

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074502.D
 Acq On : 10 Oct 2022 15:00
 Operator : VA/SY
 Sample : N5058-06
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW5-GW-843-845

Quant Time: Oct 11 08:21:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

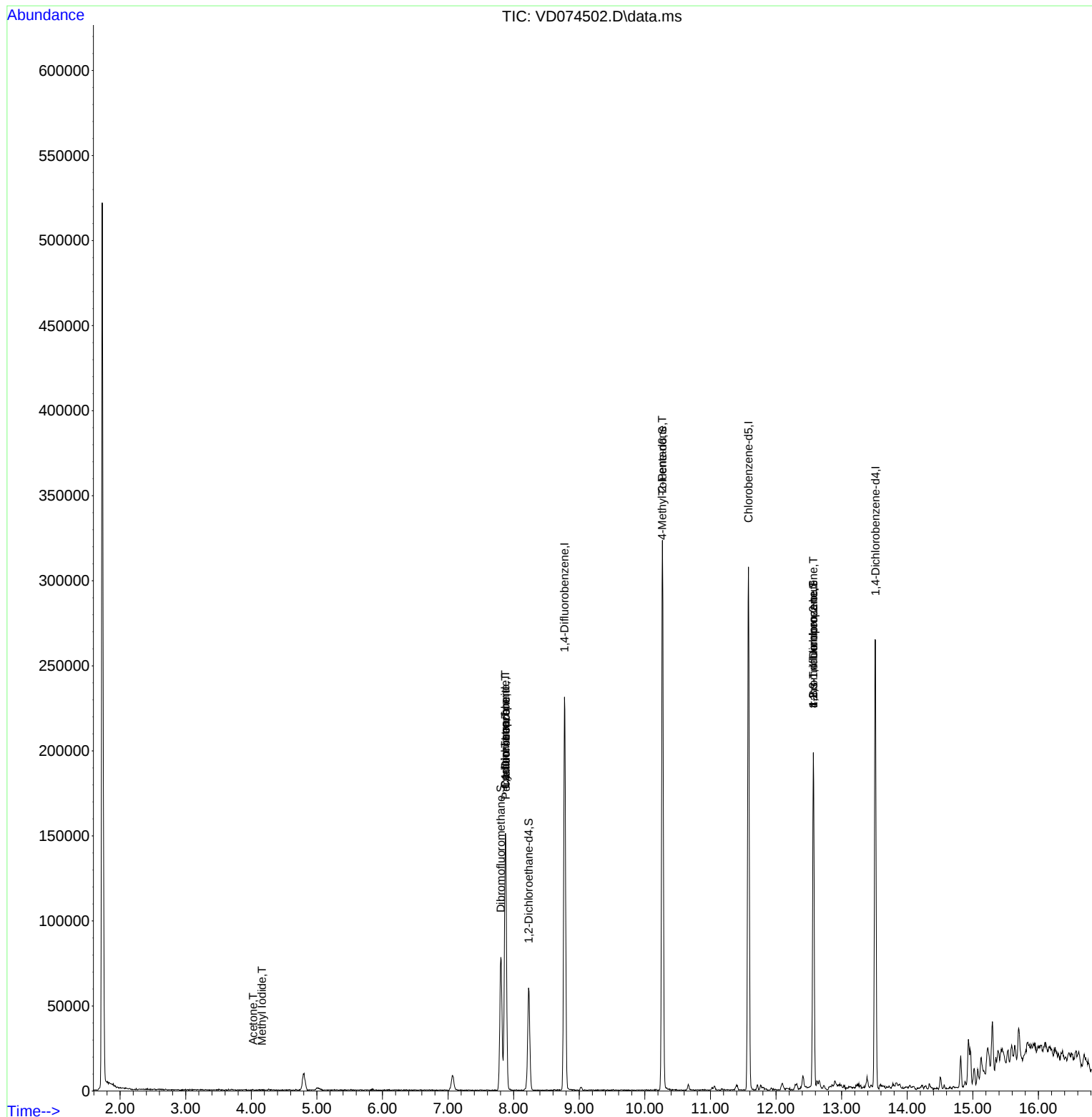
Internal Standards						
1) Pentafluorobenzene	7.881	168	122945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	75792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45918	42.037	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.080%		
35) Dibromofluoromethane	7.804	113	58986	40.450	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.900%		
50) Toluene-d8	10.269	98	233914	44.137	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.280%		
62) 4-Bromofluorobenzene	12.569	95	59629	34.284	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	68.560%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	145	5.883	ug/l #	43
11) Tert butyl alcohol	5.040	59	697	Below Cal	#	84
16) Acetone	4.028	43	313	12.961	ug/l #	37
20) Methylene Chloride	4.804	84	8228	Below Cal		92
31) Cyclohexane	7.875	56	2312	1.054	ug/l #	11
36) 1,1-Dichloropropene	7.875	75	8759	4.279	ug/l #	47
38) Carbon Tetrachloride	7.875	117	12034	6.635	ug/l #	17
51) 4-Methyl-2-Pentanone	10.263	43	839	1.317	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	30941	53.181	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	30941	118.653	ug/l #	17

