

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083145.D
 Acq On : 08 Aug 2024 10:47
 Operator : JC\MD
 Sample : VN0808MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 08 13:32:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

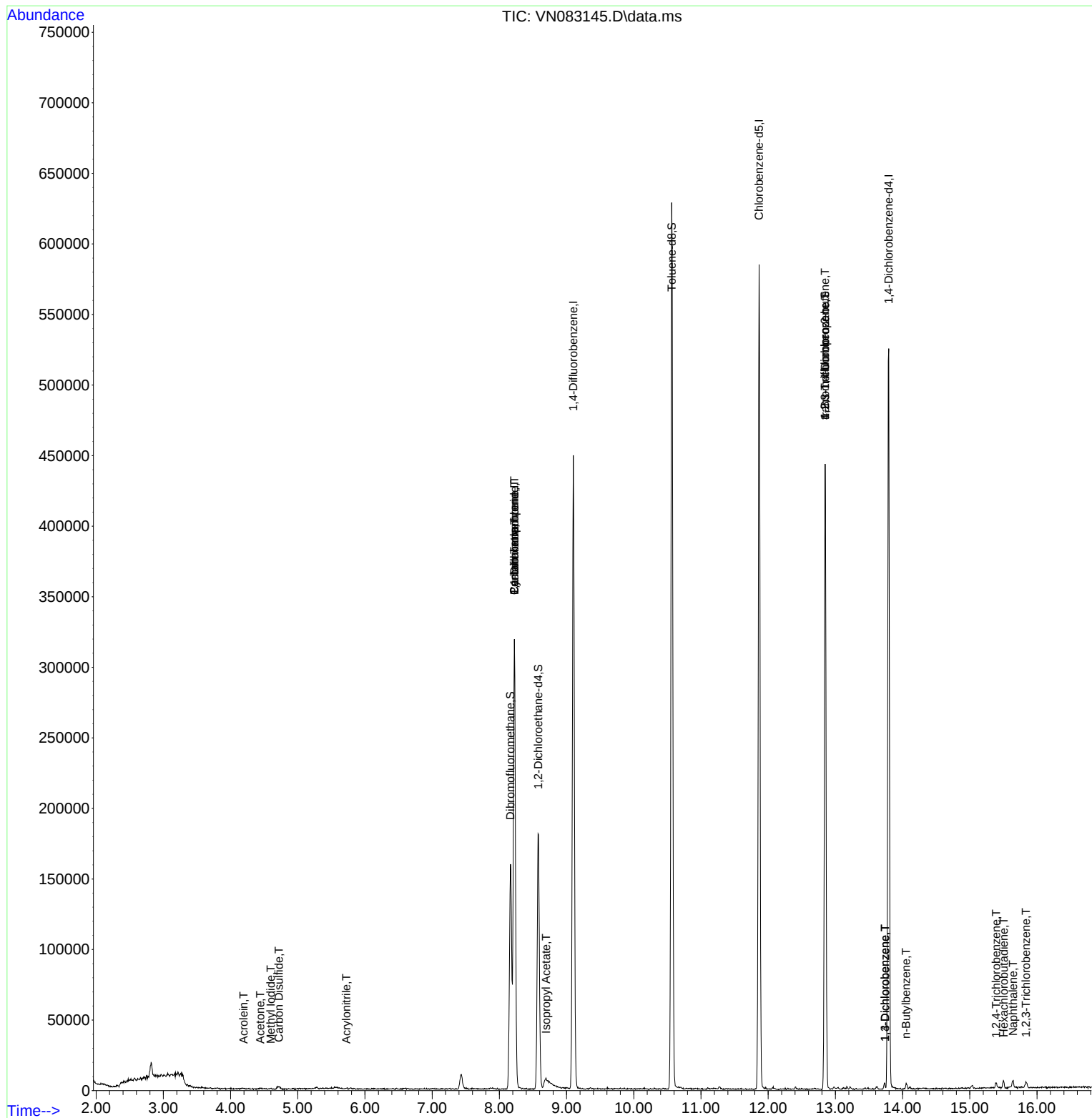
Internal Standards						
1) Pentafluorobenzene	8.224	168	221453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	380001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156231	49.564	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	8.165	113	113749	47.957	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.920%		
50) Toluene-d8	10.565	98	430966	48.709	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.847	95	160982	46.670	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.340%		
Target Compounds						Qvalue
10) Methyl Iodide	4.600	142	854	0.272	ug/l #	38
13) Acrolein	4.194	56	329	0.771	ug/l #	79
15) Acrylonitrile	5.724	53	306	0.227	ug/l #	31
16) Acetone	4.442	43	281	0.228	ug/l #	48
17) Carbon Disulfide	4.718	76	4279	0.596	ug/l	97
31) Cyclohexane	8.224	56	5377	1.151	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	18378	5.122	ug/l #	51
38) Carbon Tetrachloride	8.224	117	25052	6.199	ug/l #	17
43) Isopropyl Acetate	8.694	43	13118	0.285	ug/l #	60
76) 1,2,3-Trichloropropane	12.847	75	85787	27.847	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85787	60.574	ug/l #	6
87) 1,3-Dichlorobenzene	13.741	146	1032	0.210	ug/l	93
88) 1,4-Dichlorobenzene	13.741	146	1032	0.209	ug/l	93
89) n-Butylbenzene	14.053	91	2591	0.305	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	1934	0.727	ug/l	87
94) Hexachlorobutadiene	15.506	225	1142	0.965	ug/l	94
95) Naphthalene	15.647	128	7139	0.758	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.835	180	1954	0.742	ug/l	89

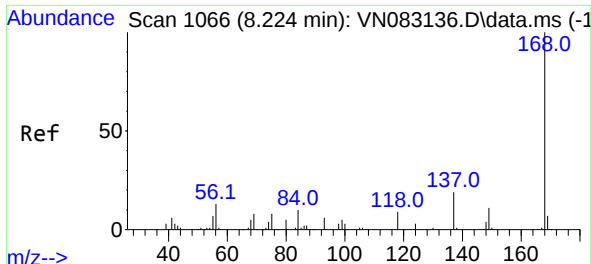
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

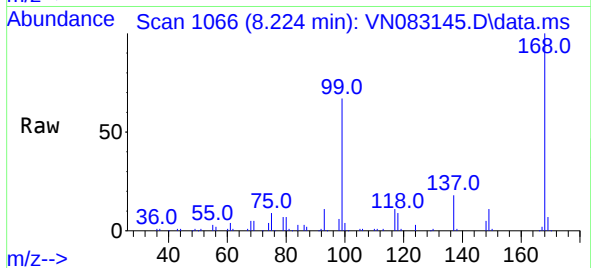
Quant Time: Aug 08 13:32:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



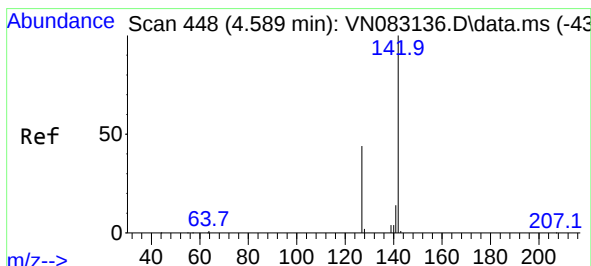
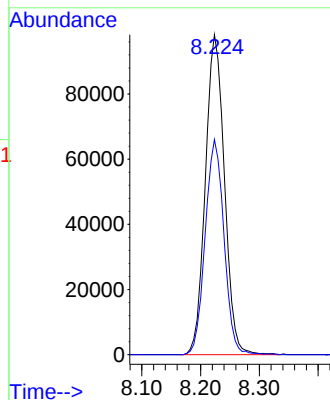
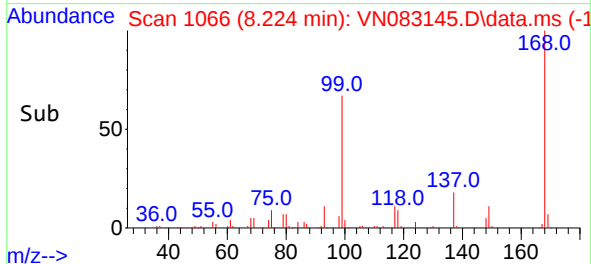


