

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074734.D
 Acq On : 04 Nov 2022 13:26
 Operator : VA/SY
 Sample : N5406-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-7.5-8.0

Quant Time: Nov 07 00:26:23 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)

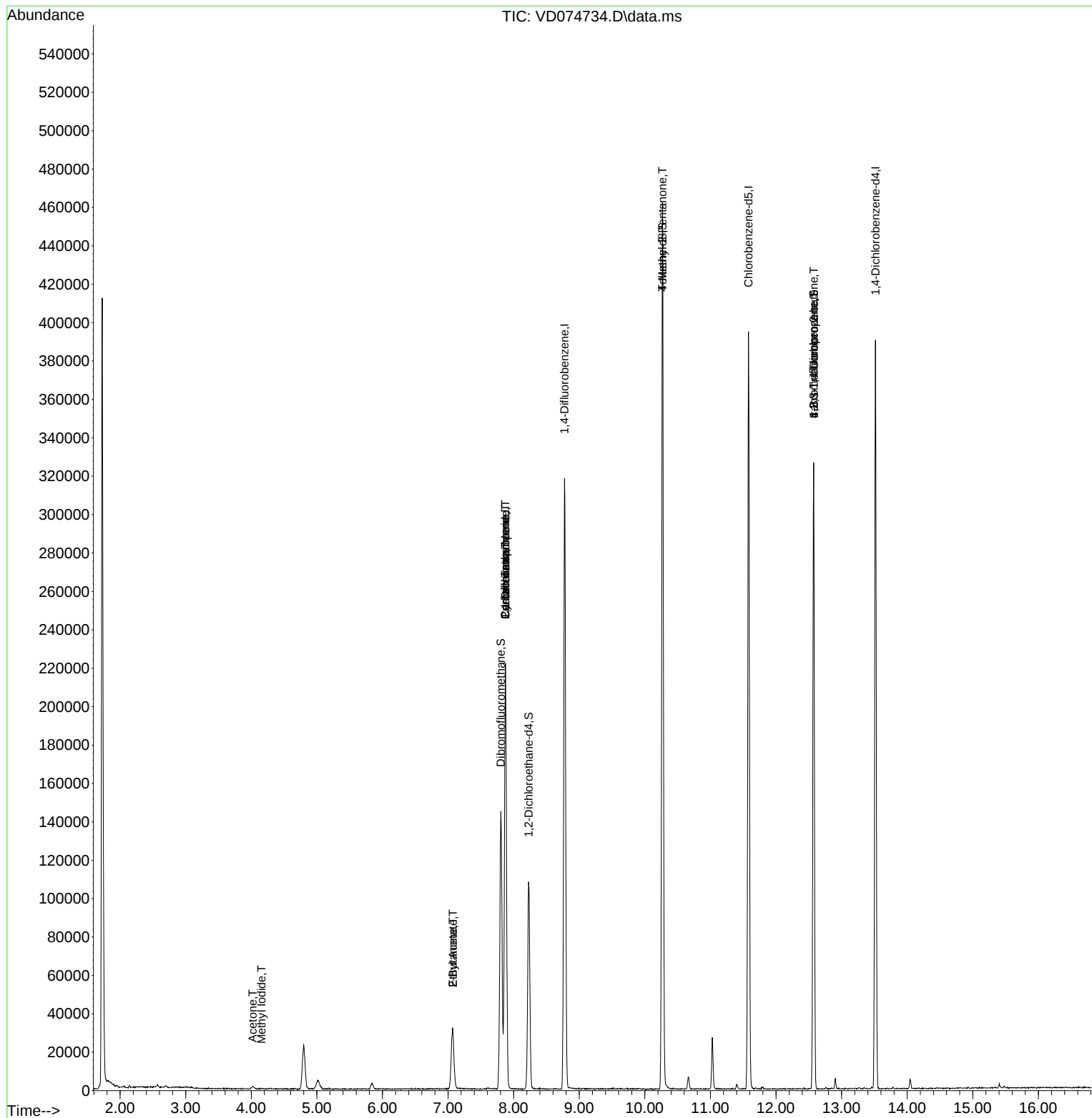
Internal Standards						
1) Pentafluorobenzene	7.875	168	178113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	304072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85313	60.476	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.960%			
35) Dibromofluoromethane	7.804	113	105770	58.803	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.600%			
50) Toluene-d8	10.269	98	325449	49.602	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.575	95	97855	51.654	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.300%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	544	5.754	ug/l #	55
11) Tert butyl alcohol	4.999	59	2378	Below Cal	#	84
16) Acetone	4.022	43	2230	7.575	ug/l #	84
20) Methylene Chloride	4.805	84	19736	Below Cal		95
25) 2-Butanone	7.075	43	1510	3.731	ug/l #	42
31) Cyclohexane	7.875	56	3252	1.139	ug/l #	16
36) 1,1-Dichloropropene	7.875	75	12561	4.601	ug/l #	46
37) Ethyl Acetate	7.075	43	1510	1.658	ug/l #	36
38) Carbon Tetrachloride	7.875	117	16733	6.469	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	934	1.137	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	49004	56.784	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	49004	134.791	ug/l #	17

