

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083850.D
 Acq On : 13 Sep 2024 03:49
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 13 05:59:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	109504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.099	114	231566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	252637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.793	152	118716	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	90684	54.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.840%	
35) Dibromofluoromethane	8.164	113	71771	48.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.820%	
50) Toluene-d8	10.564	98	259535	50.642	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.846	95	120112	56.806	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.620%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	386	Below Cal	#	41
5) Bromomethane	2.911	94	519	0.648	ug/l #	58
6) Chloroethane	3.100	64	226	0.231	ug/l #	45
11) Tert butyl alcohol	5.494	59	2730	12.347	ug/l #	71
13) Acrolein	4.158	56	55	0.252	ug/l #	13
17) Carbon Disulfide	4.700	76	792	0.239	ug/l #	75
18) Methyl Acetate	5.023	43	1680	Below Cal	#	59
21) trans-1,2-Dichloroethene	5.782	96	1458	1.149	ug/l #	81
31) Cyclohexane	8.223	56	2911	1.220	ug/l #	21
36) 1,1-Dichloropropene	8.217	75	10573	4.738	ug/l #	51
38) Carbon Tetrachloride	8.223	117	12240	4.835	ug/l #	19
42) 1,2-Dichloroethane	8.670	62	965	0.385	ug/l #	77
43) Isopropyl Acetate	8.658	43	12289	3.348	ug/l #	58
44) Trichloroethene	9.346	130	994	0.639	ug/l	72
51) 4-Methyl-2-Pentanone	10.558	43	1382	0.692	ug/l #	1
52) Toluene	10.629	92	1913	0.466	ug/l	80
53) t-1,3-Dichloropropene	10.835	75	2983	1.196	ug/l	100
54) cis-1,3-Dichloropropene	10.311	75	1647	0.629	ug/l #	89
61) 1,2-Dibromoethane	11.470	107	423	0.277	ug/l	98
65) Chlorobenzene	11.887	112	3261	0.581	ug/l	96
67) Ethyl Benzene	11.964	91	6076	0.609	ug/l	95
68) m/p-Xylenes	12.076	106	1106	0.299	ug/l	76
69) o-Xylene	12.399	106	2079	0.580	ug/l	99
70) Styrene	12.411	104	7549	1.283	ug/l	95
71) Bromoform	12.576	173	381	0.290	ug/l #	87
76) 1,2,3-Trichloropropane	12.846	75	67759	28.287	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.176	105	2512	0.324	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.846	75	67759	74.084	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.481	105	1791	0.230	ug/l	82
87) 1,3-Dichlorobenzene	13.734	146	9683	2.321	ug/l	94
88) 1,4-Dichlorobenzene	13.734	146	9683	2.292	ug/l	94
91) 1,2-Dichlorobenzene	14.105	146	1447	0.359	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	579	1.076	ug/l	72
93) 1,2,4-Trichlorobenzene	15.393	180	692	0.320	ug/l	87
95) Naphthalene	15.640	128	17127	2.605	ug/l	95
96) 1,2,3-Trichlorobenzene	15.840	180	608	0.294	ug/l #	60

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ClientSampleId :
IBLK

Quant Time: Sep 13 05:59:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

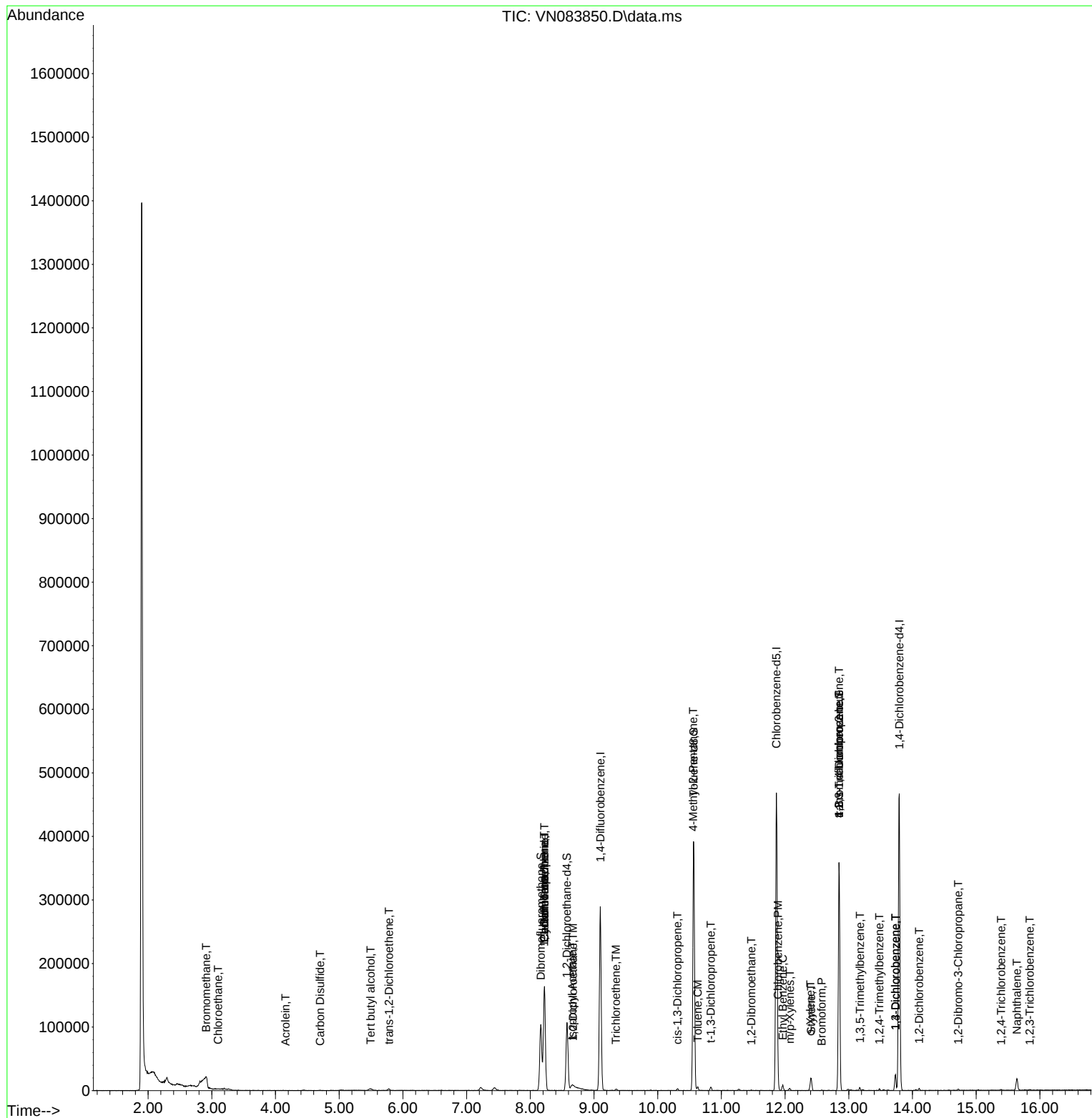
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

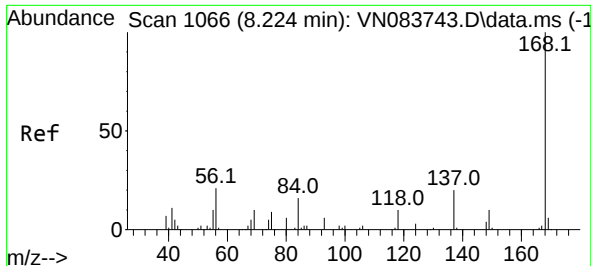
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

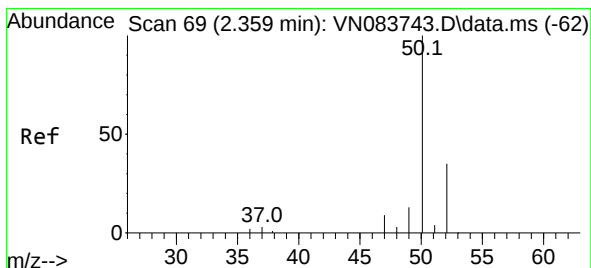
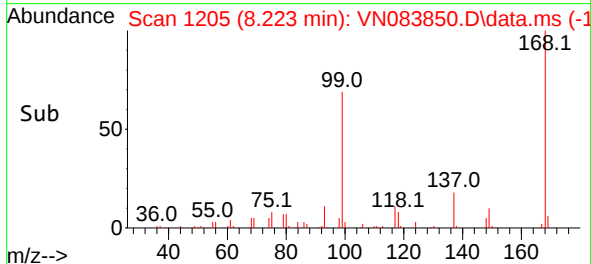
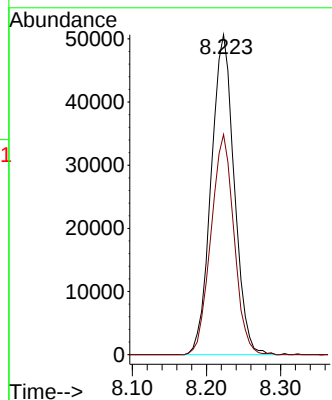
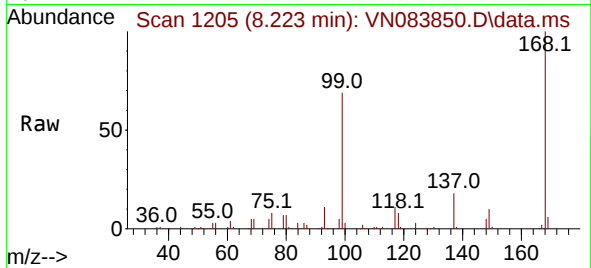




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

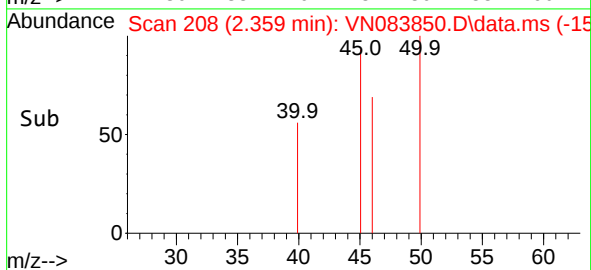
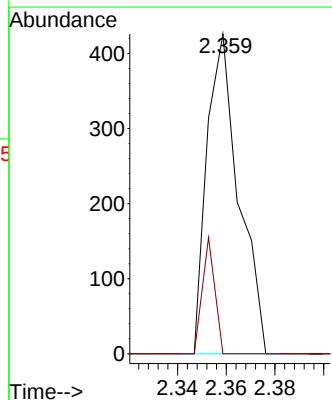
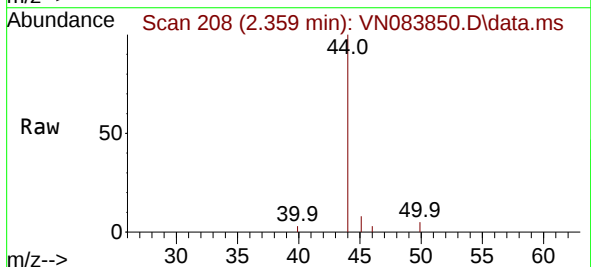
Instrument :
MSVOA_N
ClientSampleId :
IBLK

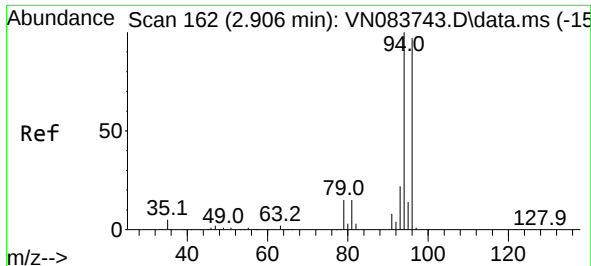
Tgt Ion:168 Resp: 109504
Ion Ratio Lower Upper
168 100
99 68.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 208
Delta R.T. -0.000 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion: 50 Resp: 386
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

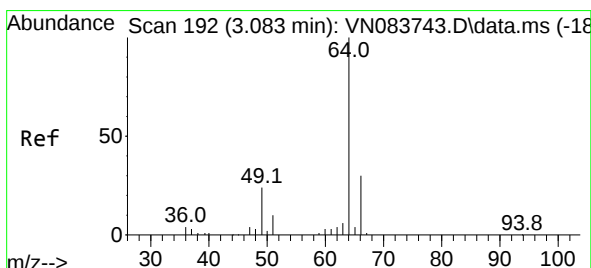
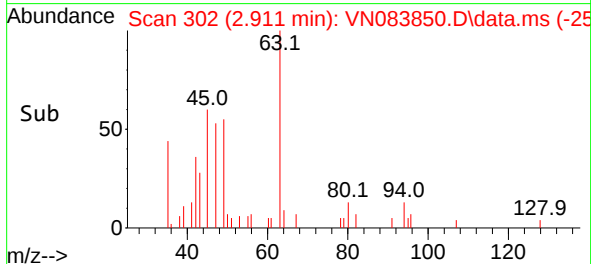
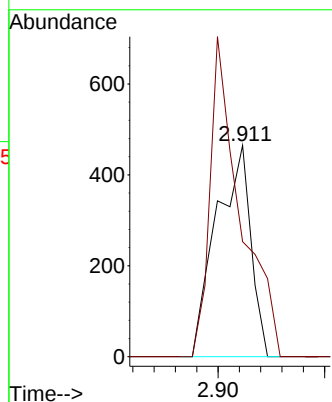
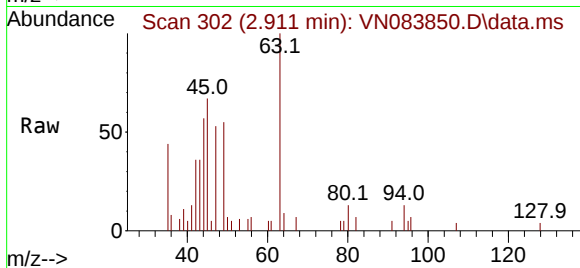