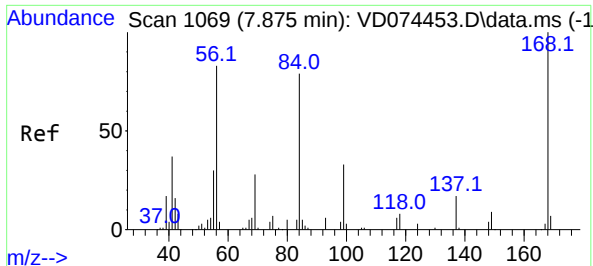
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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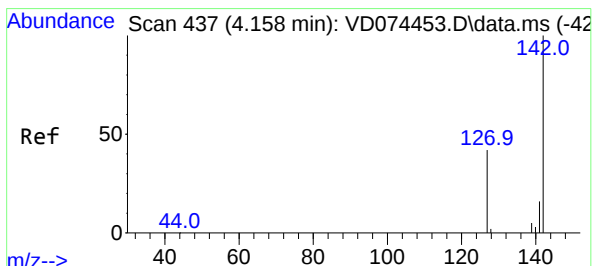
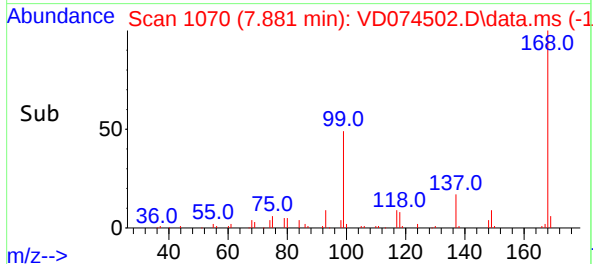
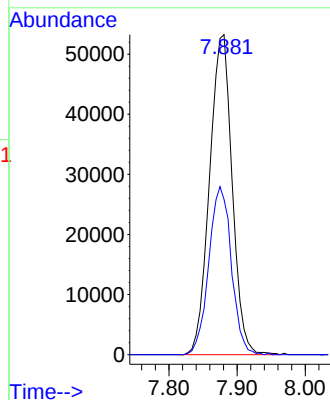
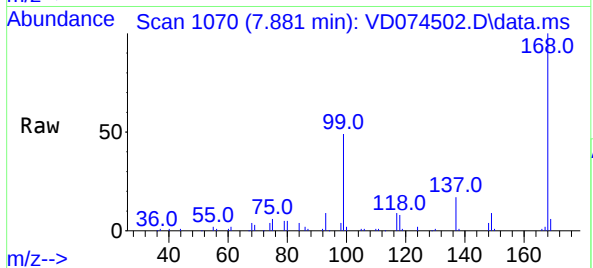




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

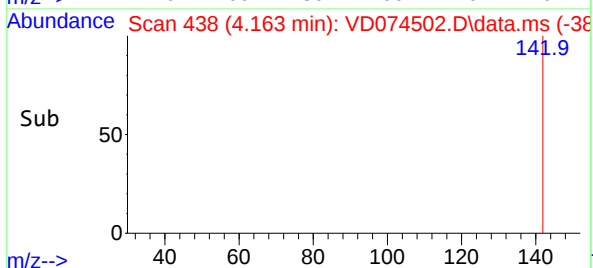
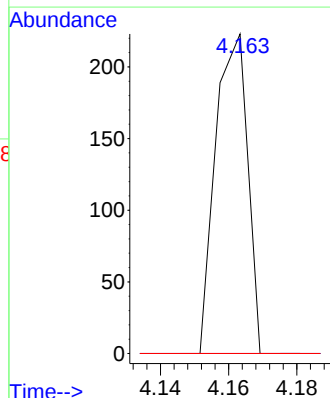
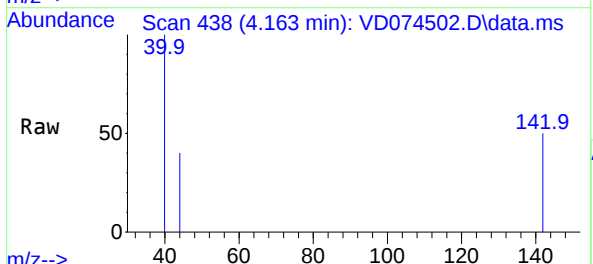
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-843-845

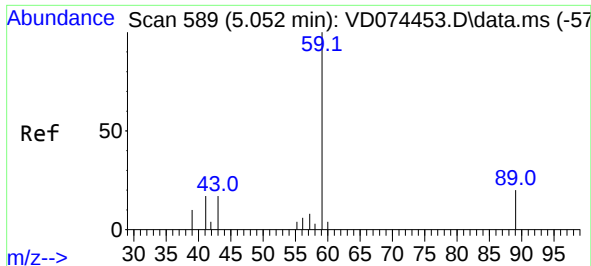
Tgt Ion:168 Resp: 122945
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.883 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