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

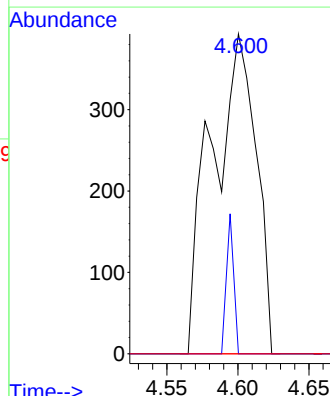
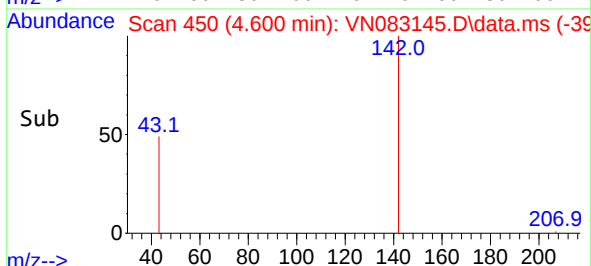
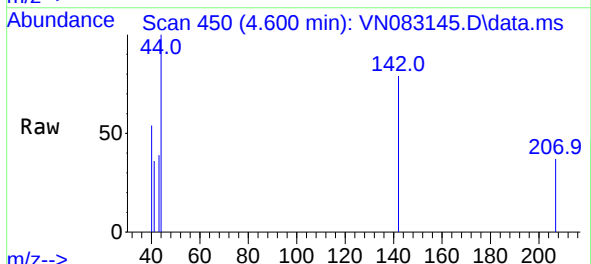


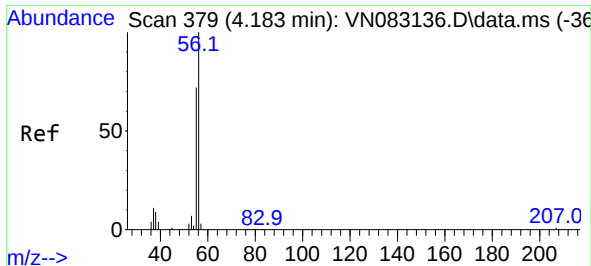
Tgt Ion:168 Resp: 221453
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#10
Methyl Iodide
Concen: 0.272 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

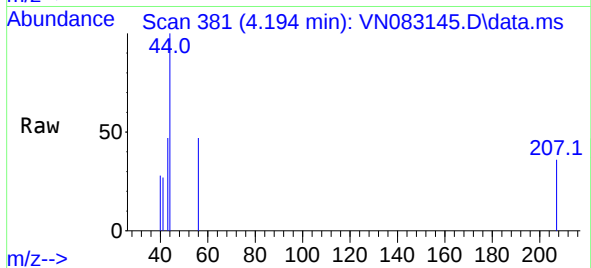
Tgt Ion:142 Resp: 854
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#



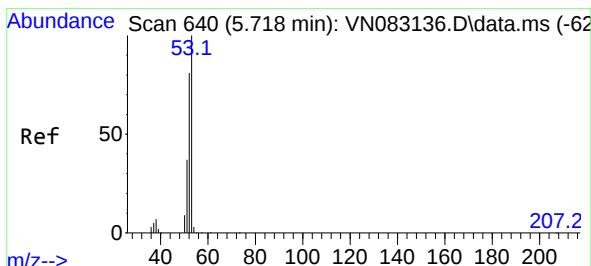
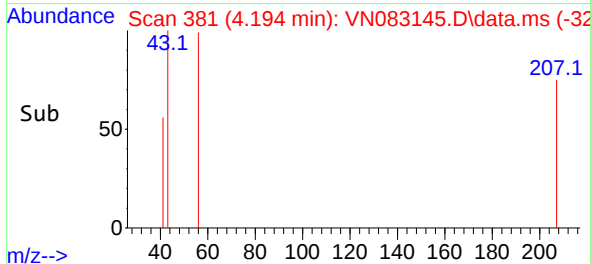
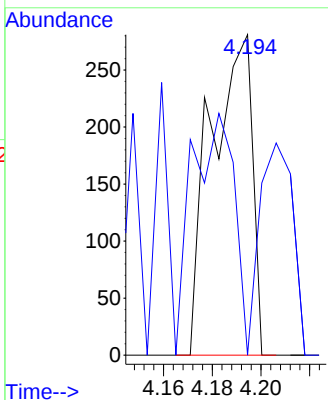


#13
Acrolein
Concen: 0.771 ug/l
RT: 4.194 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

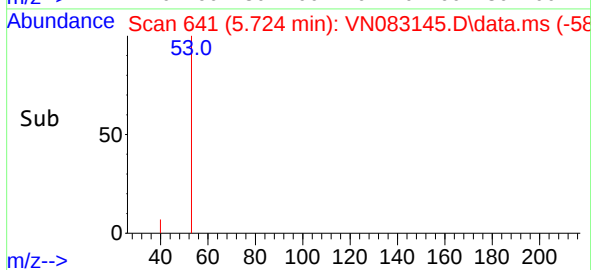
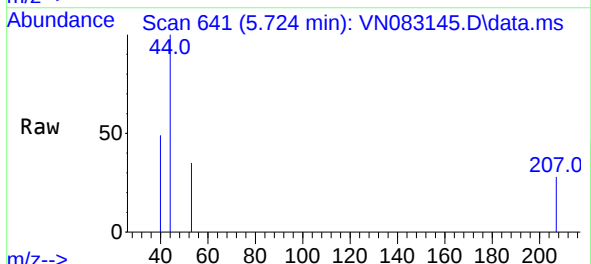
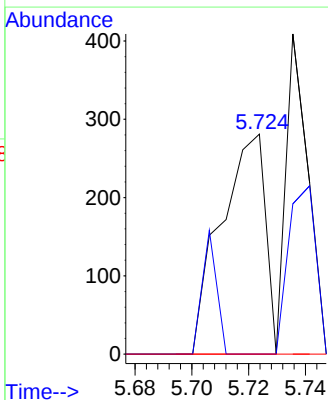


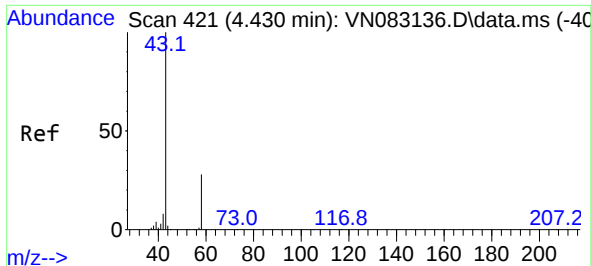
Tgt Ion: 56 Resp: 329
Ion Ratio Lower Upper
56 100
55 53.2 56.4 84.6#



#15
Acrylonitrile
Concen: 0.227 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 53 Resp: 306
Ion Ratio Lower Upper
53 100
52 18.3 66.6 100.0#
51 0.0 30.1 45.1#