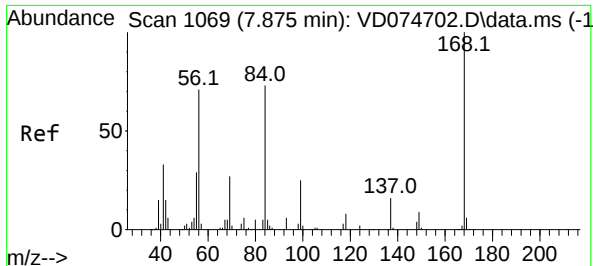
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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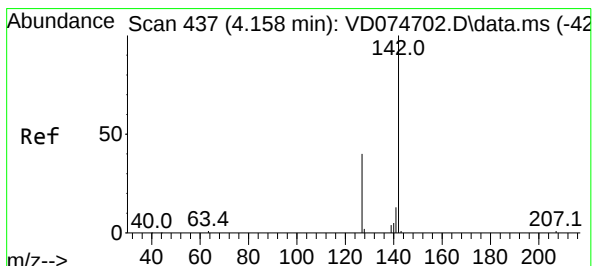
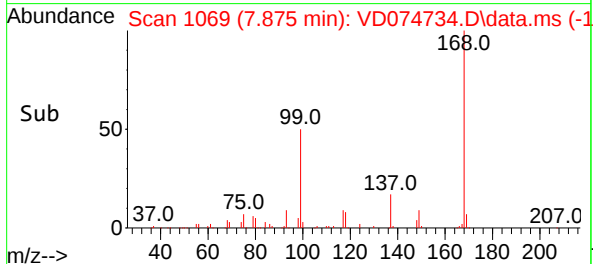
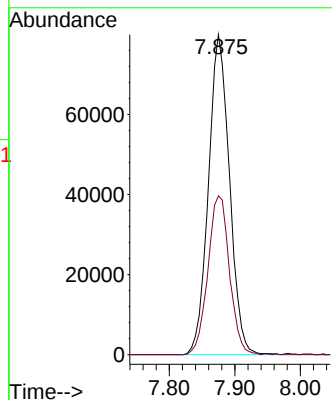
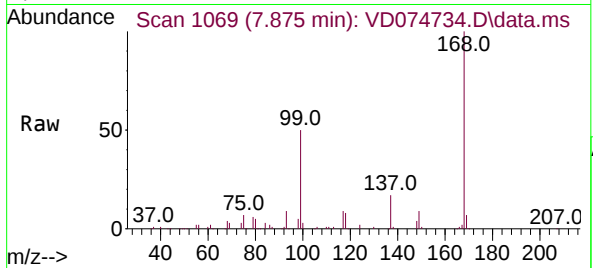




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

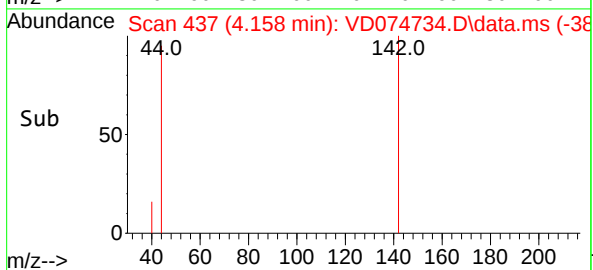
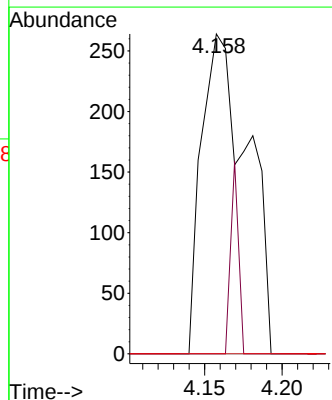
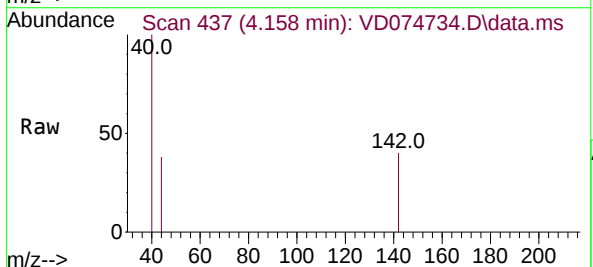
Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

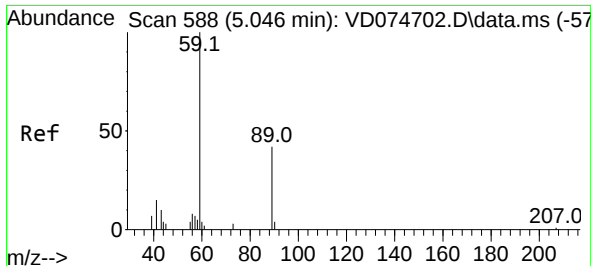
Tgt Ion:168 Resp: 178113
Ion Ratio Lower Upper
168 100
99 49.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.754 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Tgt Ion:142 Resp: 544
Ion Ratio Lower Upper
142 100
127 10.3 31.9 47.9#
141 0.0 11.4 17.2#

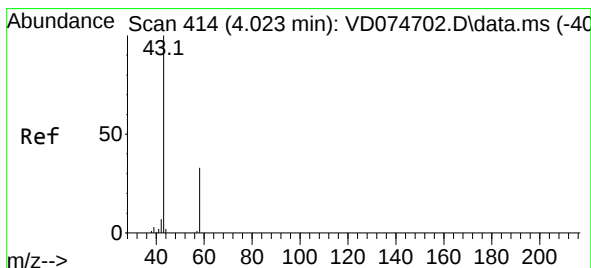
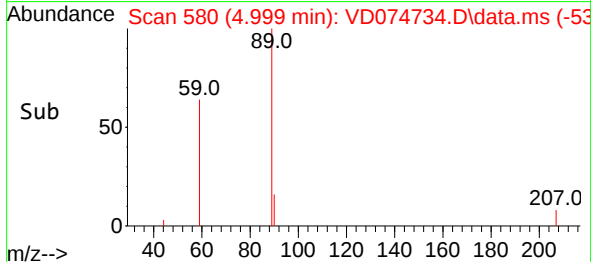
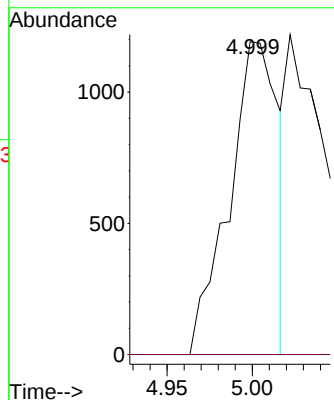
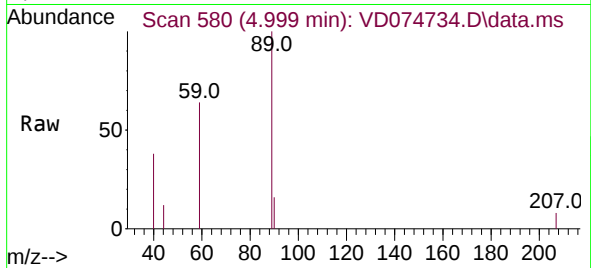