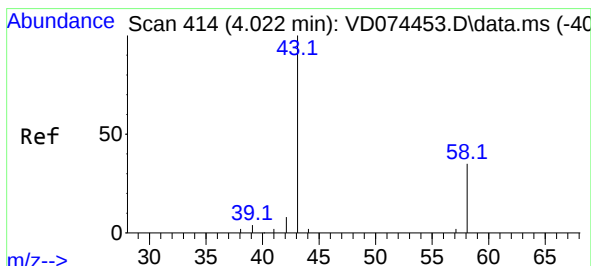
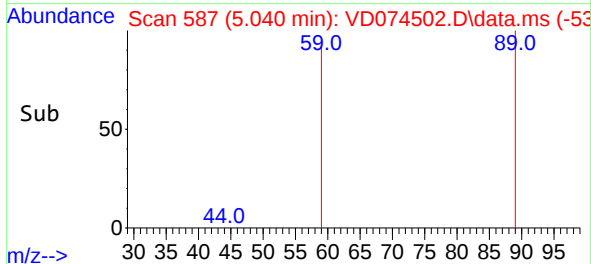
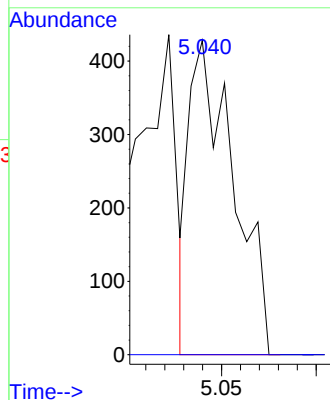
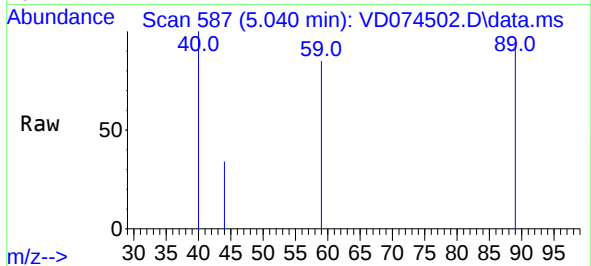




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

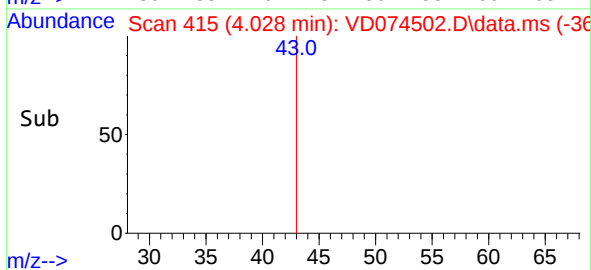
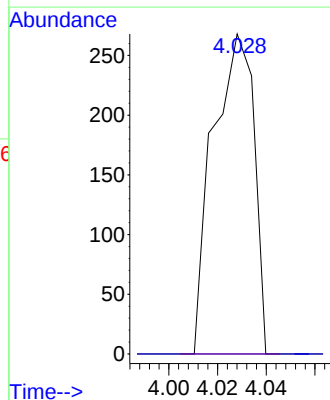
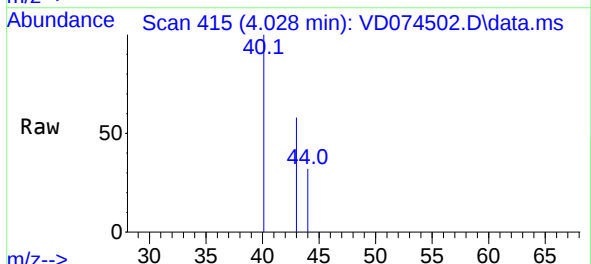
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-843-845

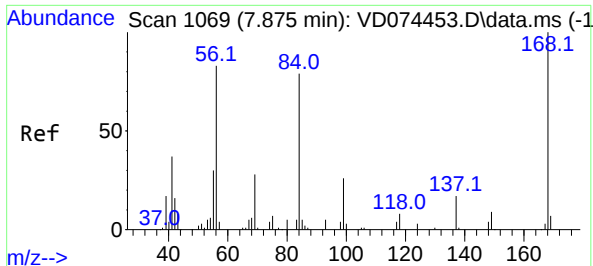
Tgt Ion: 59 Resp: 697
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 12.961 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

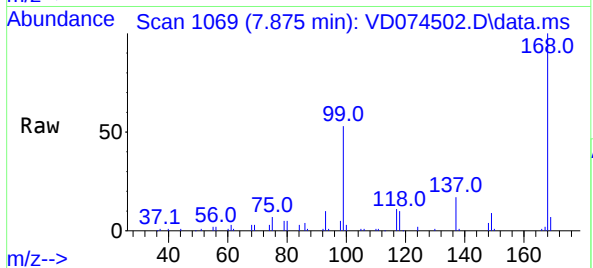
Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



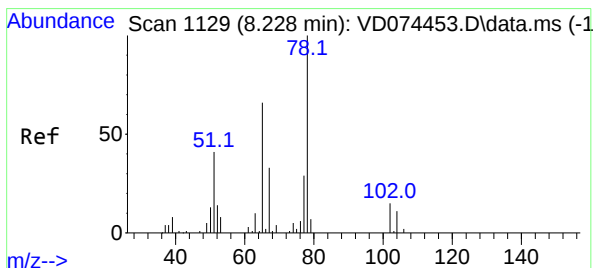
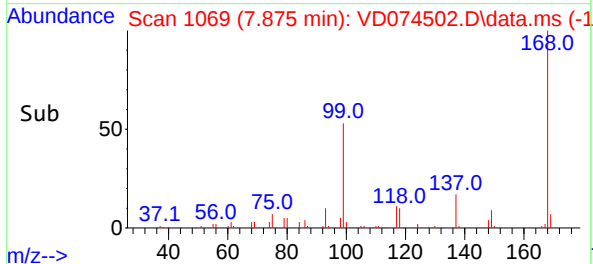
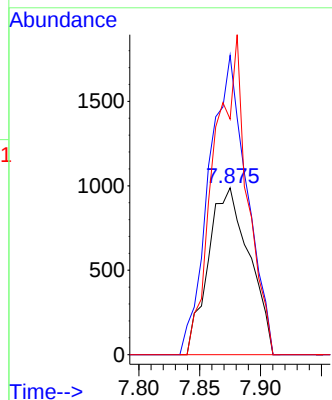


