

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074736.D
 Acq On : 04 Nov 2022 14:22
 Operator : VA/SY
 Sample : N5406-05
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-7.5-8.0

Quant Time: Nov 07 00:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

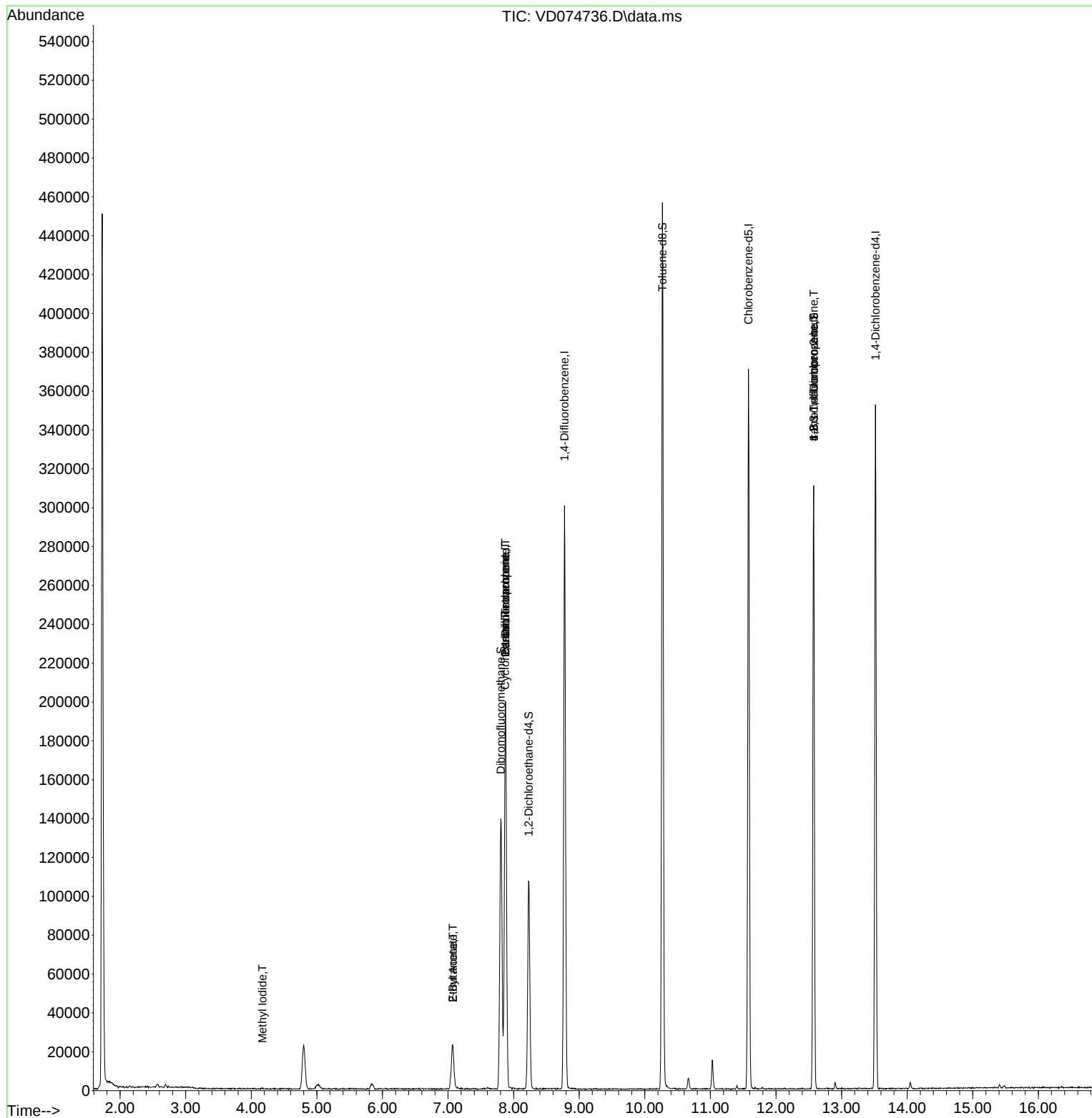
Internal Standards						
1) Pentafluorobenzene	7.875	168	163381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	276190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	230126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84318	65.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.320%	
35) Dibromofluoromethane	7.805	113	103822	63.547	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.100%	
50) Toluene-d8	10.269	98	324724	54.488	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.980%	
62) 4-Bromofluorobenzene	12.575	95	95729	55.633	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.260%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	505	5.756	ug/l #	43
11) Tert butyl alcohol	5.011	59	1535	Below Cal	#	84
20) Methylene Chloride	4.793	84	19652	Below Cal	#	92
25) 2-Butanone	7.075	43	1207	3.251	ug/l #	42
31) Cyclohexane	7.869	56	2863	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	11698	4.717	ug/l #	46
37) Ethyl Acetate	7.075	43	1207	1.459	ug/l #	30
38) Carbon Tetrachloride	7.875	117	15763	6.709	ug/l #	20
76) 1,2,3-Trichloropropane	12.575	75	47046	61.163	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	47046	145.185	ug/l #	17