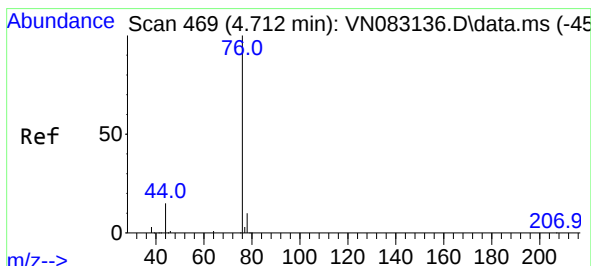
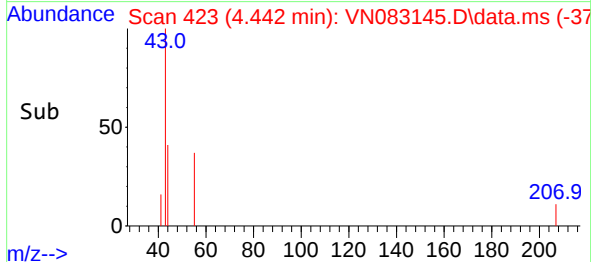
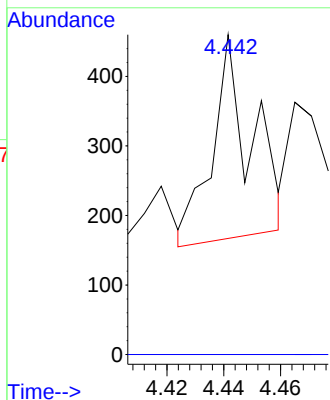
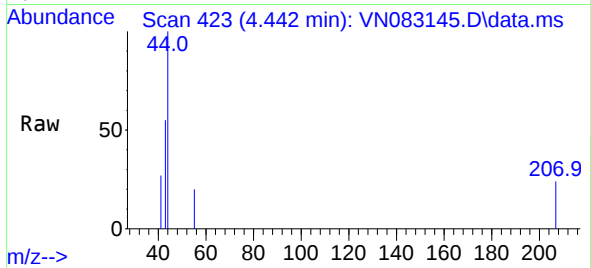




#16
Acetone
Concen: 0.228 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

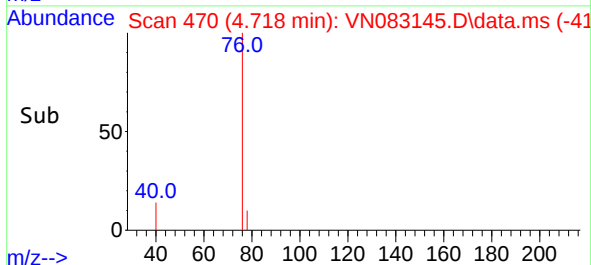
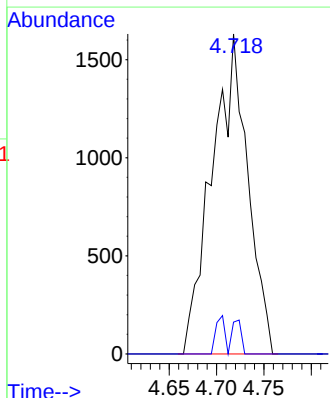
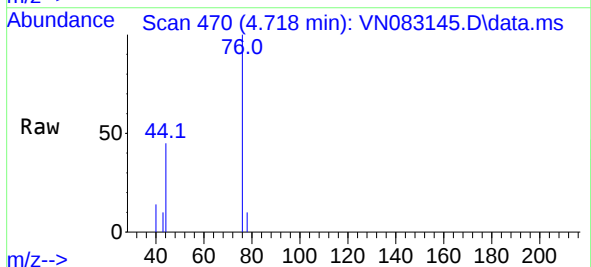
Instrument :
MSVOA_N
ClientSampleId :

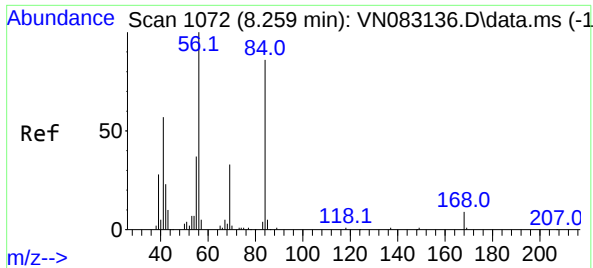
Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.596 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

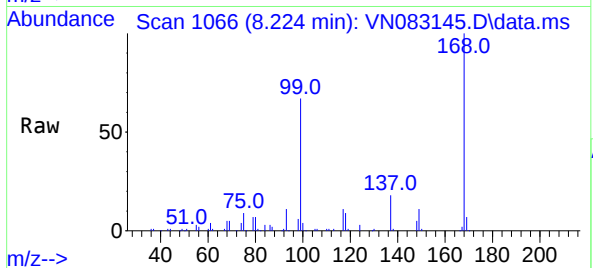
Tgt Ion: 76 Resp: 4279
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



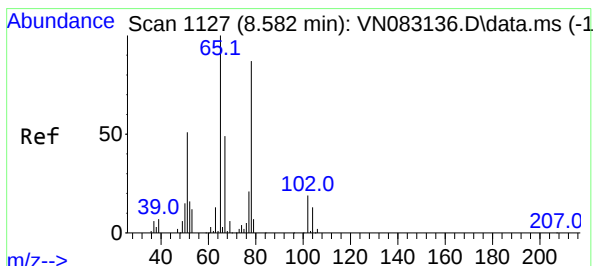
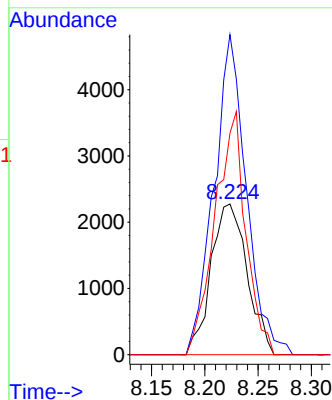
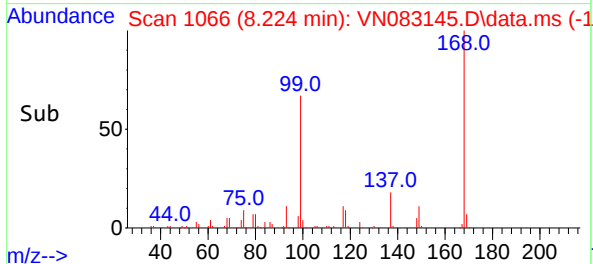


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

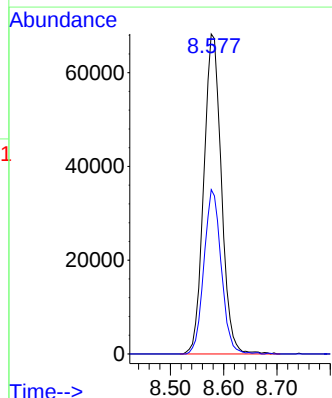
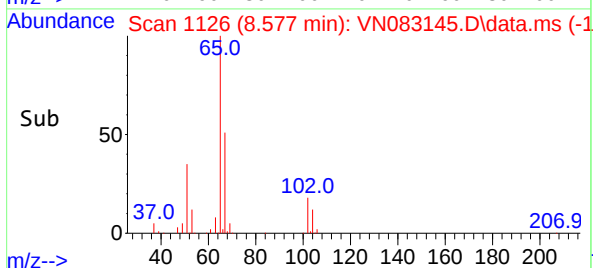
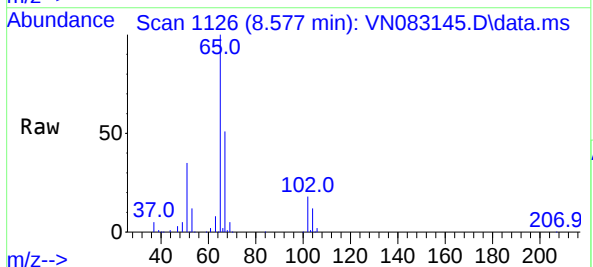