#5
Bromomethane
Concen: 0.648 ug/l
RT: 2.911 min Scan# 302
Delta R.T. 0.005 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

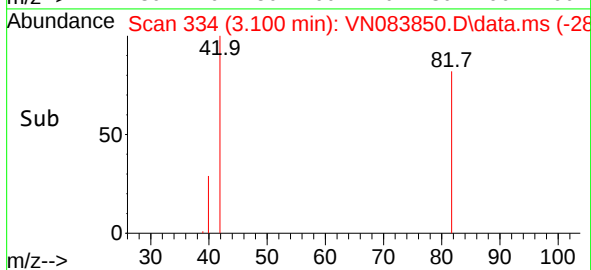
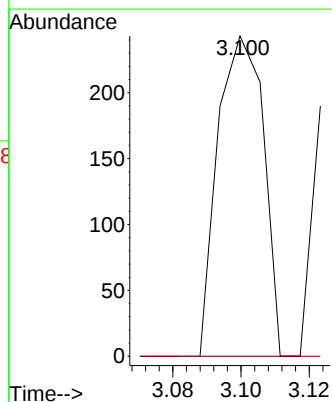
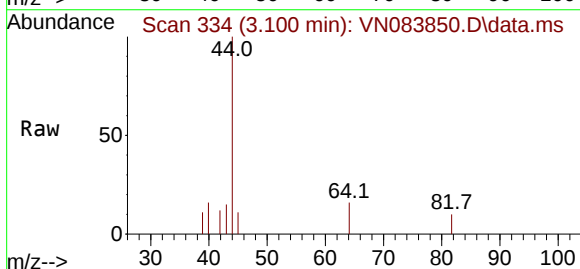
Instrument :
MSVOA_N
ClientSampleId :
IBLK

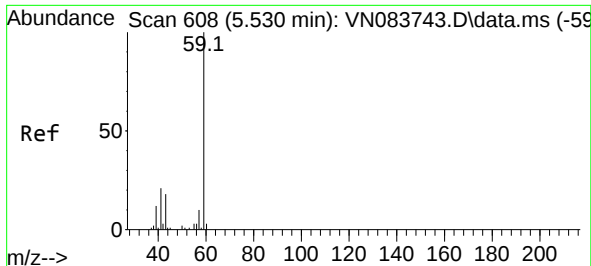
Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 54.4 76.0 114.0#



#6
Chloroethane
Concen: 0.231 ug/l
RT: 3.100 min Scan# 334
Delta R.T. 0.017 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion: 64 Resp: 226
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#11

Tert butyl alcohol

Concen: 12.347 ug/l

RT: 5.494 min Scan# 741

Delta R.T. -0.036 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

Instrument :

MSVOA_N

ClientSampleId :

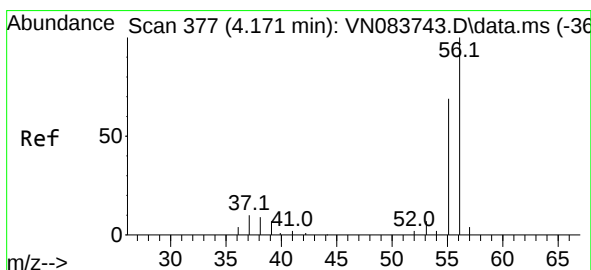
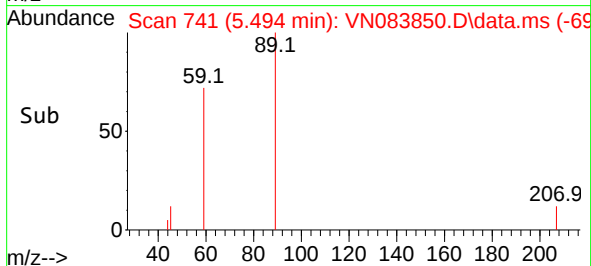
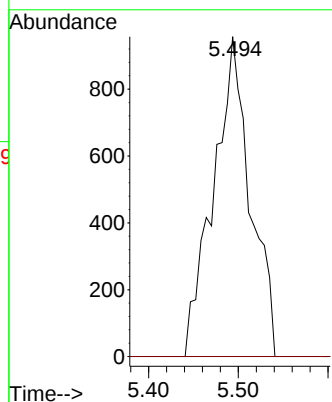
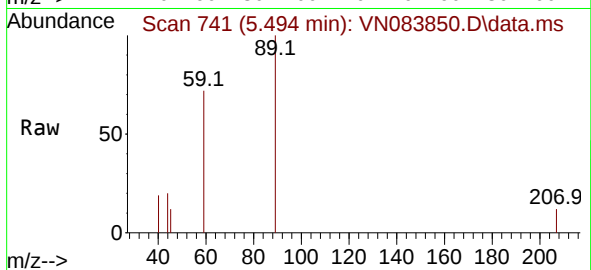
IBLK

Tgt Ion: 59 Resp: 2730

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.252 ug/l

RT: 4.158 min Scan# 514

Delta R.T. -0.013 min

Lab File: VN083850.D

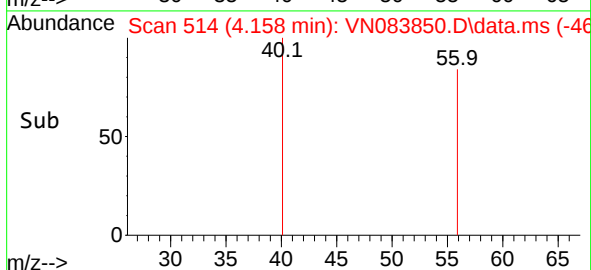
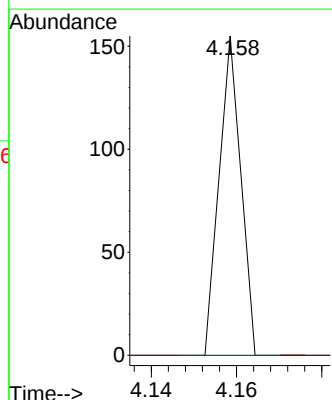
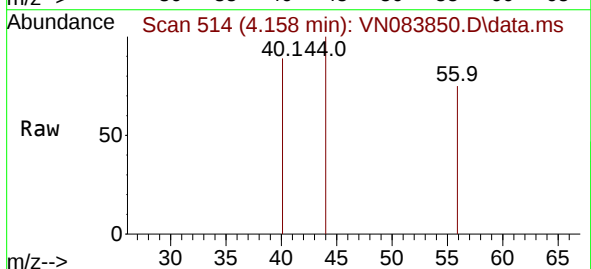
Acq: 13 Sep 2024 03:49

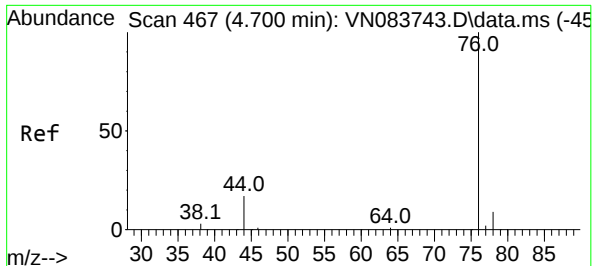
Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

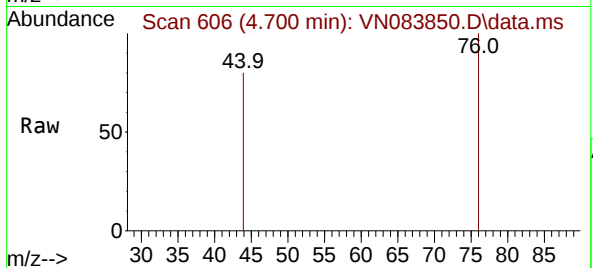
55 0.0 58.2 87.2#



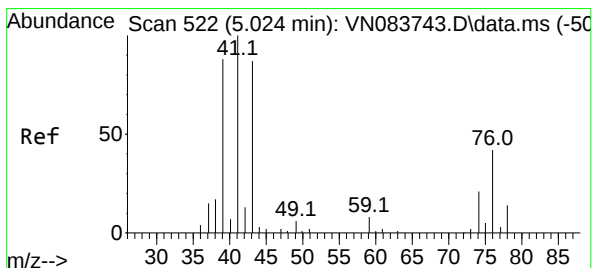
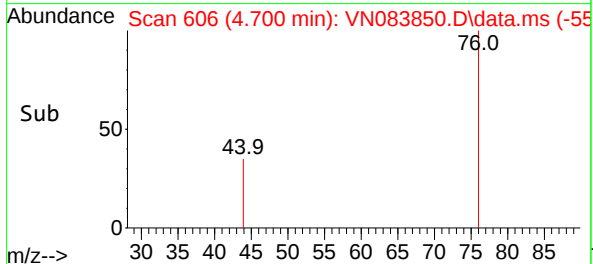
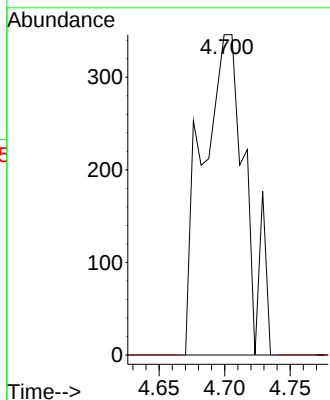


#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 4.700 min Scan# 606
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Instrument :
MSVOA_N
ClientSampleId :
IBLK

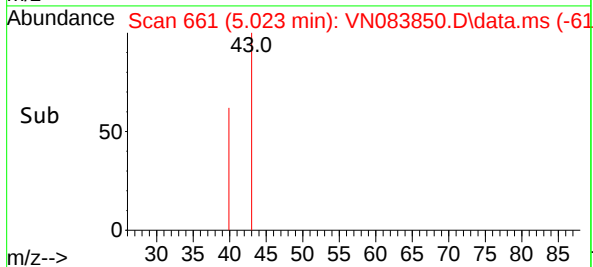
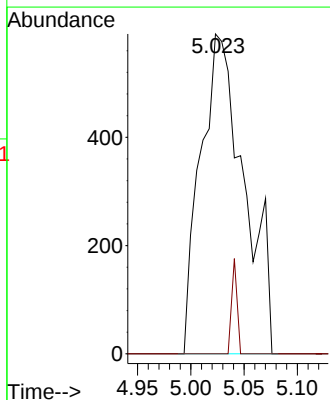
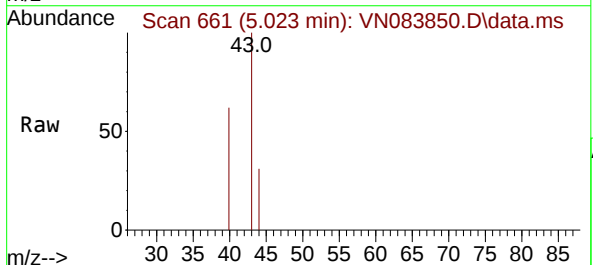


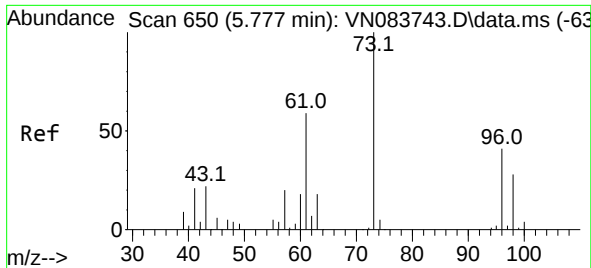
Tgt Ion: 76 Resp: 792
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.023 min Scan# 661
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
74 3.7 19.0 28.4#

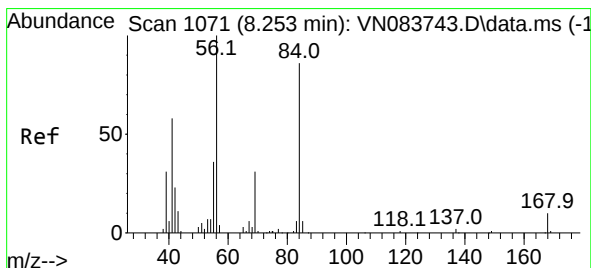
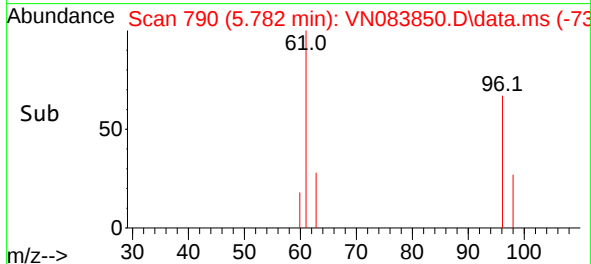
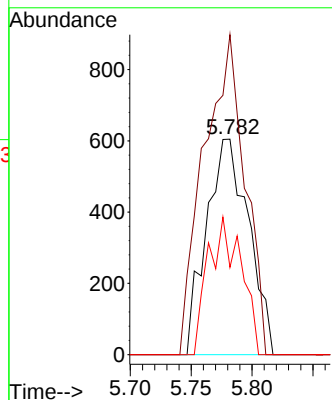
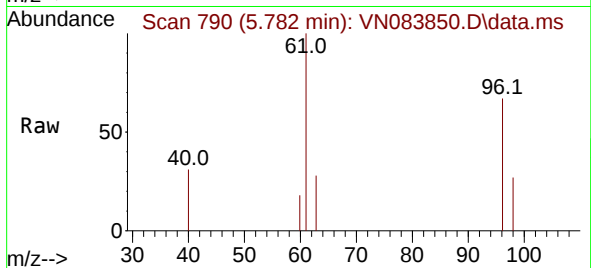




