

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083181.D
 Acq On : 09 Aug 2024 14:47
 Operator : JC\MD
 Sample : P3393-08
 Misc : 7.43g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 00:58:20 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)

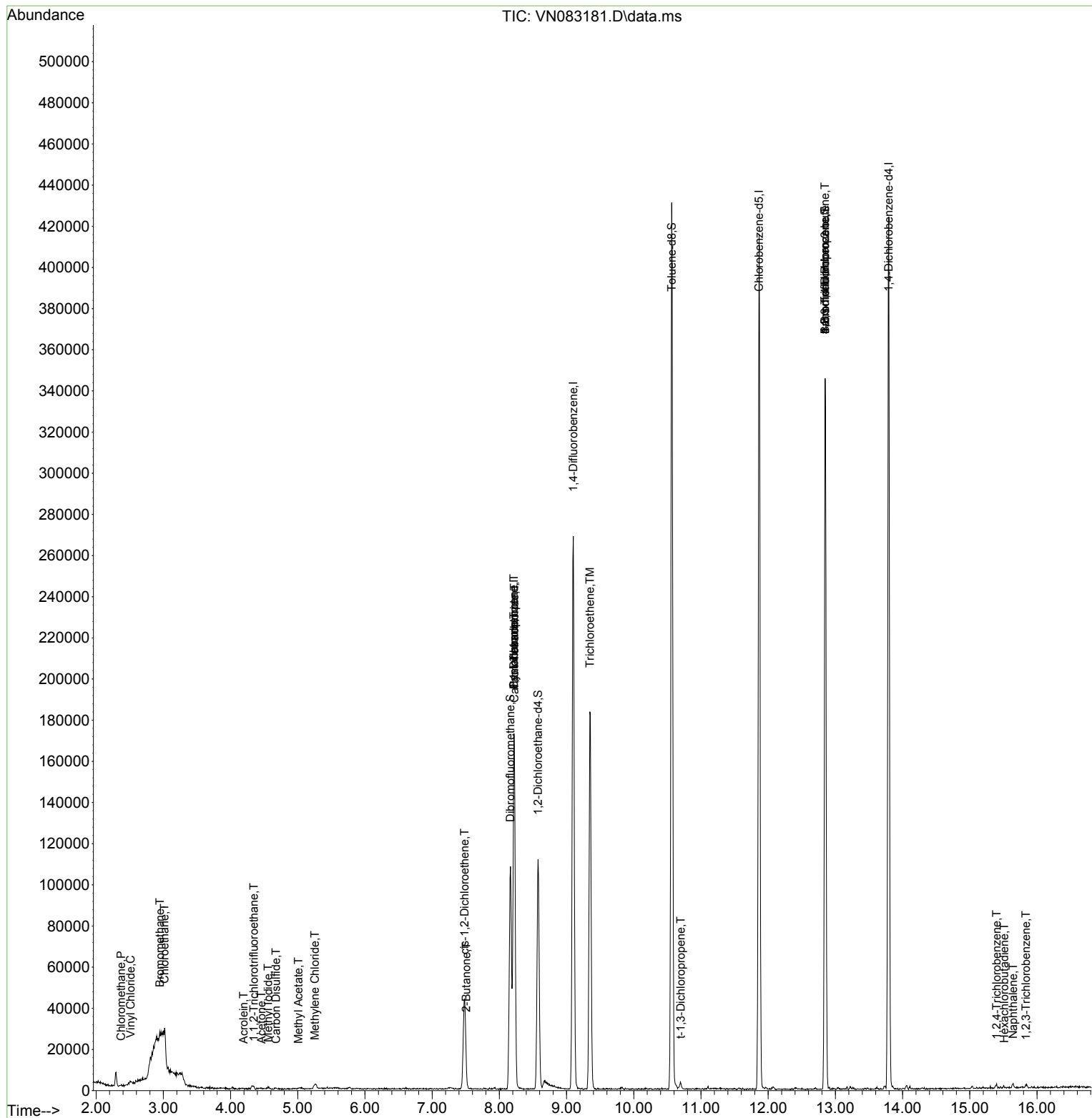
Internal Standards						
1) Pentafluorobenzene	8.218	168	120740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	228581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	96770	56.308	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.620%	
35) Dibromofluoromethane	8.165	113	77112	54.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.060%	
50) Toluene-d8	10.565	98	292525	55.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.920%	
62) 4-Bromofluorobenzene	12.847	95	125116	60.843	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 121.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	337	0.240	ug/l #	43
4) Vinyl Chloride	2.512	62	826	0.577	ug/l	99
5) Bromomethane	2.947	94	281	0.317	ug/l #	24
6) Chloroethane	3.018	64	222	0.248	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	4.347	101	1239	0.951	ug/l #	19
10) Methyl Iodide	4.559	142	991	0.578	ug/l #	79
13) Acrolein	4.194	56	59	0.253	ug/l #	14
16) Acetone	4.459	43	1118	1.662	ug/l #	48
17) Carbon Disulfide	4.677	76	1259	0.321	ug/l #	75
18) Methyl Acetate	5.012	43	481	0.240	ug/l #	56
20) Methylene Chloride	5.253	84	1886	1.219	ug/l #	71
25) 2-Butanone	7.506	43	221	0.214	ug/l #	53
27) cis-1,2-Dichloroethene	7.482	96	27065	16.214	ug/l	81
31) Cyclohexane	8.218	56	3163	1.242	ug/l #	18
36) 1,1-Dichloropropene	8.218	75	10738	5.020	ug/l #	52
38) Carbon Tetrachloride	8.223	117	13312	5.525	ug/l #	13
43) Isopropyl Acetate	8.700	43	3092	Below Cal	#	60
44) Trichloroethene	9.347	130	64289	42.387	ug/l	95
53) t-1,3-Dichloropropene	10.700	75	1926	0.771	ug/l #	87
71) Bromoform	12.847	173	541	0.401	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68386	28.424	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68386	61.828	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.399	180	765	0.368	ug/l #	82
94) Hexachlorobutadiene	15.511	225	259	0.280	ug/l #	42
95) Naphthalene	15.647	128	2796	0.380	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.835	180	735	0.358	ug/l #	67

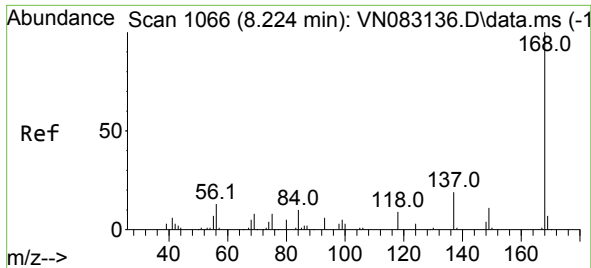
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
Data File : VN083181.D
Acq On : 09 Aug 2024 14:47
Operator : JC\MD
Sample : P3393-08
Misc : 7.43g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 10 00:58:20 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

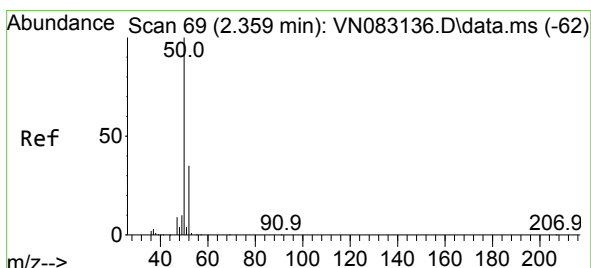
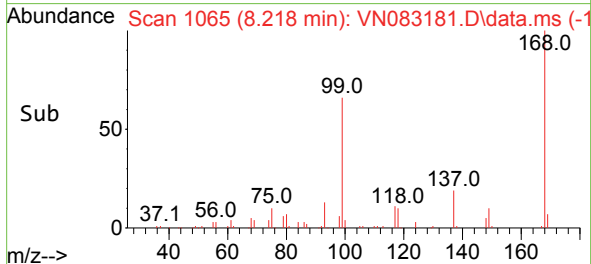
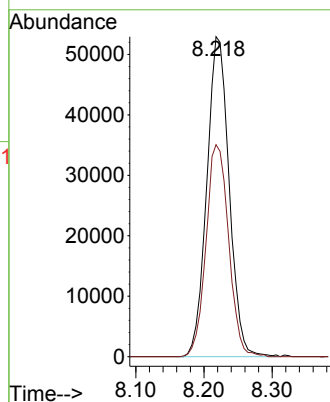
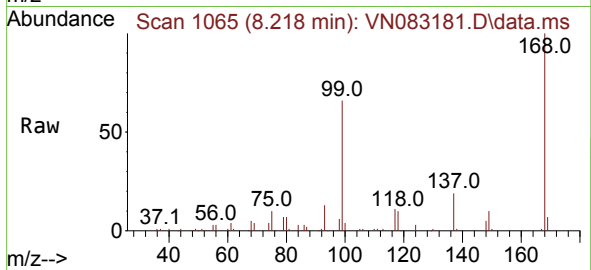




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

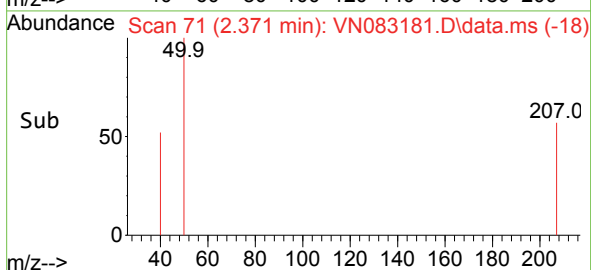
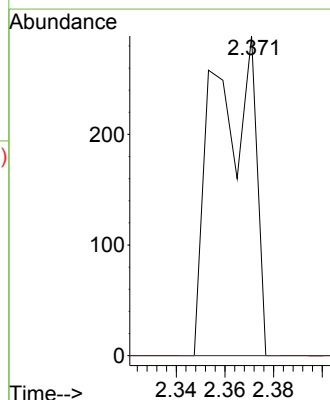
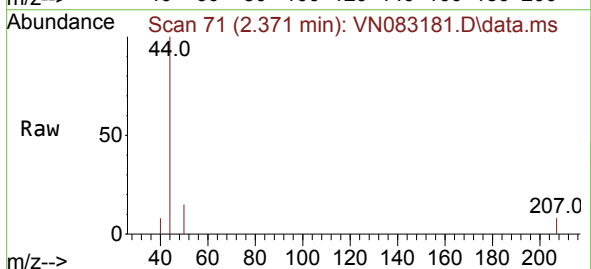
Instrument :
MSVOA_N
ClientSampleId :