#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-843-845

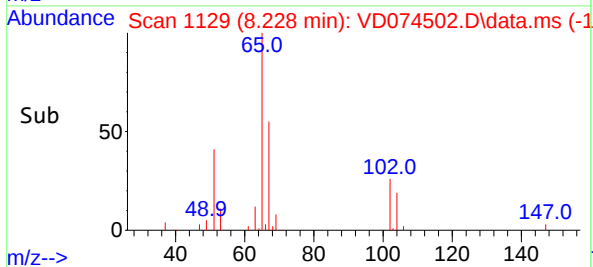
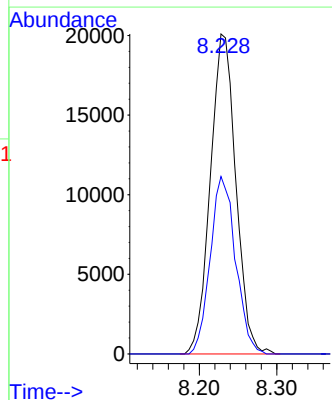
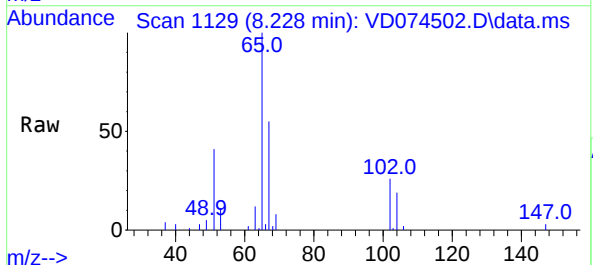


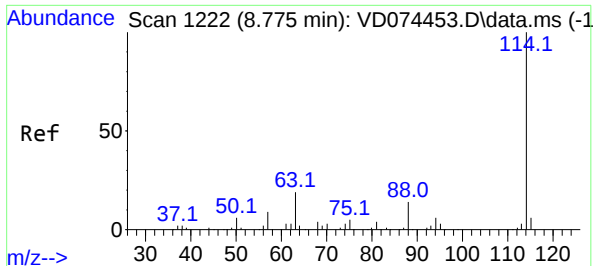
Tgt Ion: 56 Resp: 2312
Ion Ratio Lower Upper
56 100
69 179.5 29.2 43.8#
84 141.2 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 42.037 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

Tgt Ion: 65 Resp: 45918
Ion Ratio Lower Upper
65 100
67 55.0 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: VD074502.D

Acq: 10 Oct 2022 15:00

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-843-845

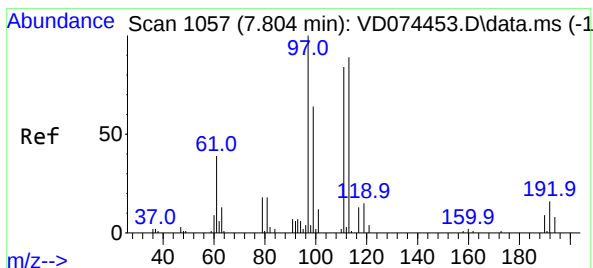
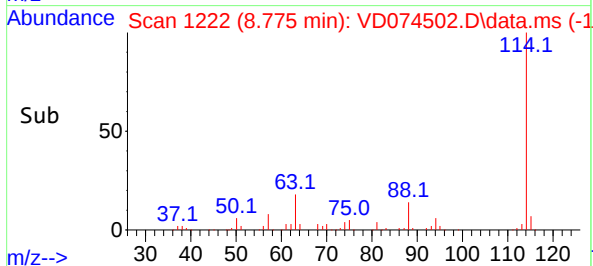
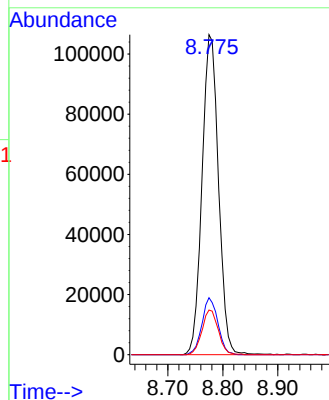
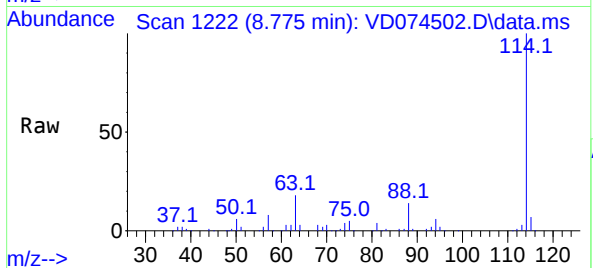
Tgt Ion:114 Resp: 221142