#21
trans-1,2-Dichloroethene
Concen: 1.149 ug/l
RT: 5.782 min Scan# 74
Delta R.T. 0.005 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

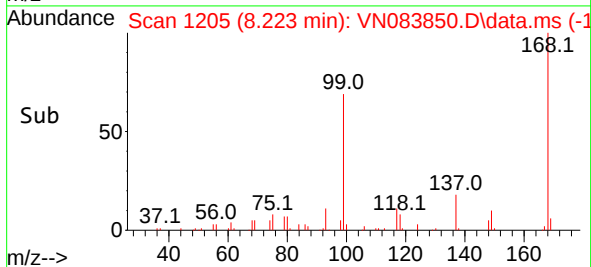
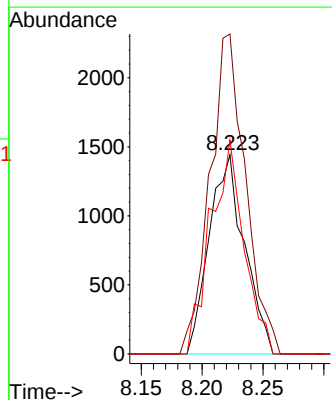
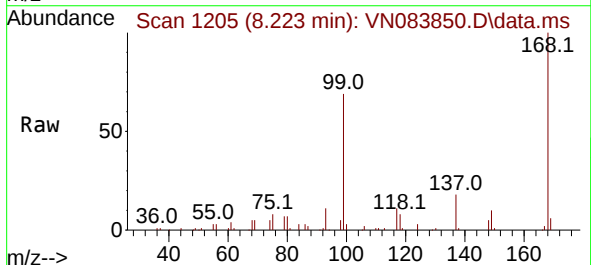
Instrument :
MSVOA_N
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IBLK

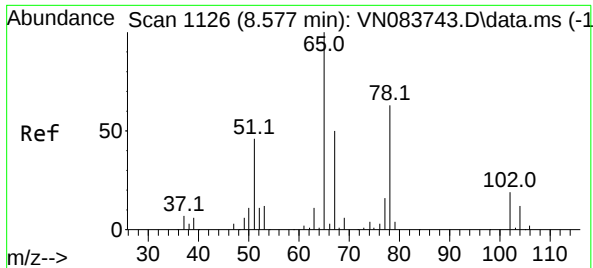
Tgt Ion: 96 Resp: 1458
Ion Ratio Lower Upper
96 100
61 148.4 106.0 159.0
98 40.5 52.2 78.2#



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 8.223 min Scan# 1205
Delta R.T. -0.030 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion: 56 Resp: 2911
Ion Ratio Lower Upper
56 100
69 160.6 26.9 40.3#
84 107.4 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 54.921 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

Instrument :

MSVOA_N

ClientSampleId :

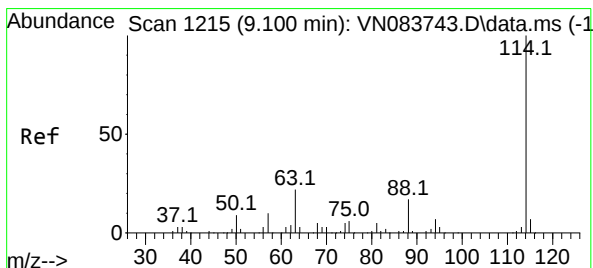
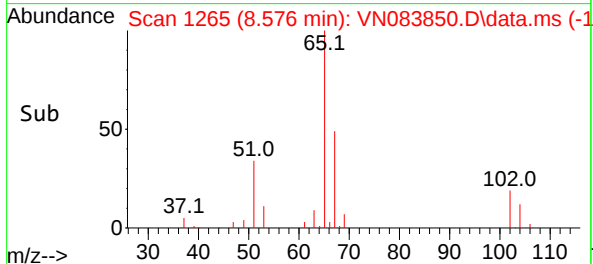
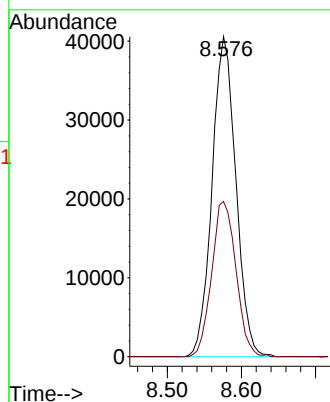
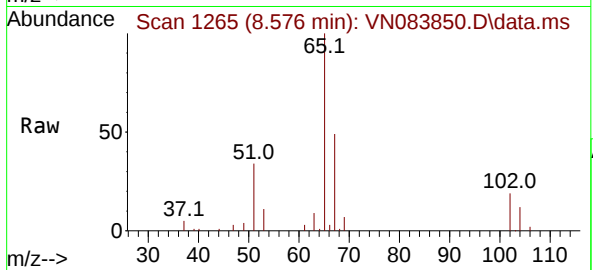
IBLK

Tgt Ion: 65 Resp: 90684

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.099 min Scan# 1354

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

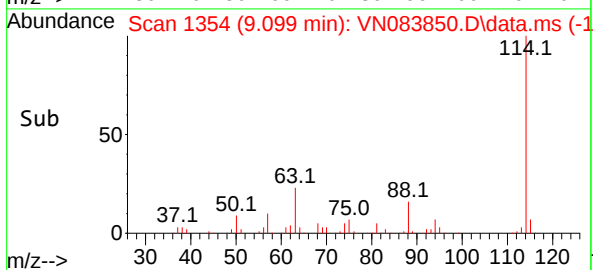
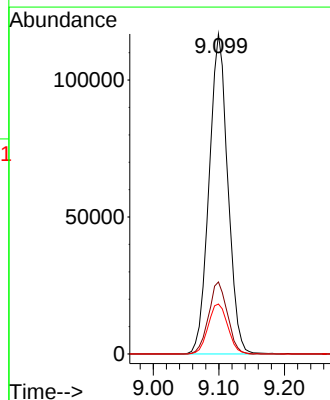
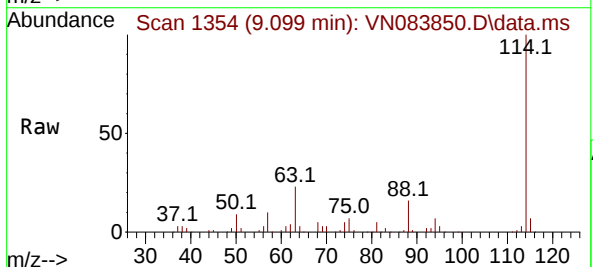
Tgt Ion: 114 Resp: 231566

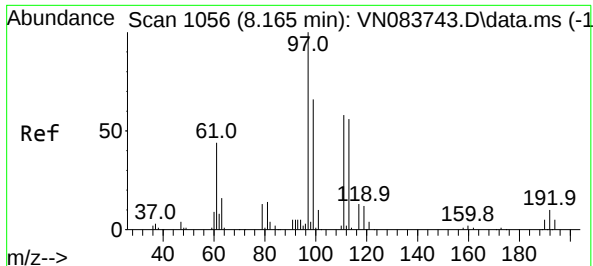
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.414 ug/l

RT: 8.164 min Scan# 1195

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

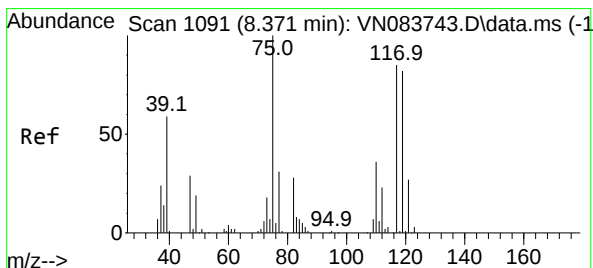
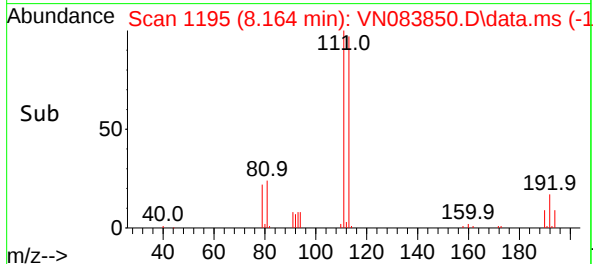
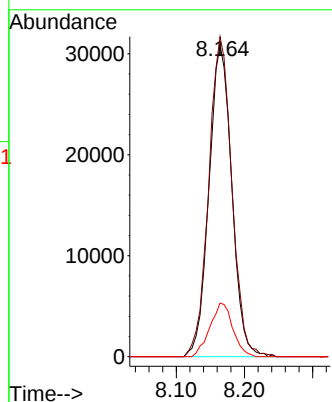
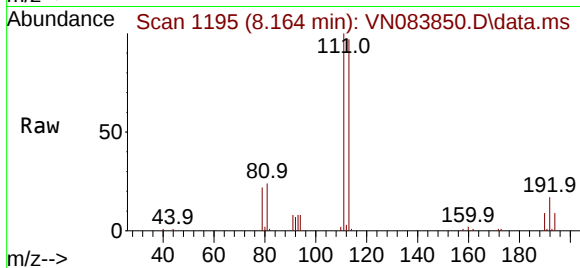
Tgt Ion:113 Resp: 71771

Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.738 ug/l

RT: 8.217 min Scan# 1204

Delta R.T. -0.154 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

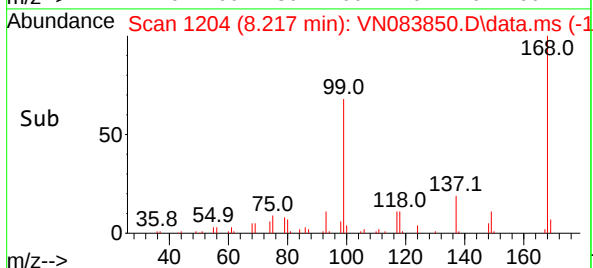
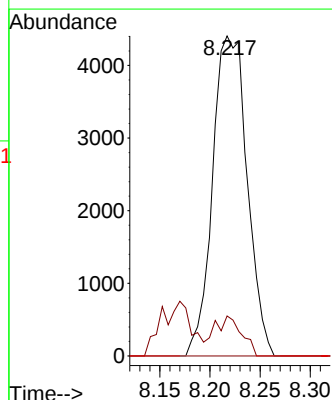
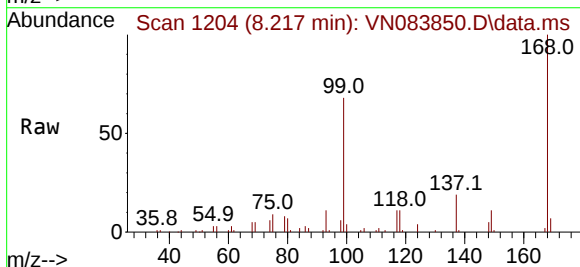
Tgt Ion: 75 Resp: 10573

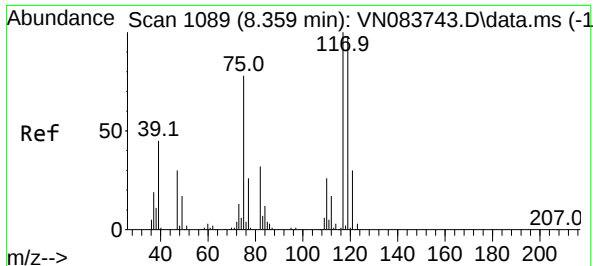
Ion Ratio Lower Upper

75 100

110 9.8 16.7 50.1#

77 0.0 25.2 37.8#

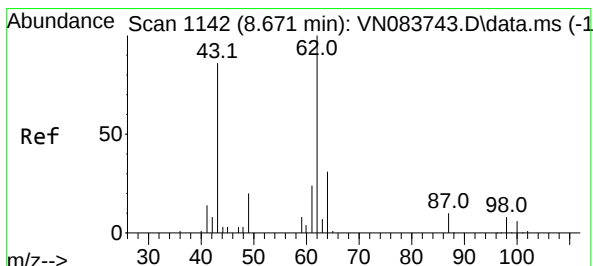
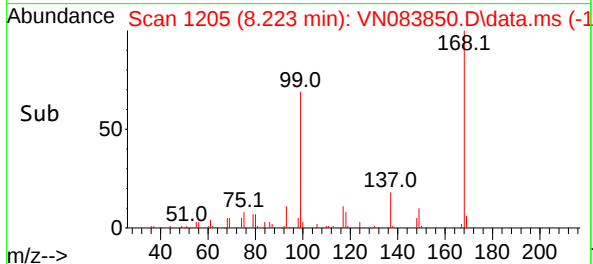
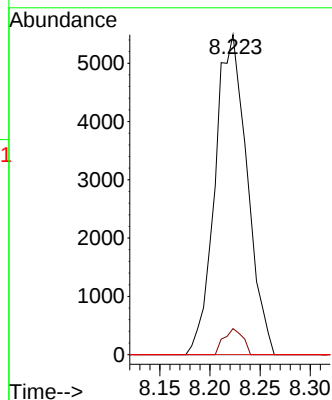
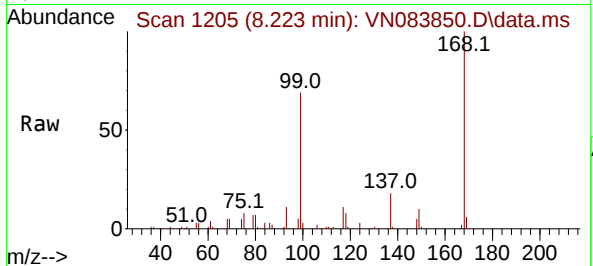