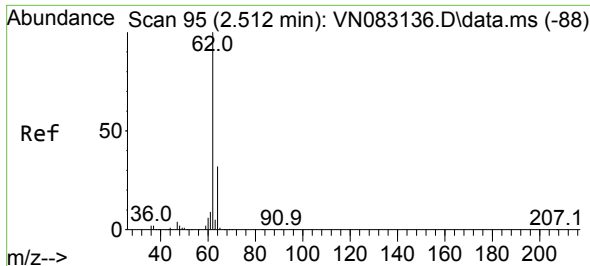
Tgt Ion:168 Resp: 120740
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#3
Chloromethane
Concen: 0.240 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

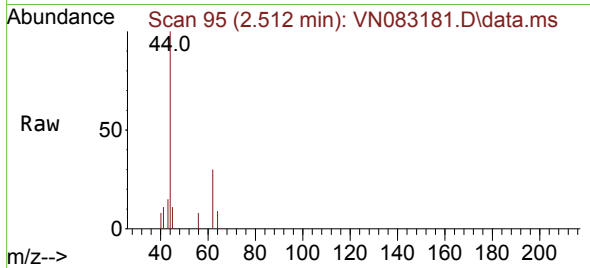
Tgt Ion: 50 Resp: 337
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



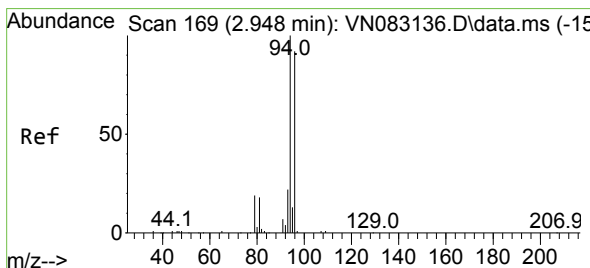
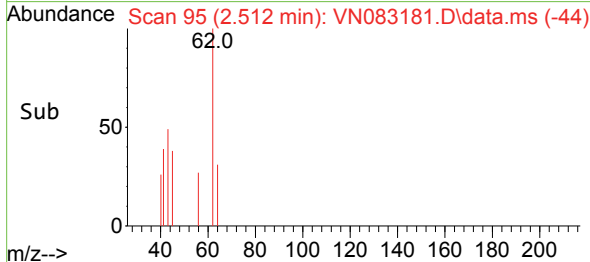
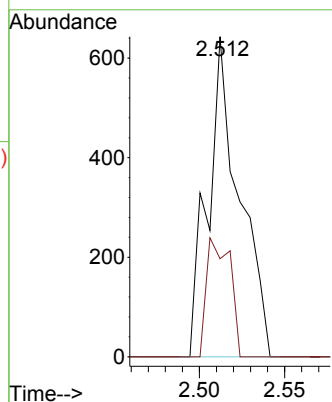


#4
 Vinyl Chloride
 Concen: 0.577 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN083181.D
 Acq: 09 Aug 2024 14:47

Instrument :
 MSVOA_N
 ClientSampleId :

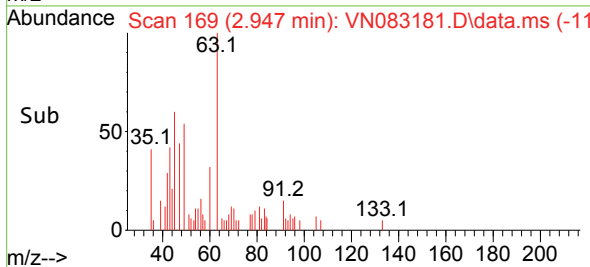
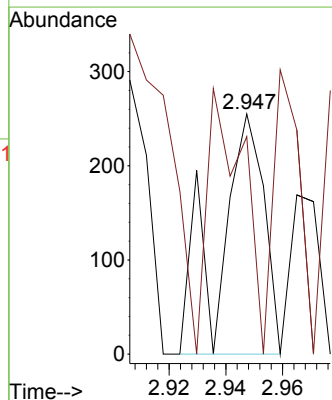
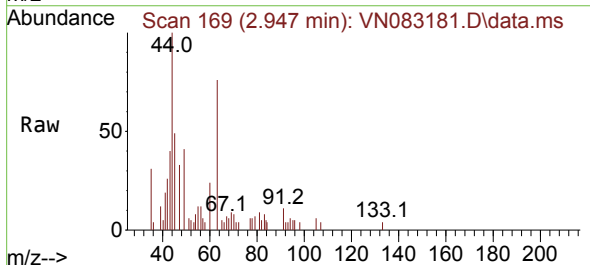


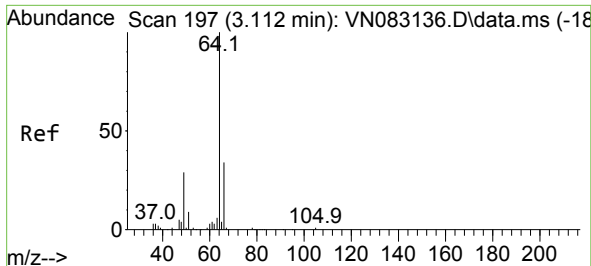
Tgt Ion: 62 Resp: 826
 Ion Ratio Lower Upper
 62 100
 64 30.6 25.0 37.6



#5
 Bromomethane
 Concen: 0.317 ug/l
 RT: 2.947 min Scan# 169
 Delta R.T. -0.000 min
 Lab File: VN083181.D
 Acq: 09 Aug 2024 14:47

Tgt Ion: 94 Resp: 281
 Ion Ratio Lower Upper
 94 100
 96 22.7 78.0 117.0#

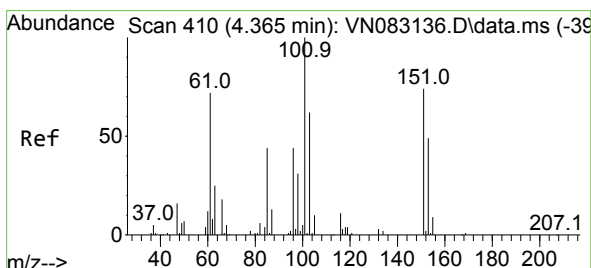
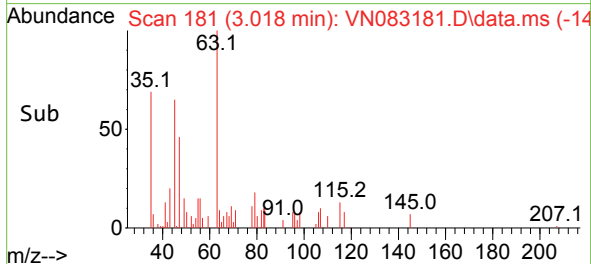
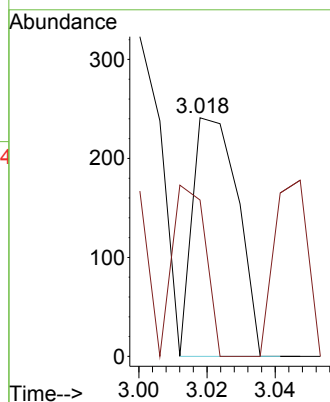
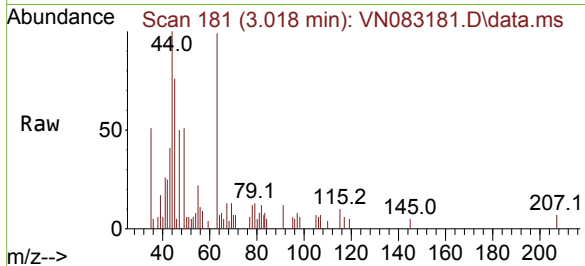




#6
Chloroethane
Concen: 0.248 ug/l
RT: 3.018 min Scan# 11
Delta R.T. -0.094 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

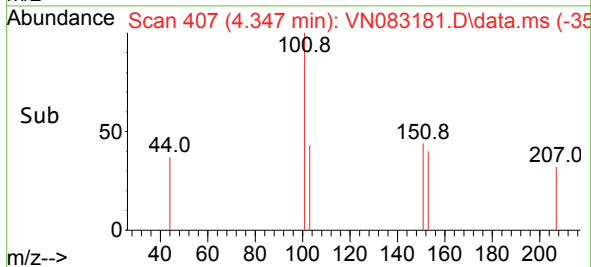
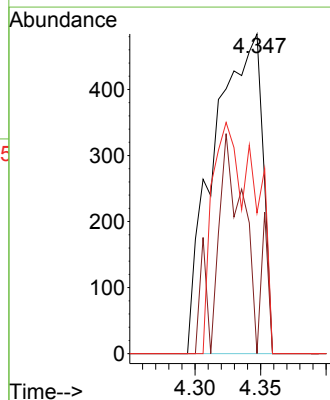
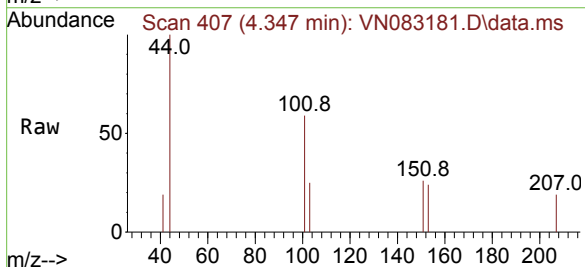
Instrument :
MSVOA_N
ClientSampleId :

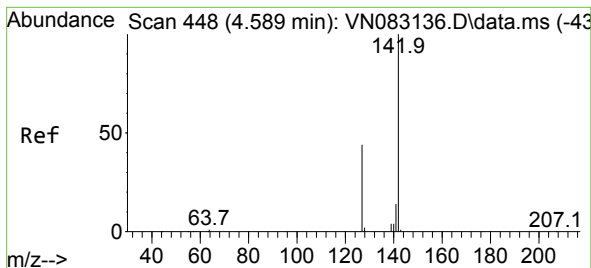
Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.951 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.018 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