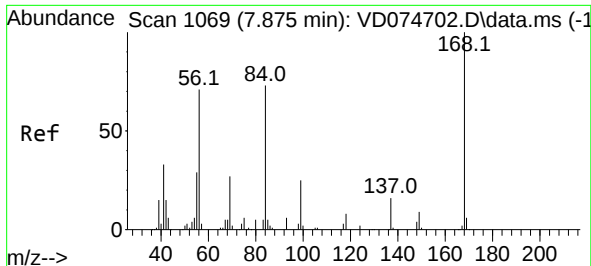
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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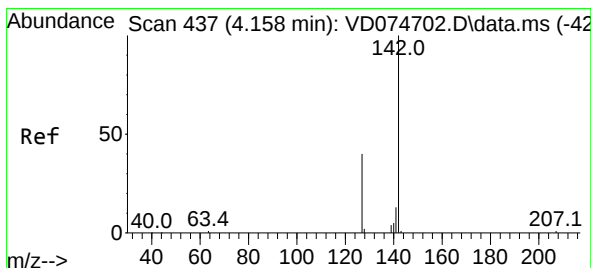
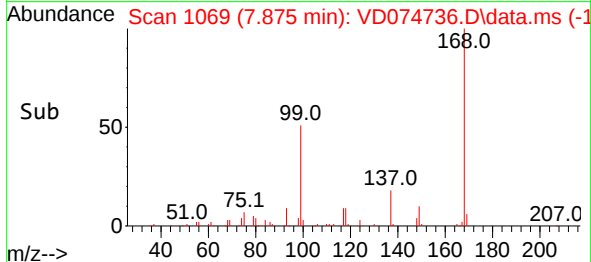
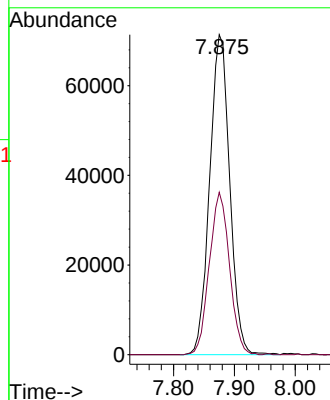
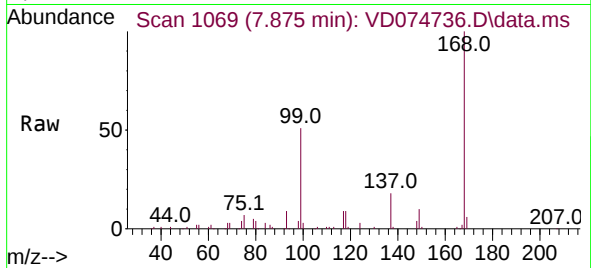




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

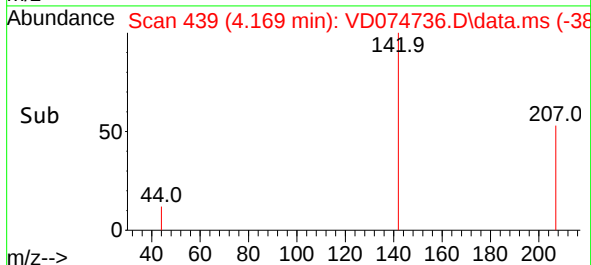
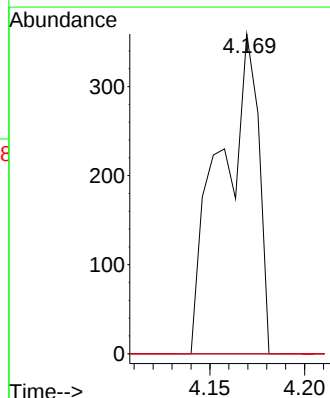
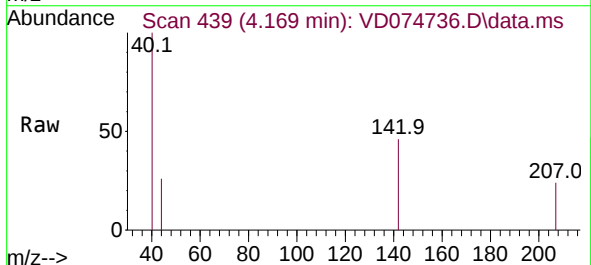
Instrument :
MSVOA_D
ClientSampleId :
SB-03-7.5-8.0

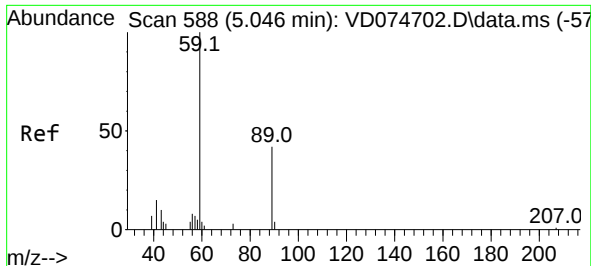
Tgt Ion:168 Resp: 163381
Ion Ratio Lower Upper
168 100
99 50.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.756 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