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.999 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

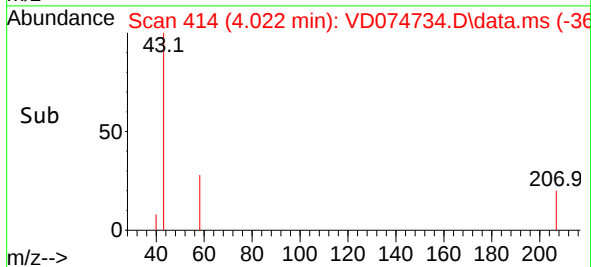
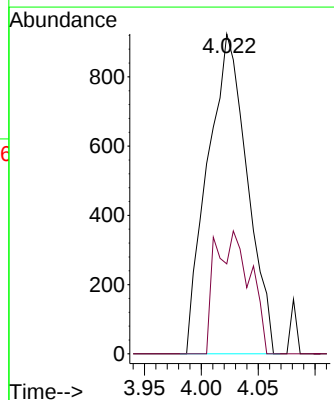
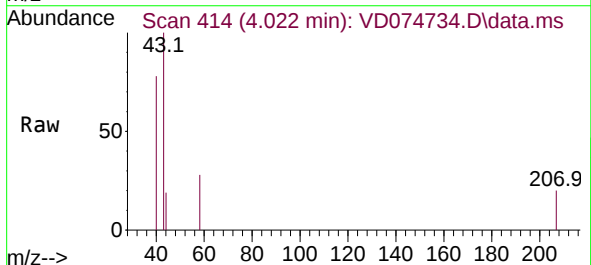
Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

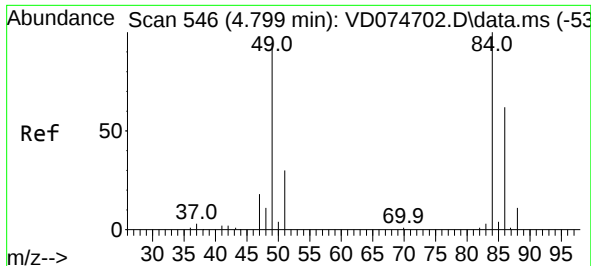
Tgt Ion: 59 Resp: 2378
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 7.575 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
58 28.1 30.2 45.2#

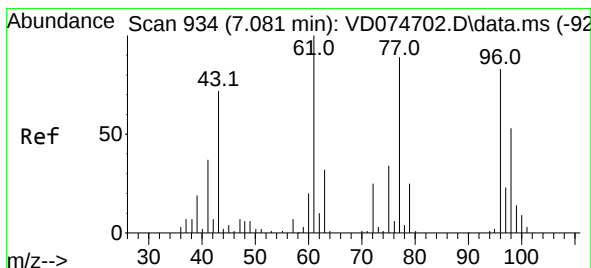
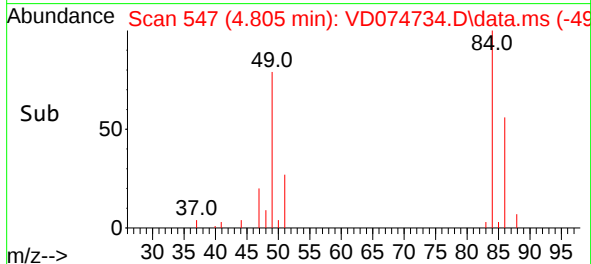
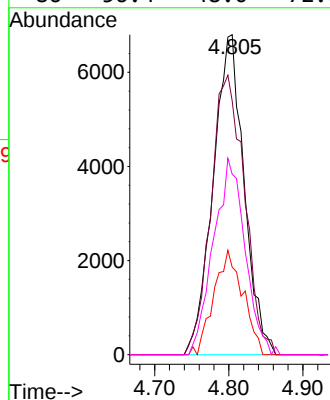
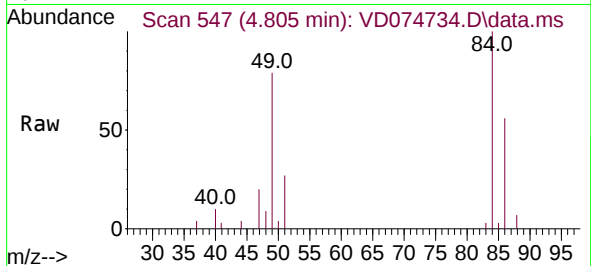




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

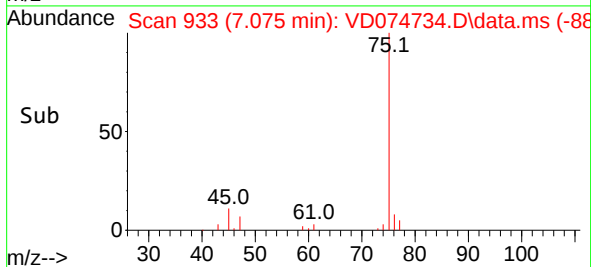
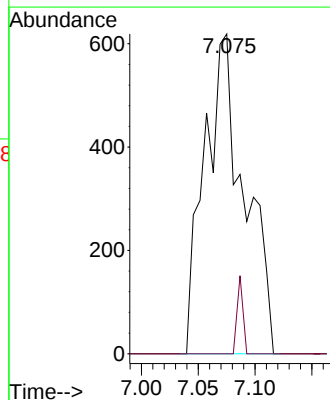
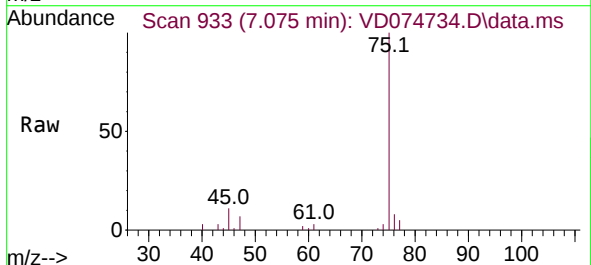
Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