Tgt Ion:101 Resp: 1239
Ion Ratio Lower Upper
101 100
85 0.0 38.3 57.5#
151 0.0 59.3 88.9#





#10

Methyl Iodide

Concen: 0.578 ug/l

RT: 4.559 min Scan# 448

Delta R.T. -0.030 min

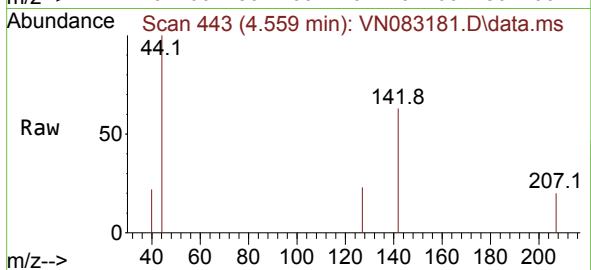
Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :



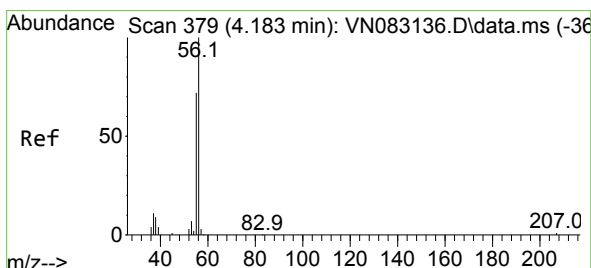
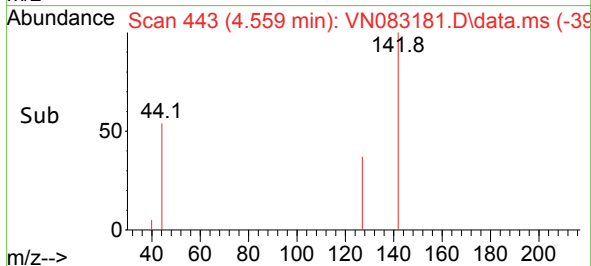
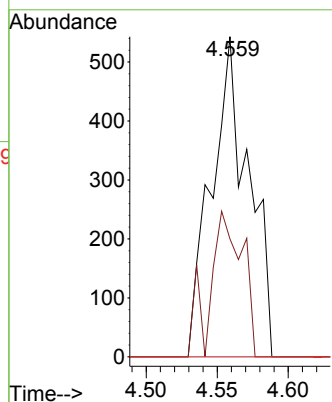
Tgt Ion:142 Resp: 991

Ion Ratio Lower Upper

142 100

127 36.8 37.5 56.3#

141 0.0 13.1 19.7#



#13

Acrolein

Concen: 0.253 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.012 min

Lab File: VN083181.D

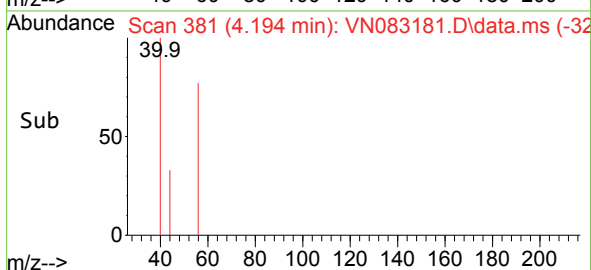
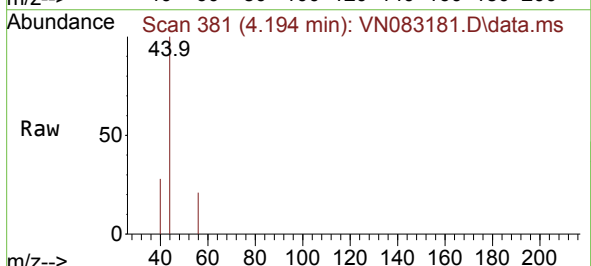
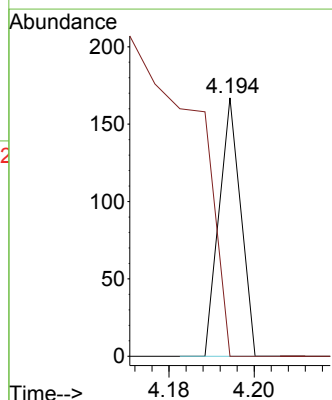
Acq: 09 Aug 2024 14:47

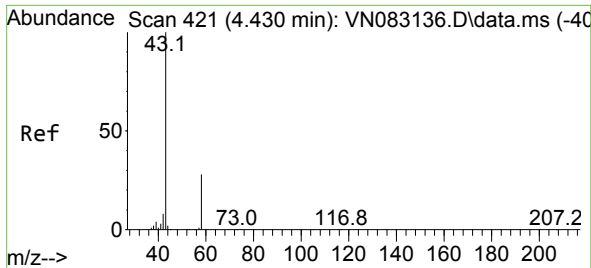
Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

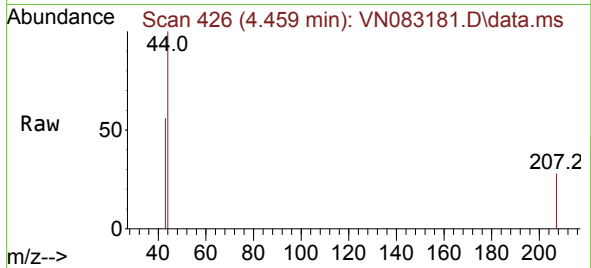
55 0.0 56.4 84.6#



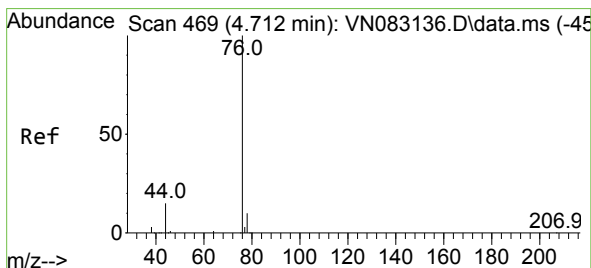
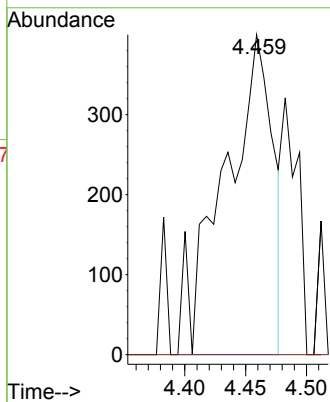
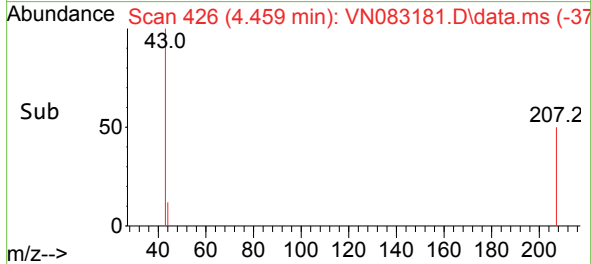


#16
Acetone
Concen: 1.662 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

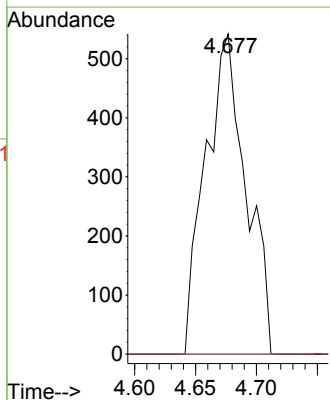
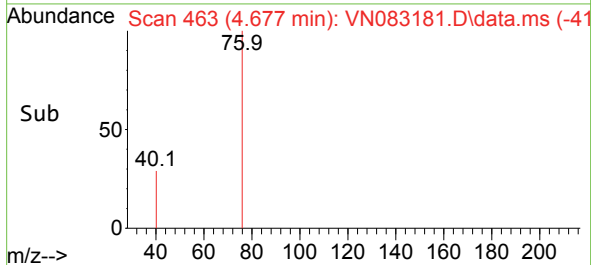
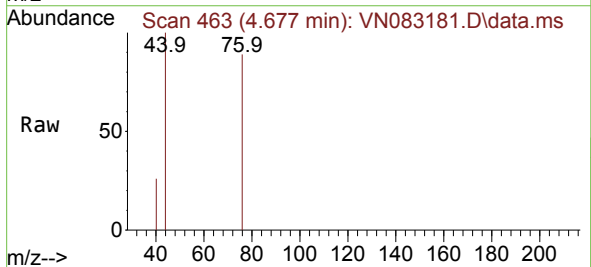


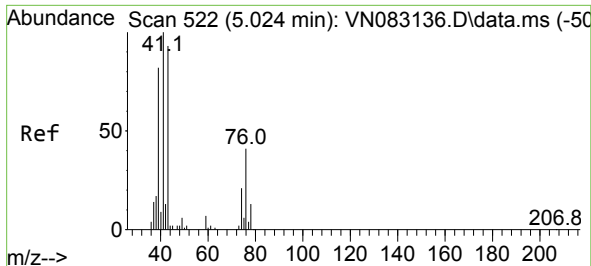
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.321 ug/l
RT: 4.677 min Scan# 463
Delta R.T. -0.035 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

Tgt Ion: 76 Resp: 1259
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.240 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.012 min MSVOA_N

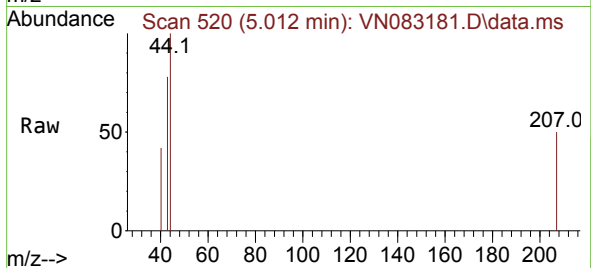
Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