Tgt Ion:142 Resp: 505
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

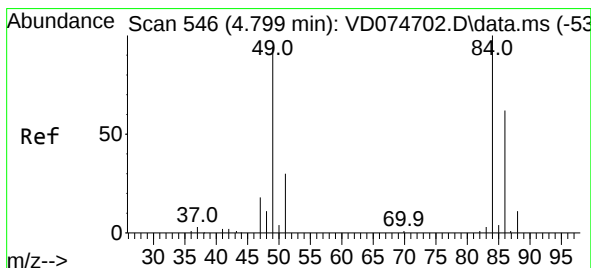
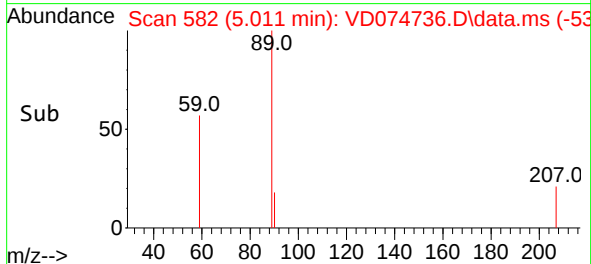
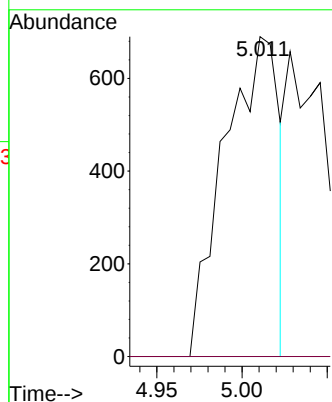
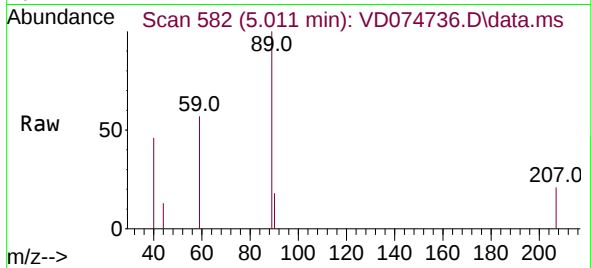




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.011 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

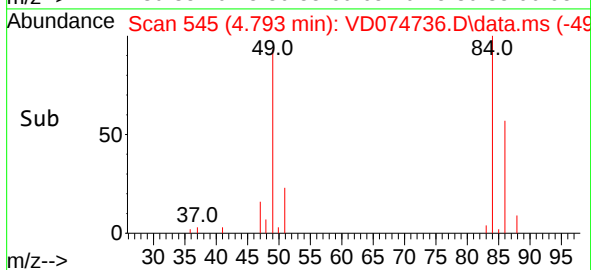
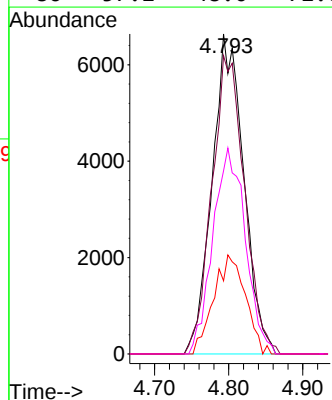
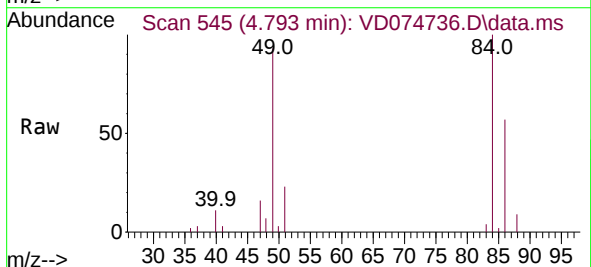
Instrument :
MSVOA_D
ClientSampleId :
SB-03-7.5-8.0

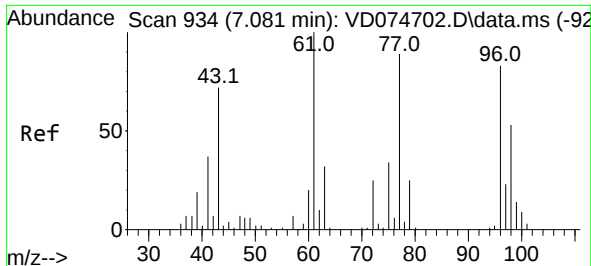
Tgt Ion: 59 Resp: 1535
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

Tgt Ion: 84 Resp: 19652
Ion Ratio Lower Upper
84 100
49 93.2 68.0 102.0
51 22.8 23.2 34.8#
86 57.2 48.0 72.0

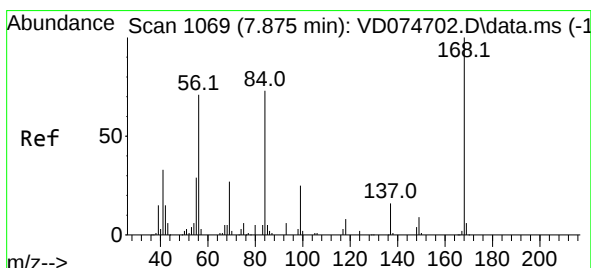
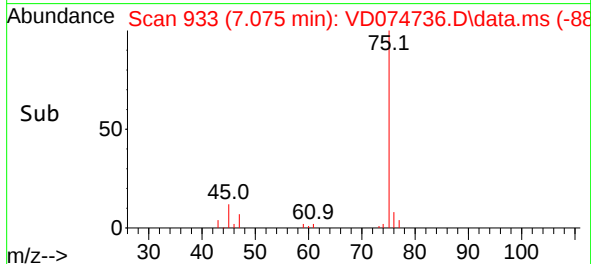
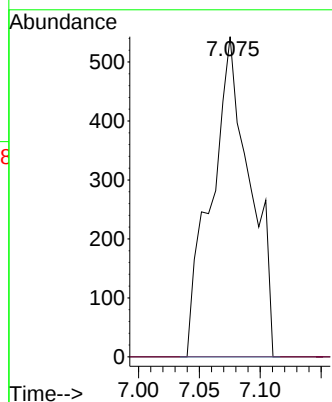
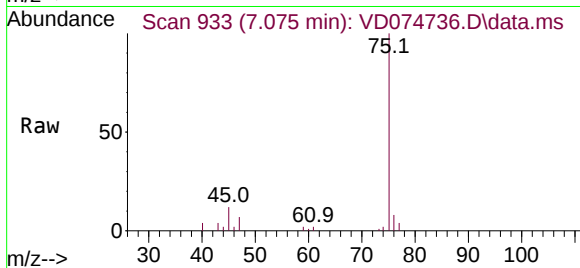