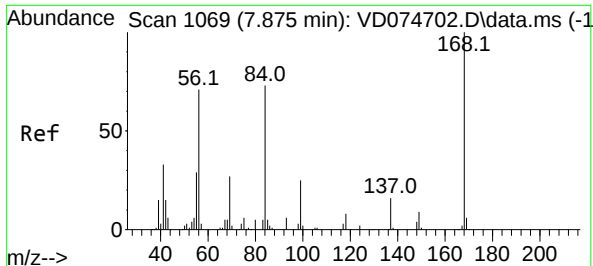
Tgt Ion: 84	Resp: 19736
Ion Ratio	Lower Upper
84 100	
49 79.3	68.0 102.0
51 27.4	23.2 34.8
86 56.4	48.0 72.0



#25
2-Butanone
Concen: 3.731 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

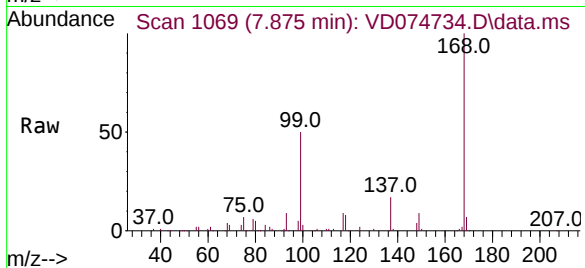
Tgt Ion: 43	Resp: 1510
Ion Ratio	Lower Upper
43 100	
72 0.0	25.8 38.8#



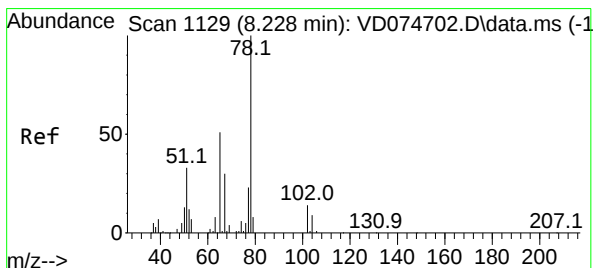
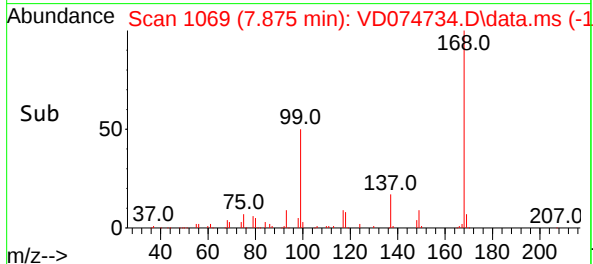
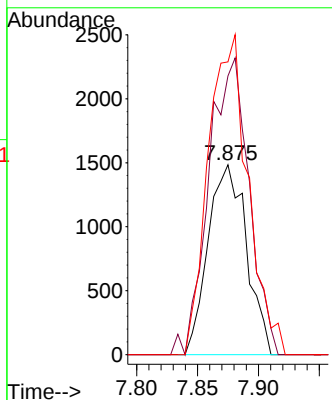


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

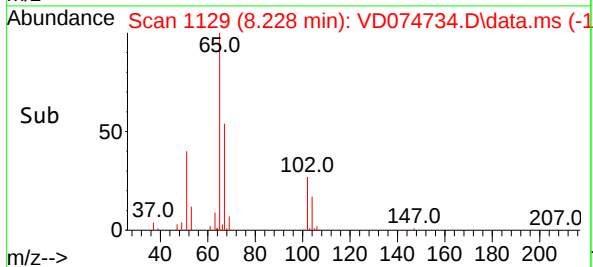
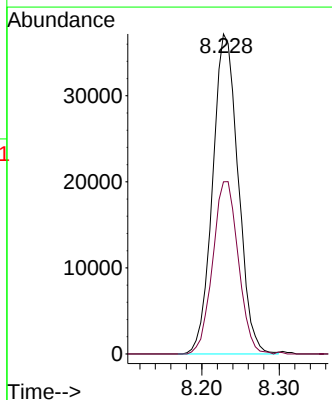
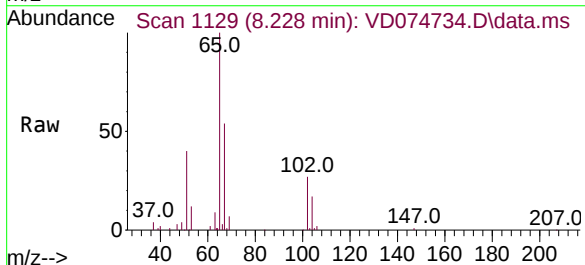


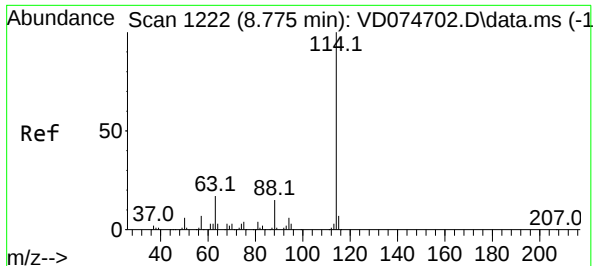
Tgt Ion: 56 Resp: 3252
Ion Ratio Lower Upper
56 100
69 146.7 29.2 43.8#
84 154.1 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 60.476 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Tgt Ion: 65 Resp: 85313
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074734.D