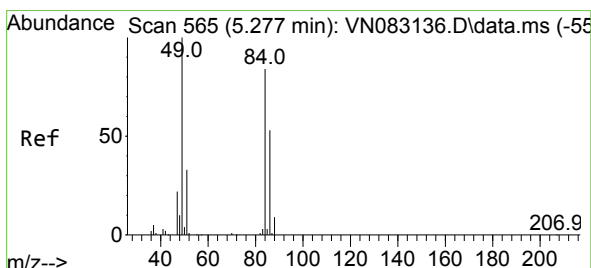
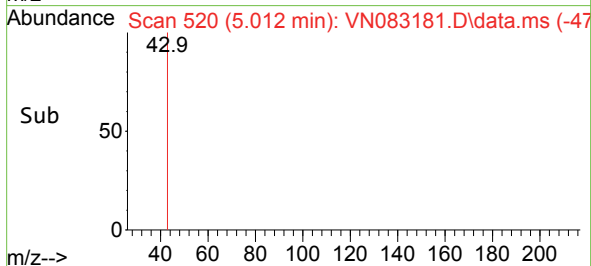
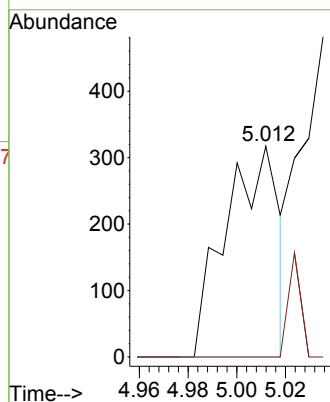


Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#20

Methylene Chloride

Concen: 1.219 ug/l

RT: 5.253 min Scan# 561

Delta R.T. -0.024 min

Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

Tgt Ion: 84 Resp: 1886

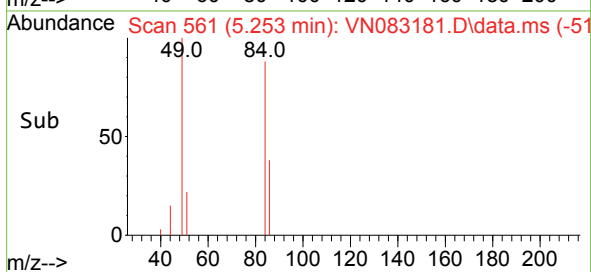
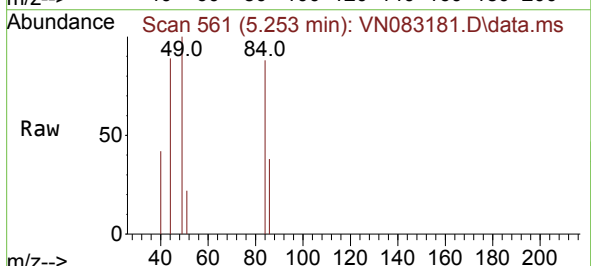
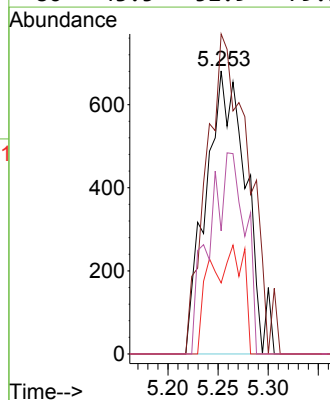
Ion Ratio Lower Upper

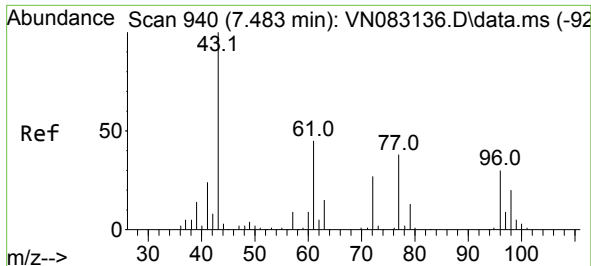
84 100

49 113.1 119.6 179.4#

51 25.1 34.8 52.2#

86 43.5 52.9 79.3#

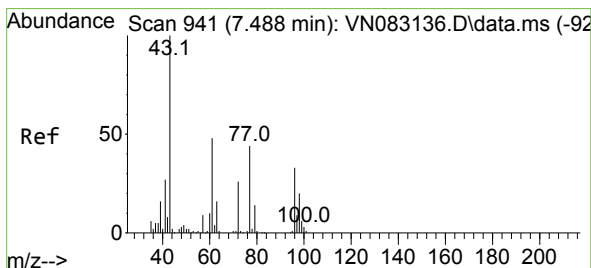
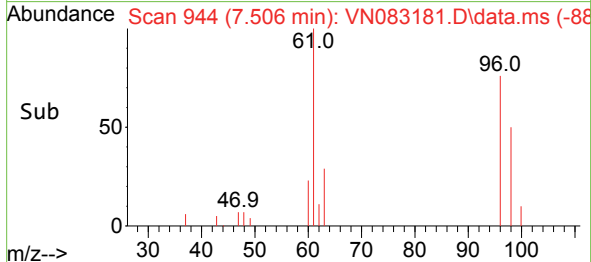
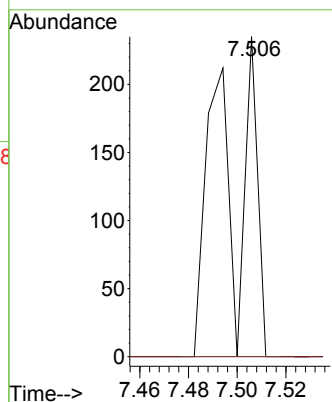
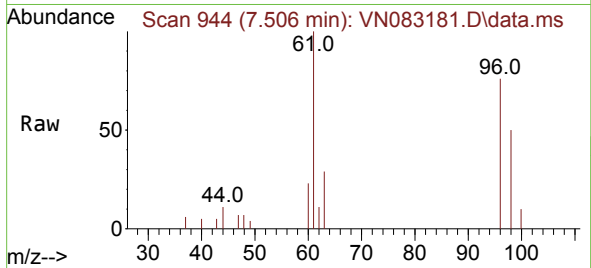




#25
2-Butanone
Concen: 0.214 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.023 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

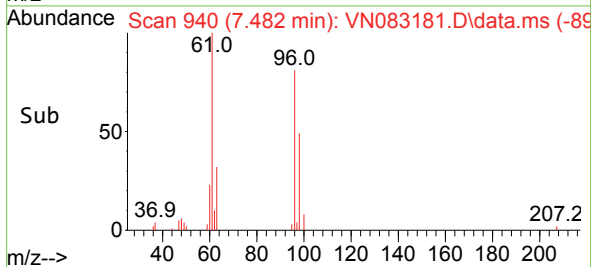
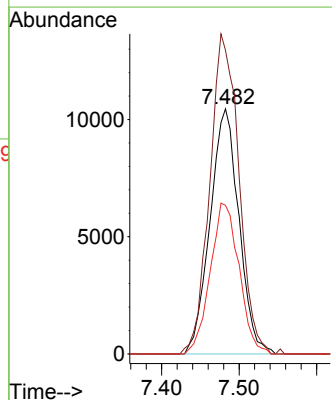
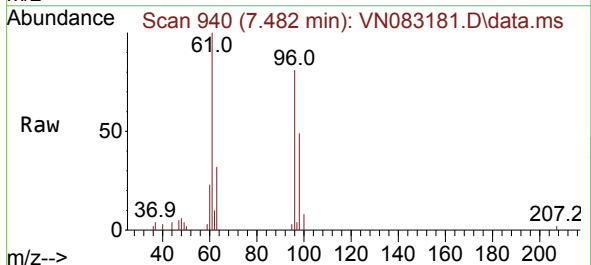
Instrument :
MSVOA_N
ClientSampleId :

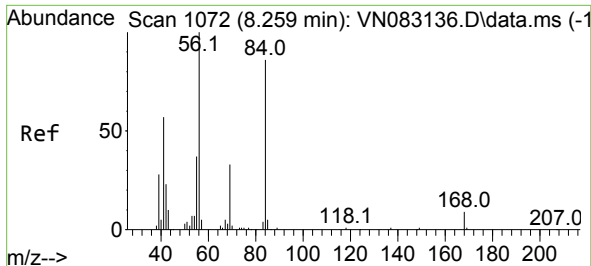
Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#27
cis-1,2-Dichloroethene
Concen: 16.214 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

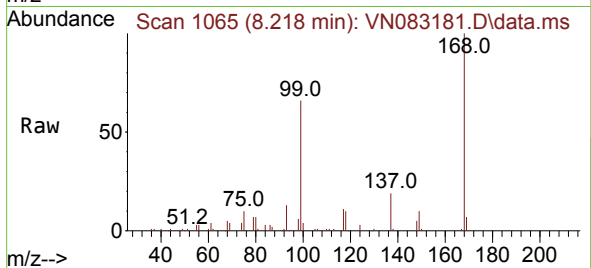
Tgt Ion: 96 Resp: 27065
Ion Ratio Lower Upper
96 100
61 131.5 0.0 329.6
98 61.5 0.0 128.6



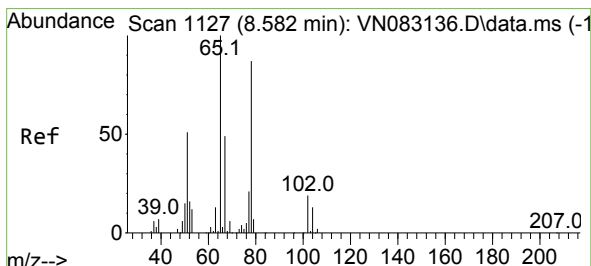
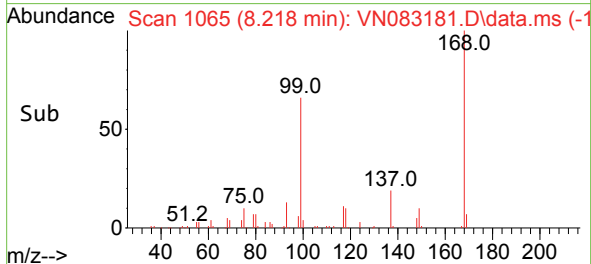
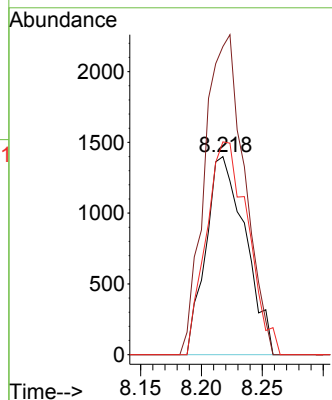