#25
2-Butanone
Concen: 3.251 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

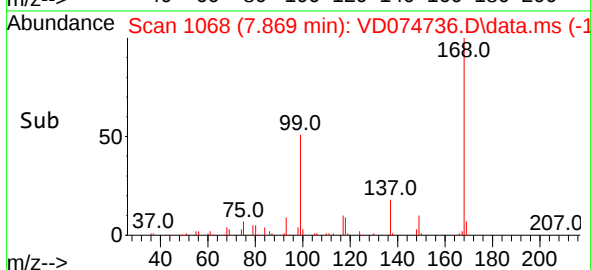
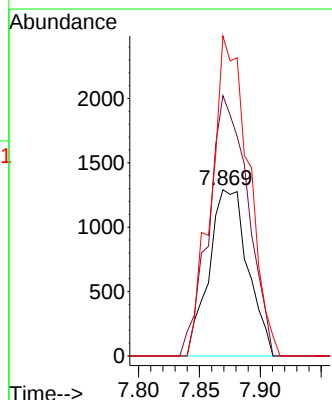
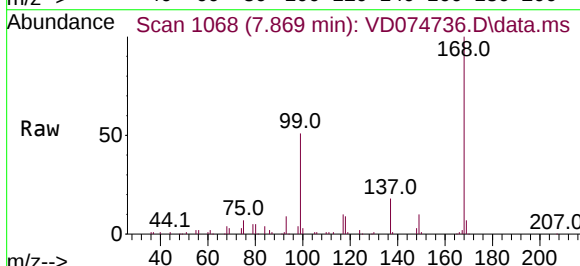
Instrument :
MSVOA_D
ClientSampleId :
SB-03-7.5-8.0

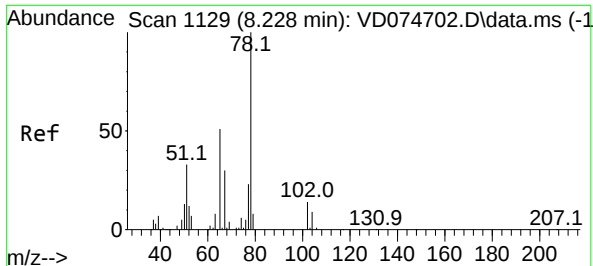
Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

Tgt Ion: 56 Resp: 2863
Ion Ratio Lower Upper
56 100
69 156.6 29.2 43.8#
84 192.6 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 65.160 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074736.D

Acq: 04 Nov 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

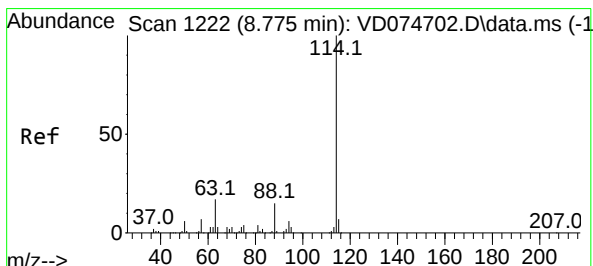
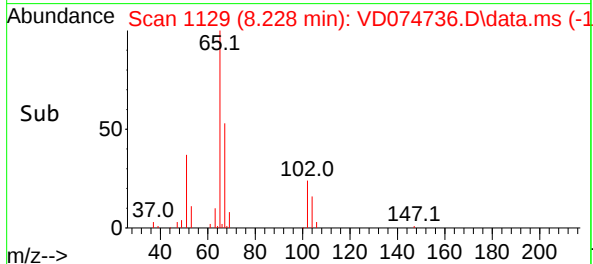
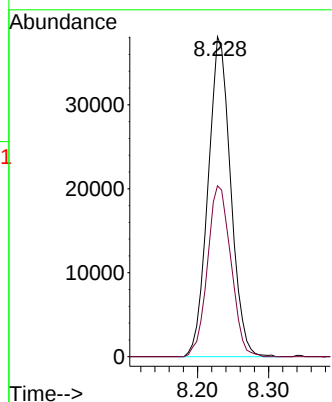
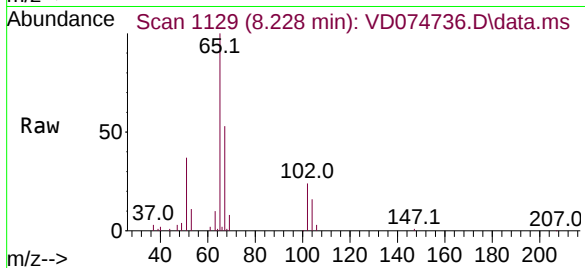
SB-03-7.5-8.0