Acq: 04 Nov 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

SB-01-7.5-8.0

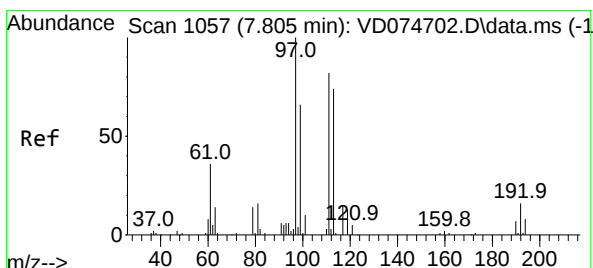
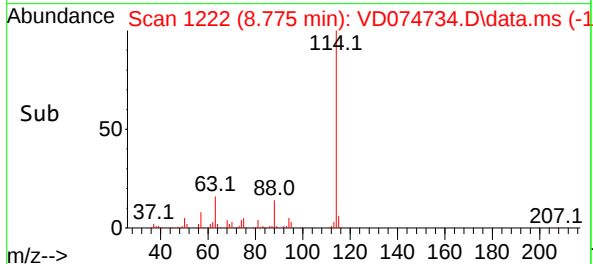
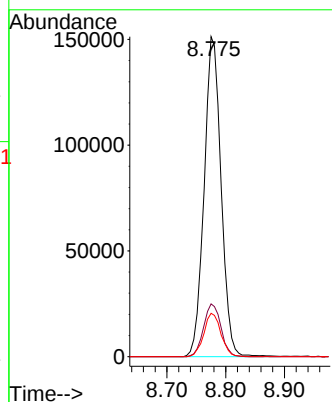
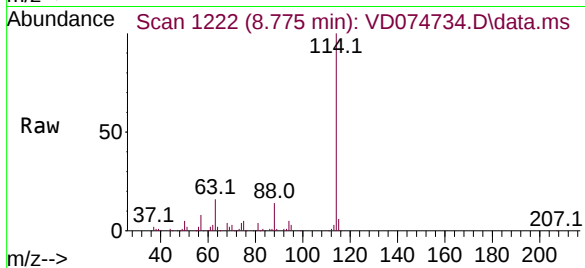
Tgt Ion:114 Resp: 304072

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.803 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074734.D

Acq: 04 Nov 2022 13:26

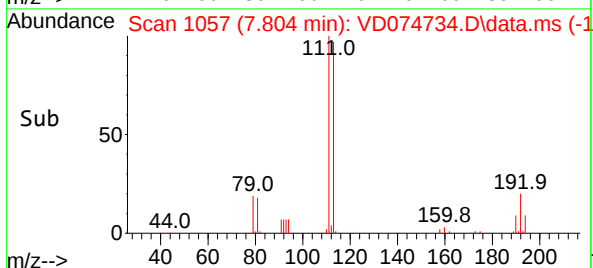
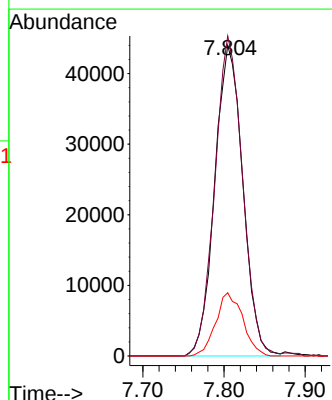
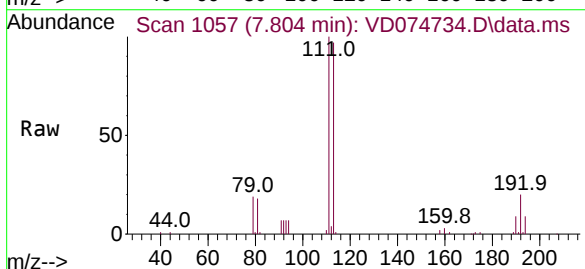
Tgt Ion:113 Resp: 105770

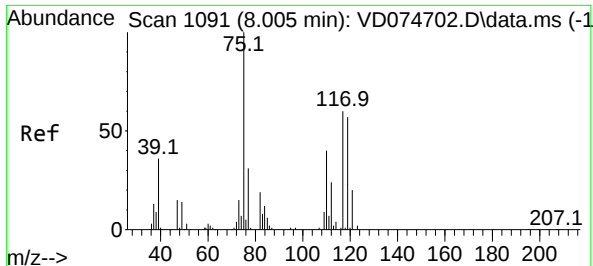
Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 19.6 16.4 24.6

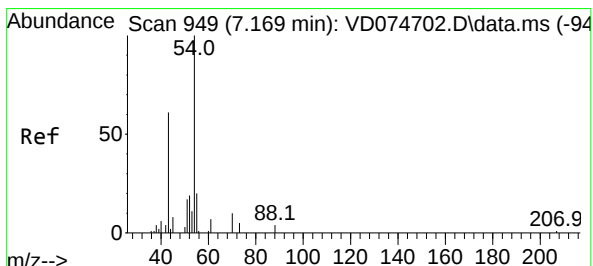
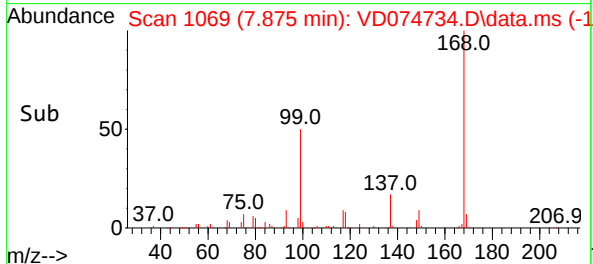
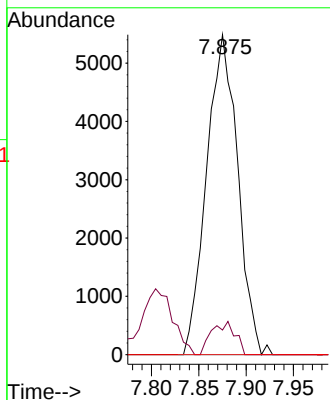
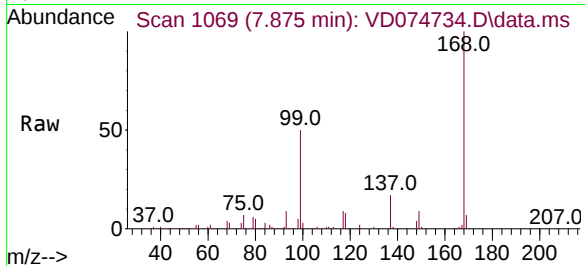




#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.130 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

