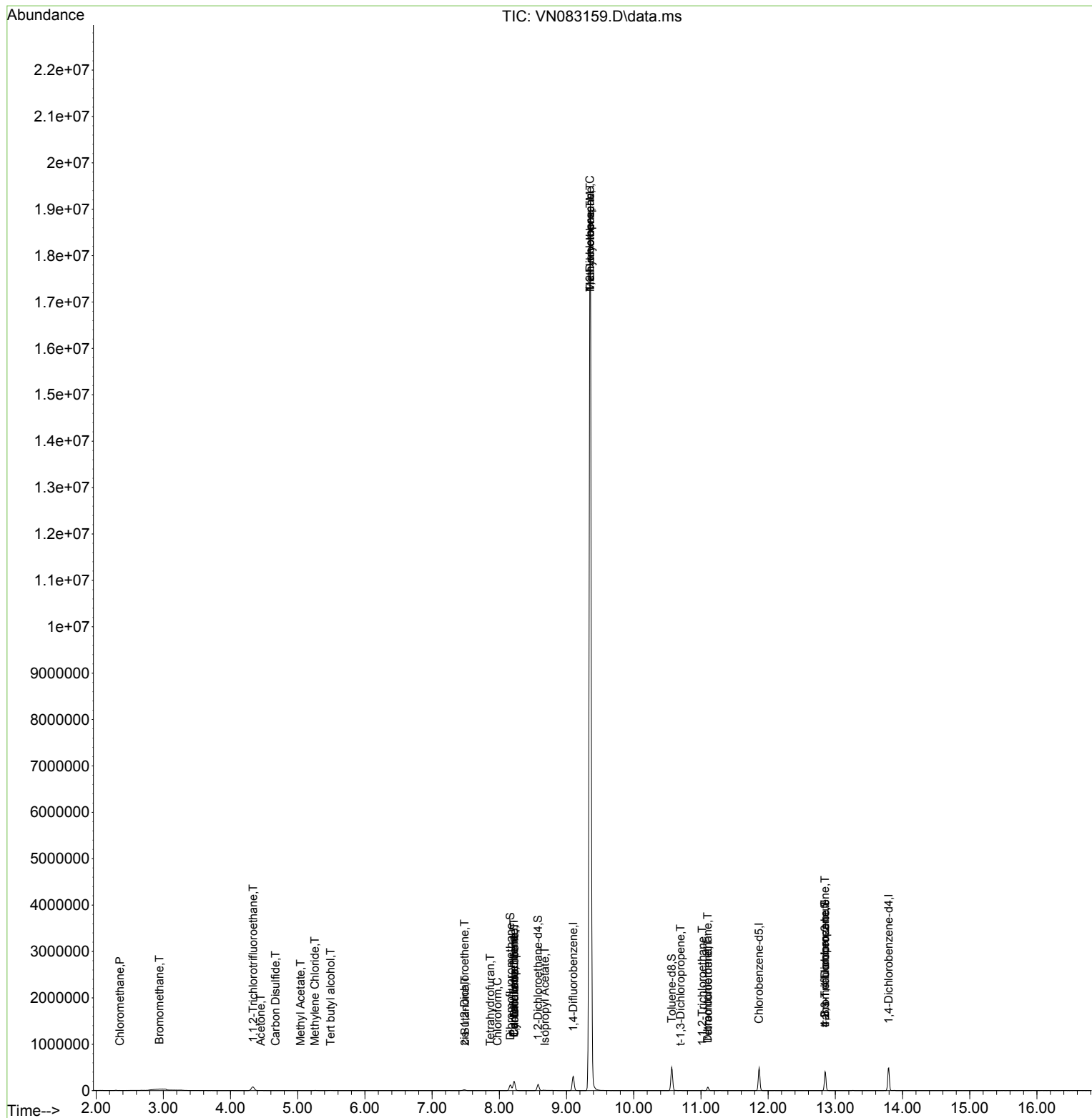
Internal Standards						
1) Pentafluorobenzene	8.218	168	139960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111385	55.911	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.820%			
35) Dibromofluoromethane	8.165	113	89066	54.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.140%			
50) Toluene-d8	10.565	98	340700	55.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.920%			
62) 4-Bromofluorobenzene	12.847	95	145357	61.241	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 122.480%			
Target Compounds						Qvalue
3) Chloromethane	2.354	50	388	0.239	ug/l #	43
5) Bromomethane	2.942	94	307	0.298	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.336	101	56534	37.436	ug/l	97
11) Tert butyl alcohol	5.489	59	2678	6.468	ug/l #	71
16) Acetone	4.448	43	5116	6.563	ug/l #	84
17) Carbon Disulfide	4.671	76	1526	0.336	ug/l #	75
18) Methyl Acetate	5.042	43	2028	0.873	ug/l #	62
20) Methylene Chloride	5.253	84	2533	1.412	ug/l #	78
25) 2-Butanone	7.489	43	429	0.358	ug/l #	53
27) cis-1,2-Dichloroethene	7.483	96	9494	4.906	ug/l	84
29) Tetrahydrofuran	7.865	42	709	0.916	ug/l #	56
30) Chloroform	7.971	83	2327	0.746	ug/l #	74
31) Cyclohexane	8.224	56	3599	1.219	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	12388	5.018	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15246	5.483	ug/l #	18
39) Methylcyclohexane	9.353	83	93257	30.753	ug/l #	1
43) Isopropyl Acetate	8.677	43	11513	0.802	ug/l #	60
44) Trichloroethene	9.353	130	6799607	3884.048	ug/l	91
45) 1,2-Dichloropropane	9.347	63	20712	11.863	ug/l #	1
53) t-1,3-Dichloropropene	10.694	75	1438	0.499	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	2358	1.416	ug/l	90
60) Dibromochloromethane	11.100	129	16380	8.135	ug/l #	10
64) Tetrachloroethene	11.106	164	16548	9.225	ug/l	98
76) 1,2,3-Trichloropropane	12.847	75	77364	27.064	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77364	58.871	ug/l #	6

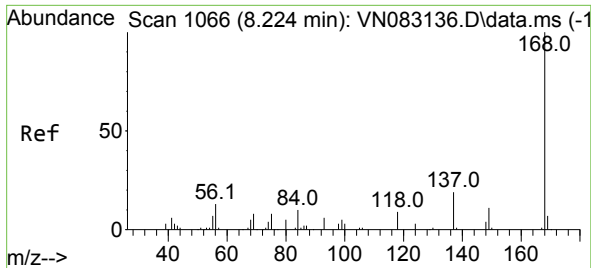
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
Data File : VN083159.D
Acq On : 08 Aug 2024 16:34
Operator : JC\MD
Sample : P3393-19ME
Misc : 8.70g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 09 01:05:56 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

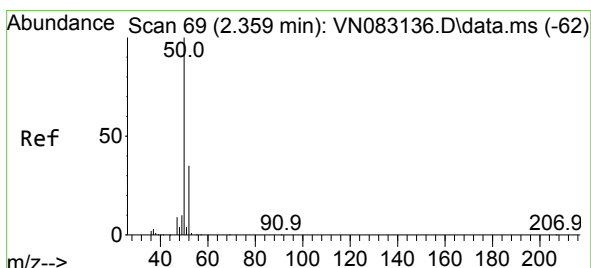
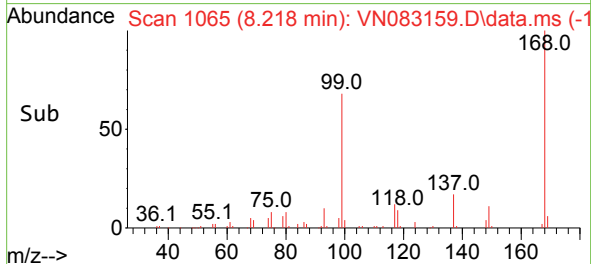
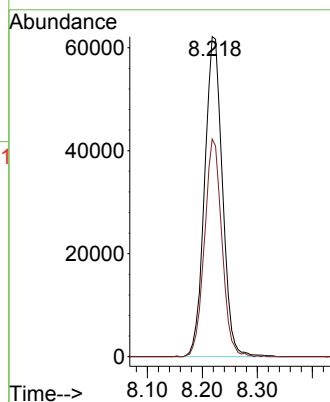
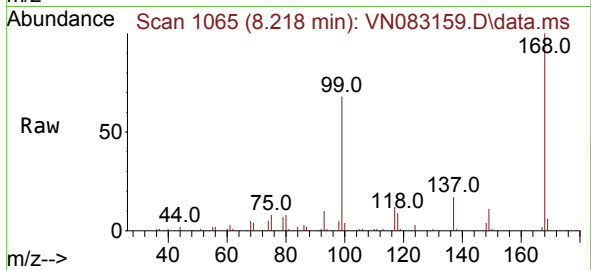




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

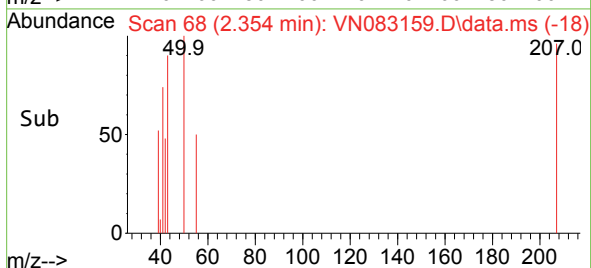
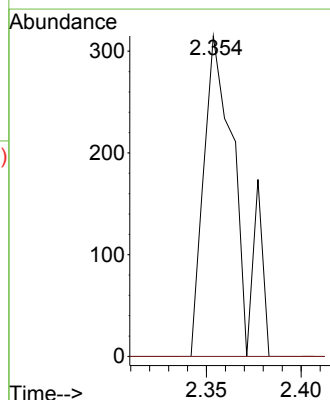
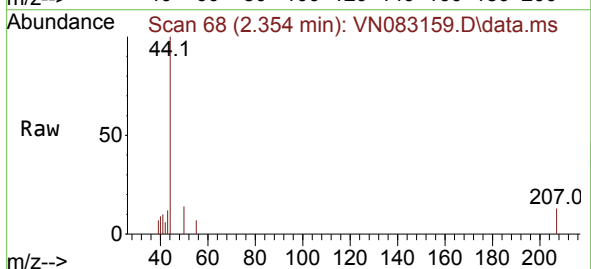
Instrument :
MSVOA_N
ClientSampleId :