Tgt Ion: 65 Resp: 84318

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074736.D

Acq: 04 Nov 2022 14:22

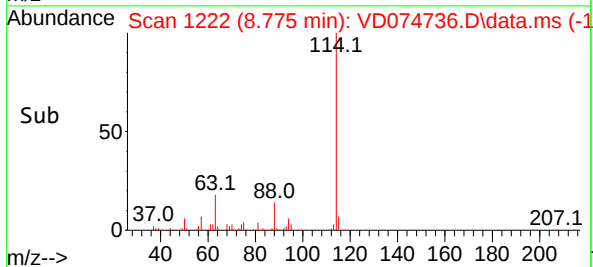
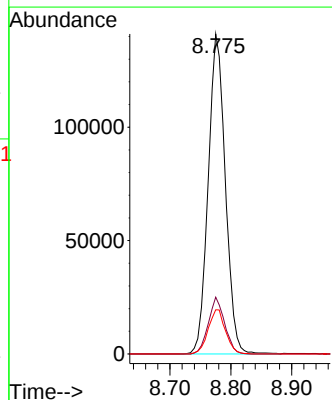
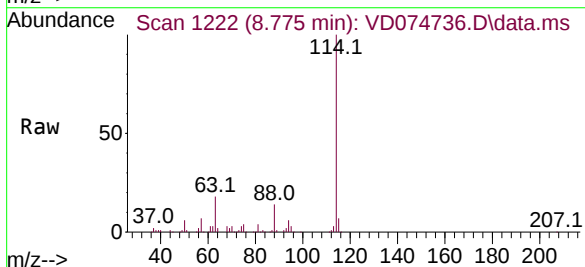
Tgt Ion: 114 Resp: 276190

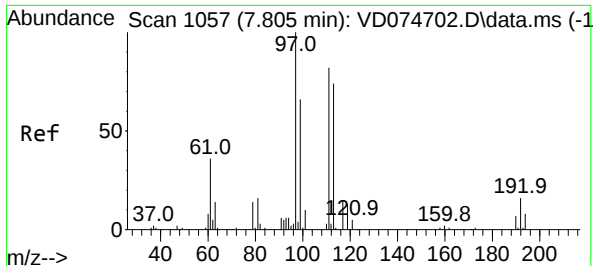
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.2

88 13.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 63.547 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074736.D

Acq: 04 Nov 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

SB-03-7.5-8.0

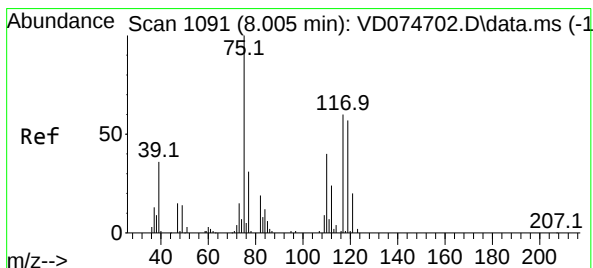
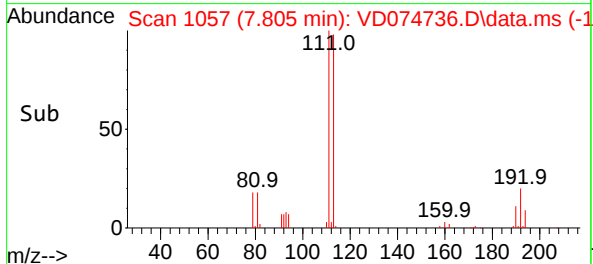
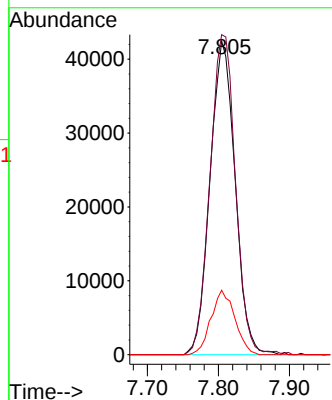
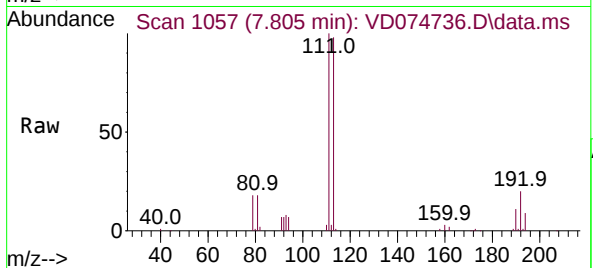
Tgt Ion:113 Resp: 103822

Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

192 19.7 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.717 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074736.D

Acq: 04 Nov 2022 14:22

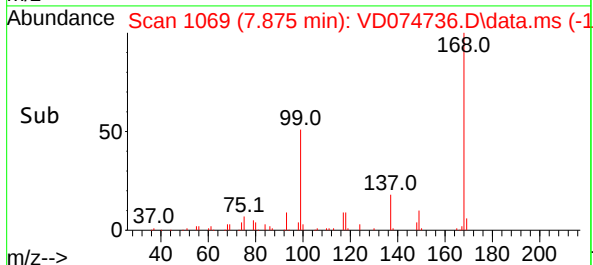
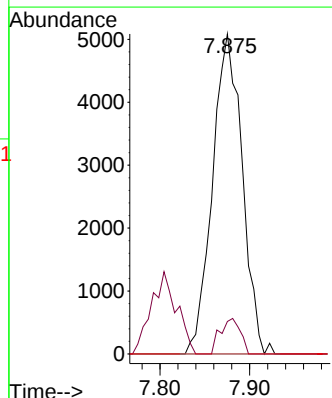
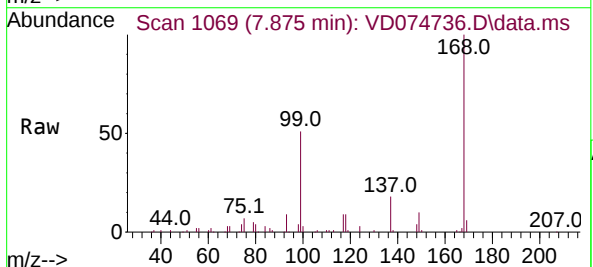
Tgt Ion: 75 Resp: 11698