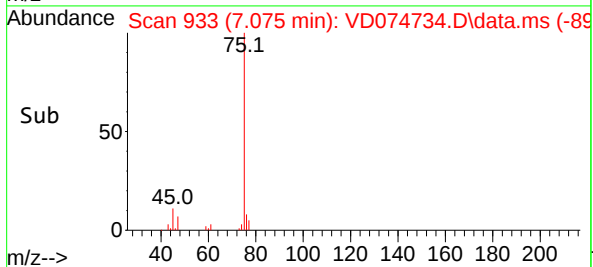
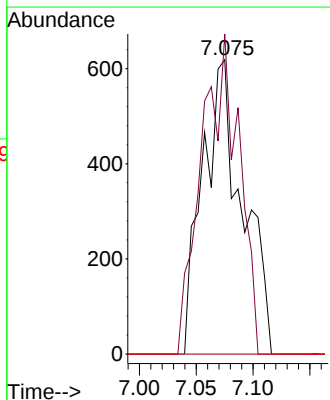
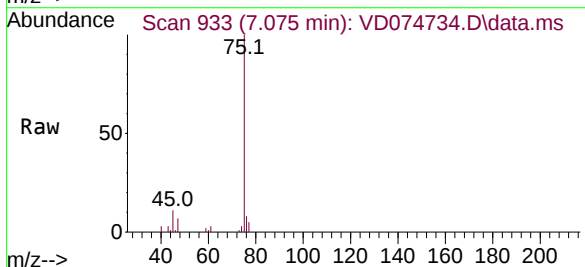
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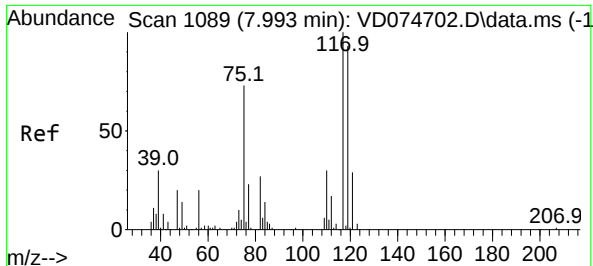
Tgt Ion: 75 Resp: 12561
Ion Ratio Lower Upper
75 100
110 7.9 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.658 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
61 53.0 12.2 18.4#
70 0.0 9.6 14.4#

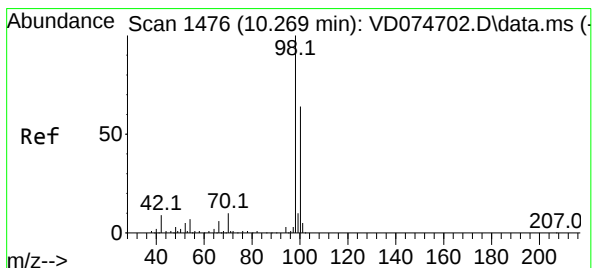
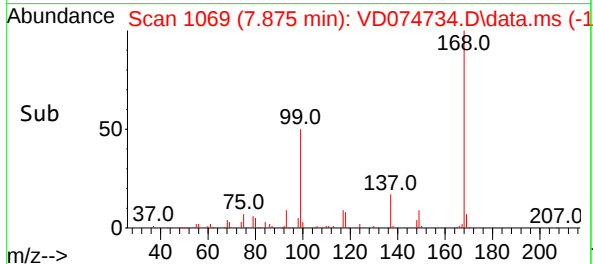
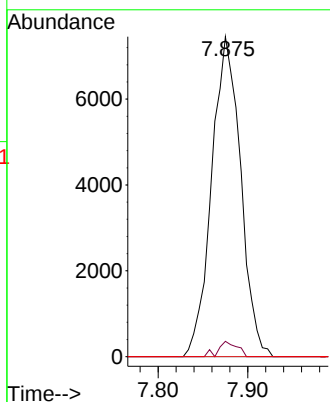
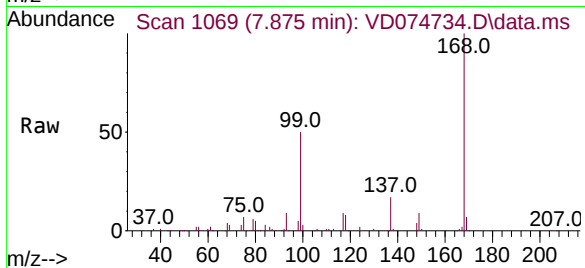




#38
Carbon Tetrachloride
Concen: 6.469 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

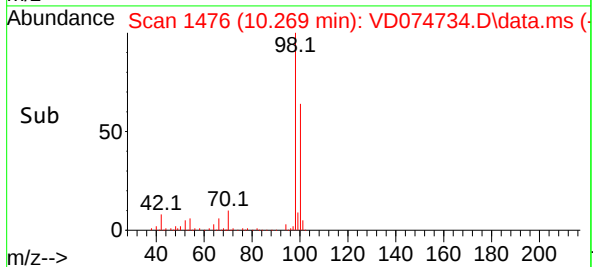
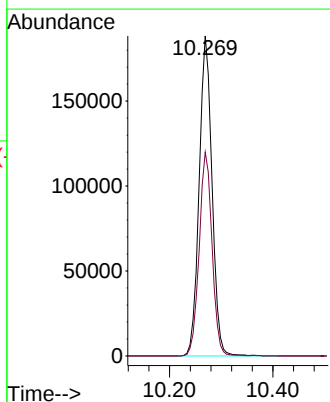
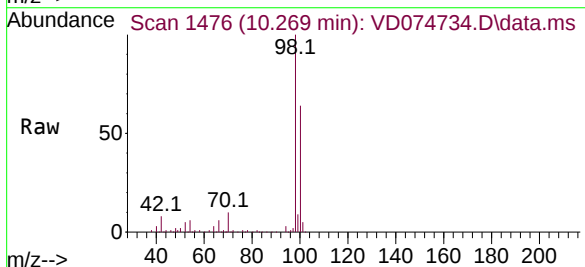
Instrument :
MSVOA_D
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SB-01-7.5-8.0