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 40.450 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074502.D

Acq: 10 Oct 2022 15:00

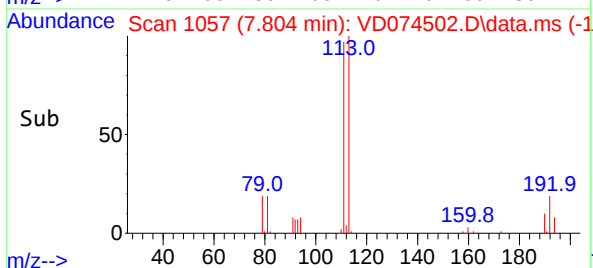
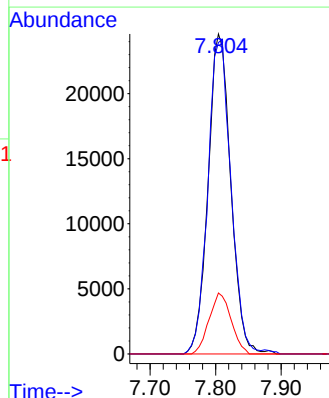
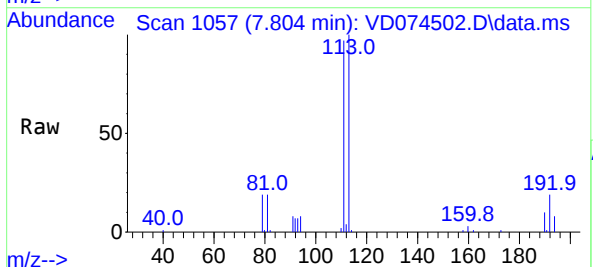
Tgt Ion:113 Resp: 58986

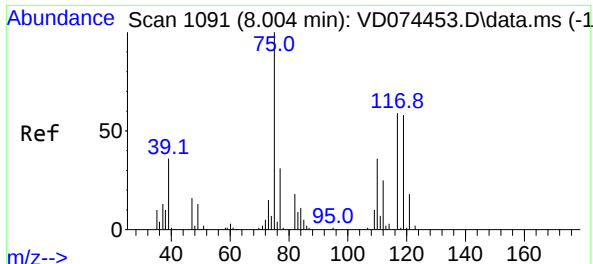
Ion Ratio Lower Upper

113 100

111 100.5 82.3 123.5

192 18.5 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.279 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074502.D

Acq: 10 Oct 2022 15:00

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-843-845

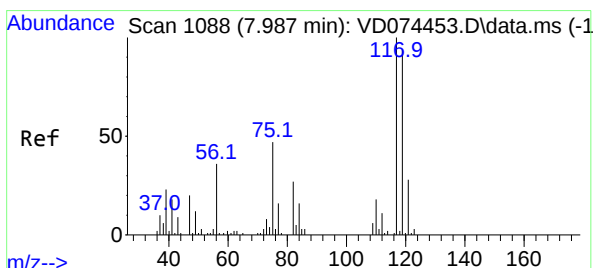
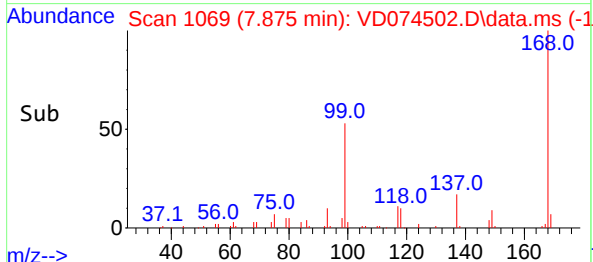
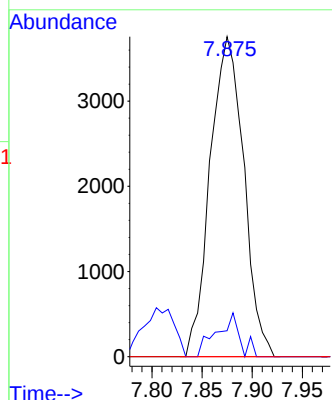
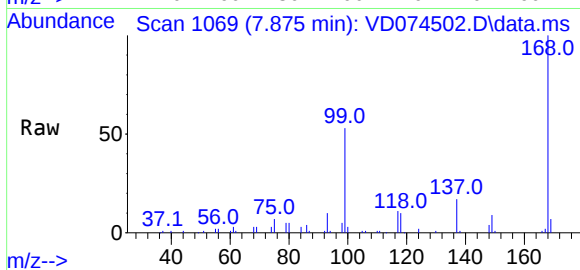
Tgt Ion: 75 Resp: 8759

Ion Ratio Lower Upper

75 100

110 9.4 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.635 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074502.D