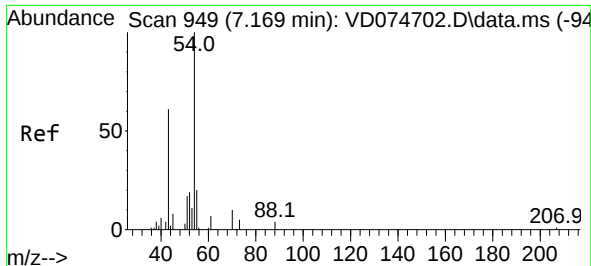
Ion Ratio Lower Upper

75 100

110 7.5 19.7 59.0#

77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.459 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

Lab File: VD074736.D

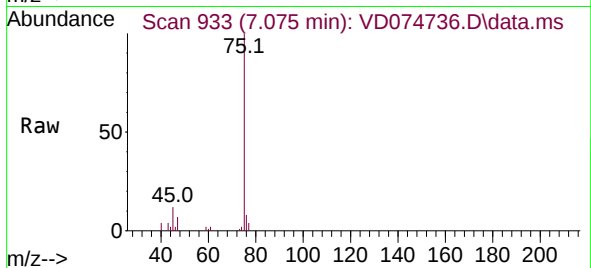
Acq: 04 Nov 2022 14:22

Instrument :

MSVOA_D

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SB-03-7.5-8.0



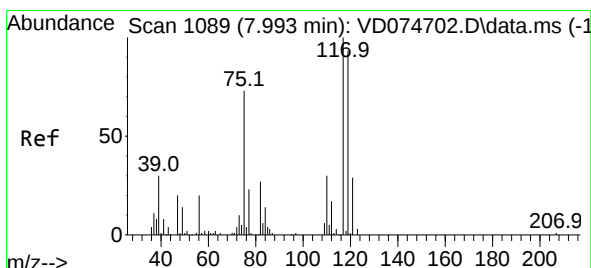
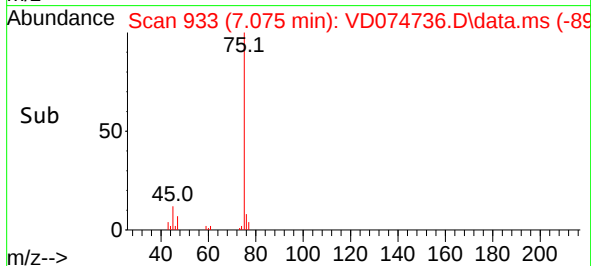
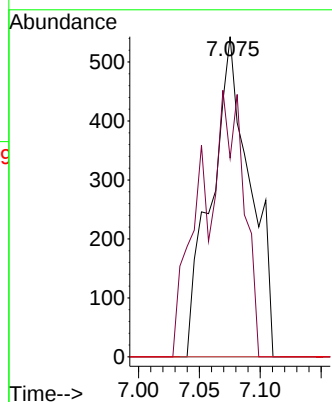
Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

43 100

61 57.3 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.709 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074736.D

Acq: 04 Nov 2022 14:22

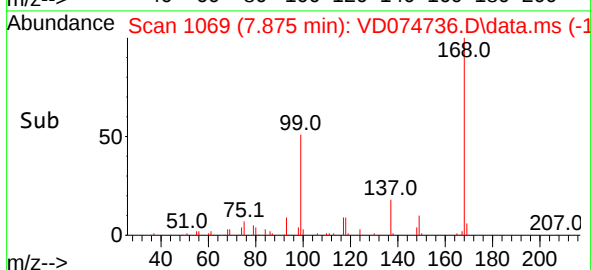
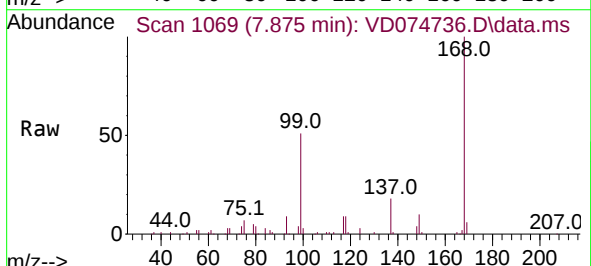
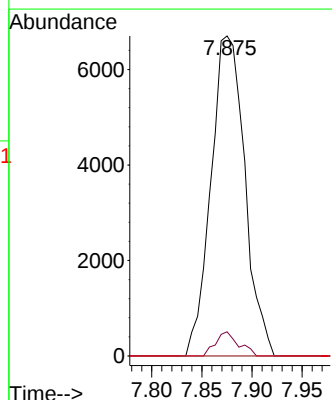
Tgt Ion: 117 Resp: 15763