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

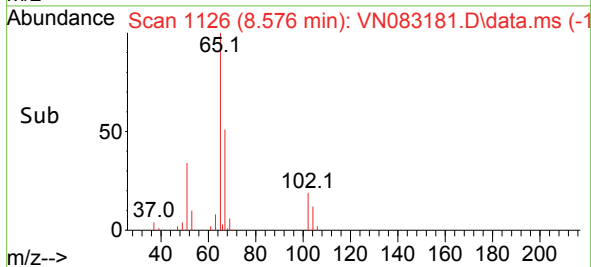
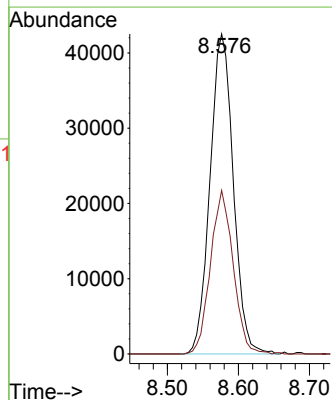
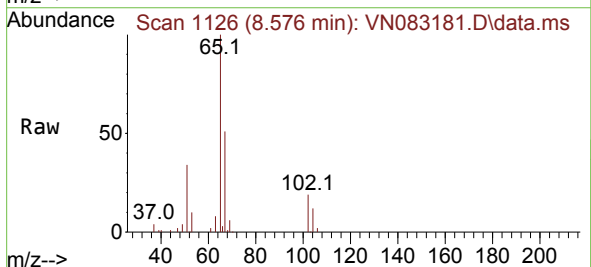


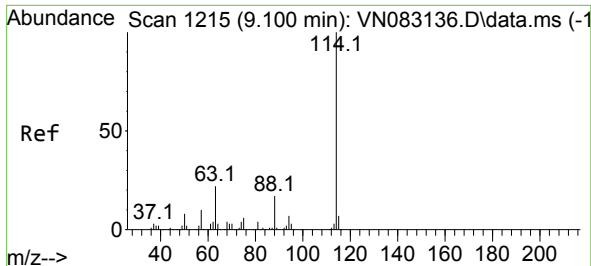
Tgt Ion: 56 Resp: 3163
Ion Ratio Lower Upper
56 100
69 155.6 24.5 36.7#
84 107.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.308 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

Tgt Ion: 65 Resp: 96770
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

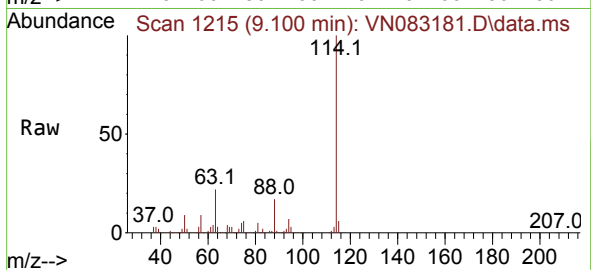
Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :



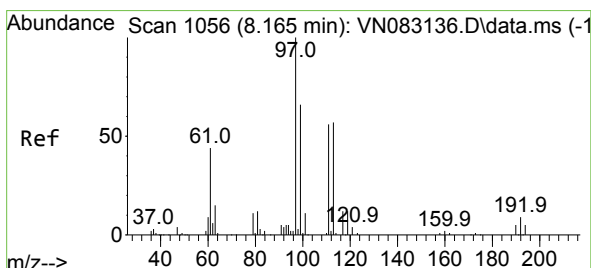
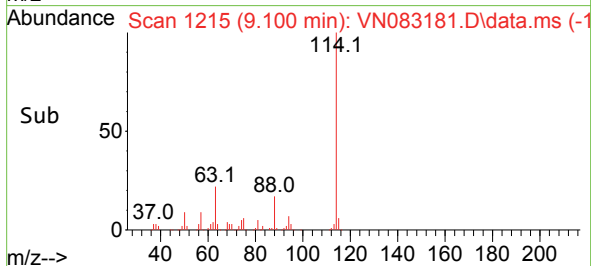
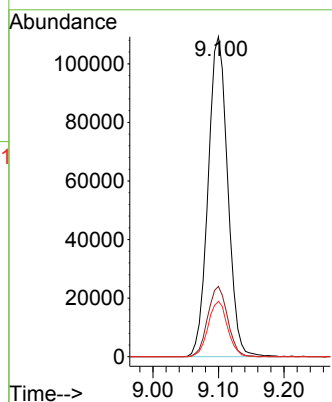
Tgt Ion:114 Resp: 226542

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 17.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.534 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

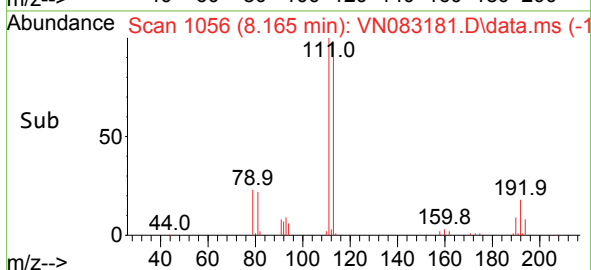
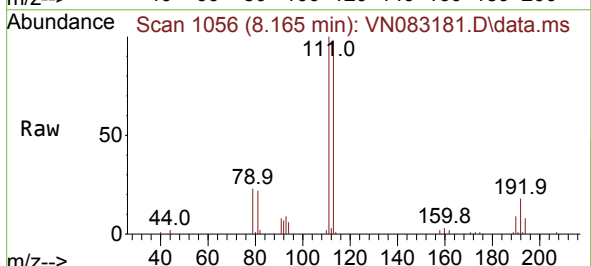
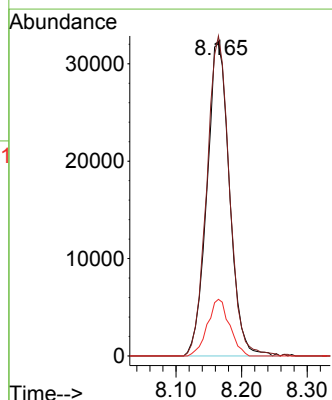
Tgt Ion:113 Resp: 77112

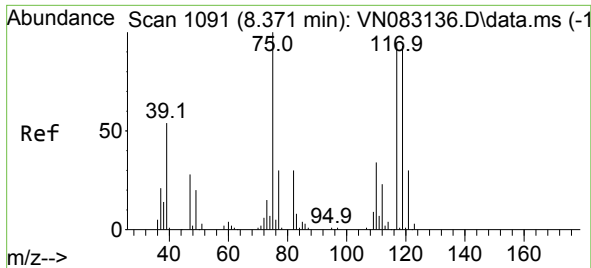
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 17.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.020 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

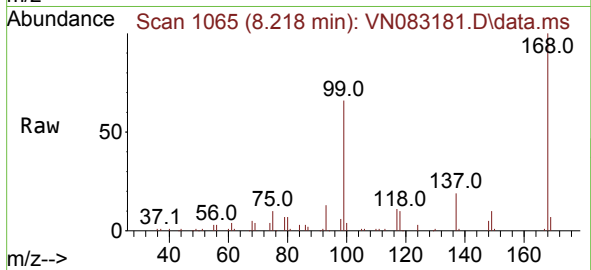
Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :



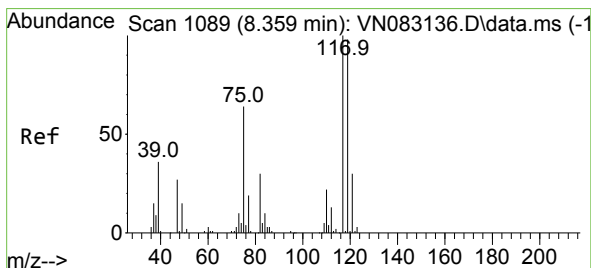
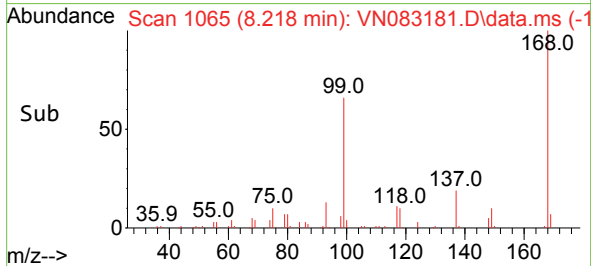
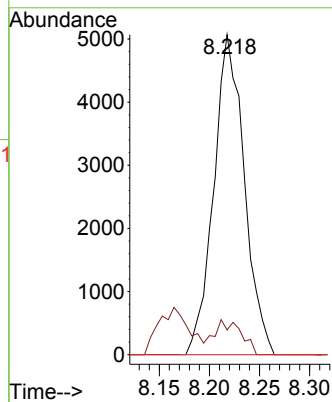
Tgt Ion: 75 Resp: 10738

Ion Ratio Lower Upper

75 100

110 9.6 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.525 ug/l

RT: 8.223 min Scan# 1066

Delta R.T. -0.136 min

Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

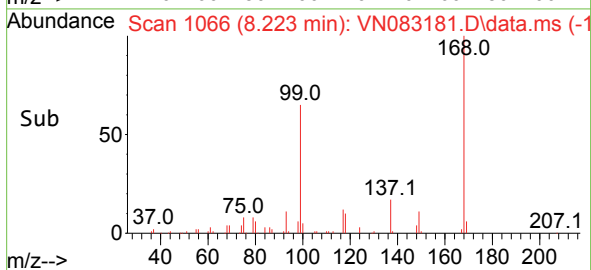
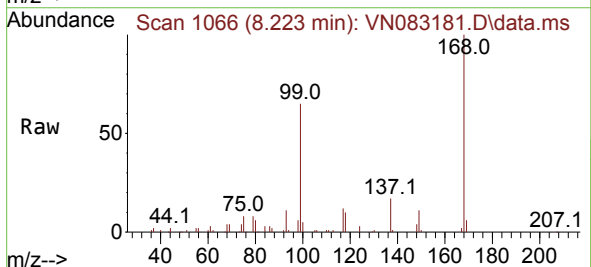
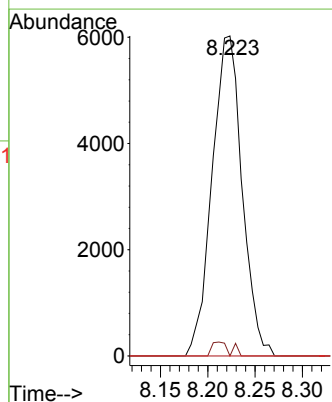
Tgt Ion: 117 Resp: 13312