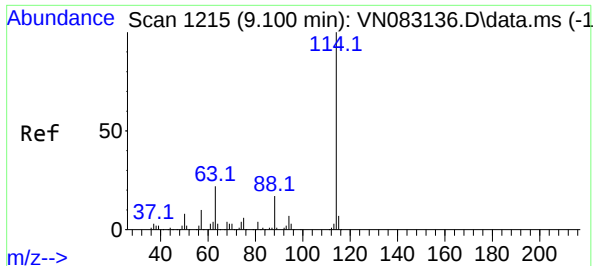
Tgt Ion: 56 Resp: 5377
Ion Ratio Lower Upper
56 100
69 212.3 24.5 36.7#
84 146.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 49.564 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 65 Resp: 156231
Ion Ratio Lower Upper
65 100
67 50.4 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: VN083145.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

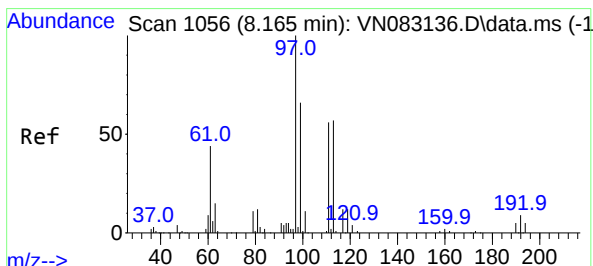
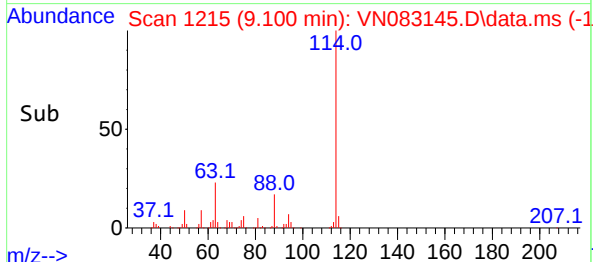
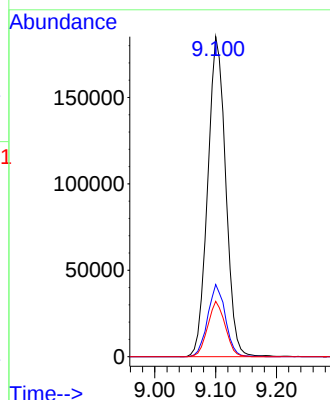
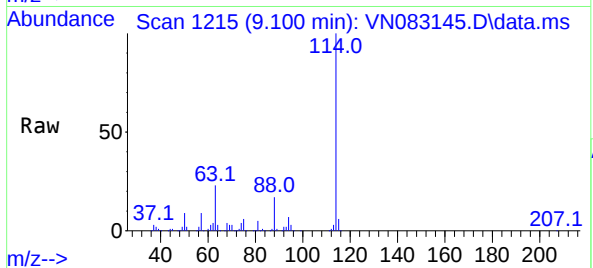
Tgt Ion:114 Resp: 380001

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 17.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.957 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083145.D

Acq: 08 Aug 2024 10:47

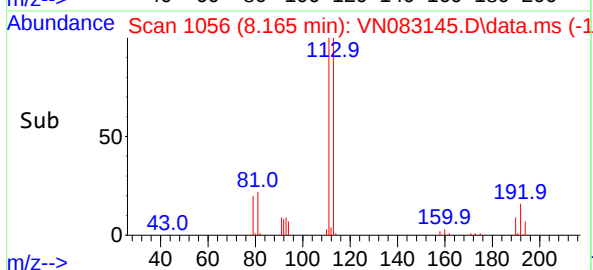
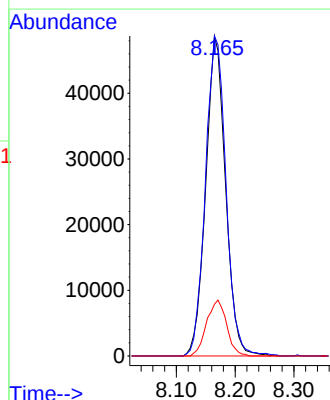
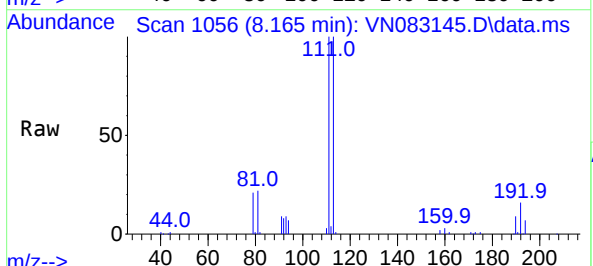
Tgt Ion:113 Resp: 113749

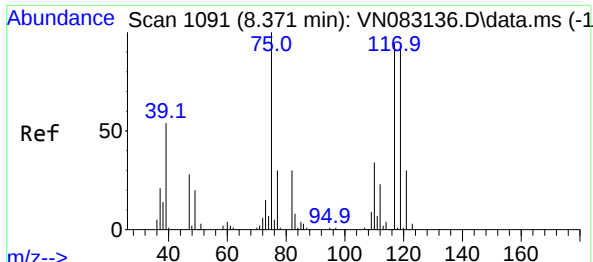
Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 17.7 14.9 22.3

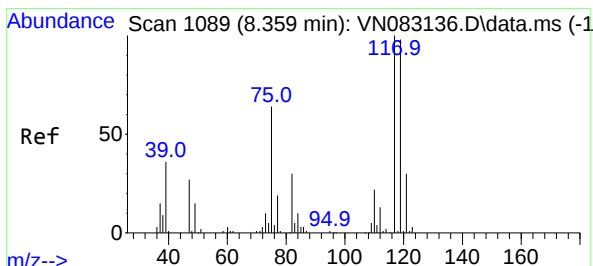
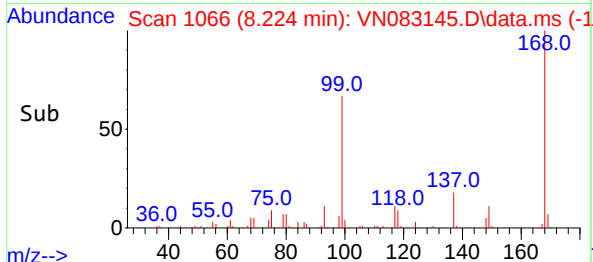
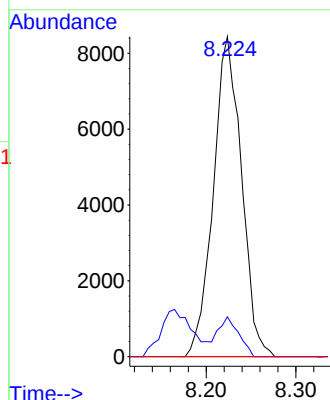
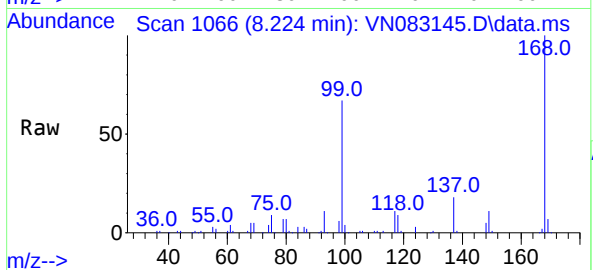