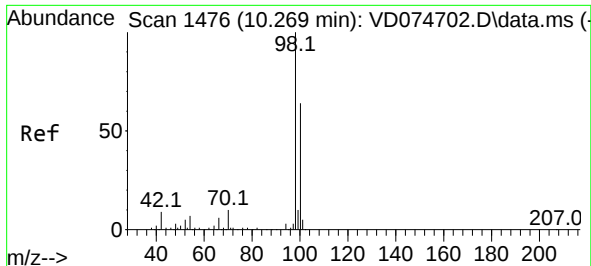
Ion Ratio Lower Upper

117 100

119 7.5 73.1 109.7#

121 0.0 25.0 37.6#

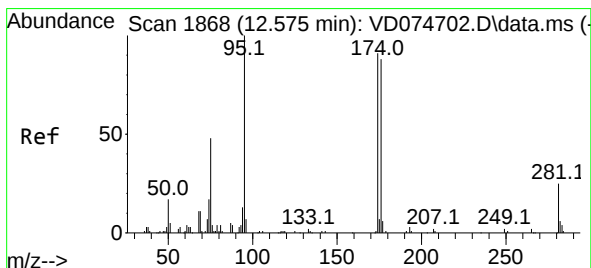
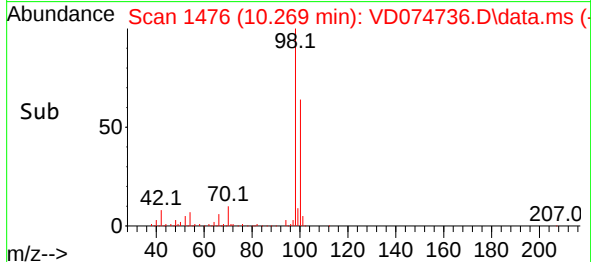
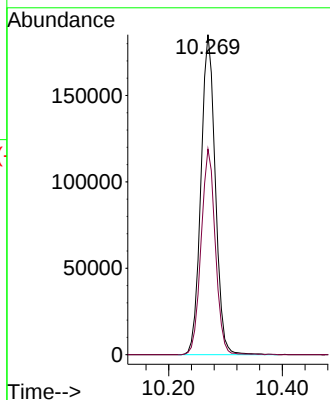
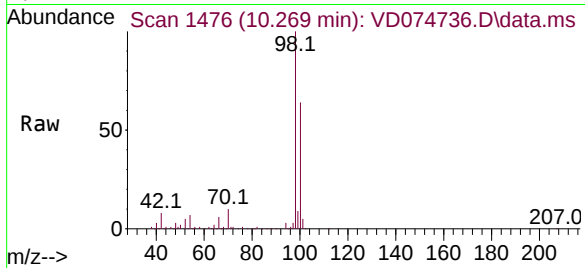




#50
Toluene-d8
Concen: 54.488 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

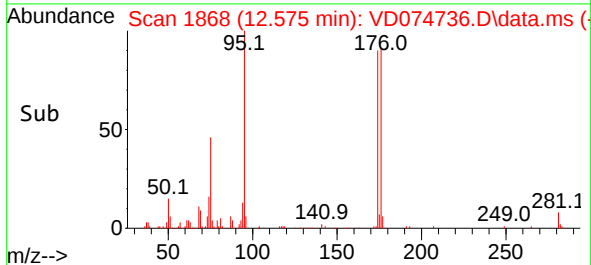
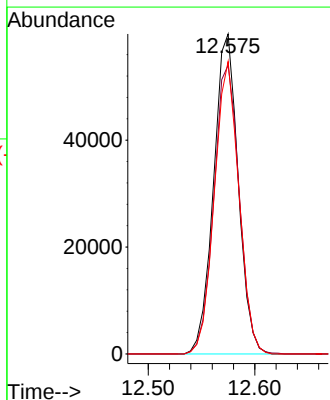
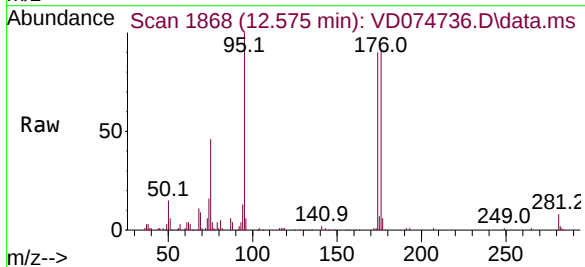
Instrument :
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SB-03-7.5-8.0

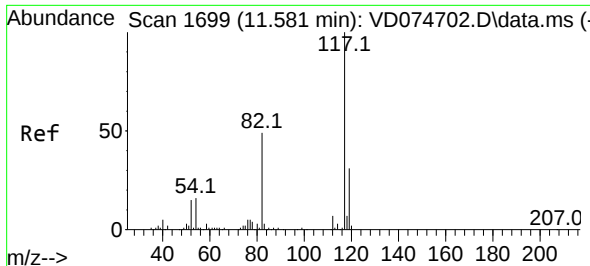
Tgt Ion: 98 Resp: 324724
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.633 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

Tgt Ion: 95 Resp: 95729
Ion Ratio Lower Upper
95 100
174 93.2 0.0 197.0
176 91.1 0.0 182.6

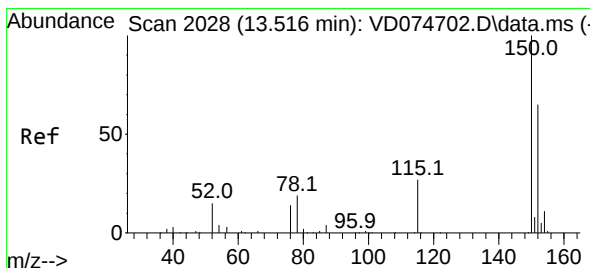
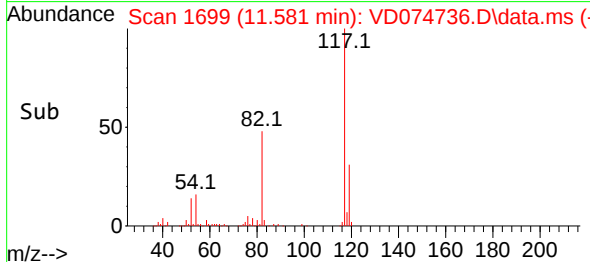
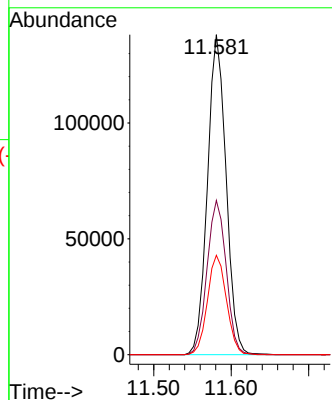
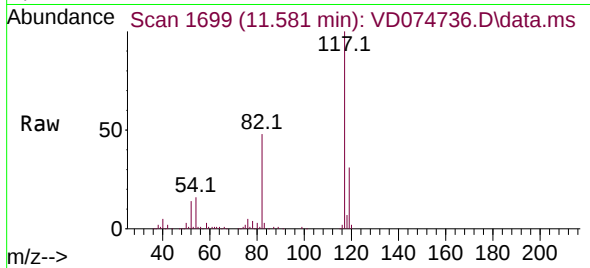