#38
Carbon Tetrachloride
Concen: 4.835 ug/l
RT: 8.223 min Scan# 117
Delta R.T. -0.136 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

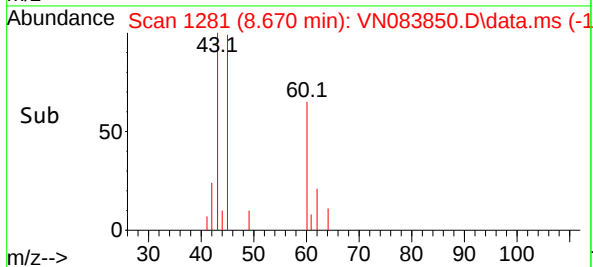
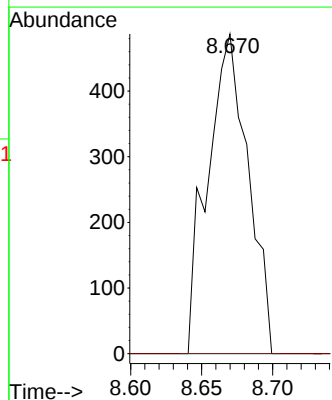
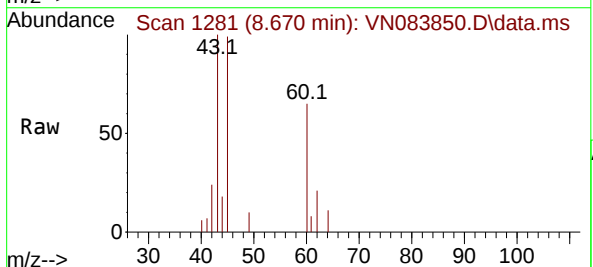
Instrument :
MSVOA_N
ClientSampleId :
IBLK

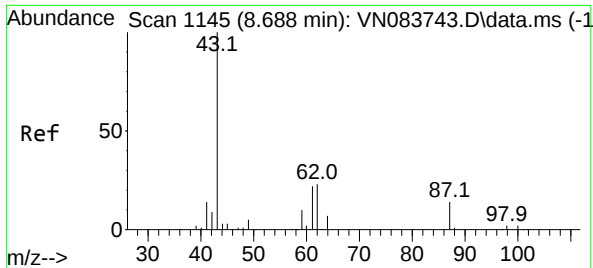
Tgt Ion: 117 Resp: 12240
Ion Ratio Lower Upper
117 100
119 8.1 76.1 114.1#
121 0.0 24.1 36.1#



#42
1,2-Dichloroethane
Concen: 0.385 ug/l
RT: 8.670 min Scan# 1281
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion: 62 Resp: 965
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6

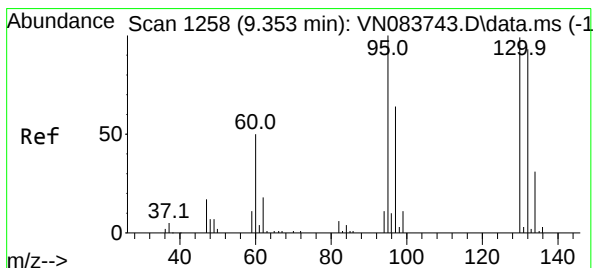
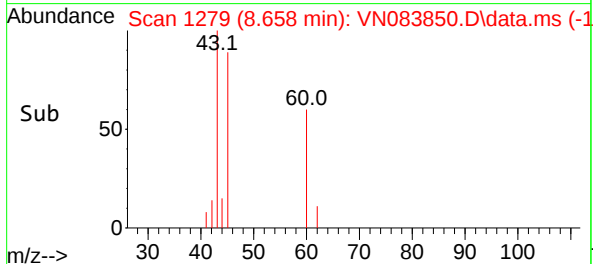
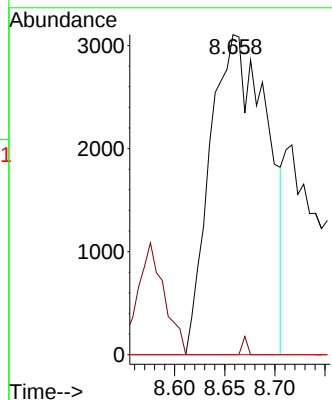
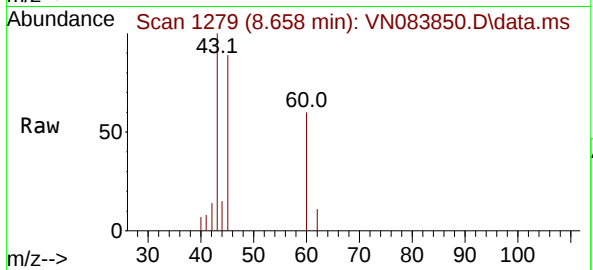




#43
Isopropyl Acetate
Concen: 3.348 ug/l
RT: 8.658 min Scan# 1145
Delta R.T. -0.030 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

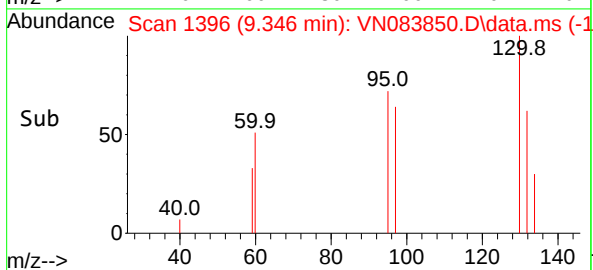
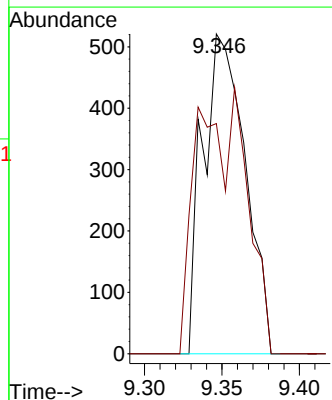
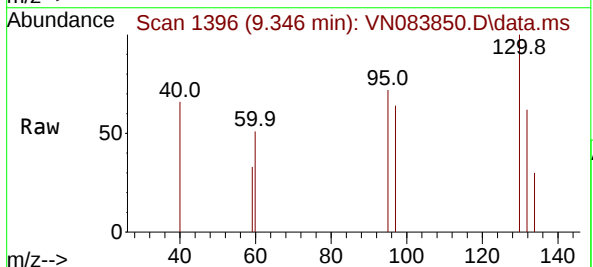
Instrument :
MSVOA_N
ClientSampleId :
IBLK

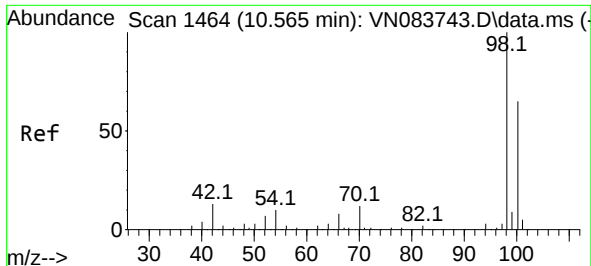
Tgt Ion: 43 Resp: 12289
Ion Ratio Lower Upper
43 100
61 0.5 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.639 ug/l
RT: 9.346 min Scan# 1396
Delta R.T. -0.007 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion:130 Resp: 994
Ion Ratio Lower Upper
130 100
95 72.0 0.0 200.4

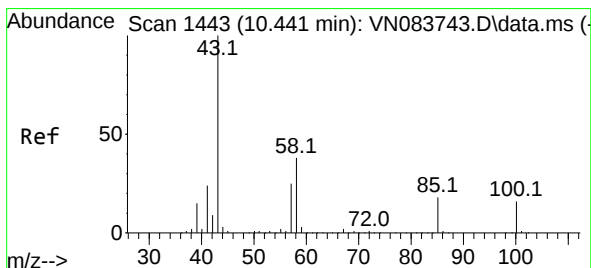
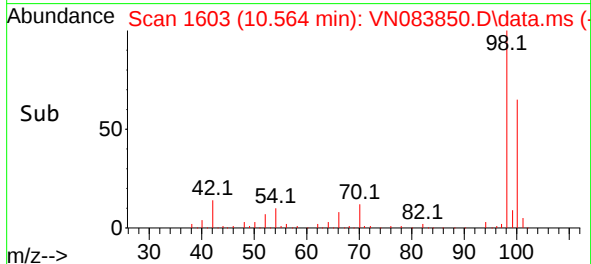
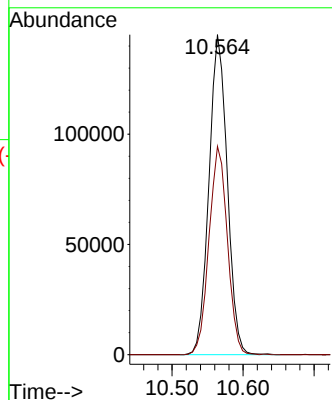
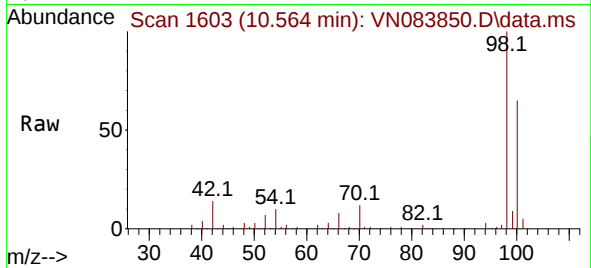




#50
Toluene-d8
Concen: 50.642 ug/l
RT: 10.564 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

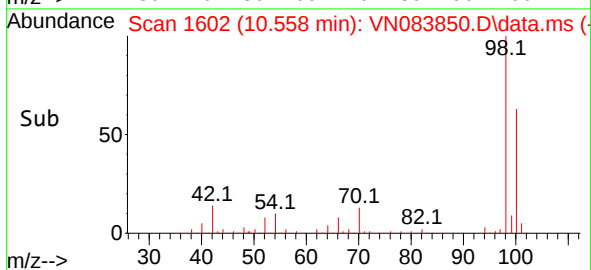
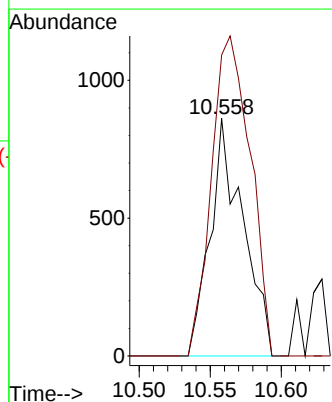
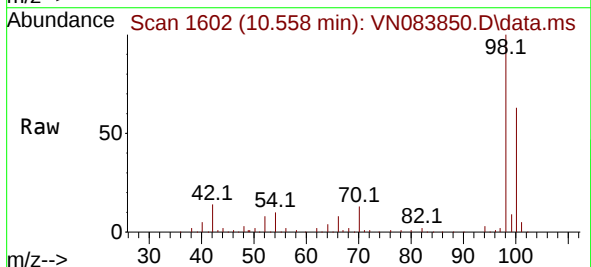
Instrument :
MSVOA_N
ClientSampleId :
IBLK

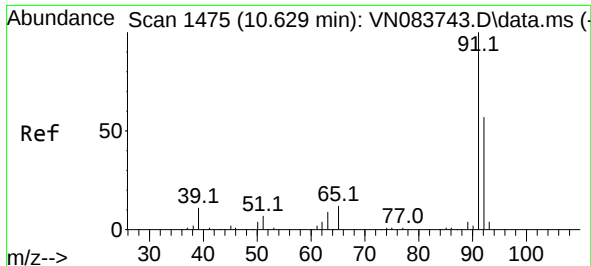
Tgt Ion: 98 Resp: 259535
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.692 ug/l
RT: 10.558 min Scan# 1602
Delta R.T. 0.117 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
58 160.0 31.6 47.4#