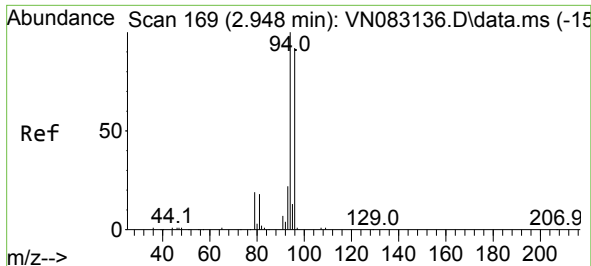
Tgt Ion:168 Resp: 139960
Ion Ratio Lower Upper
168 100
99 68.0 48.2 72.4



#3
Chloromethane
Concen: 0.239 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

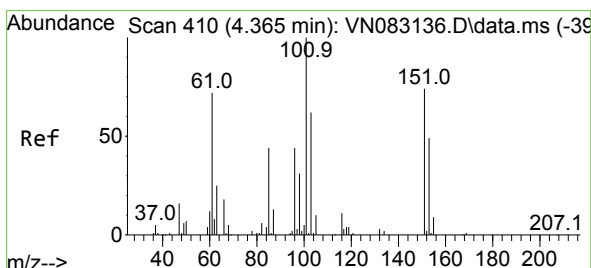
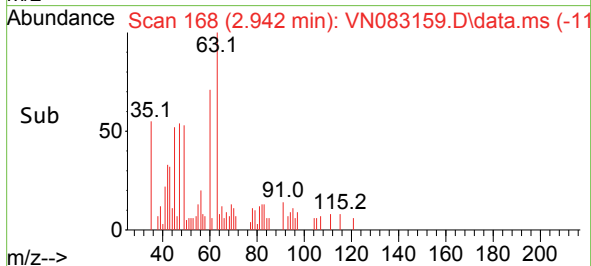
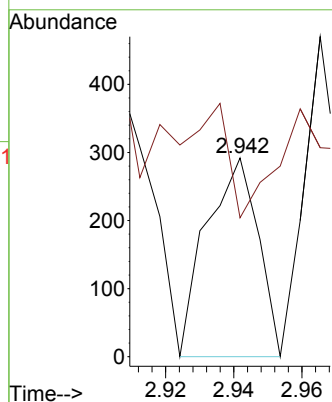
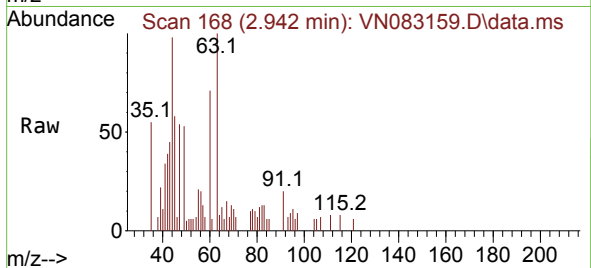




#5
Bromomethane
Concen: 0.298 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

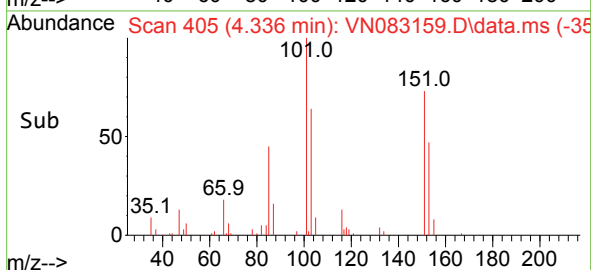
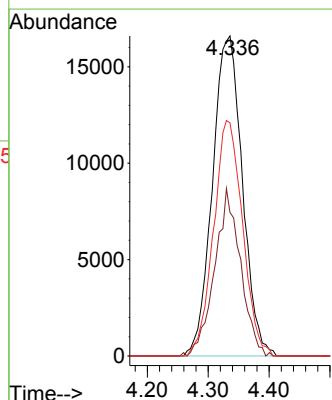
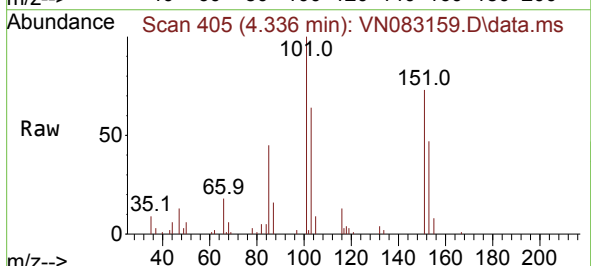
Instrument :
MSVOA_N
ClientSampleId :

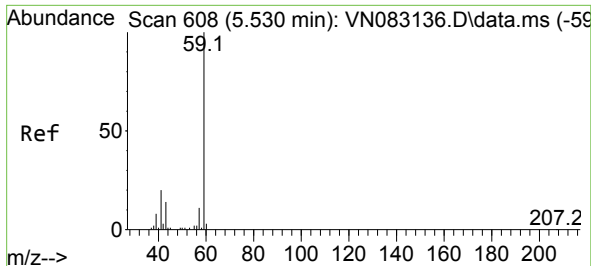
Tgt Ion: 94 Resp: 307
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 37.436 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.029 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Tgt Ion:101 Resp: 56534
Ion Ratio Lower Upper
101 100
85 45.3 38.3 57.5
151 71.5 59.3 88.9





#11

Tert butyl alcohol

Concen: 6.468 ug/l

RT: 5.489 min Scan# 601

Delta R.T. -0.041 min

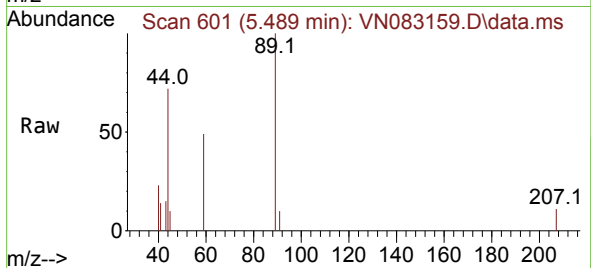
Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

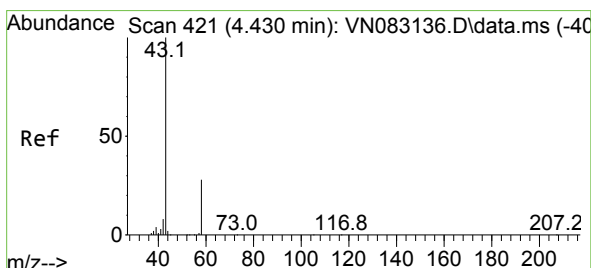
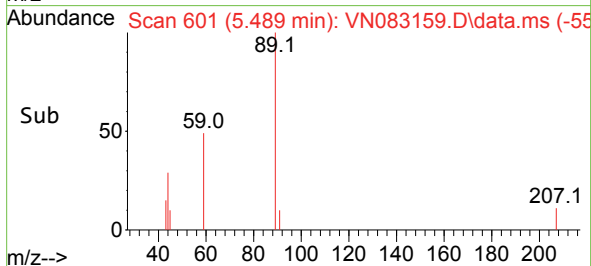
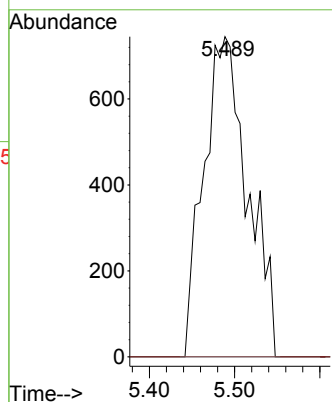


Tgt Ion: 59 Resp: 2678

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 6.563 ug/l

RT: 4.448 min Scan# 424

Delta R.T. 0.018 min

Lab File: VN083159.D

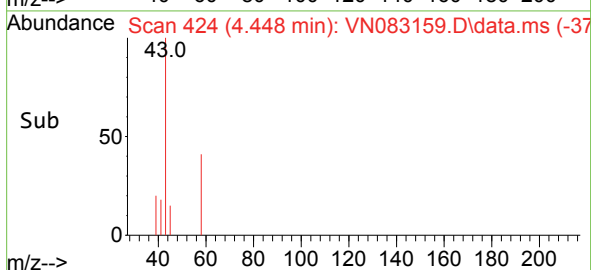
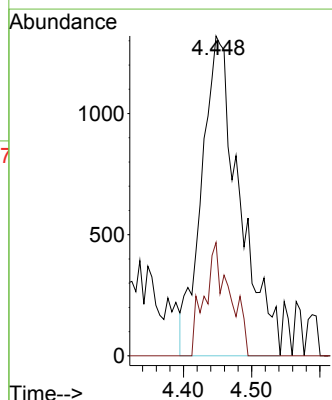
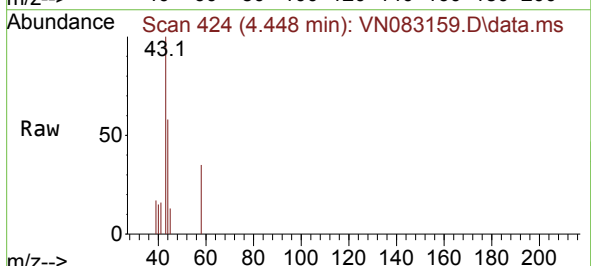
Acq: 08 Aug 2024 16:34