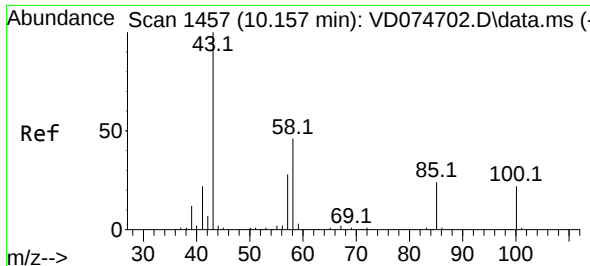
Tgt Ion:117 Resp: 16733
Ion Ratio Lower Upper
117 100
119 4.8 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Tgt Ion: 98 Resp: 325449
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.137 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074734.D

Acq: 04 Nov 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

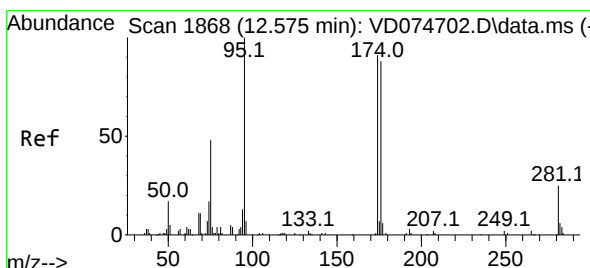
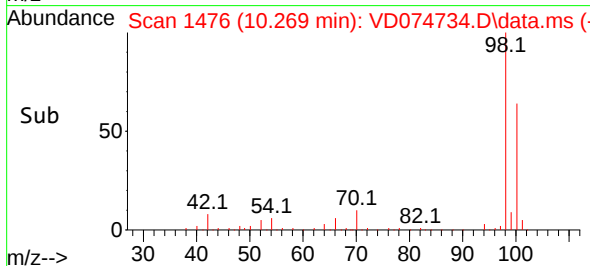
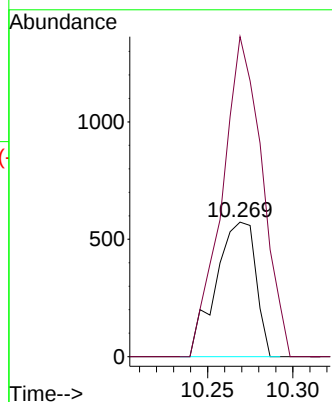
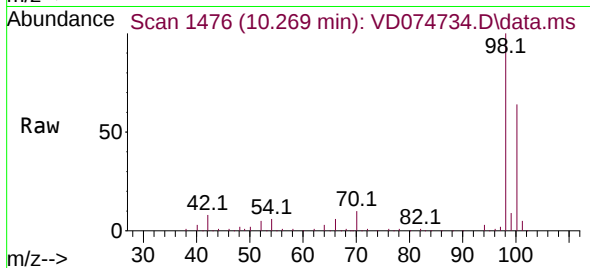
SB-01-7.5-8.0

Tgt Ion: 43 Resp: 934

Ion Ratio Lower Upper

43 100

58 239.0 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 51.654 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD074734.D

Acq: 04 Nov 2022 13:26

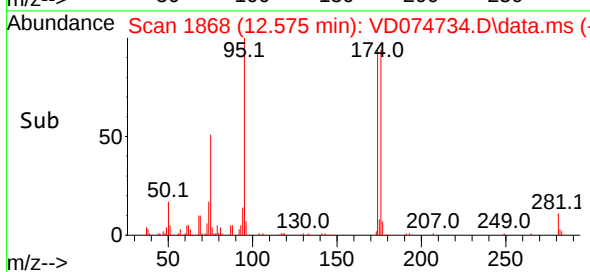
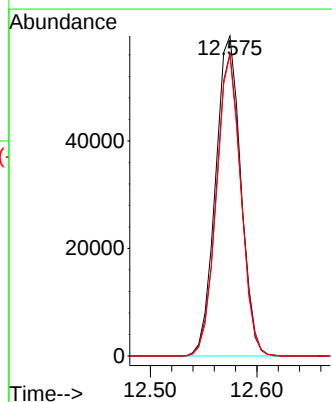
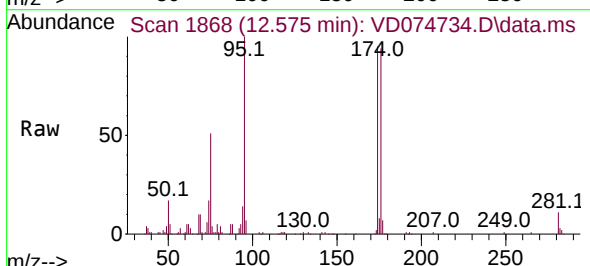
Tgt Ion: 95 Resp: 97855