Acq: 10 Oct 2022 15:00

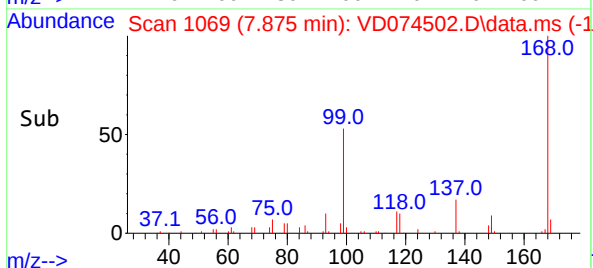
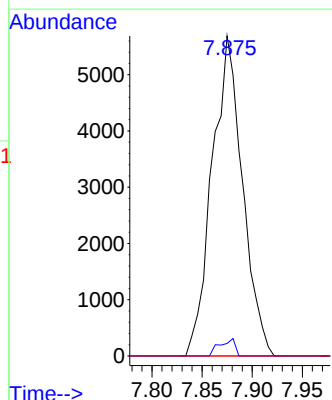
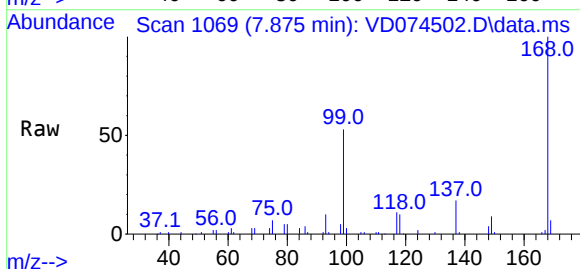
Tgt Ion: 117 Resp: 12034

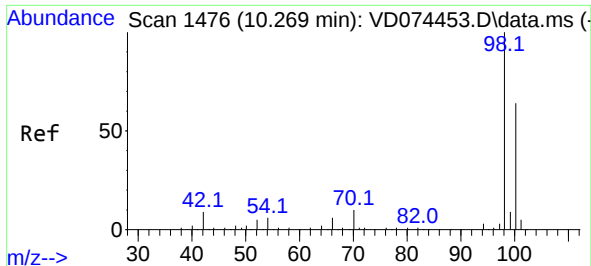
Ion Ratio Lower Upper

117 100

119 3.9 73.1 109.7#

121 0.0 25.0 37.6#

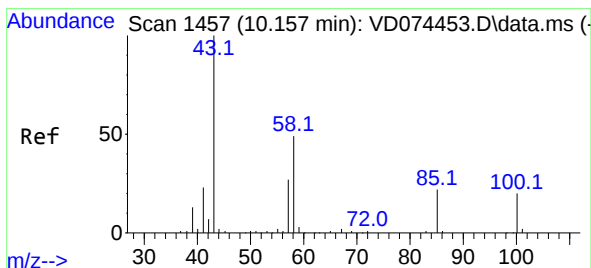
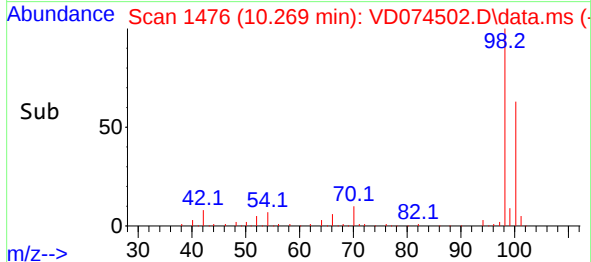
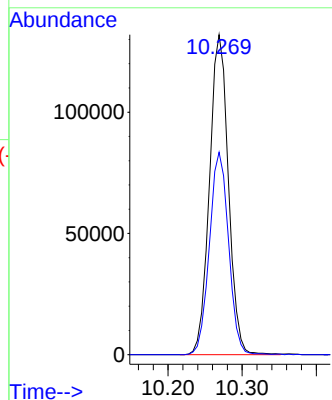
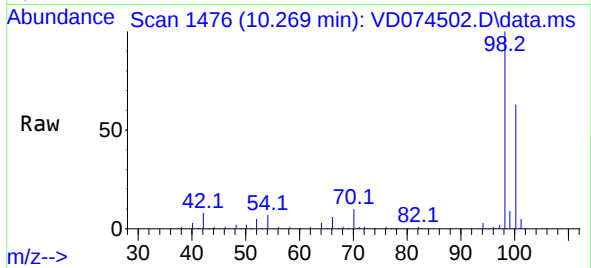




#50
Toluene-d8
Concen: 44.137 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

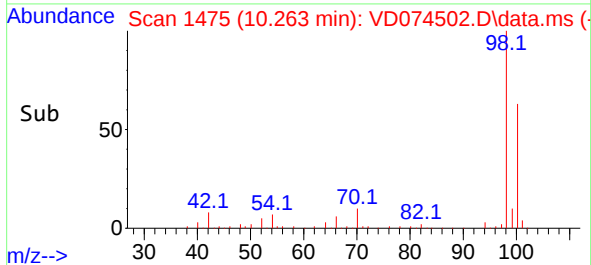
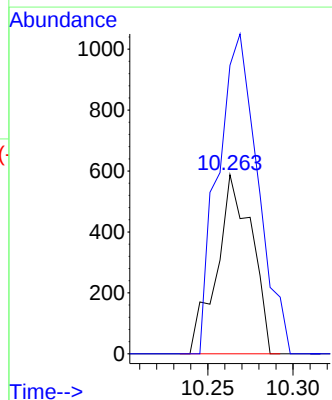
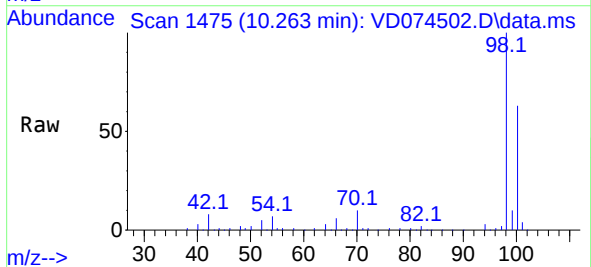
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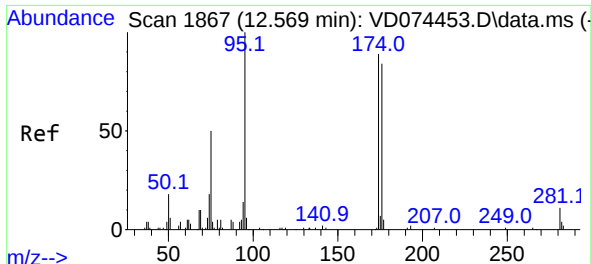
Tgt Ion: 98 Resp: 233914
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.317 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 203.5 37.8 56.6#