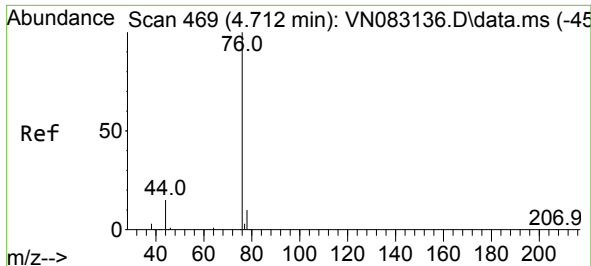
Tgt Ion: 43 Resp: 5116

Ion Ratio Lower Upper

43 100

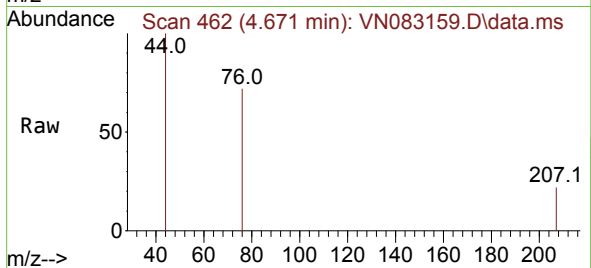
58 35.5 21.8 32.6#



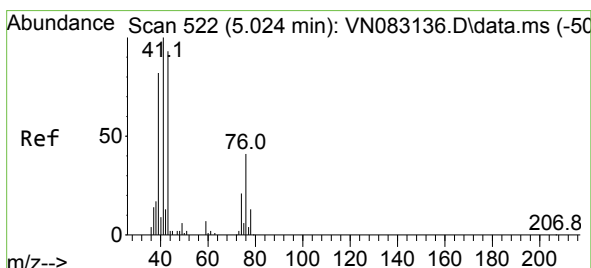
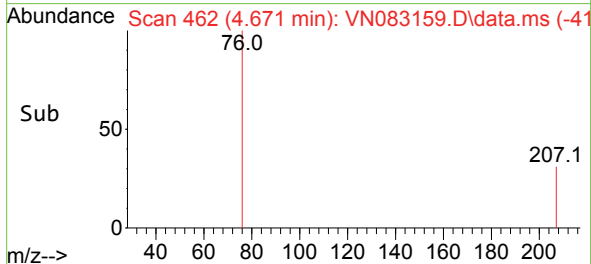
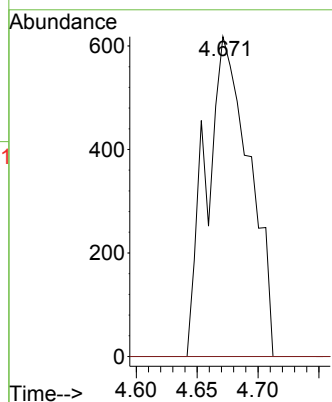


#17
Carbon Disulfide
Concen: 0.336 ug/l
RT: 4.671 min Scan# 41
Delta R.T. -0.041 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

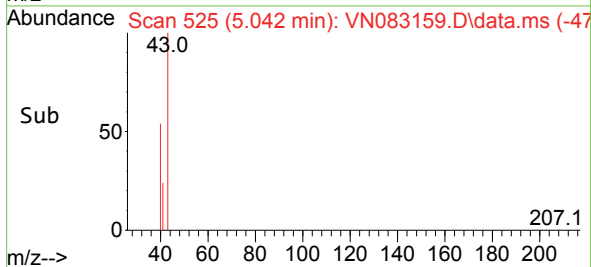
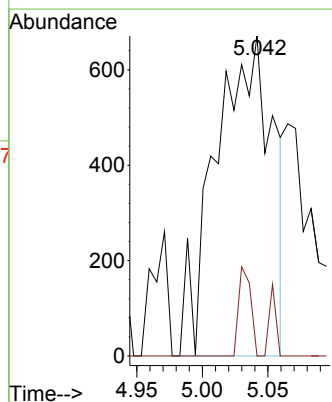
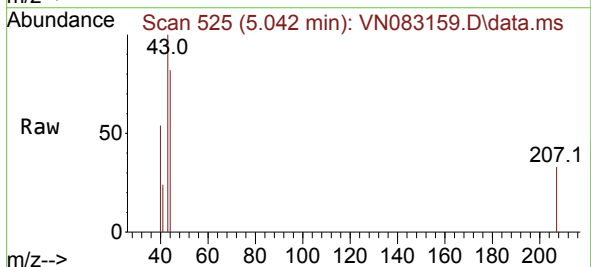


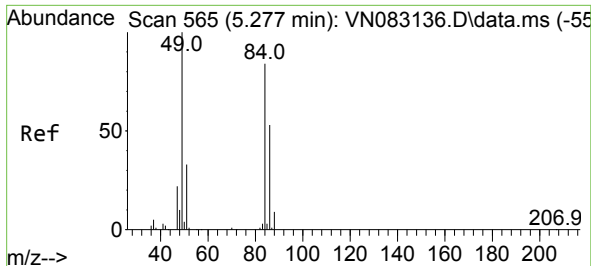
Tgt Ion: 76 Resp: 1526
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.873 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

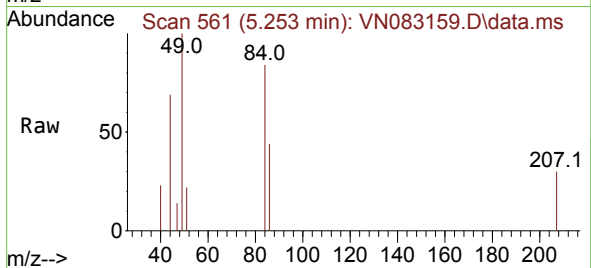
Tgt Ion: 43 Resp: 2028
Ion Ratio Lower Upper
43 100
74 2.6 16.3 24.5#





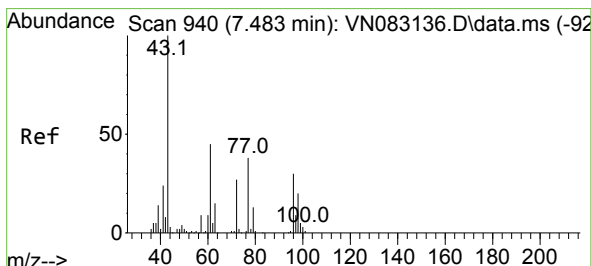
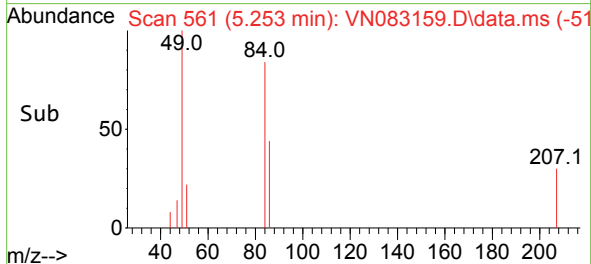
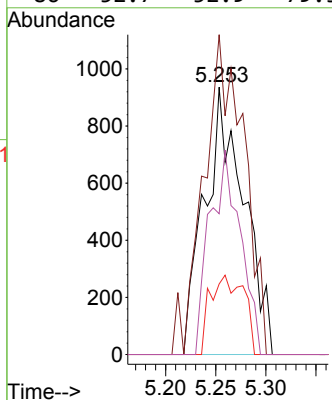
#20
Methylene Chloride
Concen: 1.412 ug/l
RT: 5.253 min Scan# 50
Delta R.T. -0.023 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 2533

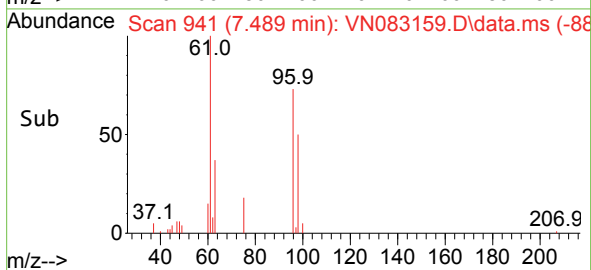
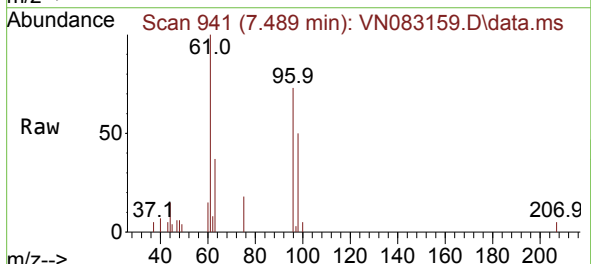
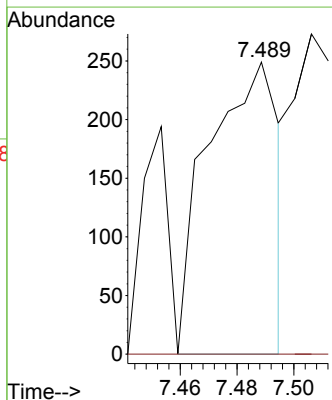
Ion	Ratio	Lower	Upper
84	100		
49	119.7	119.6	179.4
51	26.4	34.8	52.2#
86	52.7	52.9	79.3#

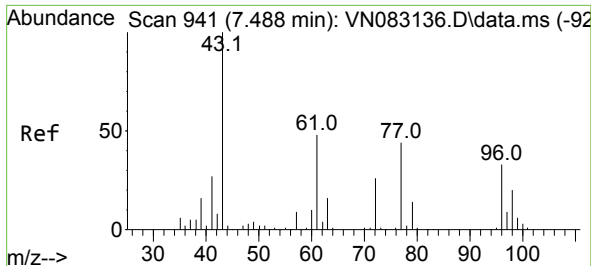


#25
2-Butanone
Concen: 0.358 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Tgt Ion: 43 Resp: 429