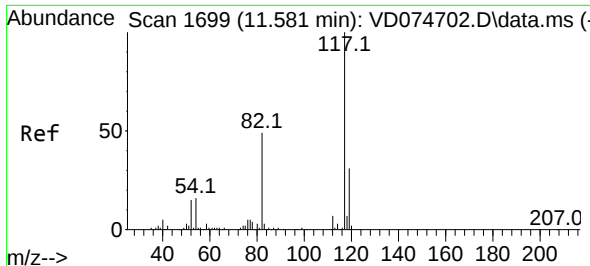
Ion Ratio Lower Upper

95 100

174 92.6 0.0 197.0

176 90.3 0.0 182.6

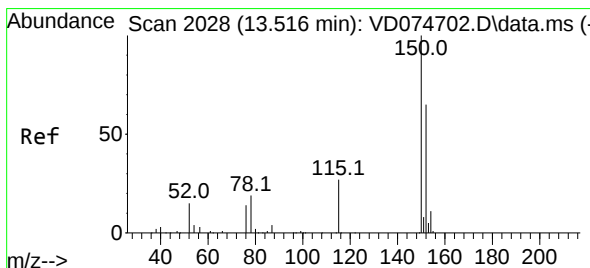
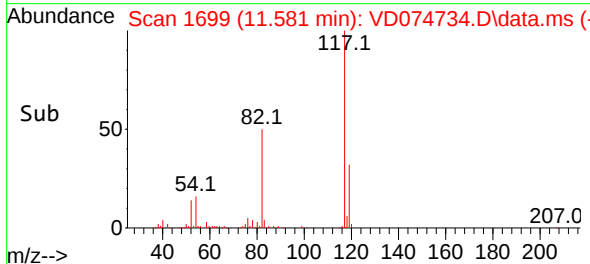
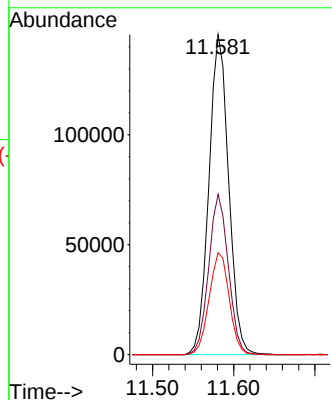
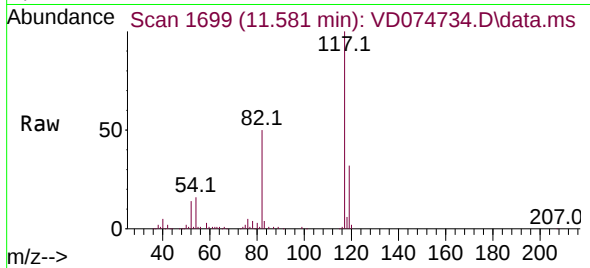




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

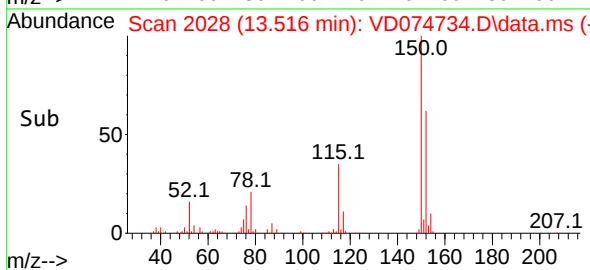
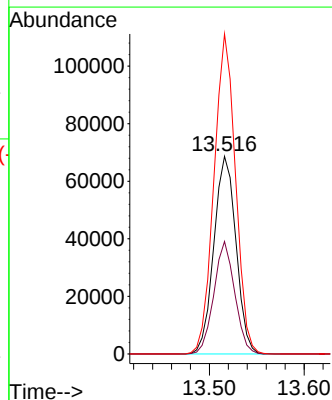
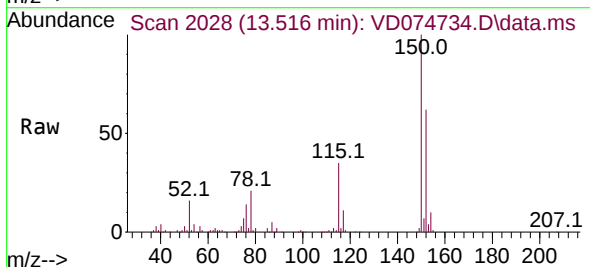
Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

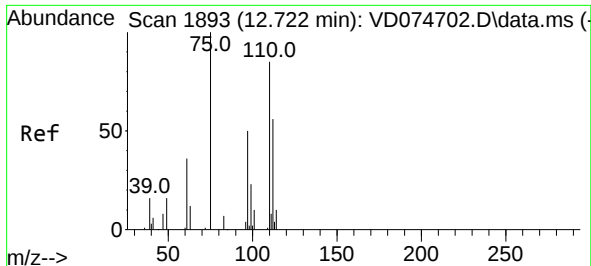
Tgt Ion:117 Resp: 245234
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Tgt Ion:152 Resp: 111324
Ion Ratio Lower Upper
152 100
115 53.6 26.8 80.4
150 157.5 0.0 348.2

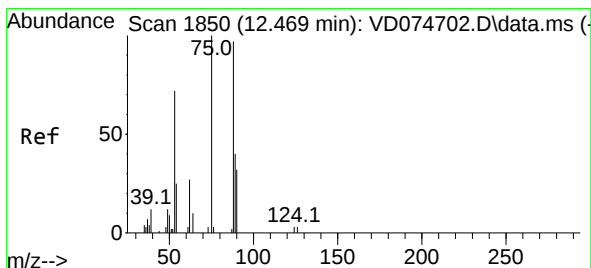
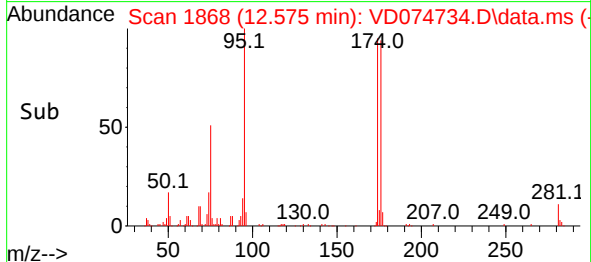
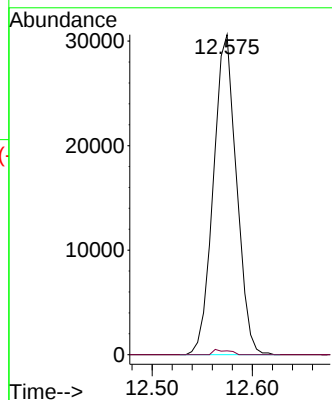
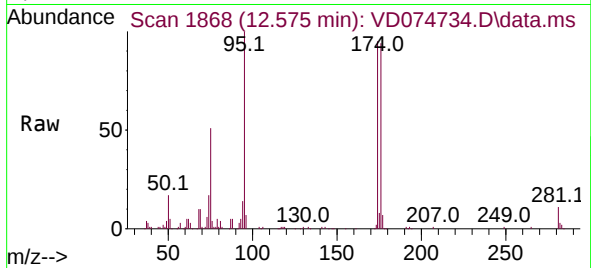




#76
1,2,3-Trichloropropane
Concen: 56.784 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

Tgt Ion: 75 Resp: 49004
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.791 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074734.D
Acq: 04 Nov 2022 13:26

Tgt Ion: 75 Resp: 49004
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