#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

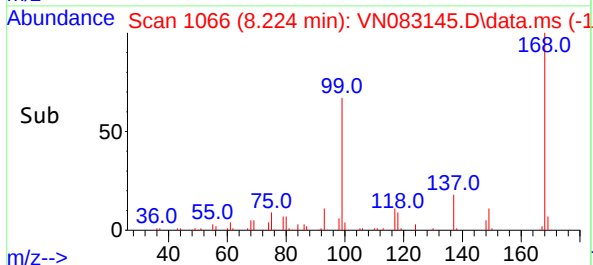
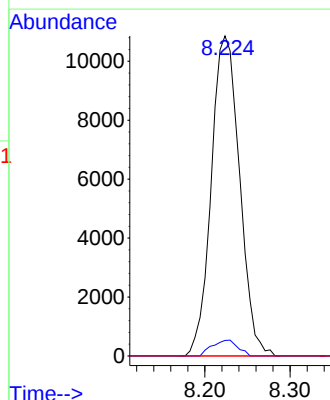
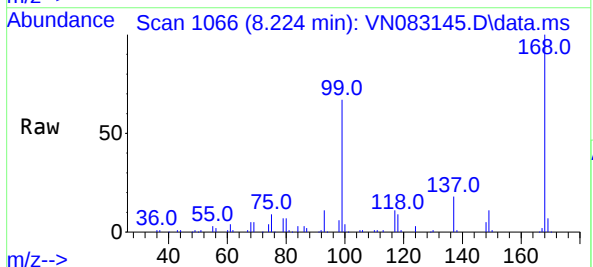
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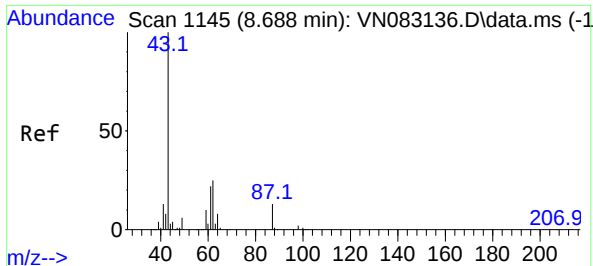
Tgt Ion: 75 Resp: 18378
Ion Ratio Lower Upper
75 100
110 9.0 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.199 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

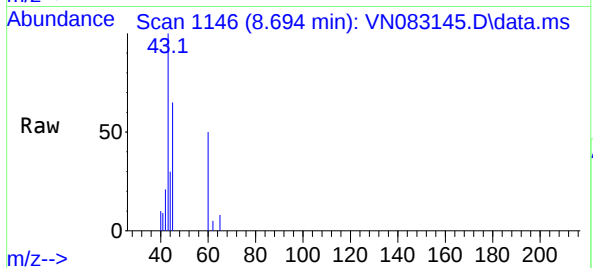
Tgt Ion: 117 Resp: 25052
Ion Ratio Lower Upper
117 100
119 4.8 74.9 112.3#
121 0.0 24.3 36.5#



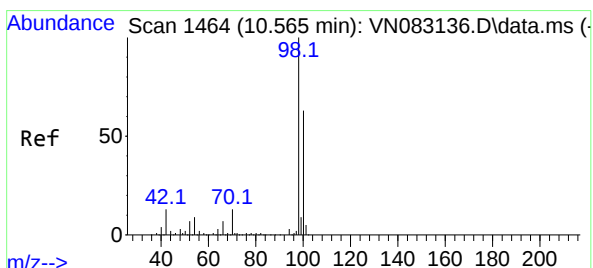
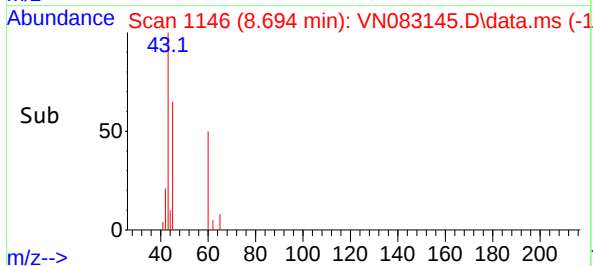
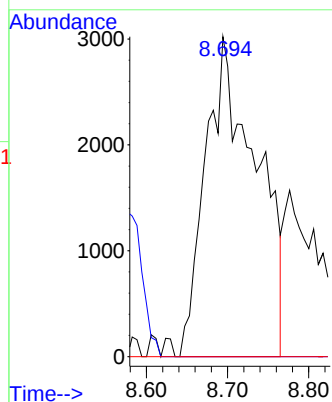


#43
Isopropyl Acetate
Concen: 0.285 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

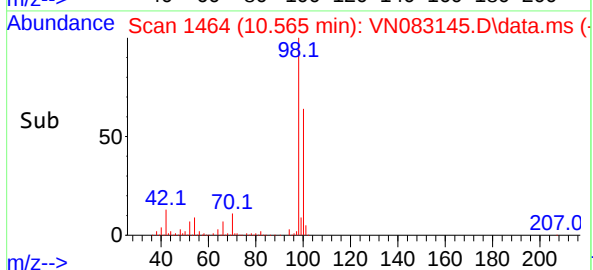
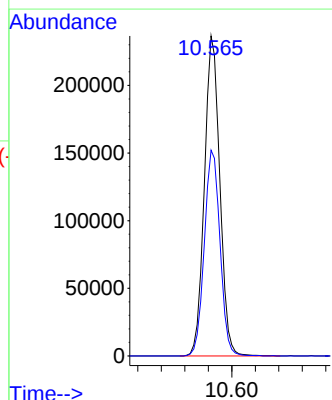
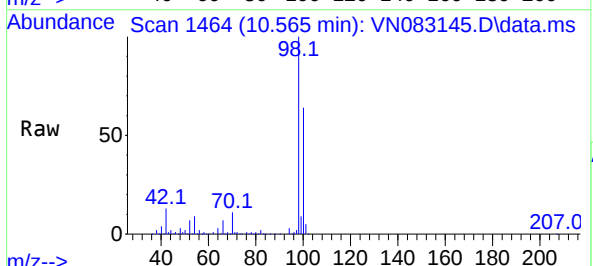


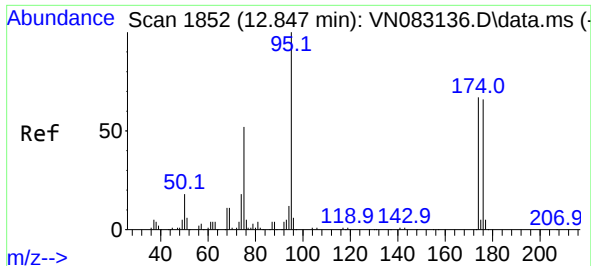
Tgt Ion: 43 Resp: 13118
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.709 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

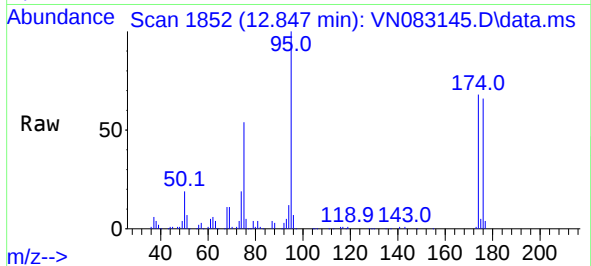
Tgt Ion: 98 Resp: 430966
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



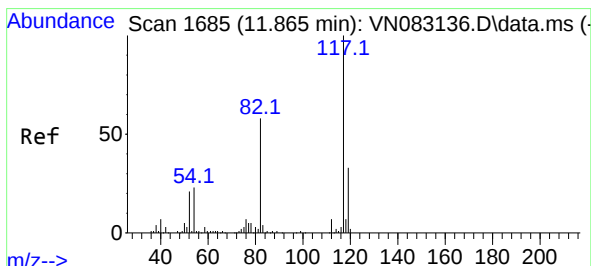
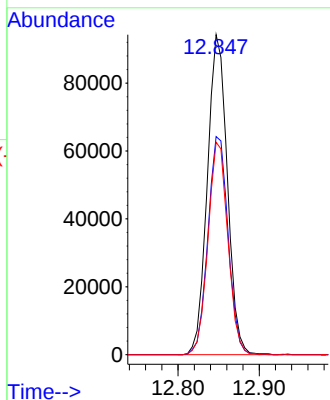
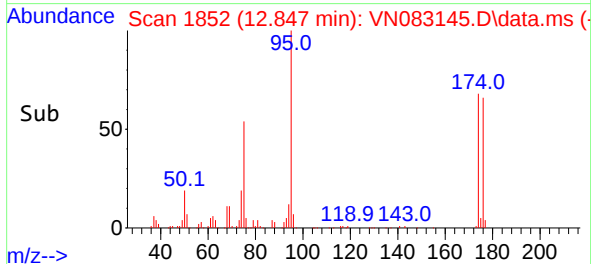