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#





#27

cis-1,2-Dichloroethene

Concen: 4.906 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

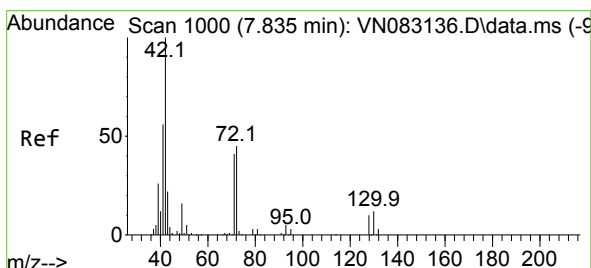
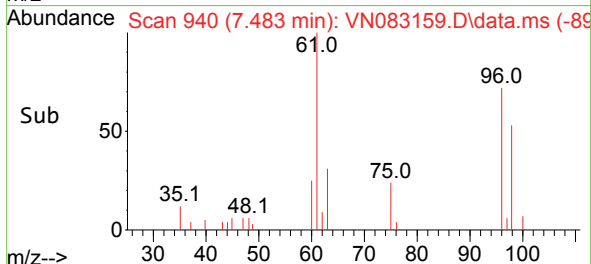
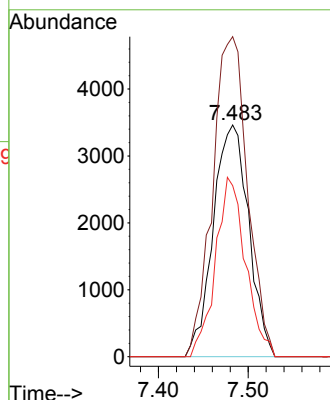
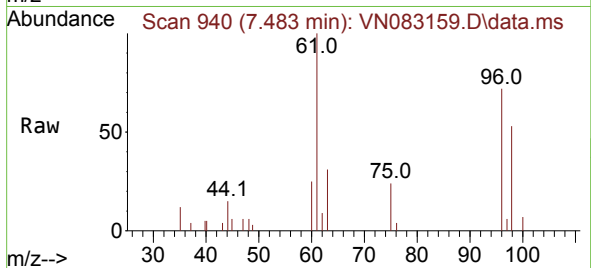
Tgt Ion: 96 Resp: 9494

Ion Ratio Lower Upper

96 100

61 136.6 0.0 329.6

98 65.7 0.0 128.6



#29

Tetrahydrofuran

Concen: 0.916 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.030 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

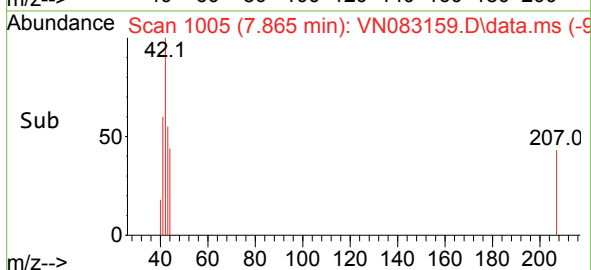
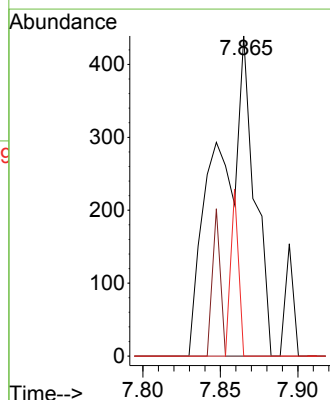
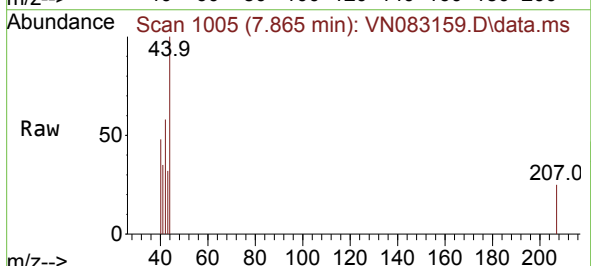
Tgt Ion: 42 Resp: 709

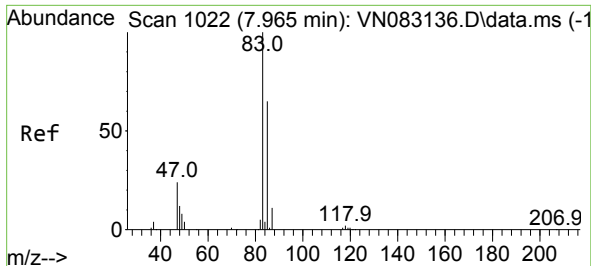
Ion Ratio Lower Upper

42 100

72 10.0 30.0 45.0#

71 11.4 28.3 42.5#





#30

Chloroform

Concen: 0.746 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

Instrument :

MSVOA_N

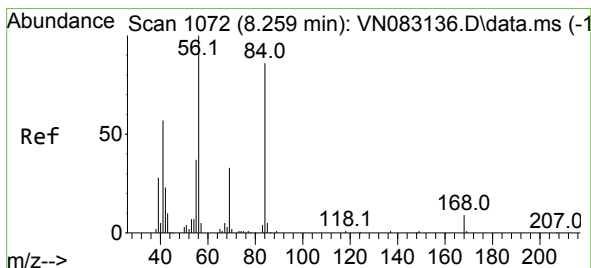
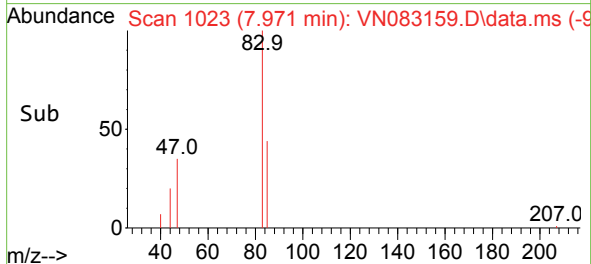
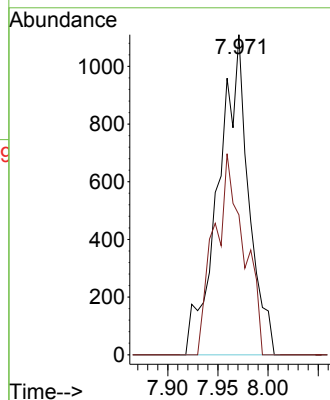
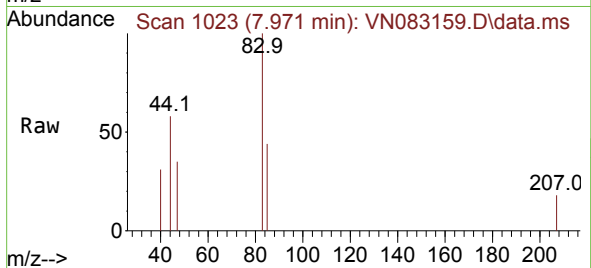
ClientSampleId :

Tgt Ion: 83 Resp: 2327

Ion Ratio Lower Upper

83 100

85 43.7 50.9 76.3#



#31

Cyclohexane

Concen: 1.219 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

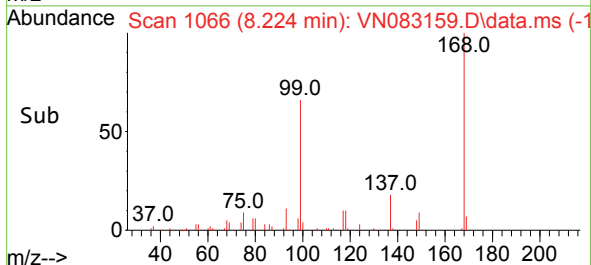
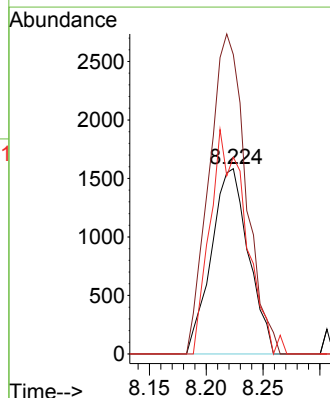
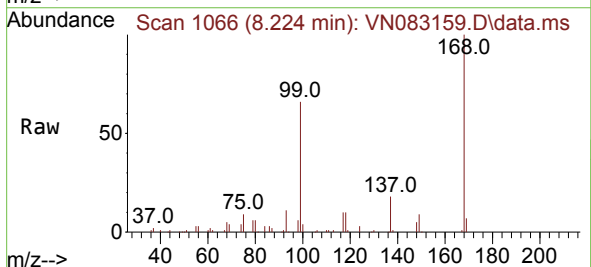
Tgt Ion: 56 Resp: 3599

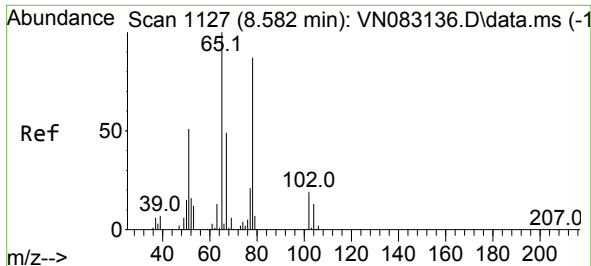
Ion Ratio Lower Upper

56 100

69 161.7 24.5 36.7#

84 106.3 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 55.911 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

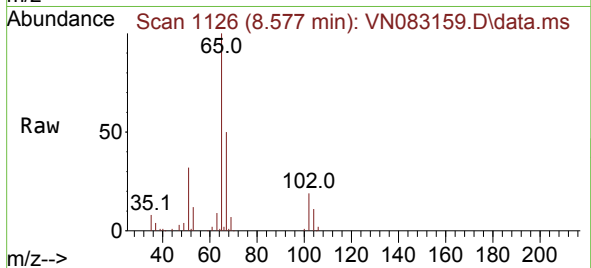
Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

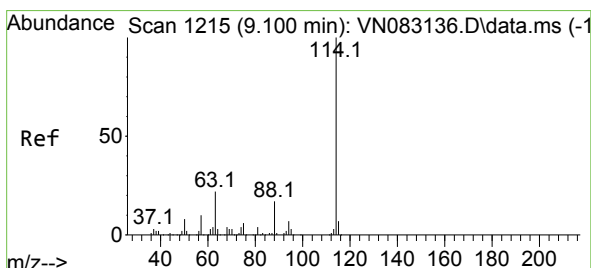
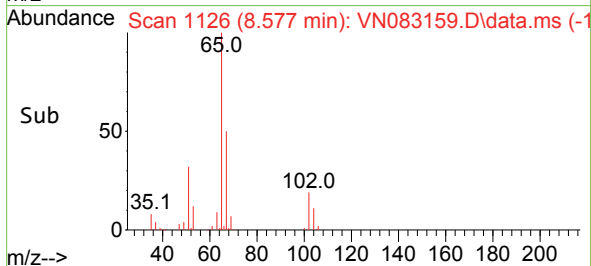
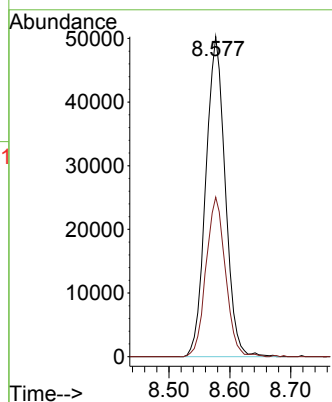