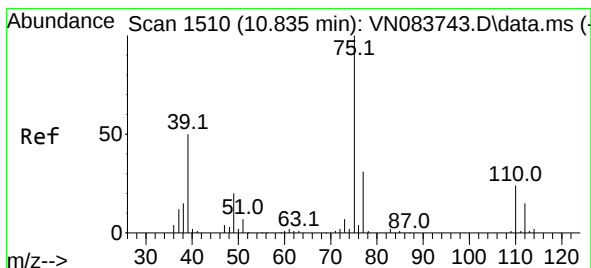
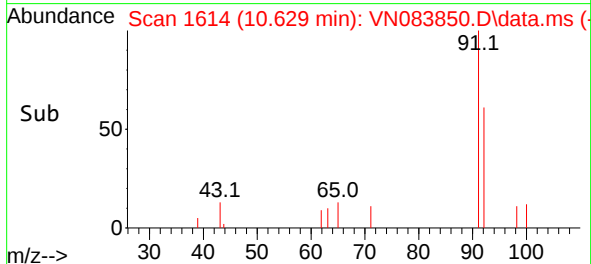
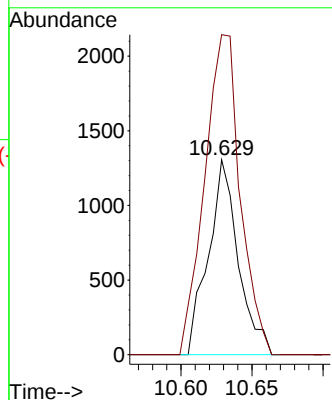
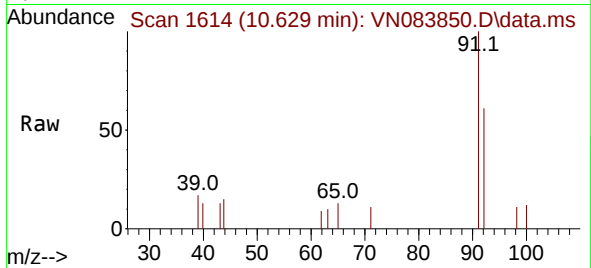




#52
Toluene
Concen: 0.466 ug/l
RT: 10.629 min Scan# 1614
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

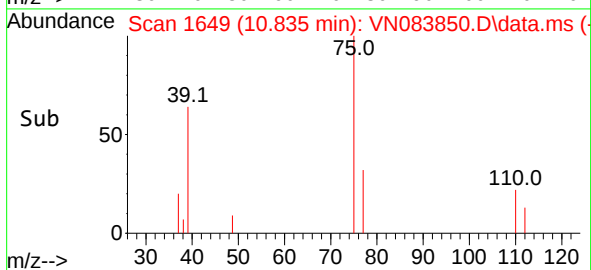
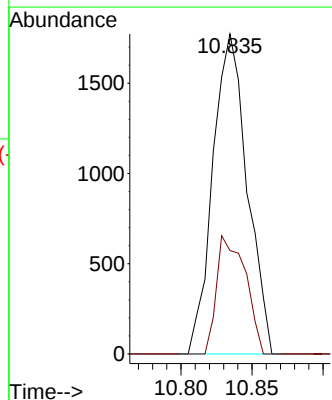
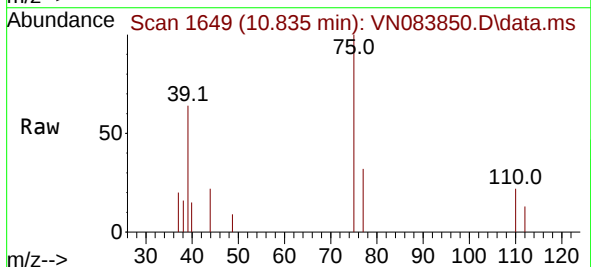
Instrument :
MSVOA_N
ClientSampleId :
IBLK

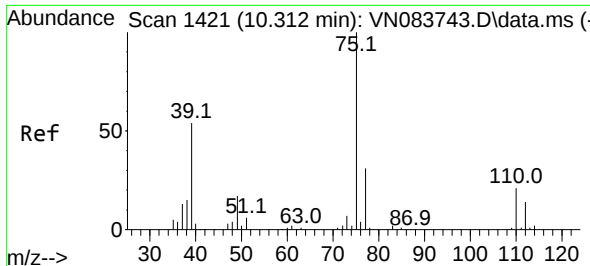
Tgt Ion: 92 Resp: 1913
Ion Ratio Lower Upper
92 100
91 195.8 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 1.196 ug/l
RT: 10.835 min Scan# 1649
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion: 75 Resp: 2983
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6

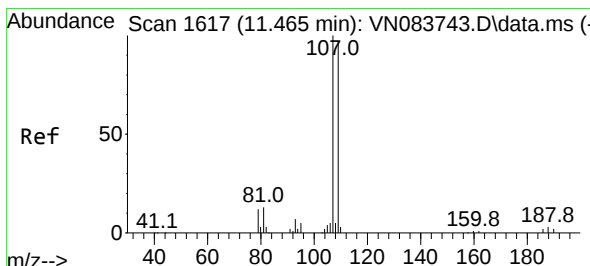
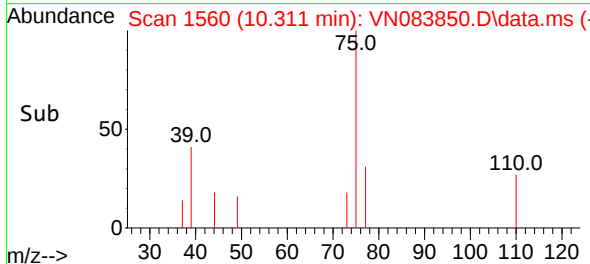
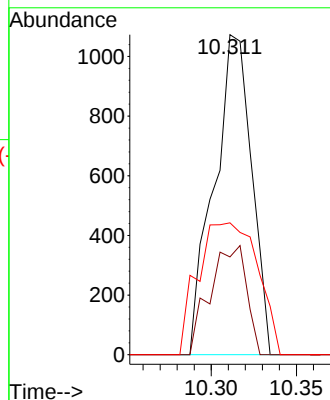
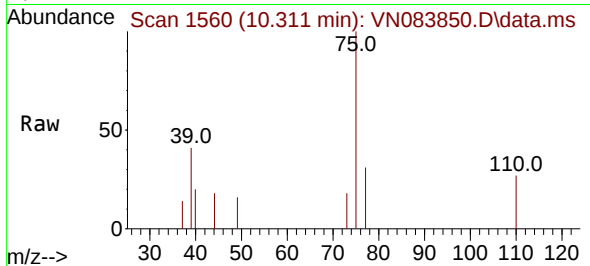




#54
 cis-1,3-Dichloropropene
 Concen: 0.629 ug/l
 RT: 10.311 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VN083850.D
 Acq: 13 Sep 2024 03:49

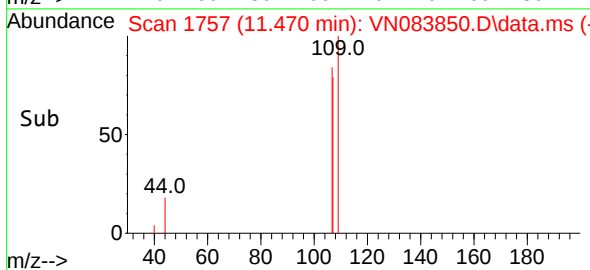
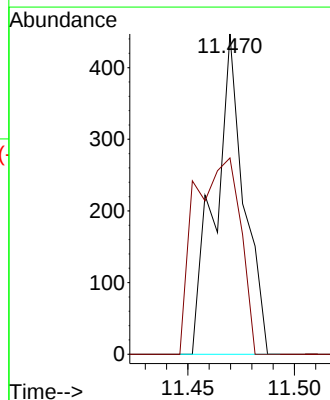
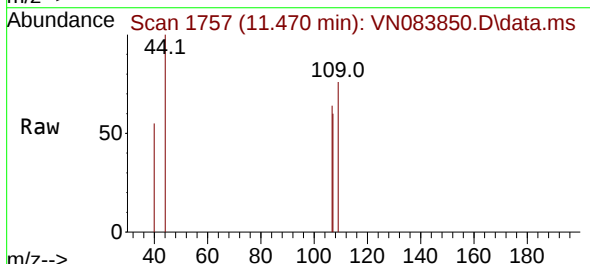
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

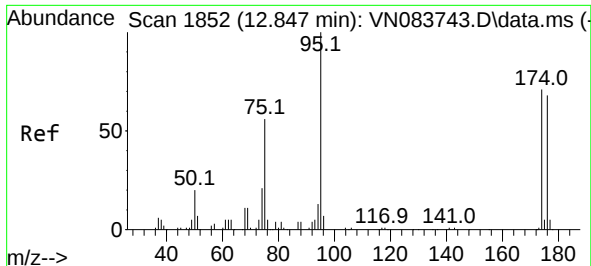
Tgt Ion: 75 Resp: 1647
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.6
 39 41.2 42.6 64.0#



#61
 1,2-Dibromoethane
 Concen: 0.277 ug/l
 RT: 11.470 min Scan# 1757
 Delta R.T. 0.005 min
 Lab File: VN083850.D
 Acq: 13 Sep 2024 03:49

Tgt Ion: 107 Resp: 423
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.6 113.4





#62

4-Bromofluorobenzene

Concen: 56.806 ug/l

RT: 12.846 min Scan# 1852

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

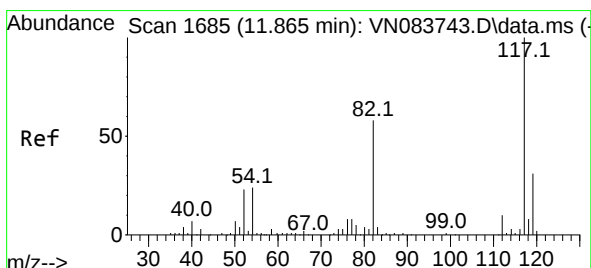
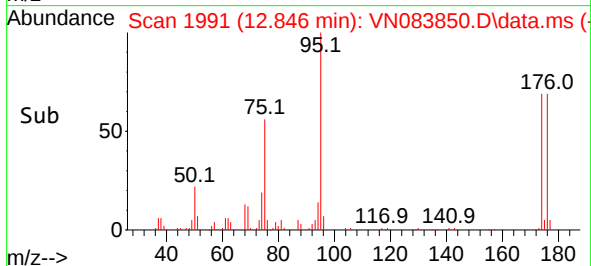
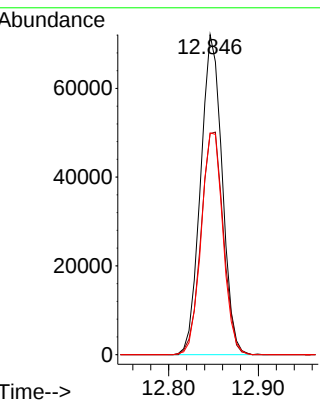
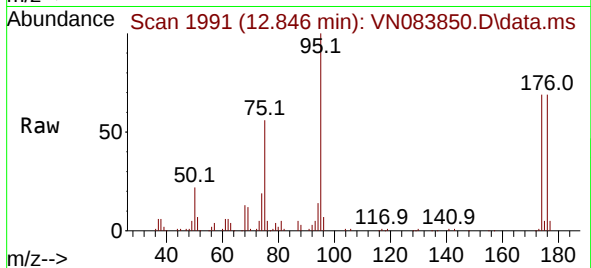
Tgt Ion: 95 Resp: 120112

Ion Ratio Lower Upper

95 100

174 72.0 0.0 139.8

176 70.1 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1824

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

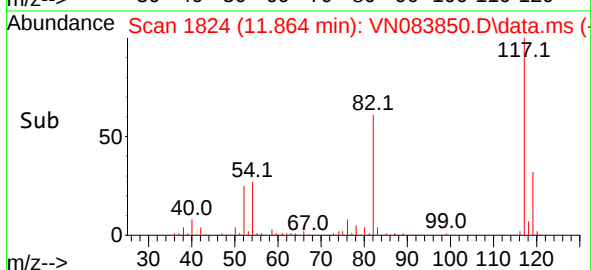
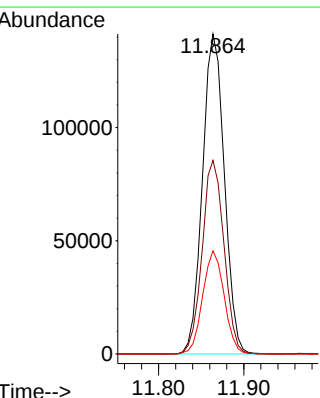
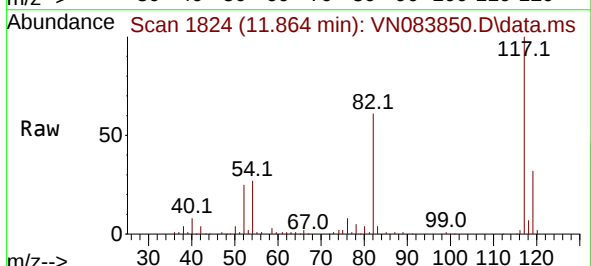
Tgt Ion: 117 Resp: 252637