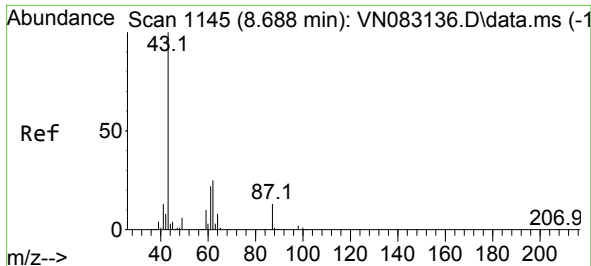
Ion Ratio Lower Upper

117 100

119 0.0 74.9 112.3#

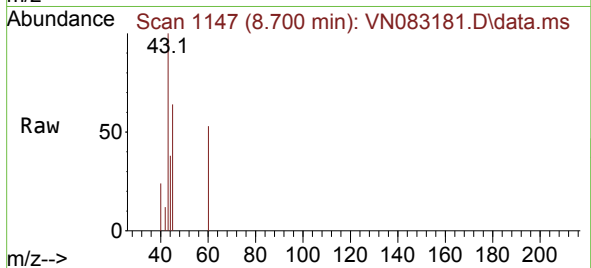
121 0.0 24.3 36.5#



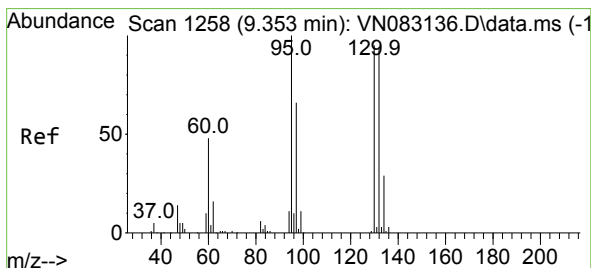
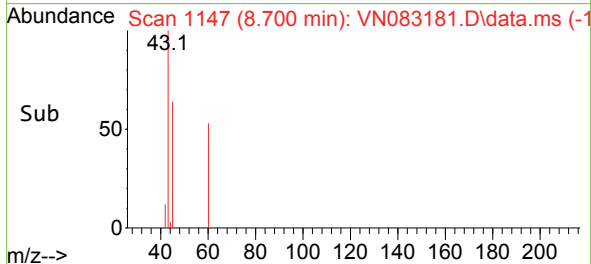
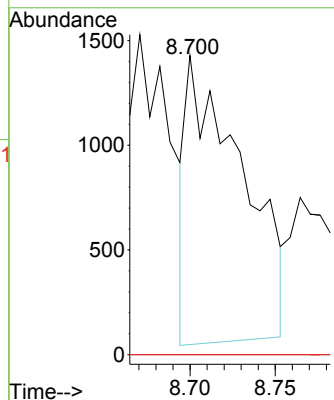


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

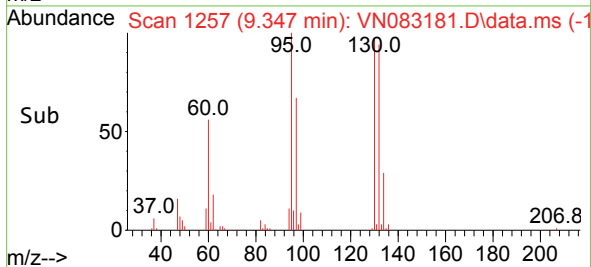
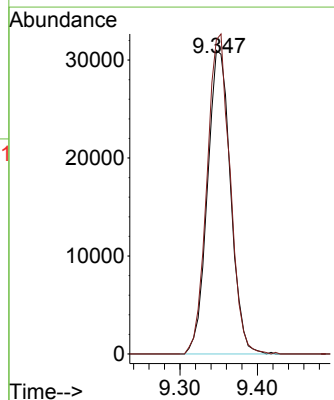
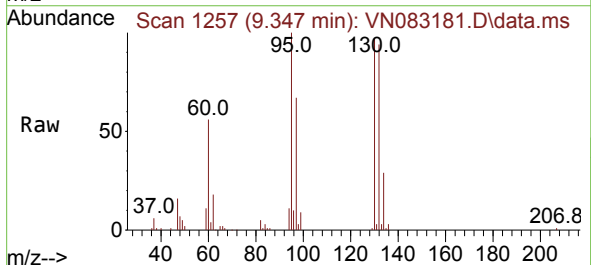


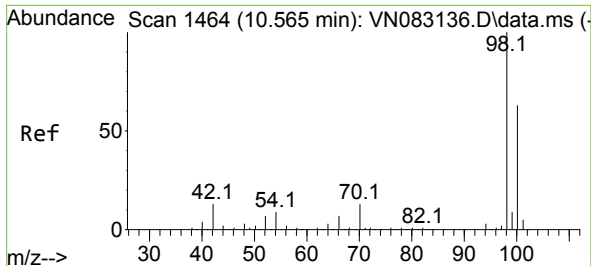
Tgt Ion: 43 Resp: 3092
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 42.387 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

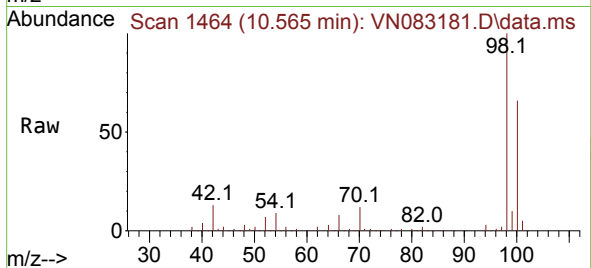
Tgt Ion:130 Resp: 64289
Ion Ratio Lower Upper
130 100
95 103.4 0.0 197.8



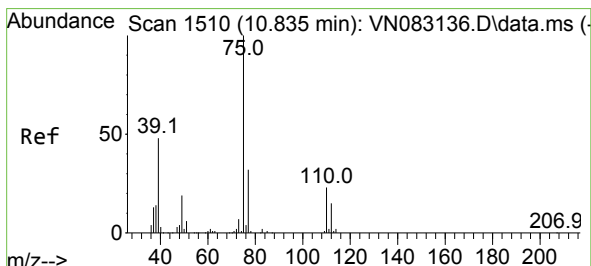
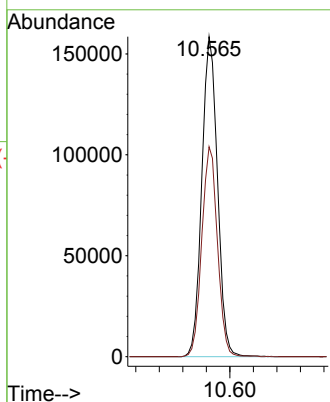
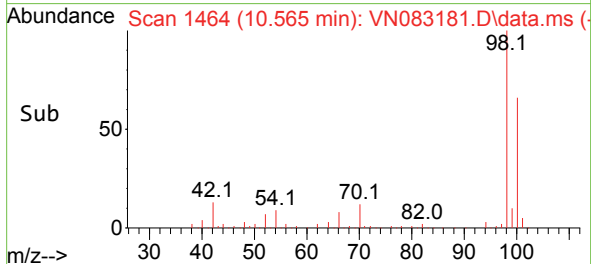


#50
Toluene-d8
Concen: 55.459 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

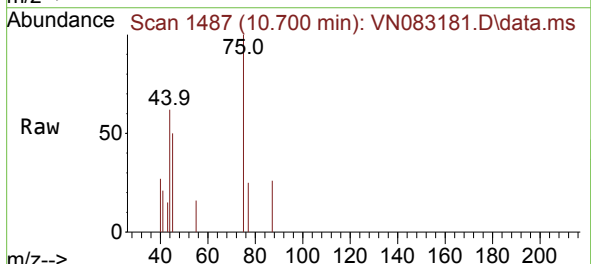
Instrument :
MSVOA_N
ClientSampleId :



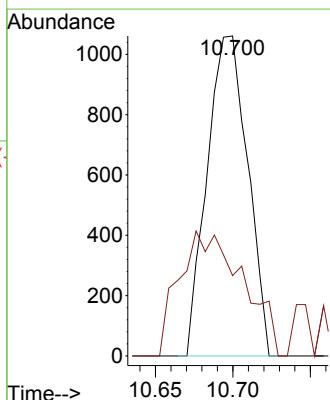
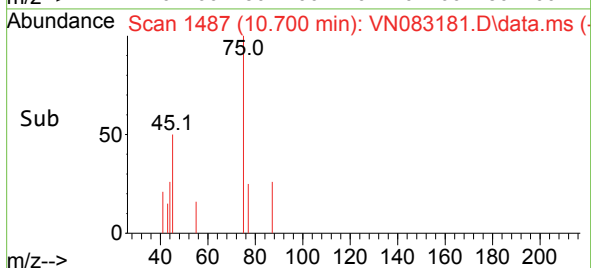
Tgt Ion: 98 Resp: 292525
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3

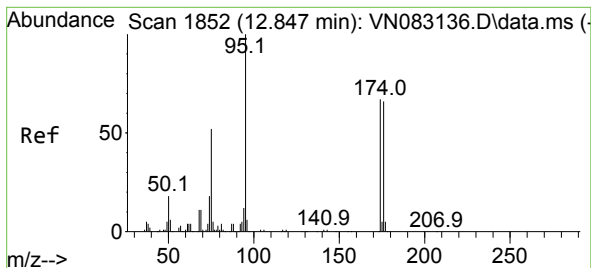


#53
t-1,3-Dichloropropene
Concen: 0.771 ug/l
RT: 10.700 min Scan# 1487
Delta R.T. -0.136 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47