Tgt Ion: 65 Resp: 111385

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

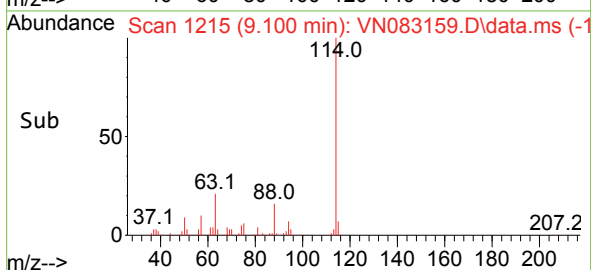
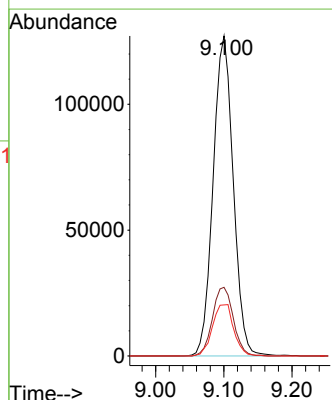
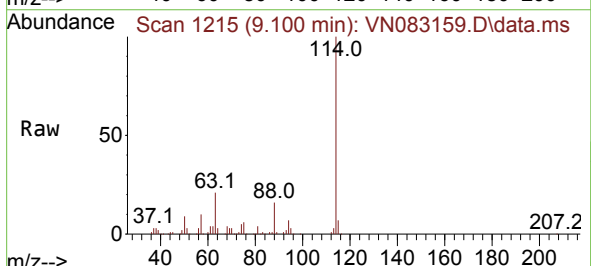
Tgt Ion:114 Resp: 261481

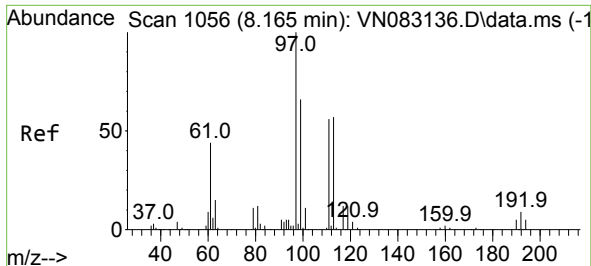
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 16.0 0.0 31.4

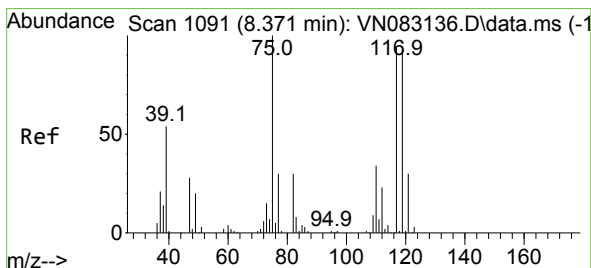
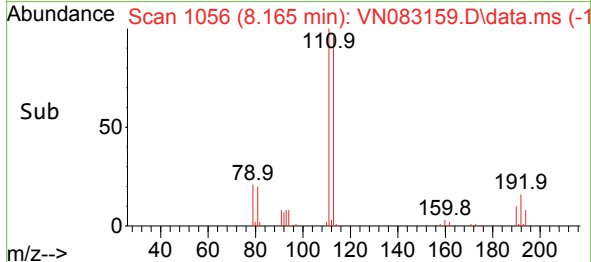
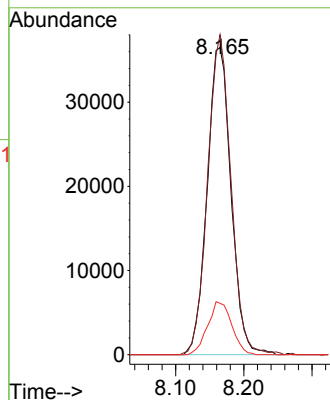
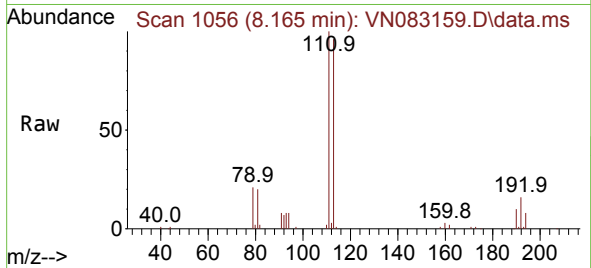




#35
Dibromofluoromethane
Concen: 54.571 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

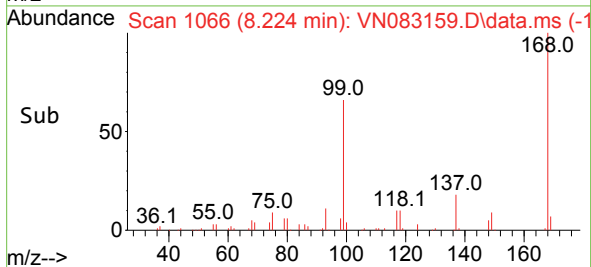
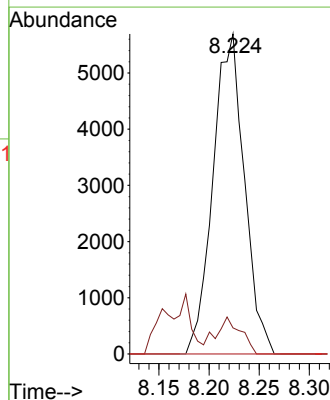
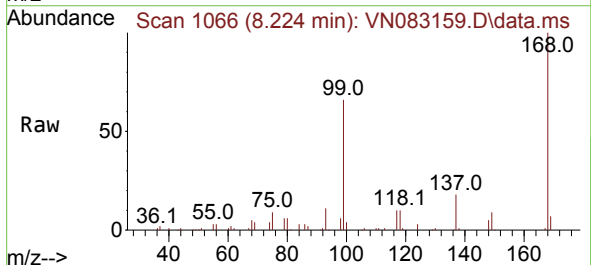
Instrument :
MSVOA_N
ClientSampleId :

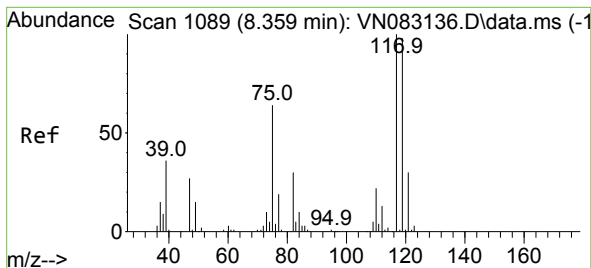
Tgt Ion:113 Resp: 89066
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.018 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Tgt Ion: 75 Resp: 12388
Ion Ratio Lower Upper
75 100
110 9.1 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.483 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.141 min

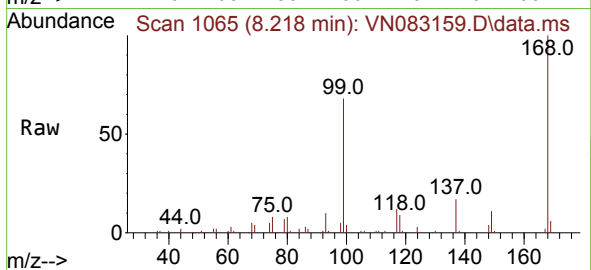
Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :



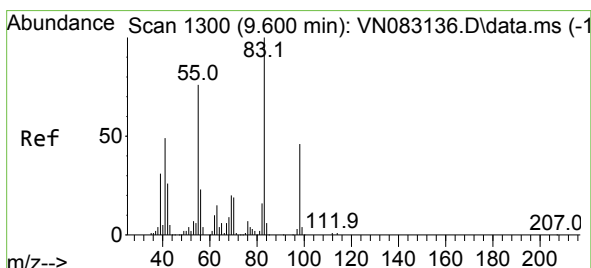
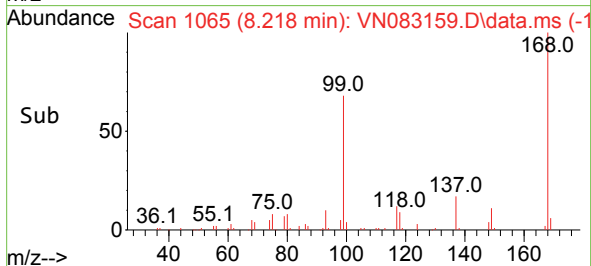
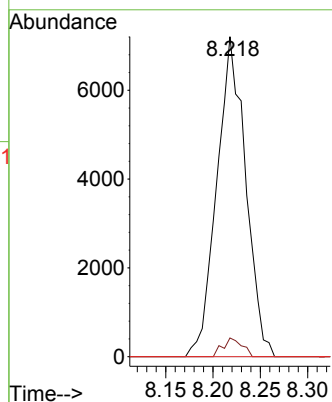
Tgt Ion:117 Resp: 15246

Ion Ratio Lower Upper

117 100

119 5.8 74.9 112.3#

121 0.0 24.3 36.5#



#39

Methylcyclohexane

Concen: 30.753 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.247 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