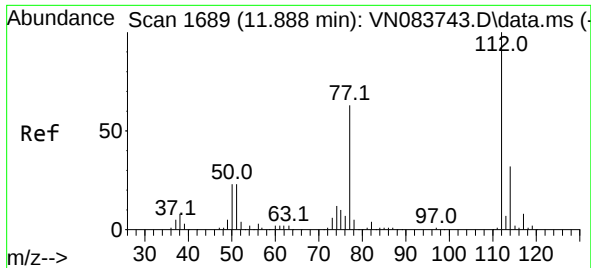
Ion Ratio Lower Upper

117 100

82 60.5 47.4 71.0

119 32.2 26.3 39.5

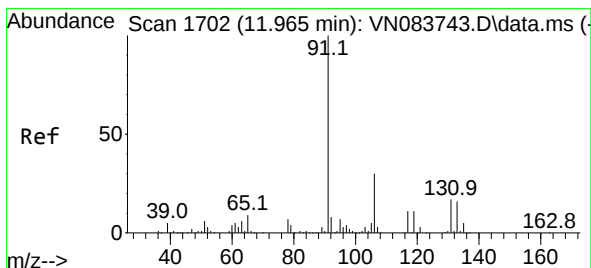
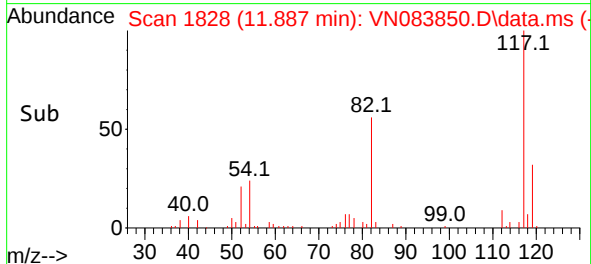
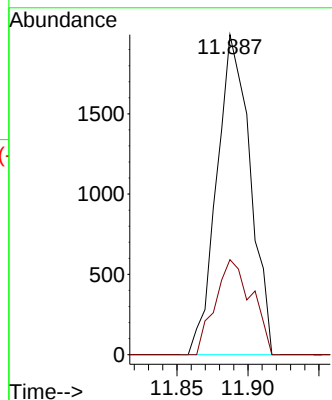
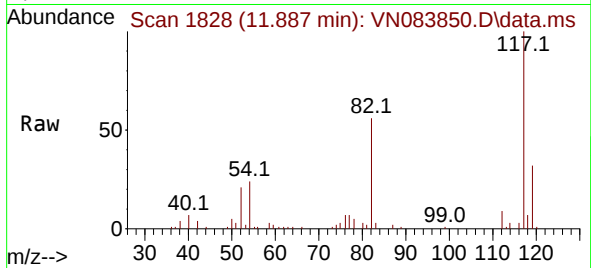




#65
Chlorobenzene
Concen: 0.581 ug/l
RT: 11.887 min Scan# 1828
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

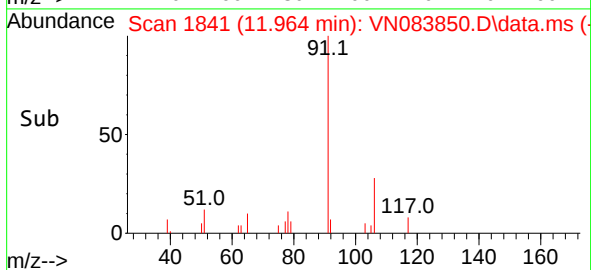
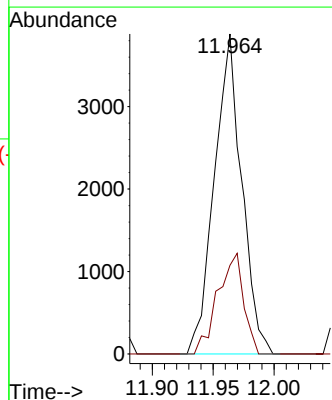
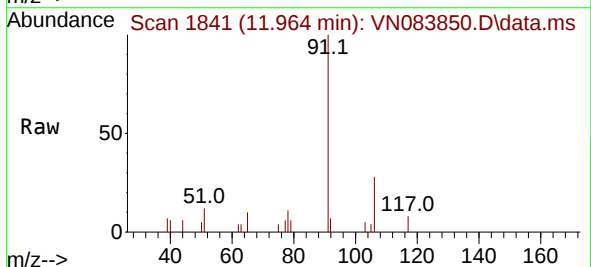
Instrument :
MSVOA_N
ClientSampleId :
IBLK

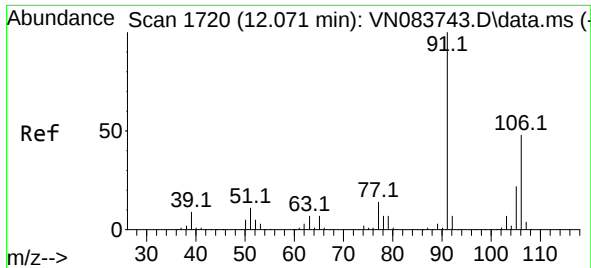
Tgt Ion:112 Resp: 3261
Ion Ratio Lower Upper
112 100
114 29.7 25.7 38.5



#67
Ethyl Benzene
Concen: 0.609 ug/l
RT: 11.964 min Scan# 1841
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion: 91 Resp: 6076
Ion Ratio Lower Upper
91 100
106 27.7 24.3 36.5

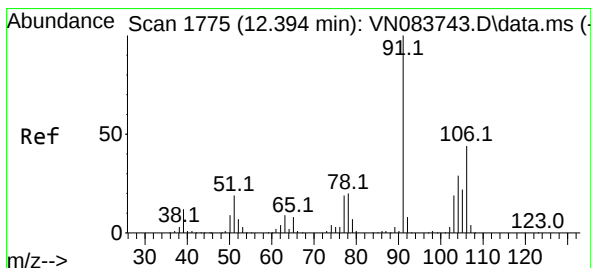
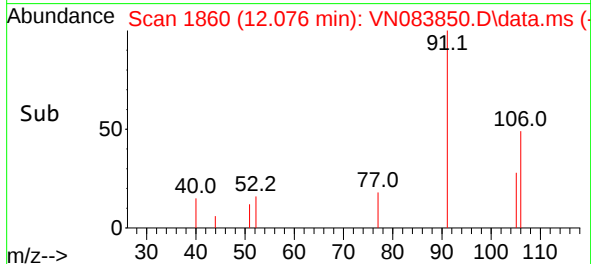
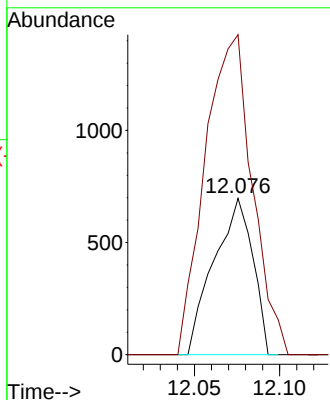
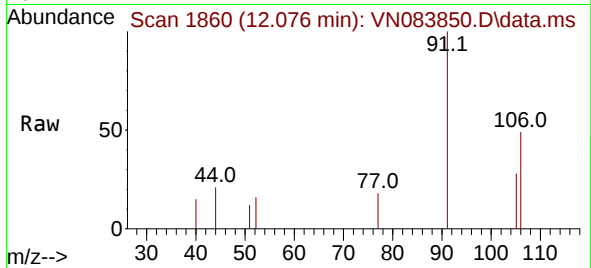




#68
m/p-Xylenes
Concen: 0.299 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

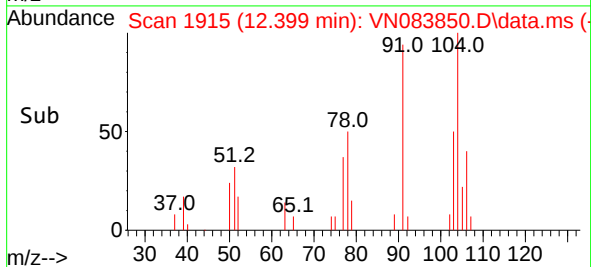
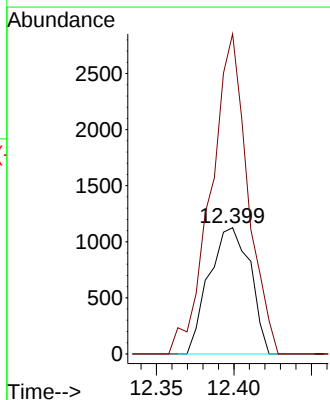
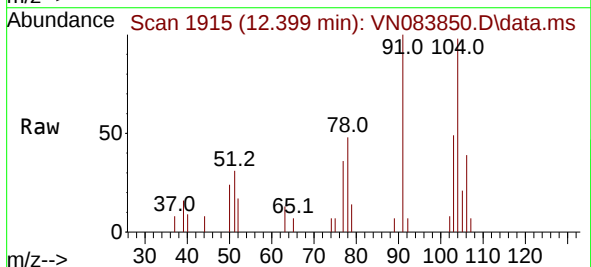
Instrument :
MSVOA_N
ClientSampleId :
IBLK

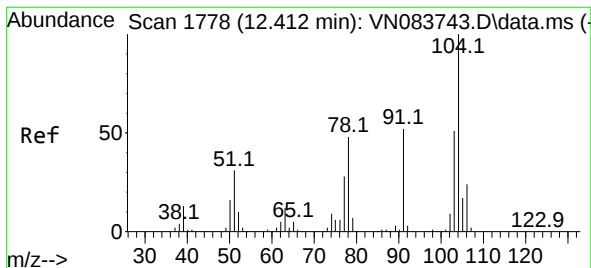
Tgt Ion:106 Resp: 1106
Ion Ratio Lower Upper
106 100
91 248.7 169.2 253.8



#69
o-Xylene
Concen: 0.580 ug/l
RT: 12.399 min Scan# 1915
Delta R.T. 0.005 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion:106 Resp: 2079
Ion Ratio Lower Upper
106 100
91 227.1 112.9 338.6





#70

Styrene

Concen: 1.283 ug/l

RT: 12.411 min Scan# 1945

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

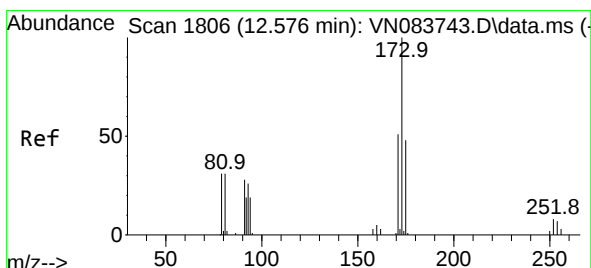
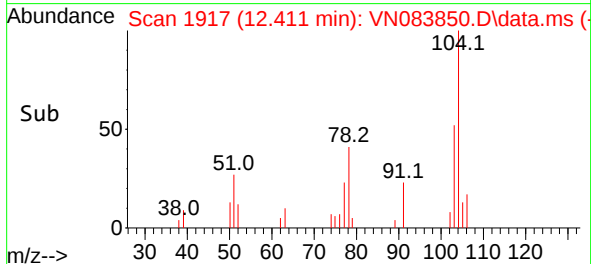
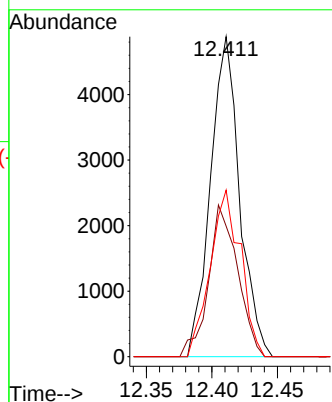
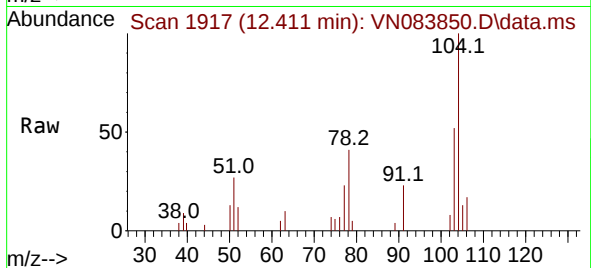
Tgt Ion:104 Resp: 7549

Ion Ratio Lower Upper

104 100

78 47.5 43.3 64.9

103 54.1 43.4 65.2



#71

Bromoform

Concen: 0.290 ug/l

RT: 12.576 min Scan# 1945

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

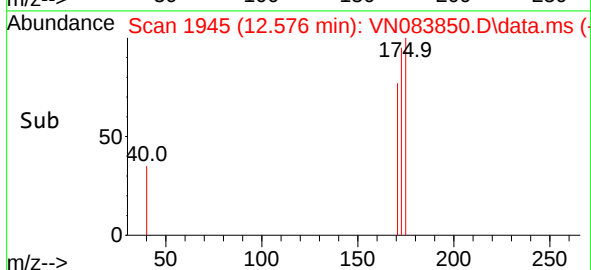
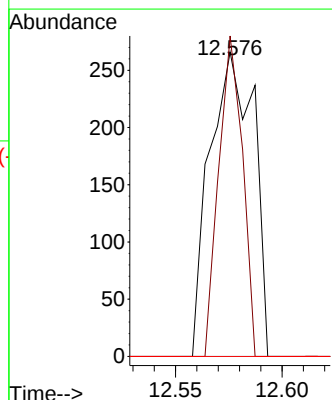
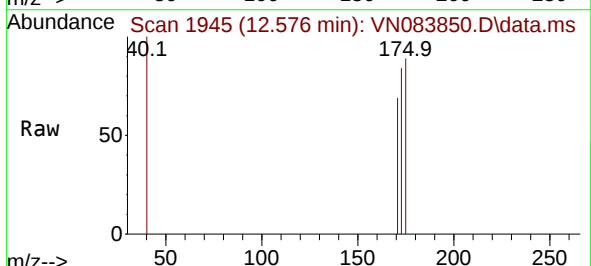
Tgt Ion:173 Resp: 381