#62
4-Bromofluorobenzene
Concen: 46.670 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

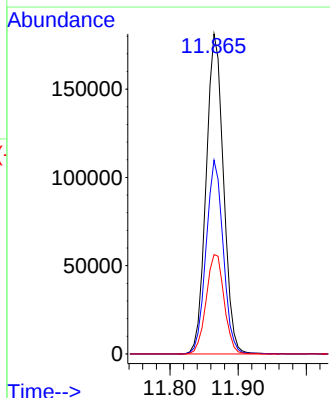
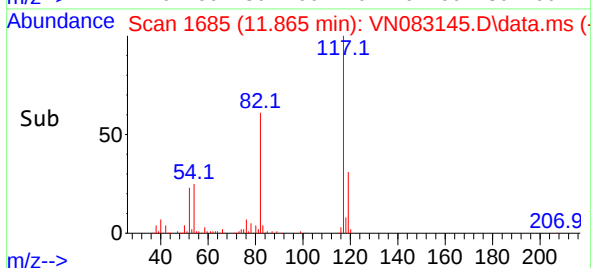
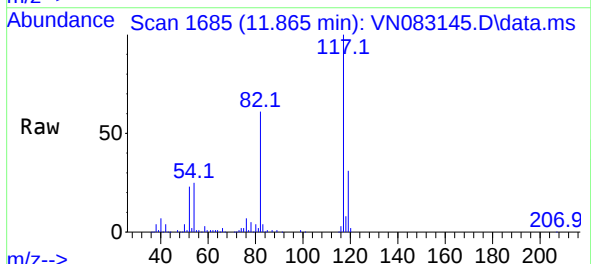


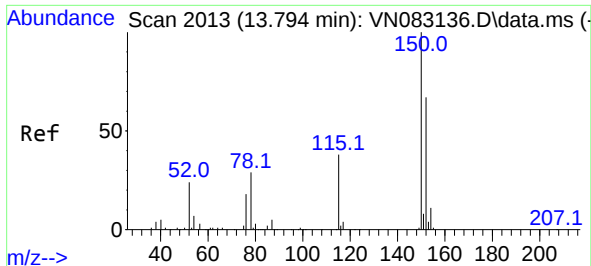
Tgt Ion: 95 Resp: 160982
Ion Ratio Lower Upper
95 100
174 69.1 0.0 159.2
176 65.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

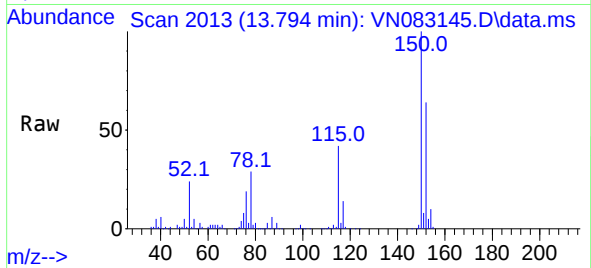
Tgt Ion: 117 Resp: 321510
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.1 25.6 38.4



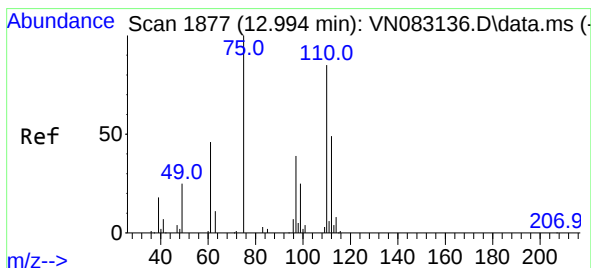
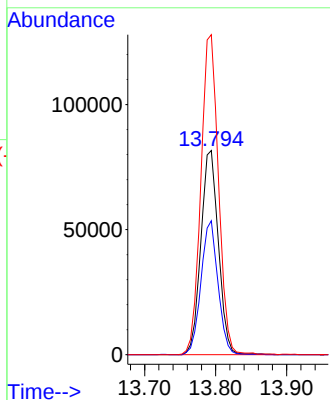
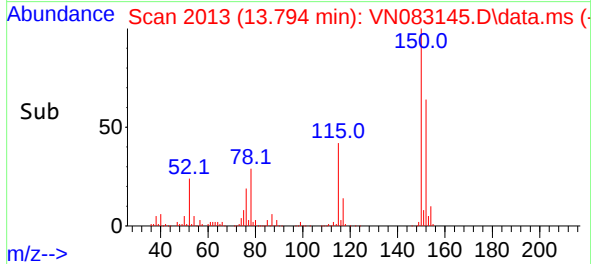


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

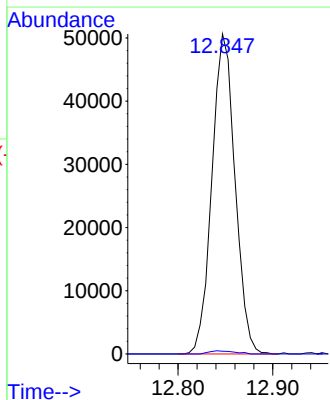
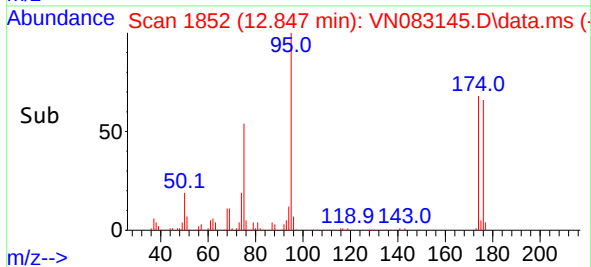
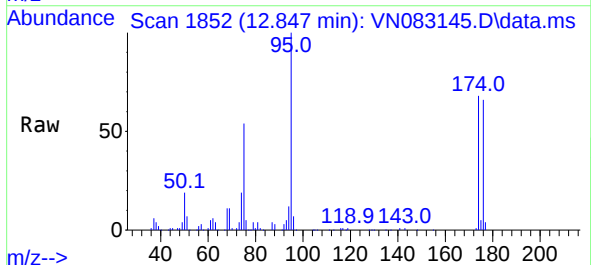


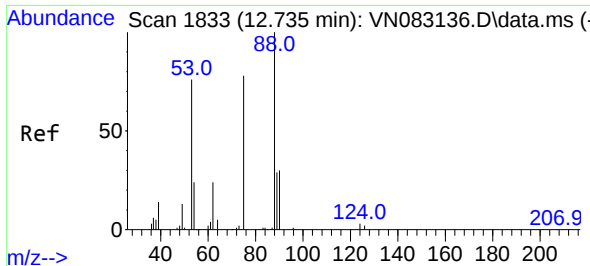
Tgt Ion:152 Resp: 140364
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 157.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.847 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

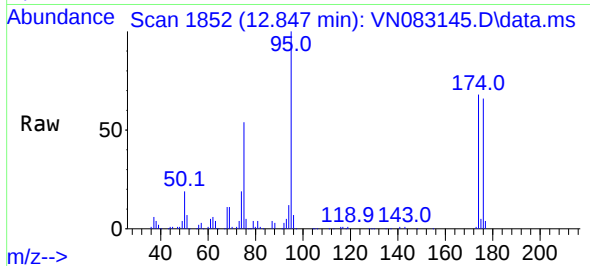
Tgt Ion: 75 Resp: 85787
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