Tgt Ion: 75 Resp: 1926
Ion Ratio Lower Upper
75 100
77 25.1 25.7 38.5#

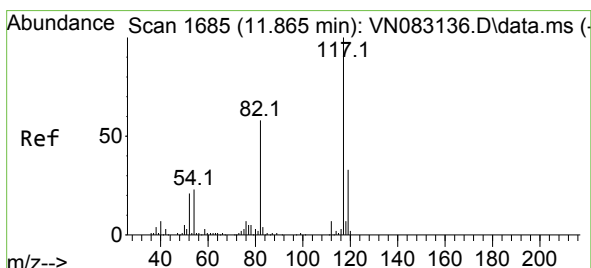
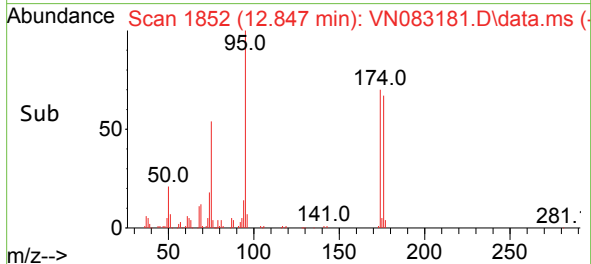
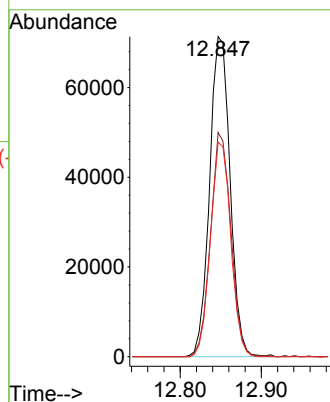
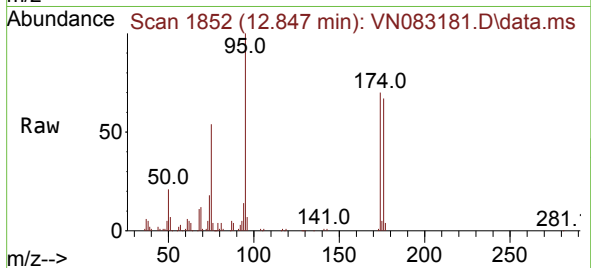




#62
4-Bromofluorobenzene
Concen: 60.843 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

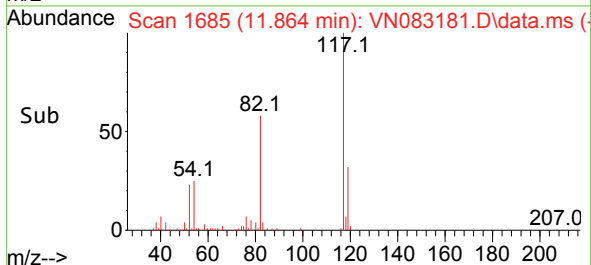
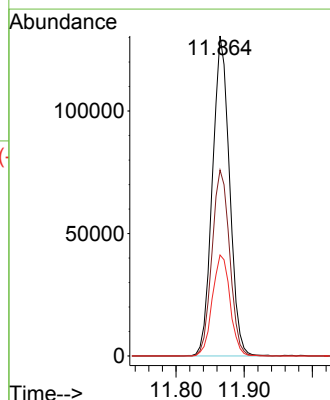
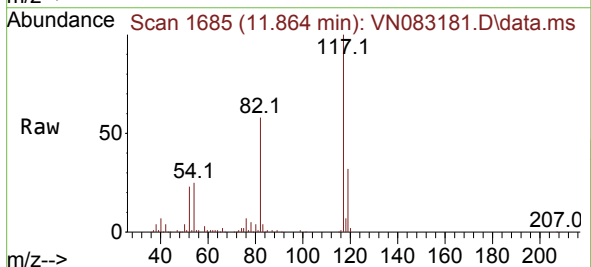
Instrument :
MSVOA_N
ClientSampleId :

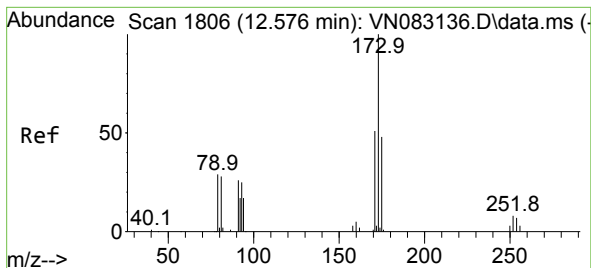
Tgt Ion: 95 Resp: 125116
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 66.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

Tgt Ion: 117 Resp: 228581
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 31.6 25.6 38.4





#71

Bromoform

Concen: 0.401 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.270 min

Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

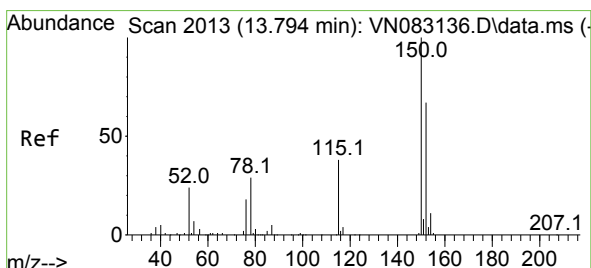
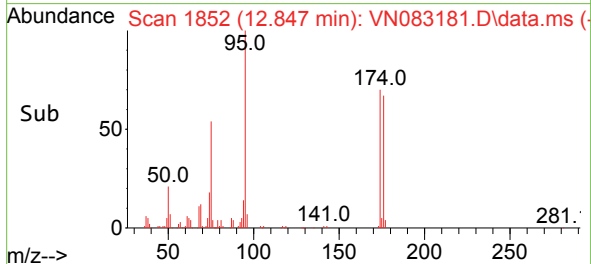
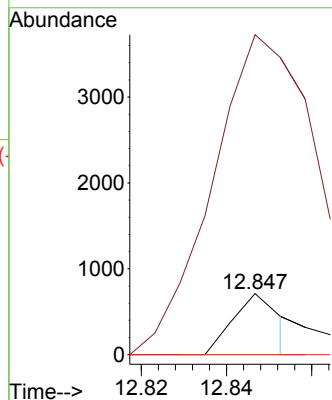
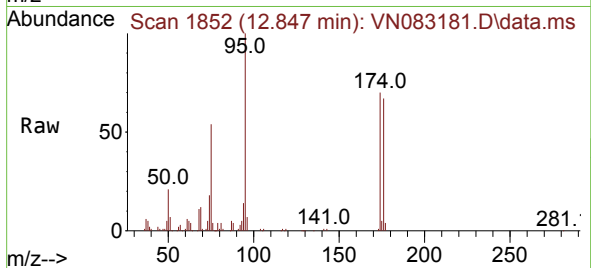
Tgt Ion:173 Resp: 541

Ion Ratio Lower Upper

173 100

175 834.2 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: VN083181.D

Acq: 09 Aug 2024 14:47

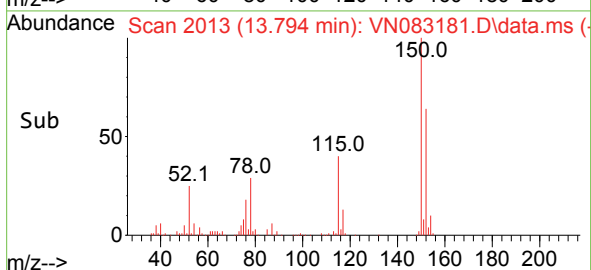
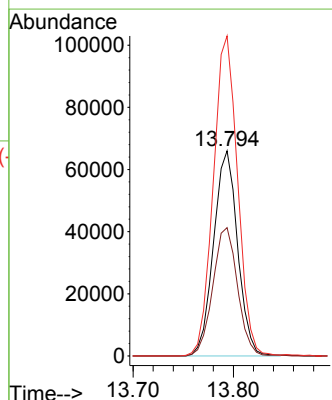
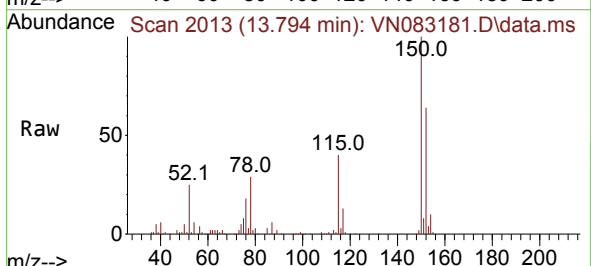
Tgt Ion:152 Resp: 109623

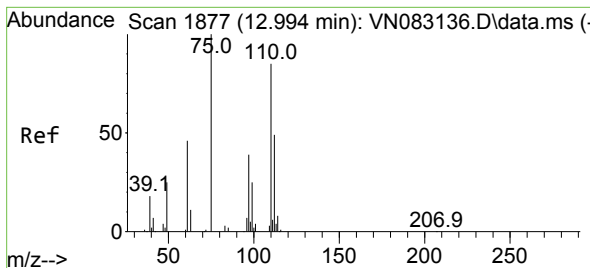
Ion Ratio Lower Upper

152 100

115 64.4 30.6 91.6

150 157.6 0.0 348.6

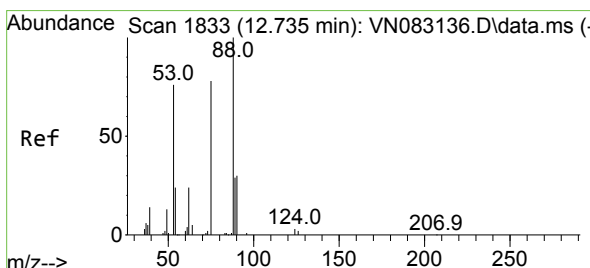
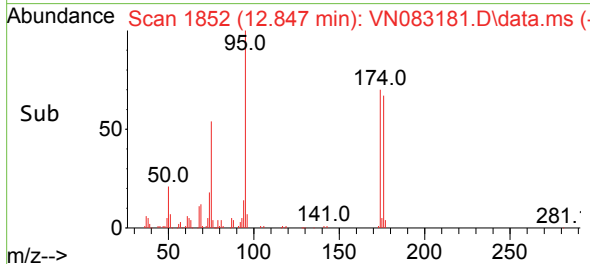
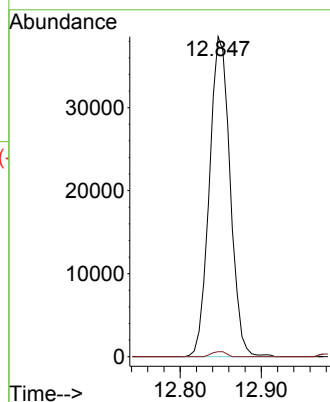
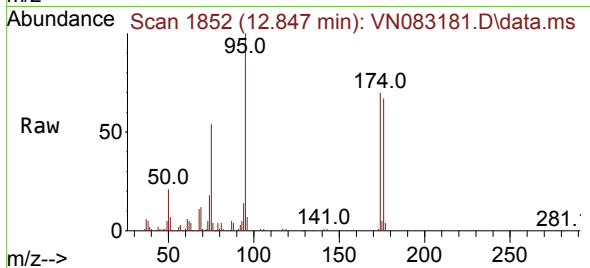