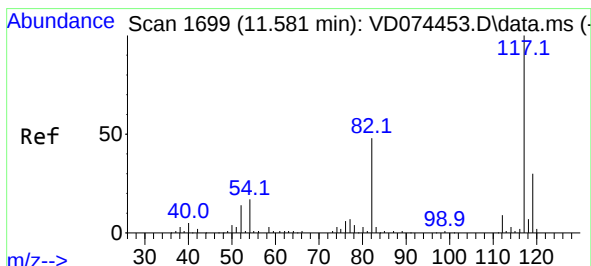
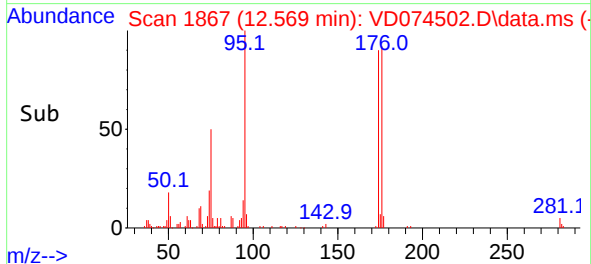
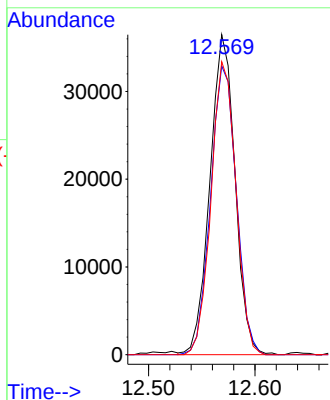
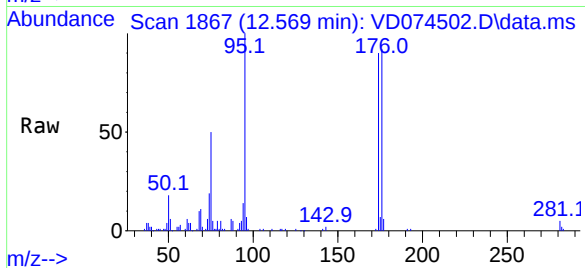




#62
4-Bromofluorobenzene
Concen: 34.284 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

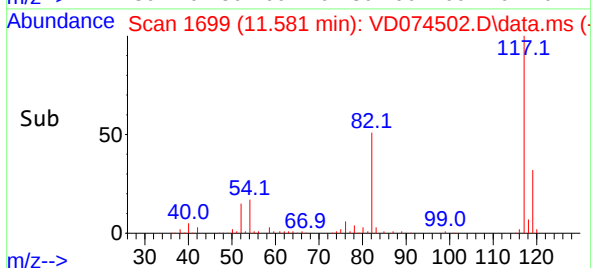
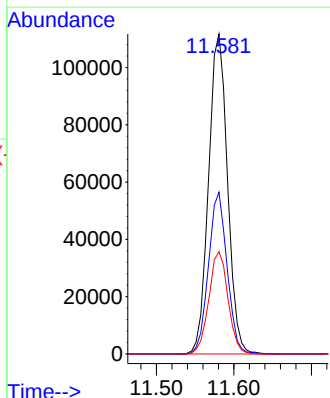
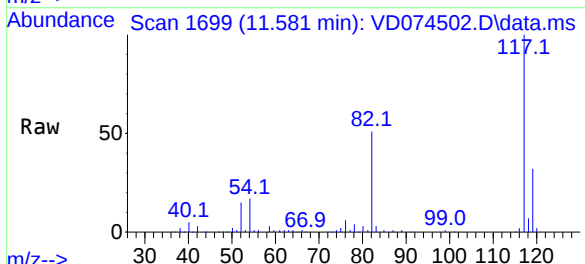
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-843-845

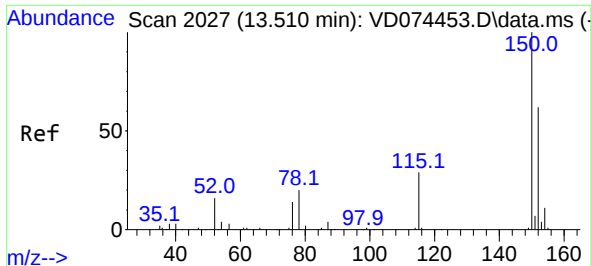
Tgt Ion:	95	Resp:	59629
Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	197.0
176	90.7	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