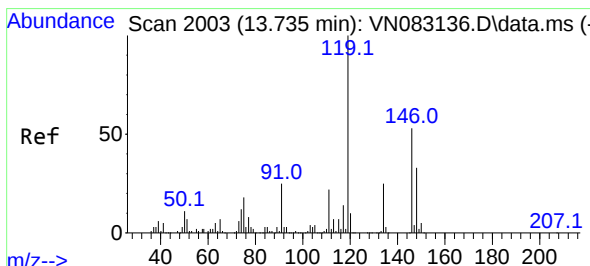
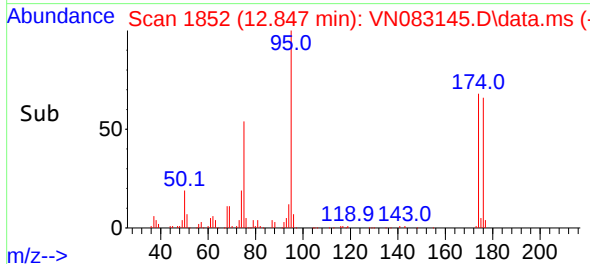
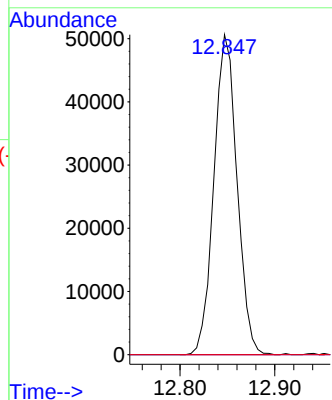


#81
trans-1,4-Dichloro-2-butene
Concen: 60.574 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

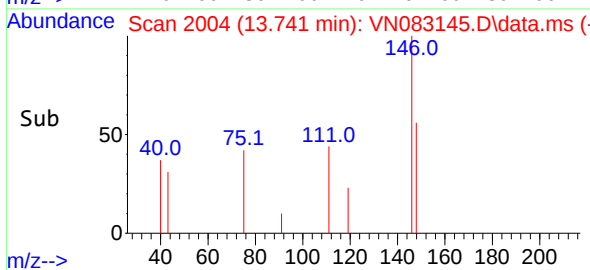
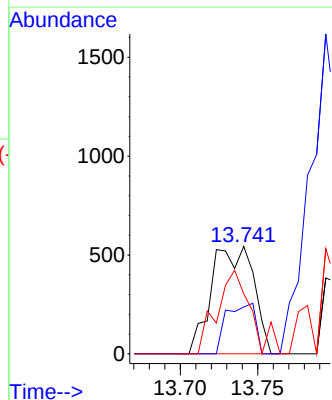
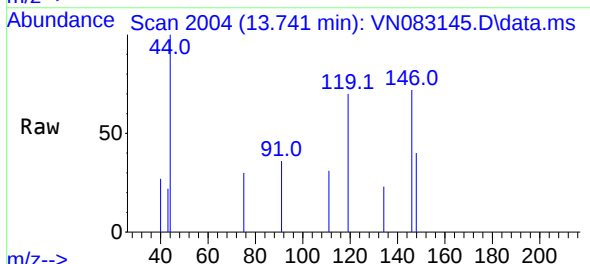


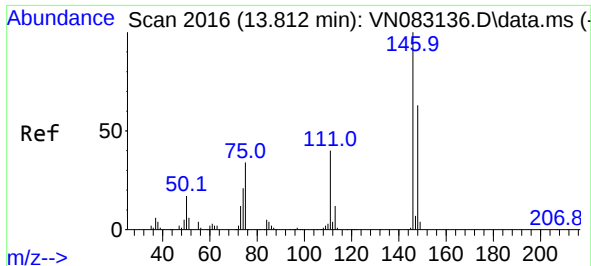
Tgt Ion: 75 Resp: 85787
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#87
1,3-Dichlorobenzene
Concen: 0.210 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

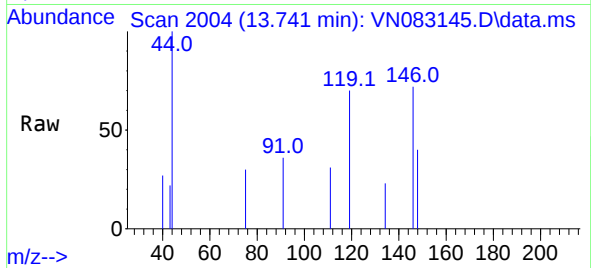
Tgt Ion:146 Resp: 1032
Ion Ratio Lower Upper
146 100
111 31.7 20.6 61.9
148 62.4 31.8 95.3



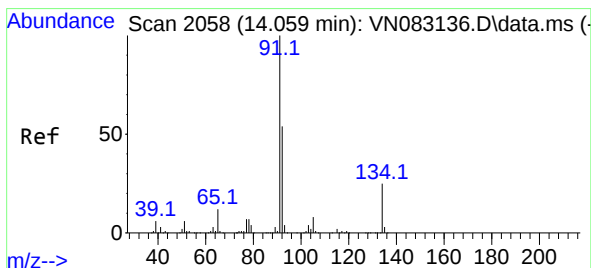
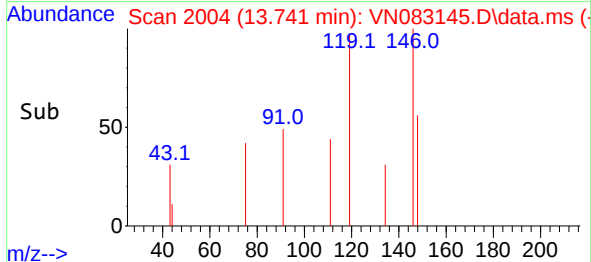
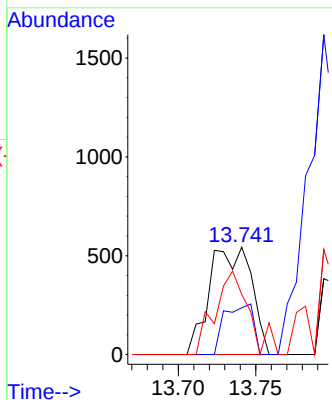


#88
1,4-Dichlorobenzene
Concen: 0.209 ug/l
RT: 13.741 min Scan# 2016
Delta R.T. -0.071 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

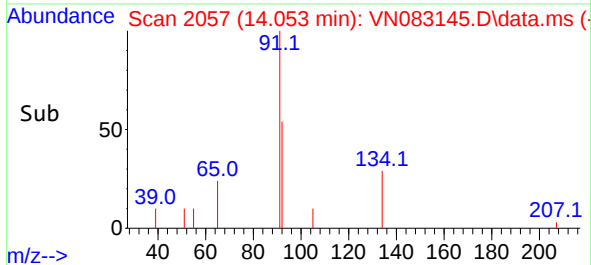
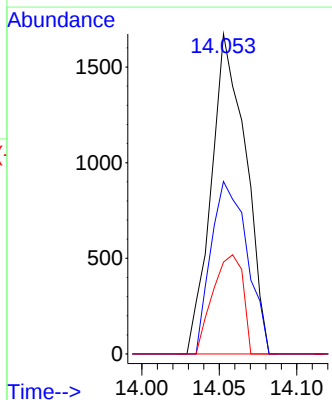
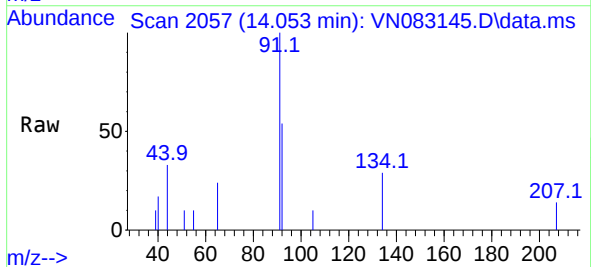