#76
1,2,3-Trichloropropane
Concen: 28.424 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

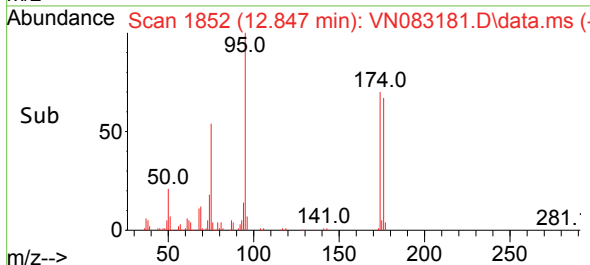
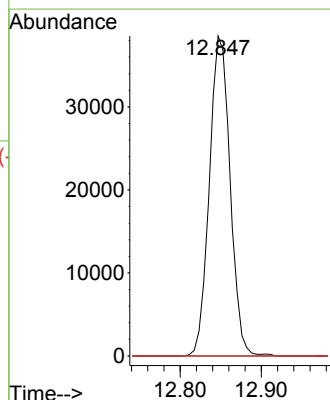
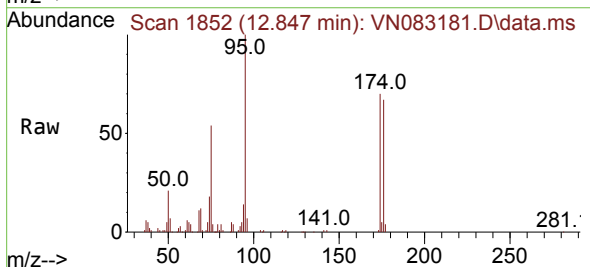
Instrument :
MSVOA_N
ClientSampleId :

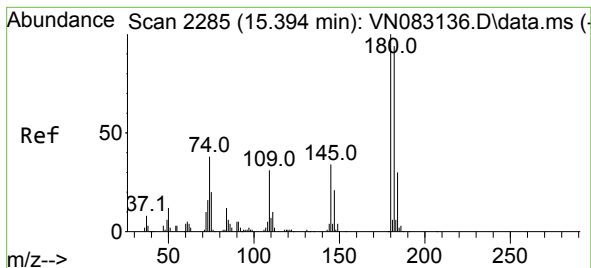
Tgt Ion: 75 Resp: 68386
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.828 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083181.D
Acq: 09 Aug 2024 14:47

Tgt Ion: 75 Resp: 68386
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.368 ug/l

RT: 15.399 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

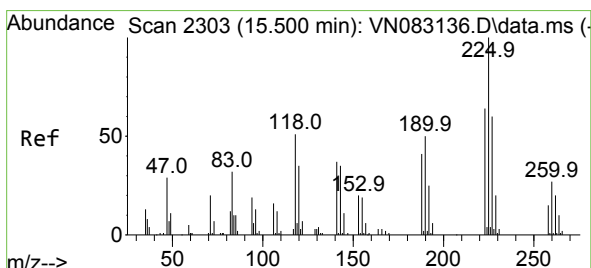
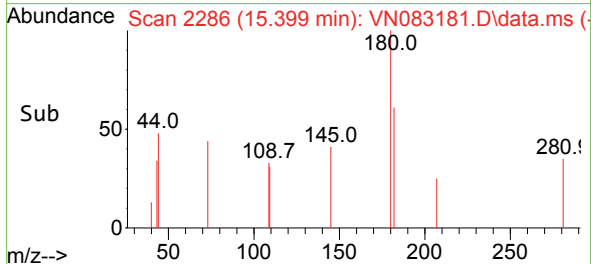
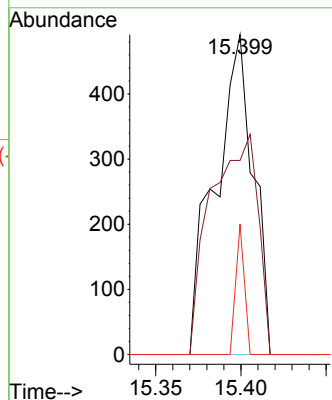
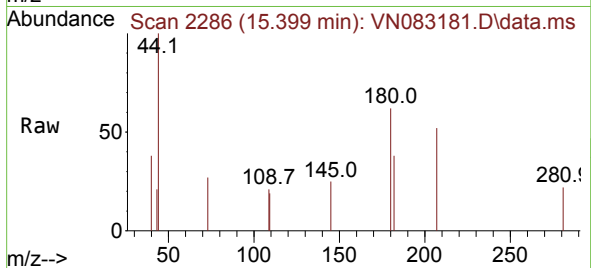
Tgt Ion:180 Resp: 765

Ion Ratio Lower Upper

180 100

182 84.2 47.3 141.8

145 9.3 15.7 47.1#



#94

Hexachlorobutadiene

Concen: 0.280 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.012 min

Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

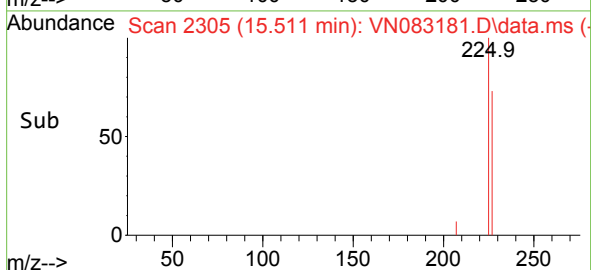
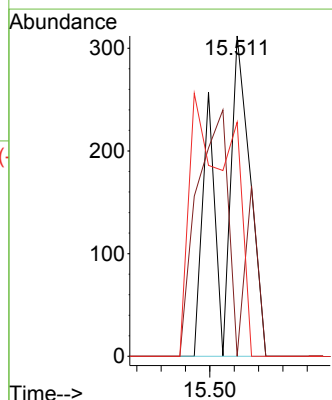
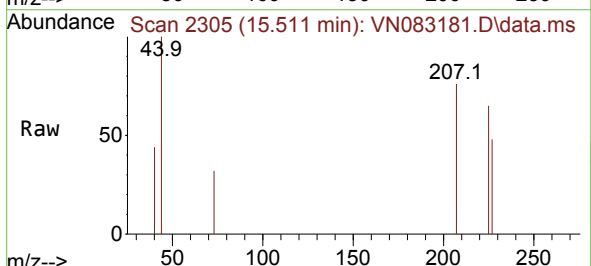
Tgt Ion:225 Resp: 259

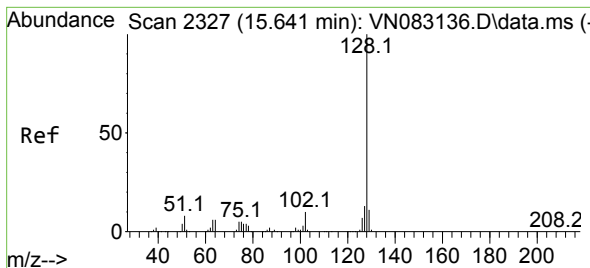
Ion Ratio Lower Upper

225 100

223 104.2 31.9 95.7#

227 115.8 32.5 97.5#





#95

Naphthalene

Concen: 0.380 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

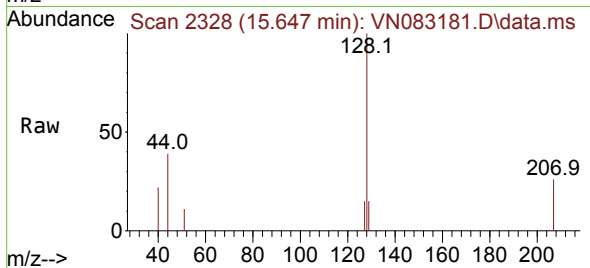
Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

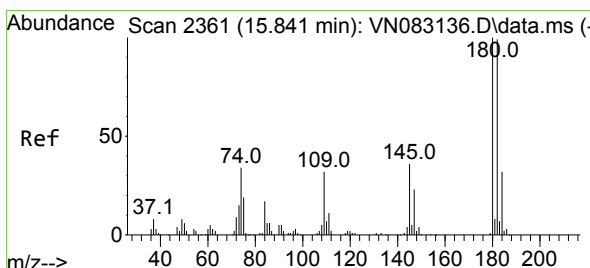
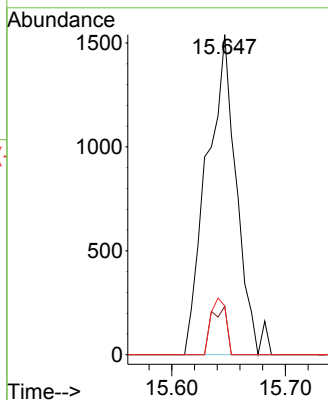
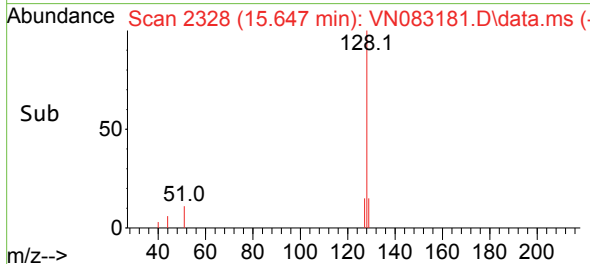
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128	Resp:	2796
Ion	Ratio	Lower Upper
128	100	
127	7.9	10.6 16.0#
129	9.0	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.358 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083181.D

Acq: 09 Aug 2024 14:47

Tgt Ion:180	Resp:	735
Ion	Ratio	Lower Upper
180	100	
182	126.4	48.9 146.8
145	7.9	16.8 50.4#