Tgt Ion:	117	Resp:	189594
Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.6	62.4
119	31.9	25.2	37.8

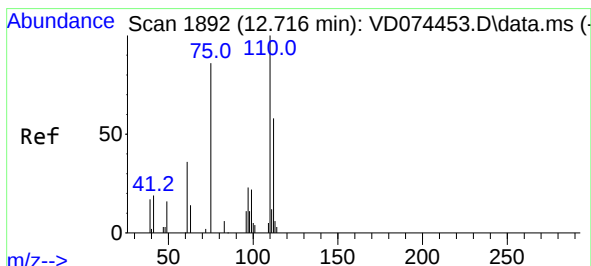
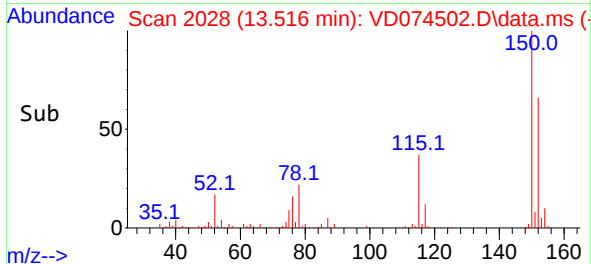
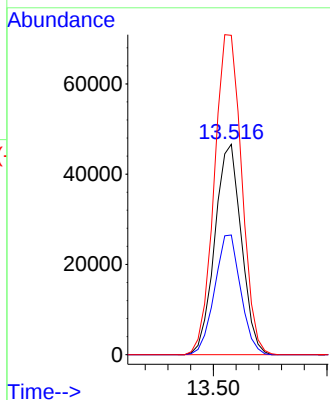
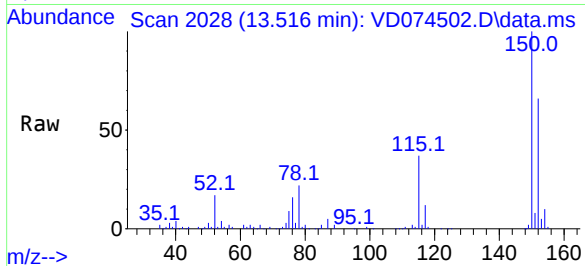




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

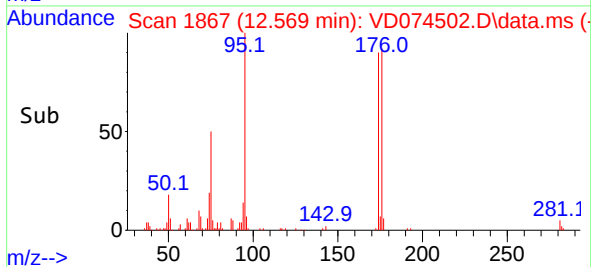
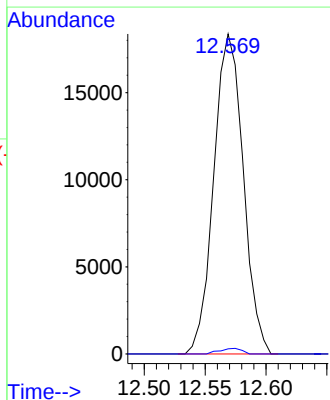
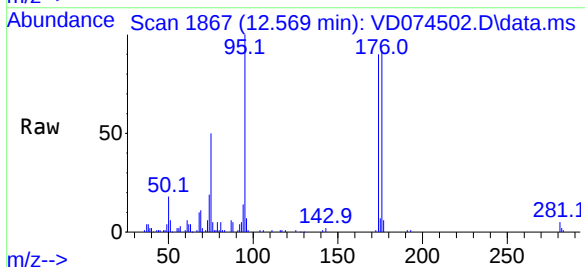
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-843-845

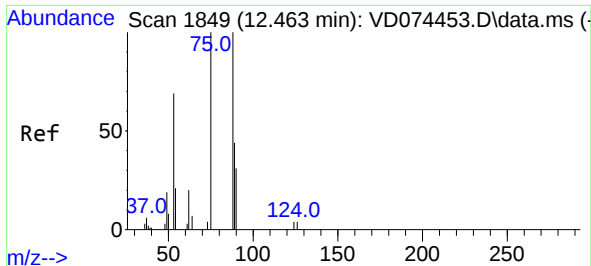
Tgt Ion:152 Resp: 75792
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 156.8 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 53.181 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

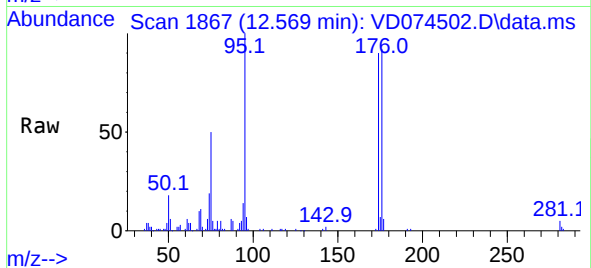
Tgt Ion: 75 Resp: 30941
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.653 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074502.D
 Acq: 10 Oct 2022 15:00

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW5-GW-843-845



Tgt Ion:	75	Resp:	30941
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