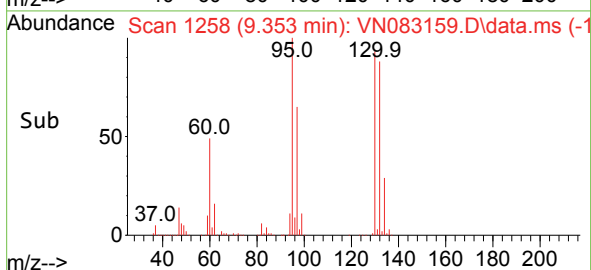
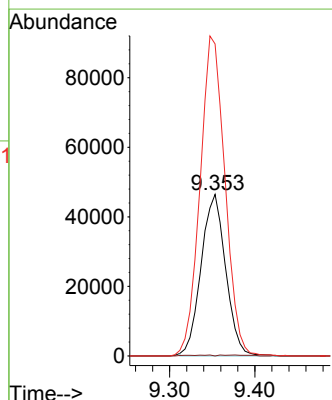
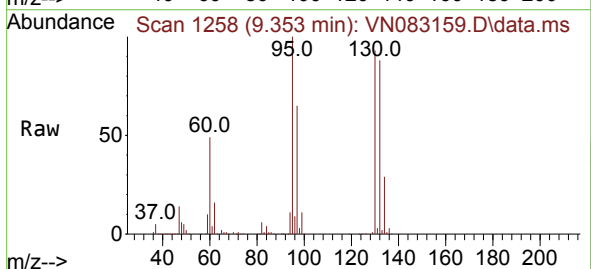
Tgt Ion: 83 Resp: 93257

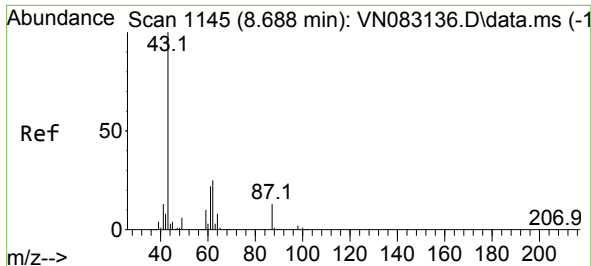
Ion Ratio Lower Upper

83 100

55 0.0 66.4 99.6#

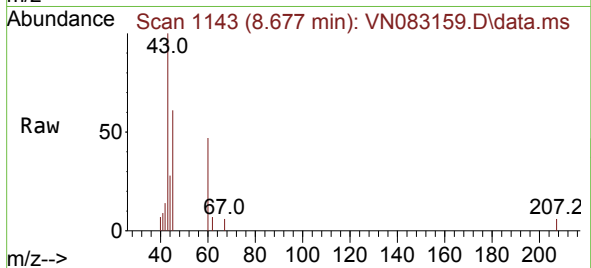
98 193.1 40.7 61.1#



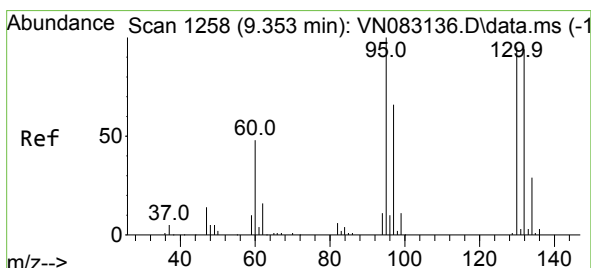
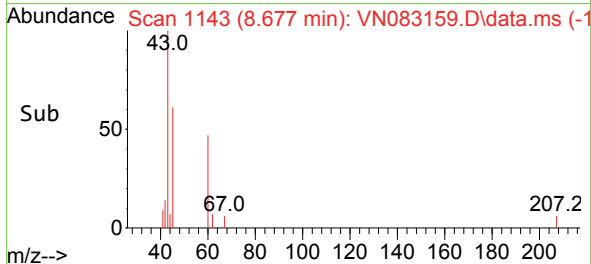
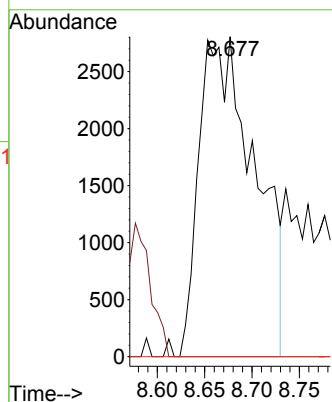


#43
Isopropyl Acetate
Concen: 0.802 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

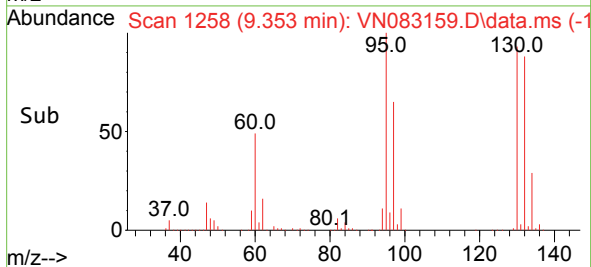
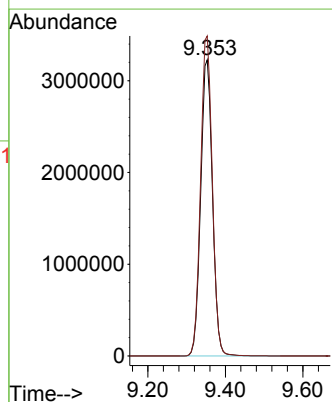
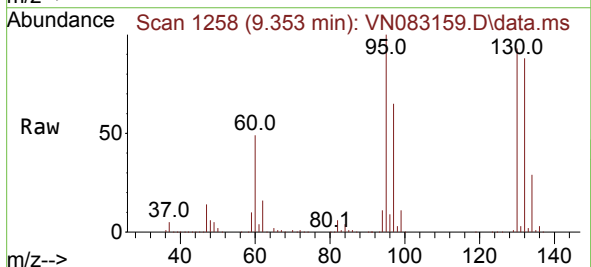


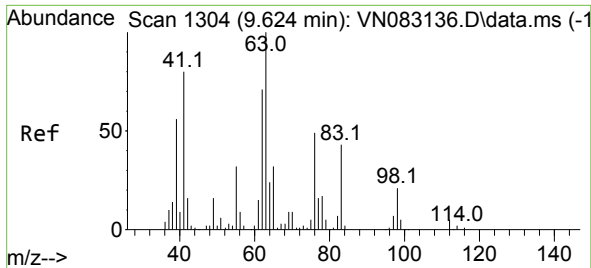
Tgt Ion: 43 Resp: 11513
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 3884.048 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

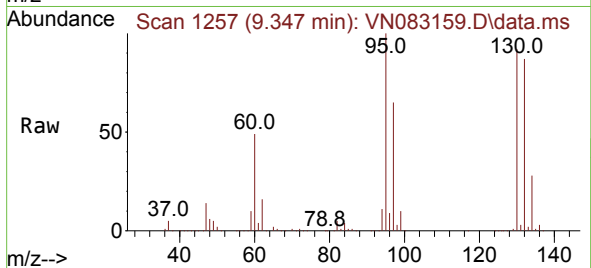
Tgt Ion:130 Resp: 6799607
Ion Ratio Lower Upper
130 100
95 108.1 0.0 197.8



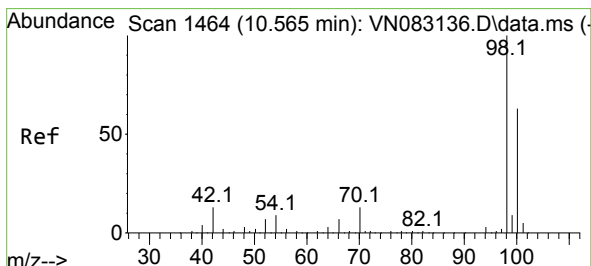
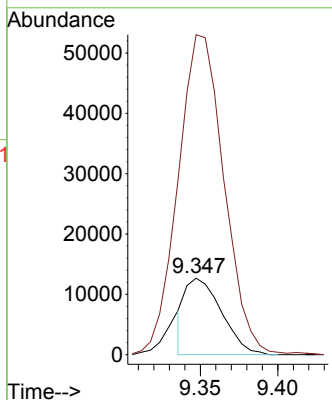
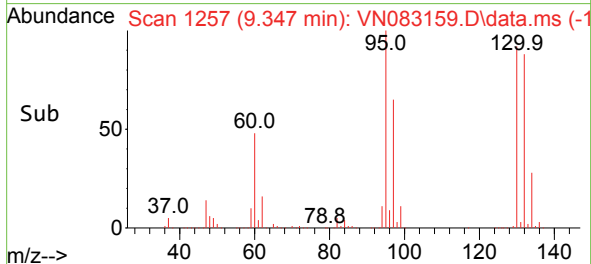


#45
1,2-Dichloropropane
Concen: 11.863 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.276 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

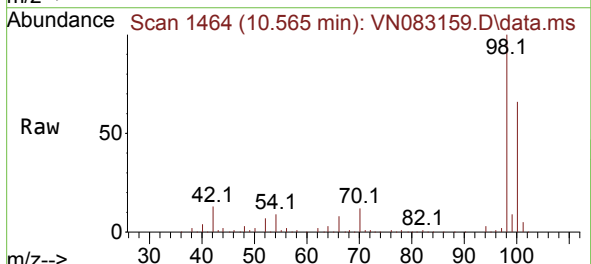
Instrument :
MSVOA_N
ClientSampleId :



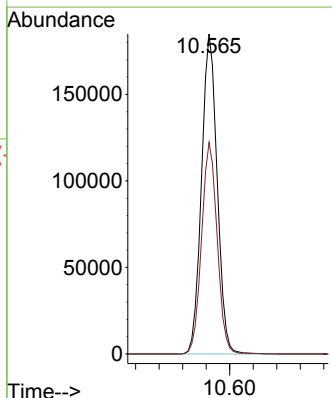
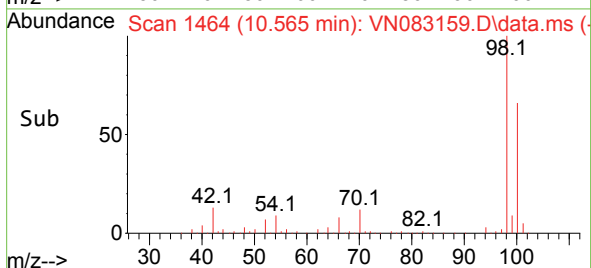
Tgt Ion: 63 Resp: 20712
Ion Ratio Lower Upper
63 100
65 415.5 24.4 36.6#