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

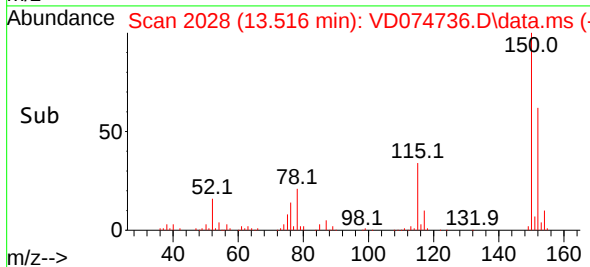
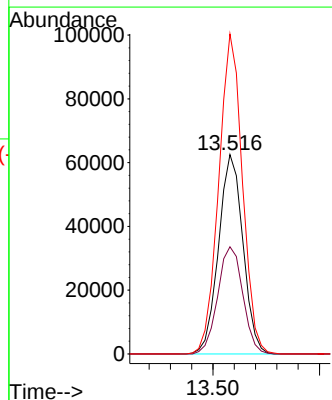
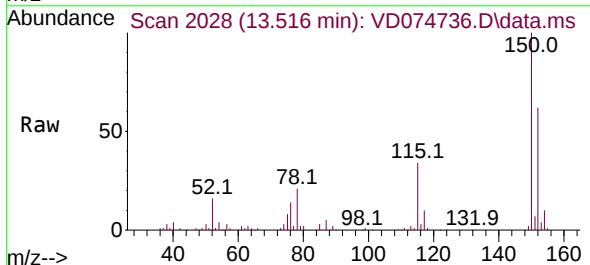
Instrument :
MSVOA_D
ClientSampleId :
SB-03-7.5-8.0

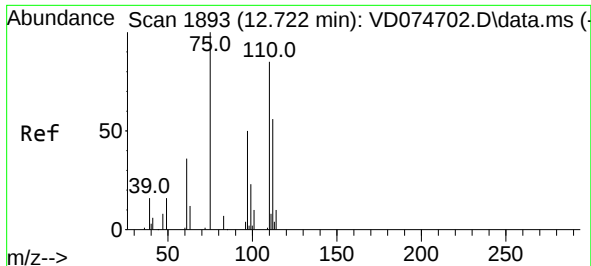
Tgt Ion:117 Resp: 230126
Ion Ratio Lower Upper
117 100
82 48.2 41.6 62.4
119 31.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

Tgt Ion:152 Resp: 99225
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 155.7 0.0 348.2

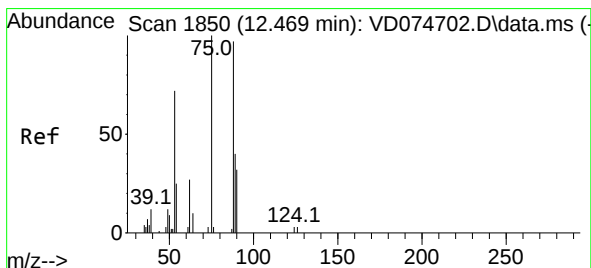
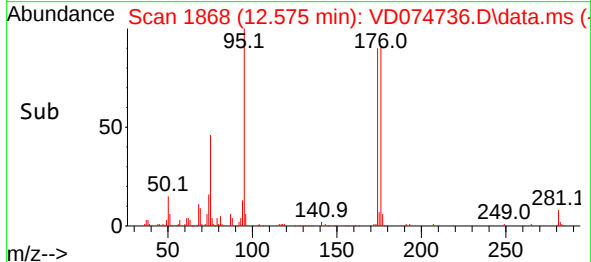
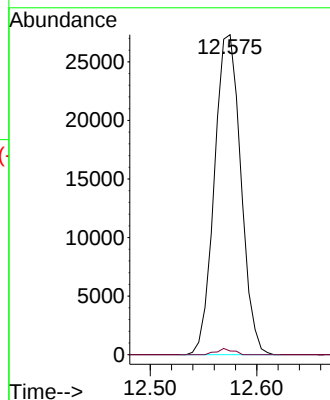
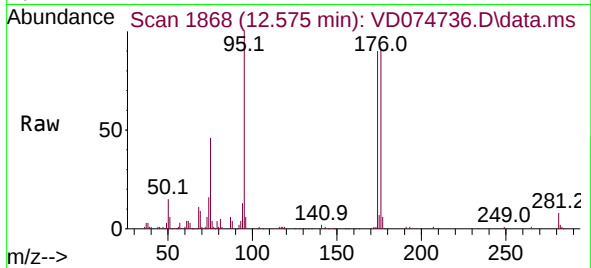




#76
1,2,3-Trichloropropane
Concen: 61.163 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

Instrument :
MSVOA_D
ClientSampleId :
SB-03-7.5-8.0

Tgt Ion: 75 Resp: 47046
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.185 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074736.D
Acq: 04 Nov 2022 14:22

Tgt Ion: 75 Resp: 47046
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