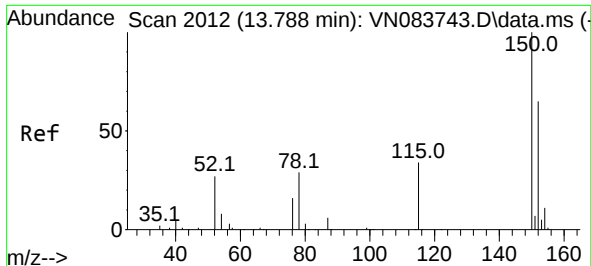
Ion Ratio Lower Upper

173 100

175 56.7 24.1 72.2

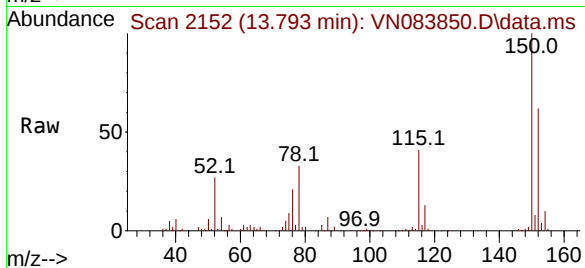
254 0.0 0.0 0.0



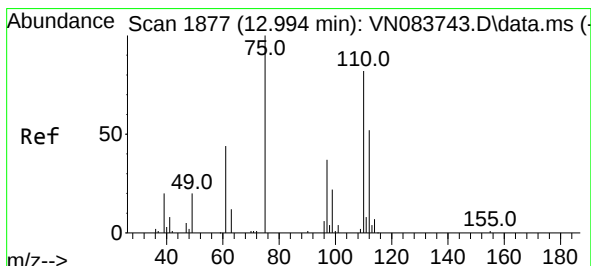
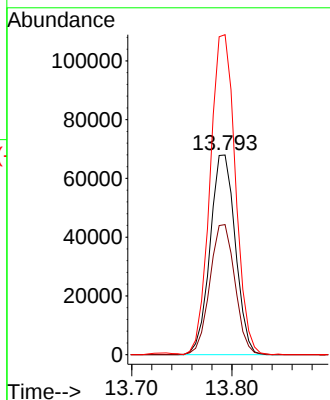
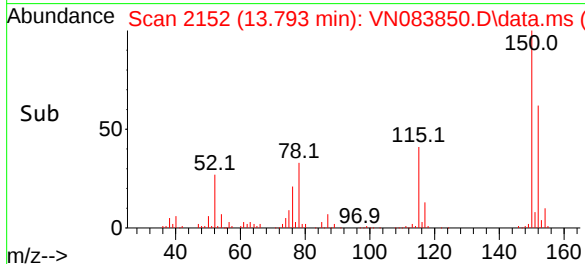


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.793 min Scan# 2152
 Delta R.T. 0.005 min
 Lab File: VN083850.D
 Acq: 13 Sep 2024 03:49

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

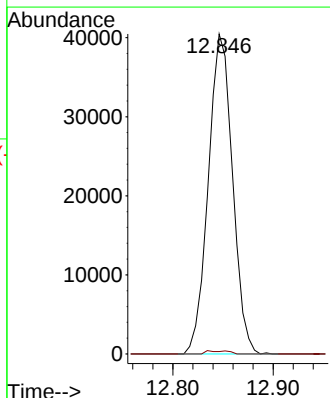
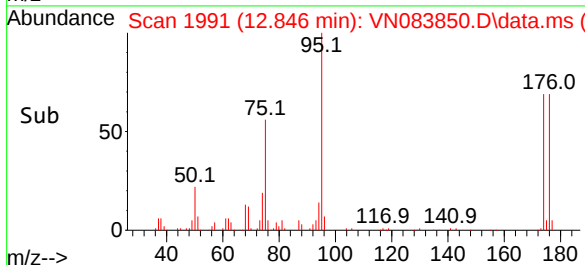
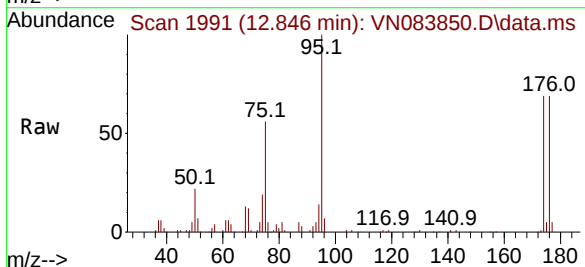


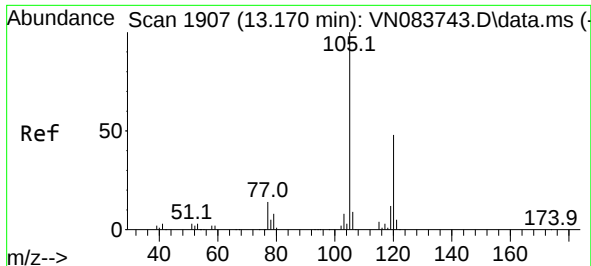
Tgt Ion:152 Resp: 118716
 Ion Ratio Lower Upper
 152 100
 115 64.7 32.2 96.6
 150 160.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.287 ug/l
 RT: 12.846 min Scan# 1991
 Delta R.T. -0.148 min
 Lab File: VN083850.D
 Acq: 13 Sep 2024 03:49

Tgt Ion: 75 Resp: 67759
 Ion Ratio Lower Upper
 75 100
 77 0.9 95.2 285.6#

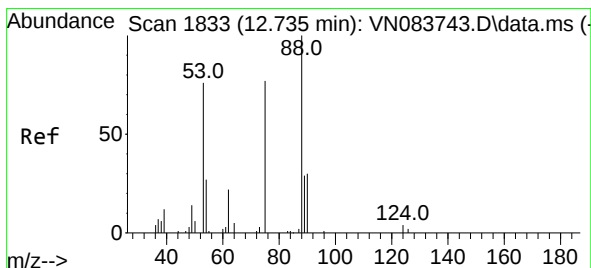
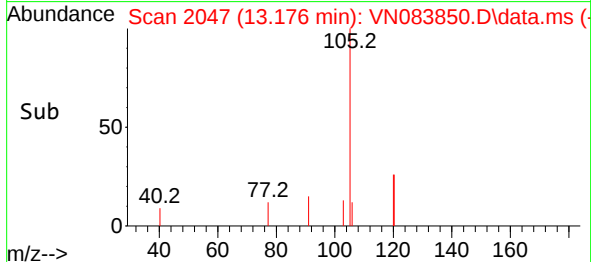
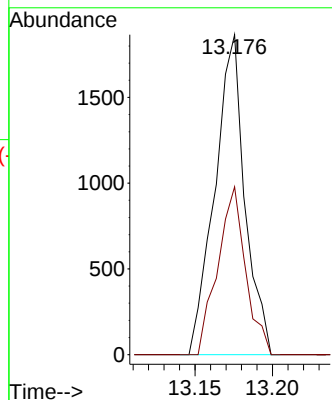
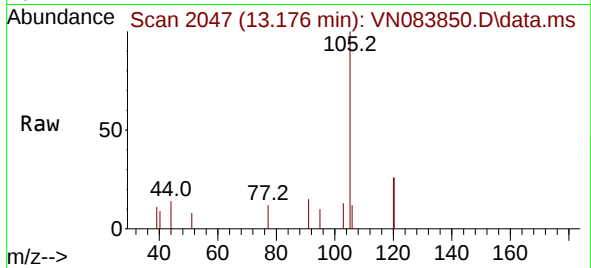




#80
 1,3,5-Trimethylbenzene
 Concen: 0.324 ug/l
 RT: 13.176 min Scan# 2047
 Delta R.T. 0.005 min
 Lab File: VN083850.D
 Acq: 13 Sep 2024 03:49

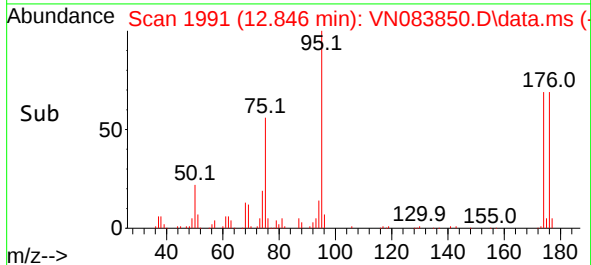
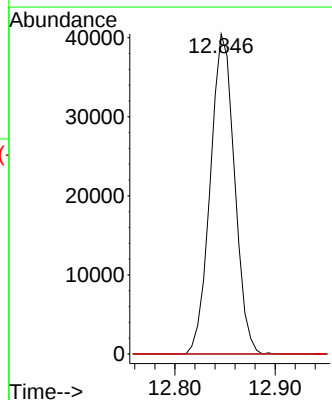
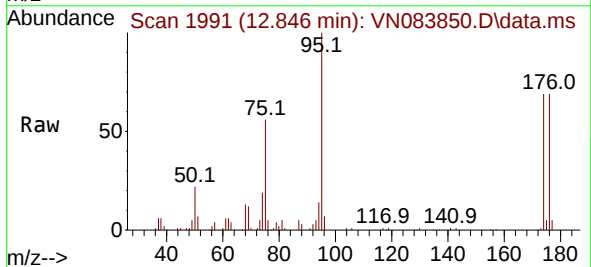
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

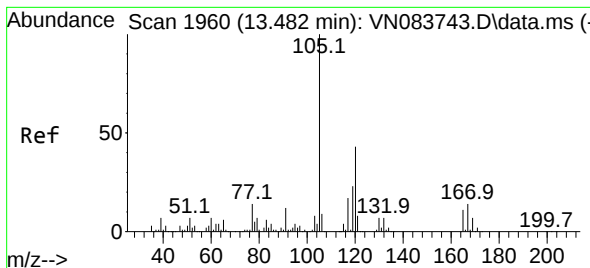
Tgt Ion:105 Resp: 2512
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.4 70.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.084 ug/l
 RT: 12.846 min Scan# 1991
 Delta R.T. 0.111 min
 Lab File: VN083850.D
 Acq: 13 Sep 2024 03:49

Tgt Ion: 75 Resp: 67759
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.230 ug/l

RT: 13.481 min Scan# 2142

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

Instrument :

MSVOA_N

ClientSampleId :

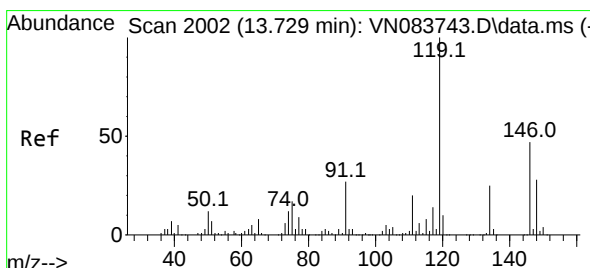
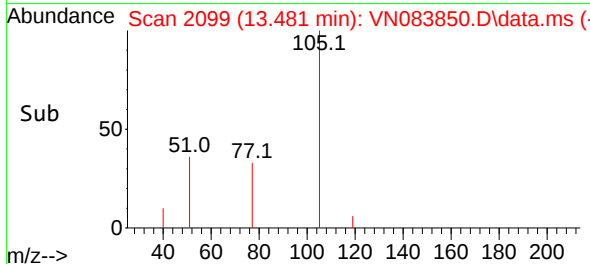
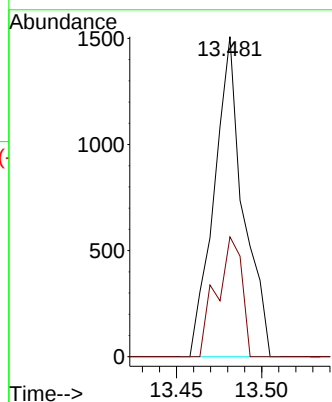
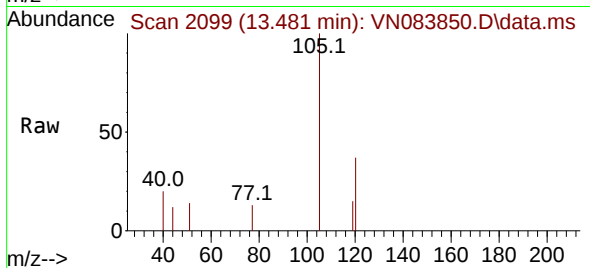
IBLK

Tgt Ion:105 Resp: 1791

Ion Ratio Lower Upper

105 100

120 32.3 21.8 65.4



#87

1,3-Dichlorobenzene

Concen: 2.321 ug/l

RT: 13.734 min Scan# 2142

Delta R.T. 0.005 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

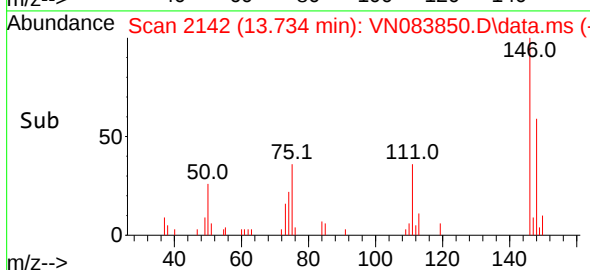
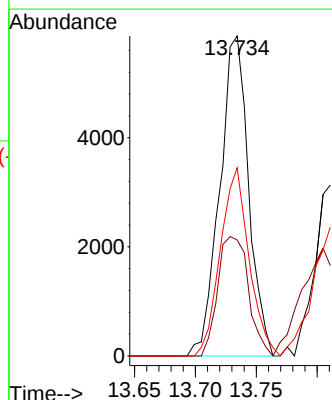
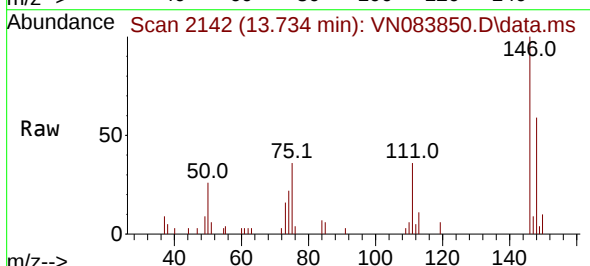
Tgt Ion:146 Resp: 9683