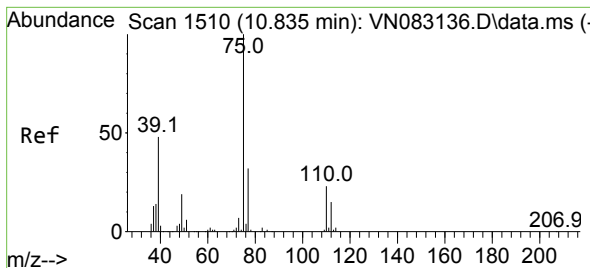


#50
Toluene-d8
Concen: 55.961 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34



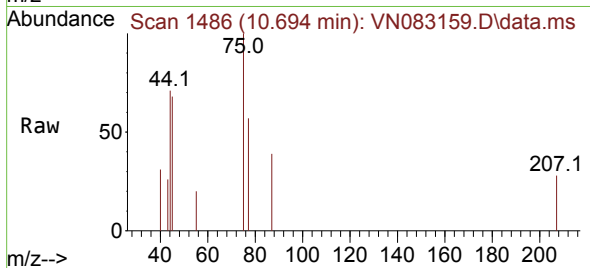
Tgt Ion: 98 Resp: 340700
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3



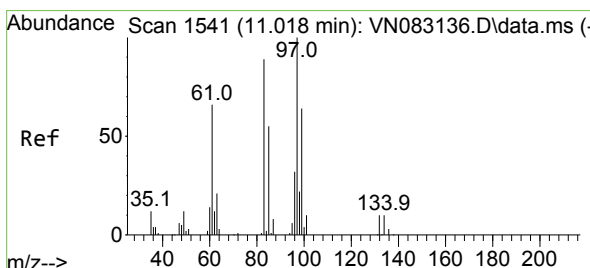
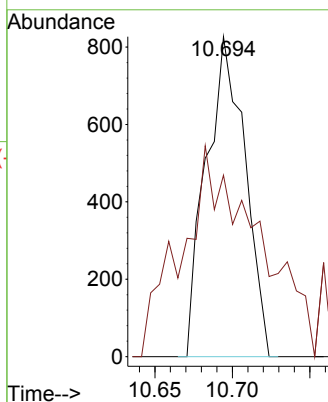
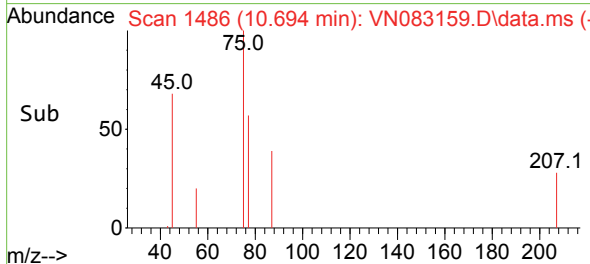


#53
t-1,3-Dichloropropene
Concen: 0.499 ug/l
RT: 10.694 min Scan# 1486
Delta R.T. -0.141 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

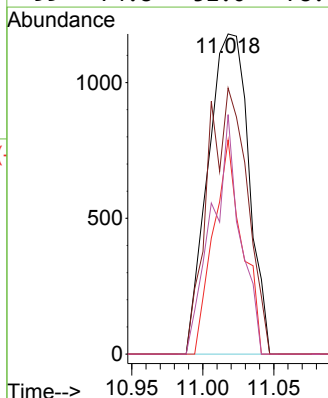
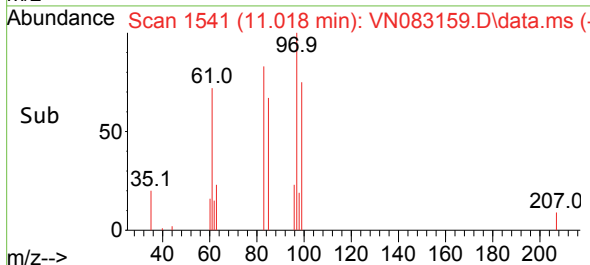
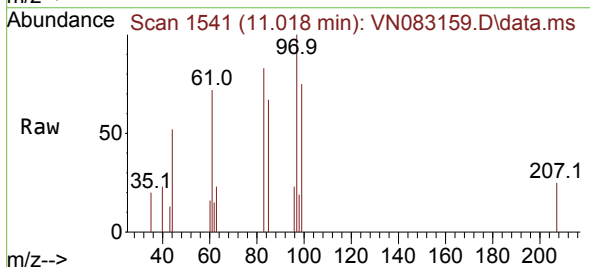


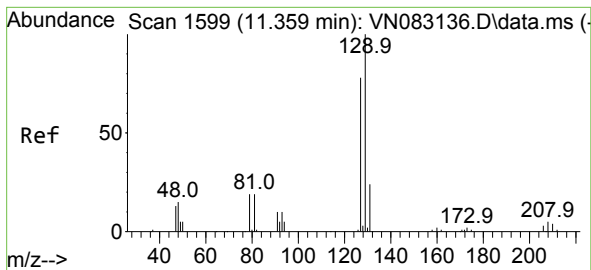
Tgt Ion: 75 Resp: 1438
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5



#55
1,1,2-Trichloroethane
Concen: 1.416 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083159.D
Acq: 08 Aug 2024 16:34

Tgt Ion: 97 Resp: 2358
Ion Ratio Lower Upper
97 100
83 83.1 71.4 107.0
85 66.9 45.8 68.6
99 74.8 52.0 78.0





#60

Dibromochloromethane

Concen: 8.135 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.259 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

Instrument :

MSVOA_N

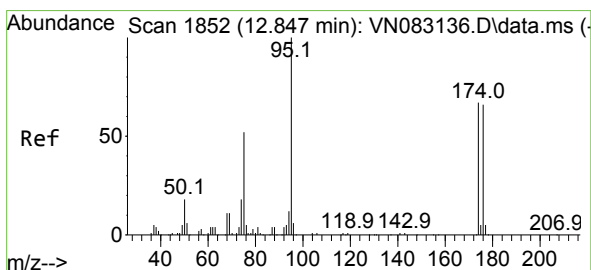
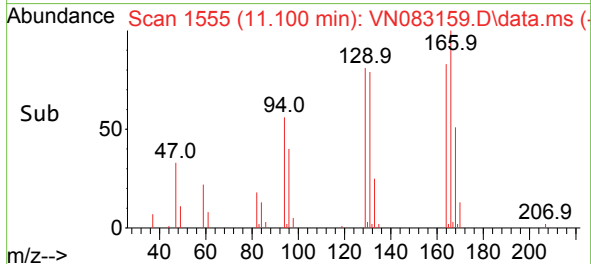
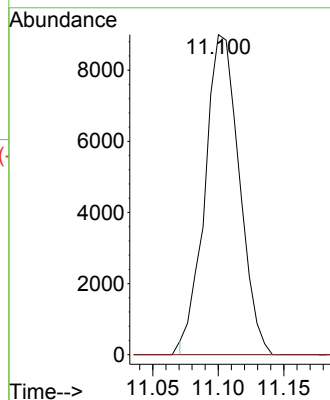
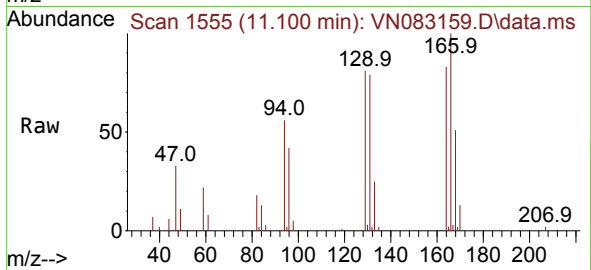
ClientSampleId :

Tgt Ion:129 Resp: 16380

Ion Ratio Lower Upper

129 100

127 0.0 39.2 117.6#



#62

4-Bromofluorobenzene

Concen: 61.241 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

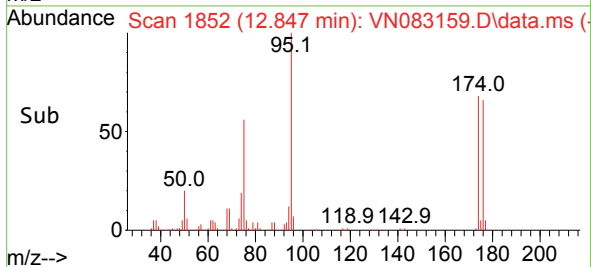
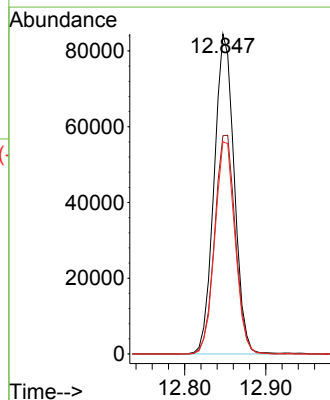
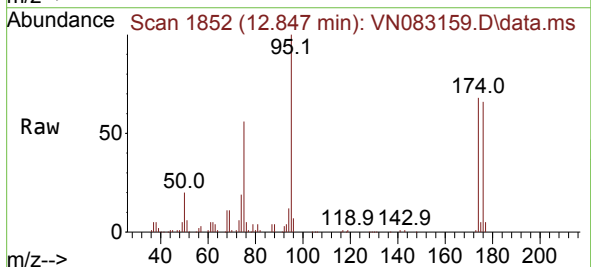
Tgt Ion: 95 Resp: 145357