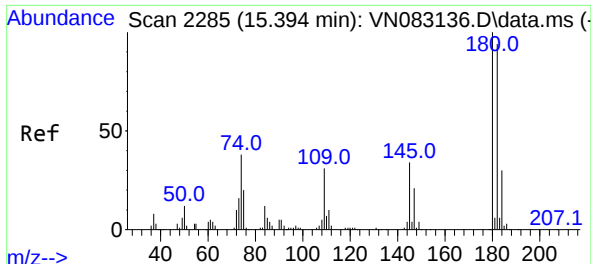
Tgt Ion:146 Resp: 1032
Ion Ratio Lower Upper
146 100
111 31.7 20.1 60.3
148 62.4 32.2 96.6



#89
n-Butylbenzene
Concen: 0.305 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

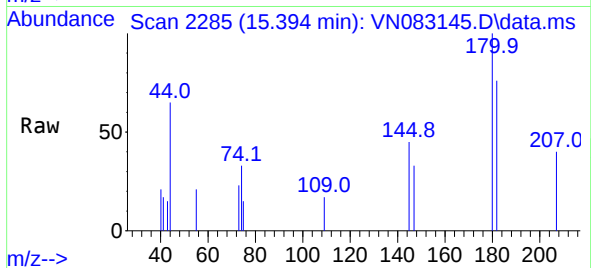
Tgt Ion: 91 Resp: 2591
Ion Ratio Lower Upper
91 100
92 56.4 26.1 78.3
134 26.9 12.1 36.3



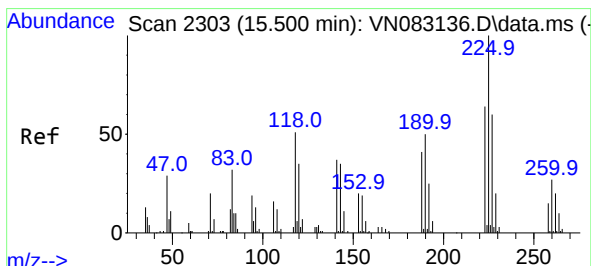
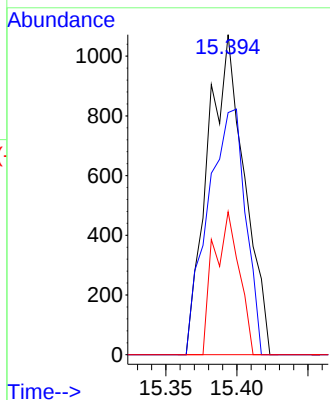
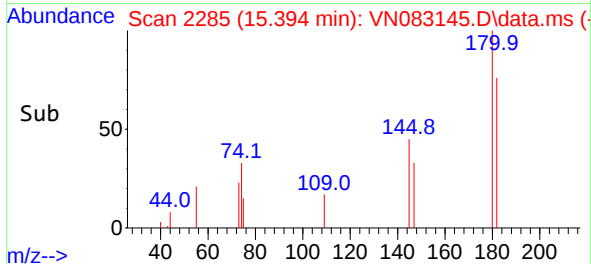


#93
1,2,4-Trichlorobenzene
Concen: 0.727 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

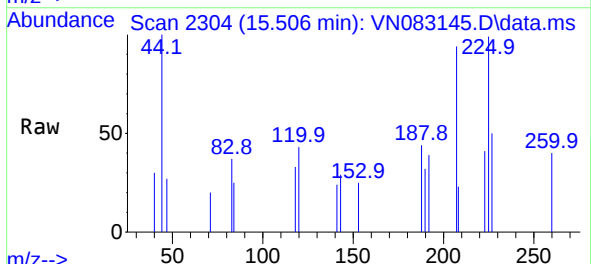
Instrument :
MSVOA_N
ClientSampleId :



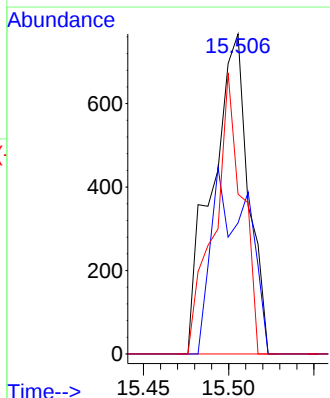
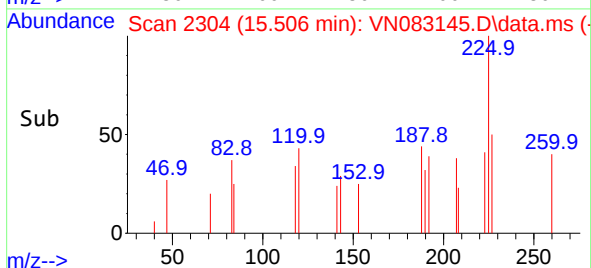
Tgt Ion:180 Resp: 1934
Ion Ratio Lower Upper
180 100
182 78.6 47.3 141.8
145 30.8 15.7 47.1

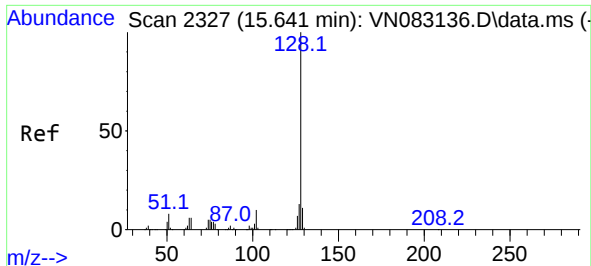


#94
Hexachlorobutadiene
Concen: 0.965 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47



Tgt Ion:225 Resp: 1142
Ion Ratio Lower Upper
225 100
223 57.2 31.9 95.7
227 67.3 32.5 97.5

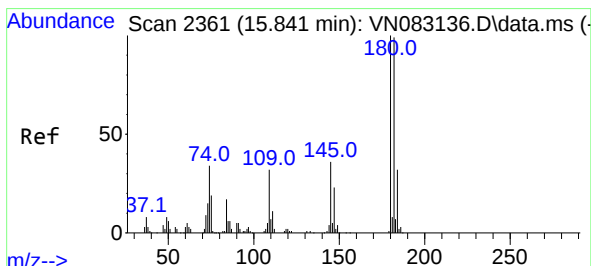
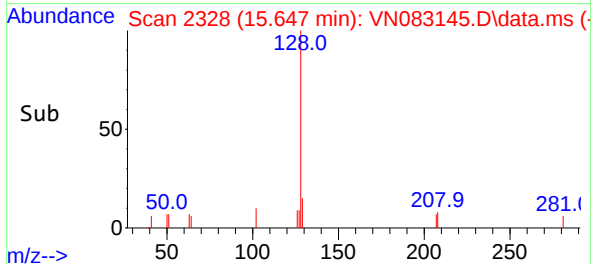
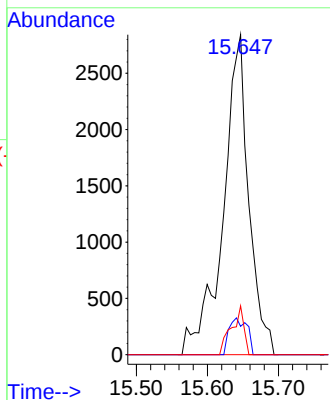
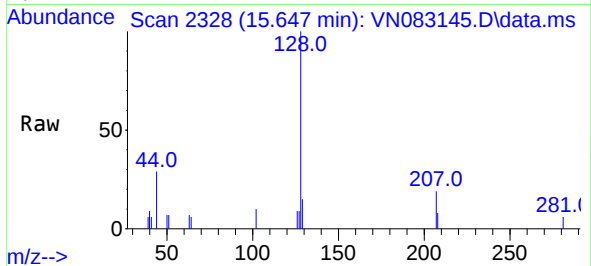




#95
Naphthalene
Concen: 0.758 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 7139
Ion Ratio Lower Upper
128 100
127 8.0 10.6 16.0#
129 7.4 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.742 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083145.D
Acq: 08 Aug 2024 10:47

Tgt Ion:180 Resp: 1954
Ion Ratio Lower Upper
180 100
182 87.6 48.9 146.8
145 25.5 16.8 50.4