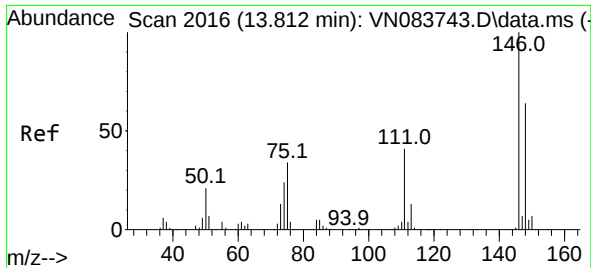
Ion Ratio Lower Upper

146 100

111 39.6 21.7 65.1

148 58.5 31.7 95.1

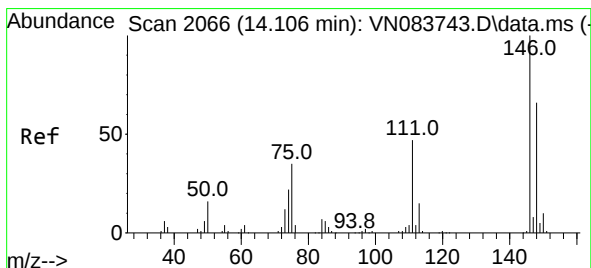
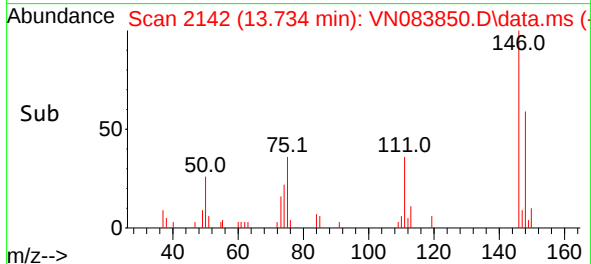
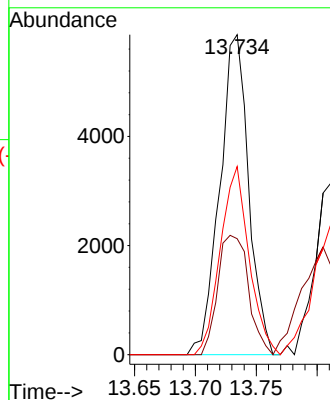
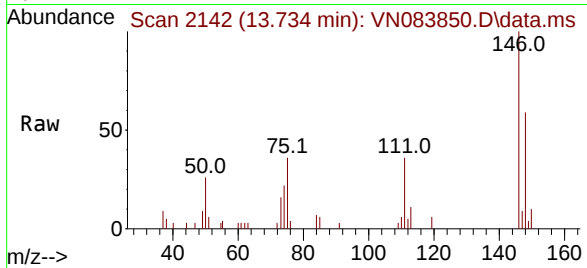




#88
1,4-Dichlorobenzene
Concen: 2.292 ug/l
RT: 13.734 min Scan# 2142
Delta R.T. -0.077 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

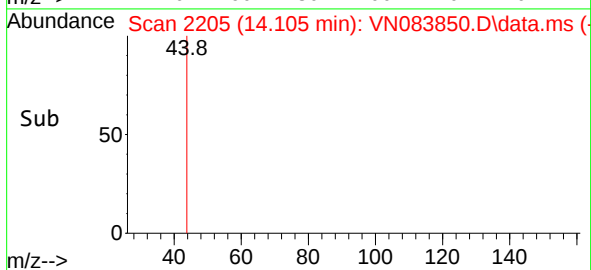
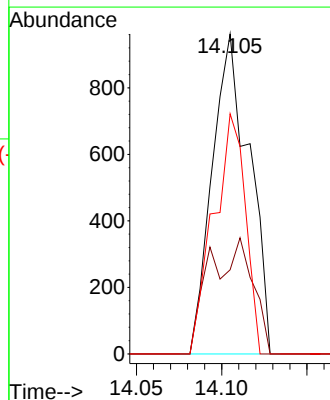
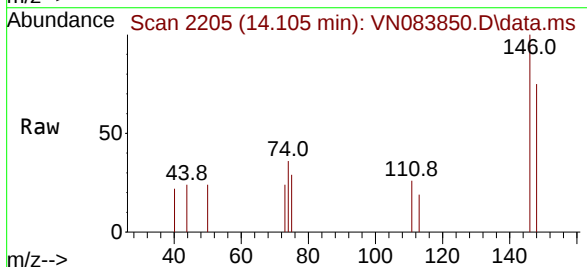
Instrument :
MSVOA_N
ClientSampleId :
IBLK

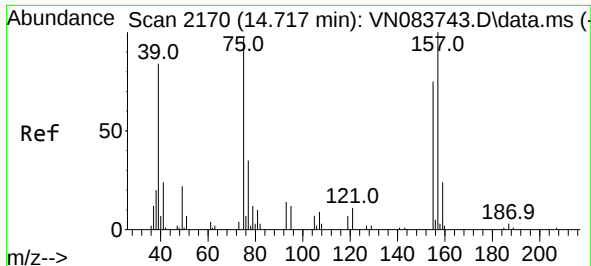
Tgt Ion:146 Resp: 9683
Ion Ratio Lower Upper
146 100
111 39.6 21.3 64.0
148 58.5 32.0 96.2



#91
1,2-Dichlorobenzene
Concen: 0.359 ug/l
RT: 14.105 min Scan# 2205
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion:146 Resp: 1447
Ion Ratio Lower Upper
146 100
111 42.0 22.8 68.3
148 64.8 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.076 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.001 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

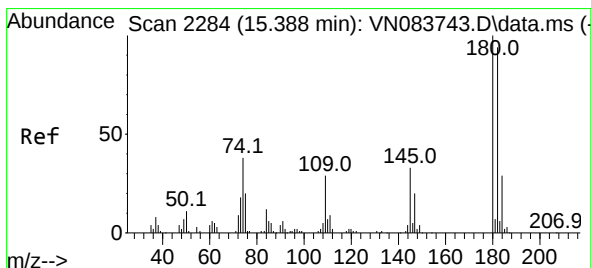
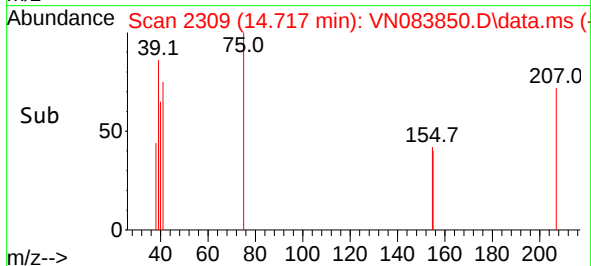
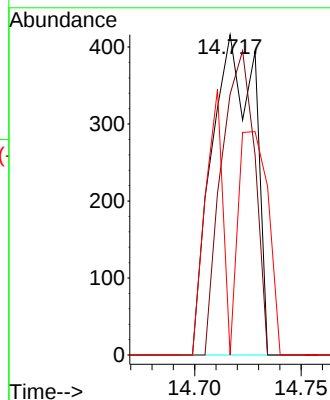
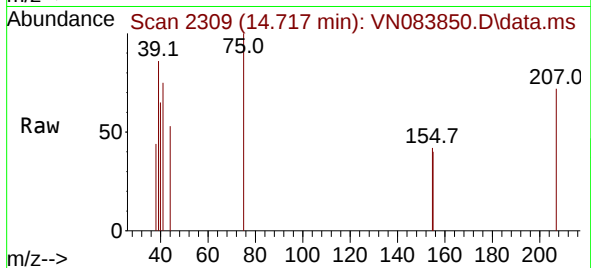
Tgt Ion: 75 Resp: 579

Ion Ratio Lower Upper

75 100

155 73.4 35.9 107.7

157 48.7 47.5 142.5



#93

1,2,4-Trichlorobenzene

Concen: 0.320 ug/l

RT: 15.393 min Scan# 2424

Delta R.T. 0.005 min

Lab File: VN083850.D

Acq: 13 Sep 2024 03:49

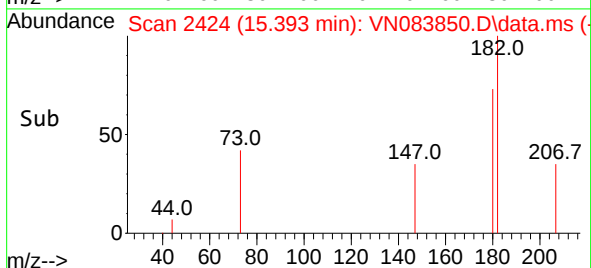
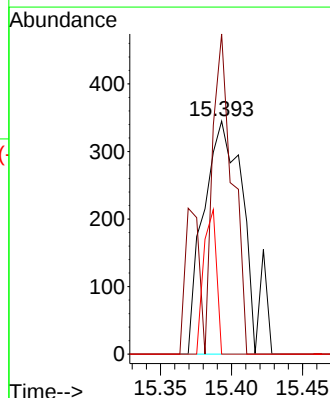
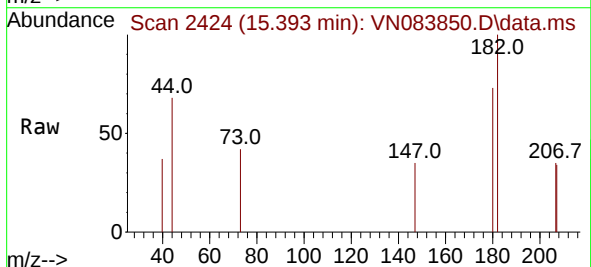
Tgt Ion: 180 Resp: 692

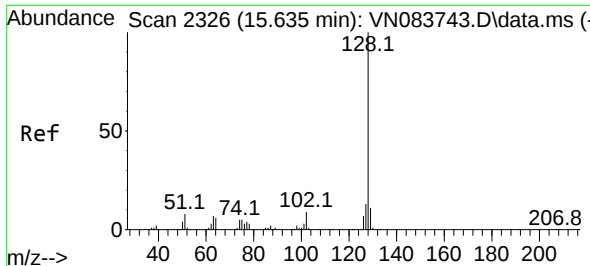
Ion Ratio Lower Upper

180 100

182 88.2 48.1 144.3

145 19.7 16.9 50.7

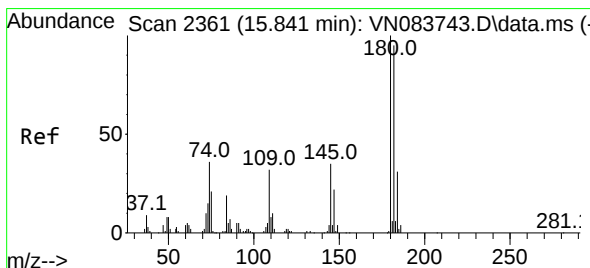
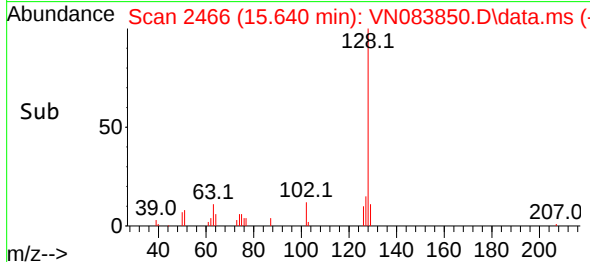
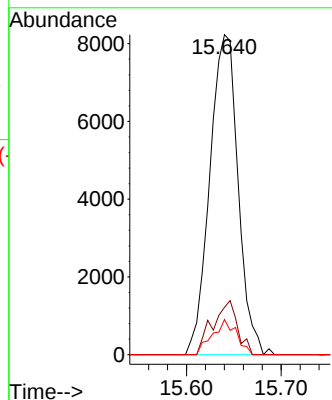
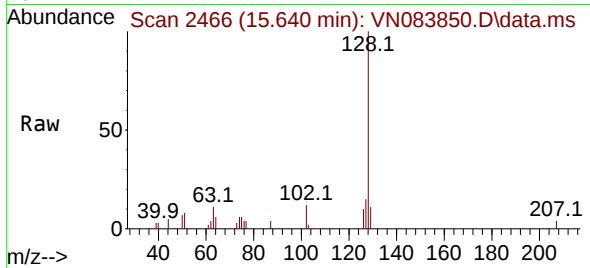




#95
Naphthalene
Concen: 2.605 ug/l
RT: 15.640 min Scan# 2466
Delta R.T. 0.005 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	17127
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.2	15.2
129	9.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.294 ug/l
RT: 15.840 min Scan# 2500
Delta R.T. -0.001 min
Lab File: VN083850.D
Acq: 13 Sep 2024 03:49

Tgt Ion:	180	Resp:	608
Ion Ratio	Lower	Upper	
180	100		
182	57.6	47.1	141.4
145	9.9	17.8	53.5#