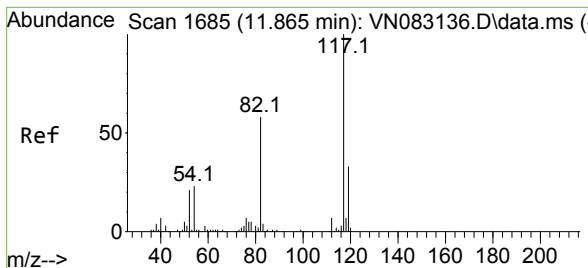
Ion Ratio Lower Upper

95 100

174 70.6 0.0 159.2

176 66.8 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: VN083159.D

Acq: 08 Aug 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

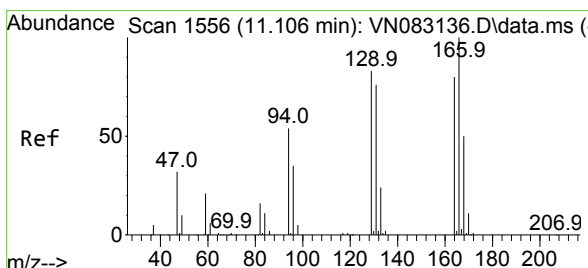
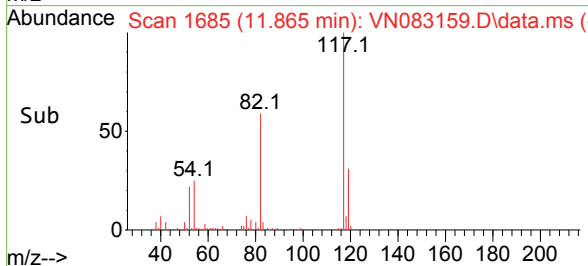
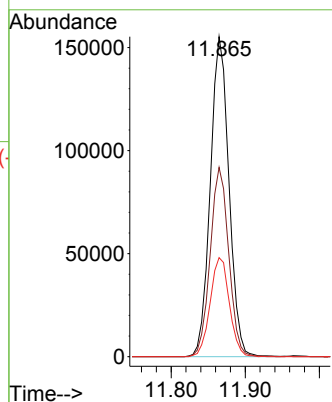
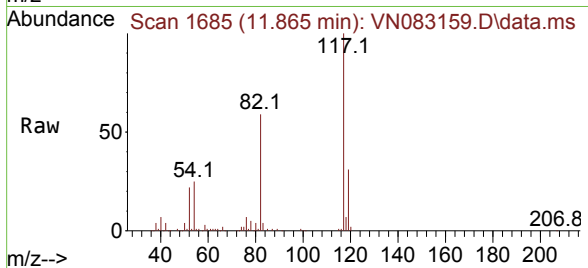
Tgt Ion:117 Resp: 270852

Ion Ratio Lower Upper

117 100

82 59.1 47.5 71.3

119 30.9 25.6 38.4



#64

Tetrachloroethene

Concen: 9.225 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083159.D

Acq: 08 Aug 2024 16:34

Tgt Ion:164 Resp: 16548

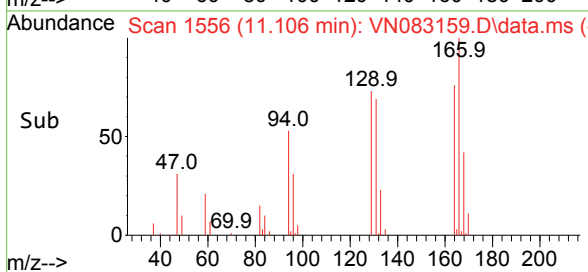
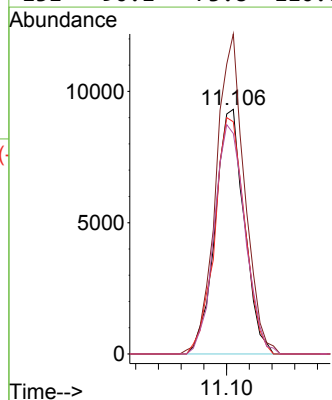
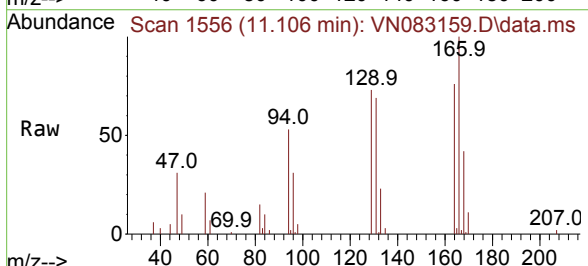
Ion Ratio Lower Upper

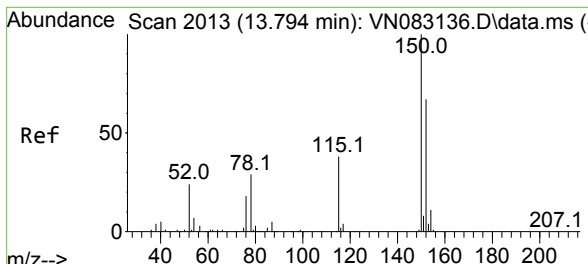
164 100

166 130.8 101.4 152.0

129 94.9 75.7 113.5

131 90.1 73.8 110.6

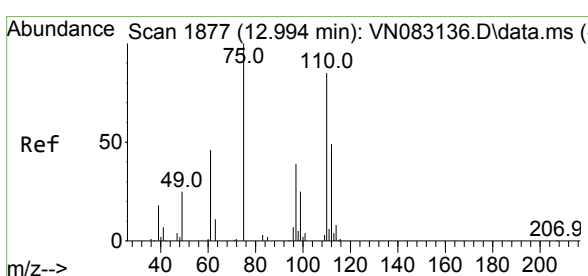
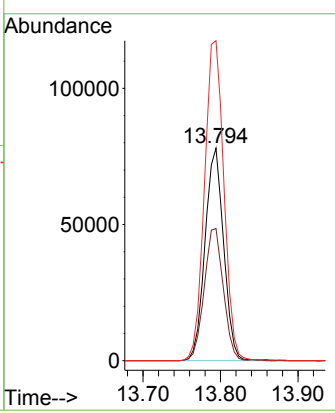
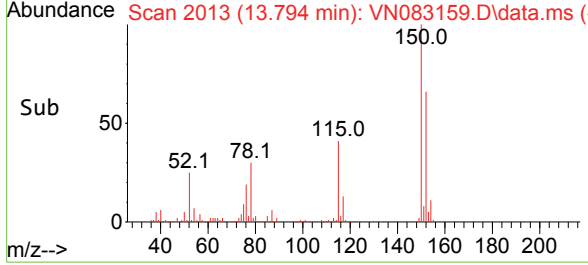
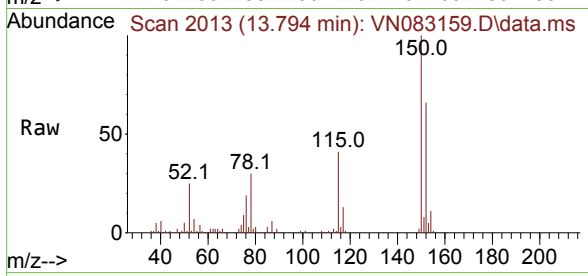




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083159.D
 Acq: 08 Aug 2024 16:34

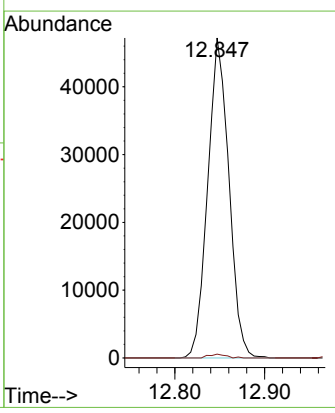
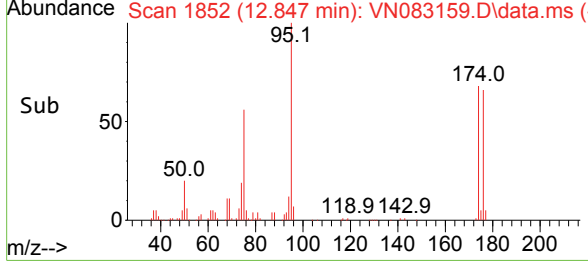
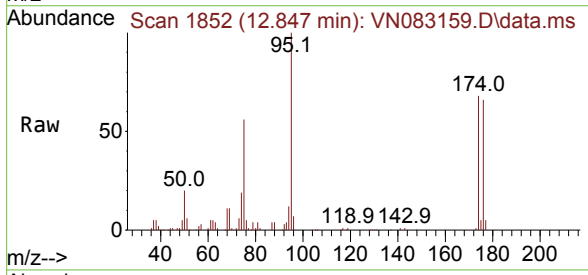
Instrument :
 MSVOA_N
 ClientSampleId :

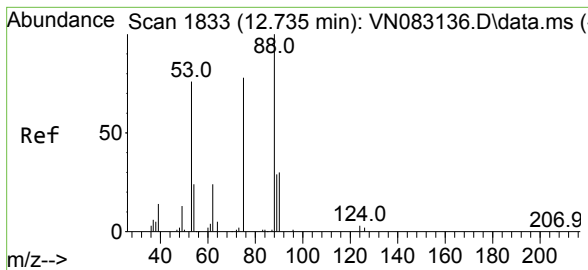
Tgt Ion:	152	Resp:	130244
Ion	Ratio	Lower	Upper
152	100		
115	64.0	30.6	91.6
150	157.1	0.0	348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.064 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083159.D
 Acq: 08 Aug 2024 16:34

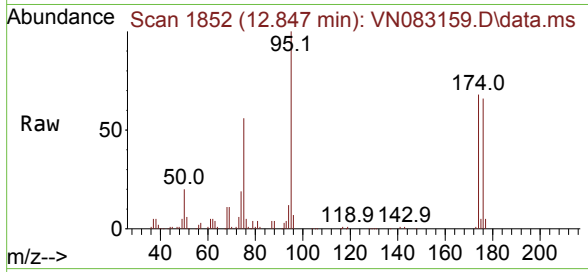
Tgt Ion:	75	Resp:	77364
Ion	Ratio	Lower	Upper
75	100		
77	1.0	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.871 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083159.D
 Acq: 08 Aug 2024 16:34

Instrument :
 MSVOA_N
 ClientSampleId :



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

