

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074546.D
 Acq On : 17 Oct 2022 15:55
 Operator : VA/SY
 Sample : N5140-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-3.5-4.0

Quant Time: Oct 17 23:09:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

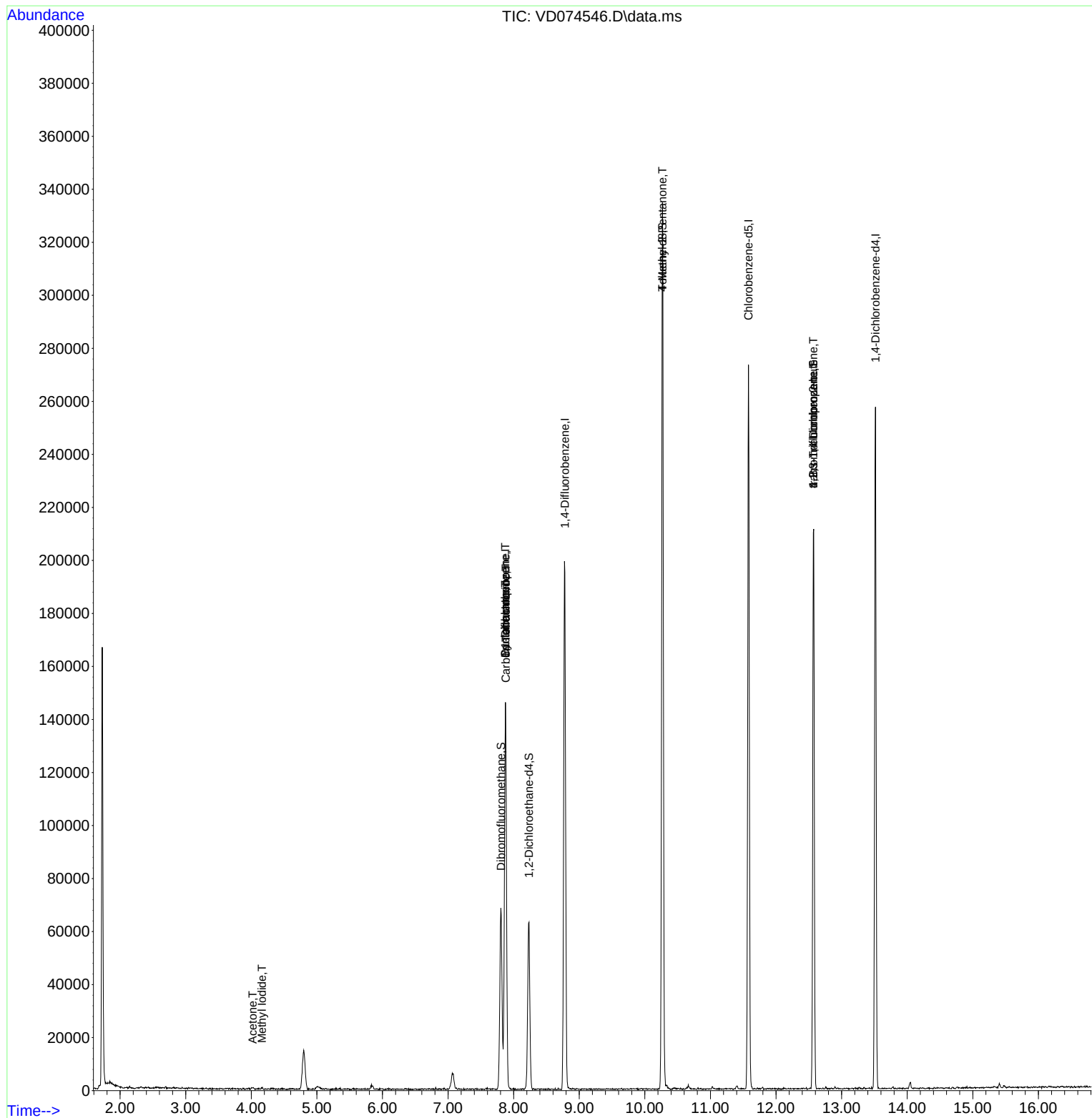
Internal Standards						
1) Pentafluorobenzene	7.875	168	117374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	193696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	168351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48692	48.195	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.400%		
35) Dibromofluoromethane	7.810	113	49329	41.829	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.660%		
50) Toluene-d8	10.269	98	243890	54.829	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.660%		
62) 4-Bromofluorobenzene	12.569	95	65966	48.241	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.480%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	410	5.496	ug/l #	43
11) Tert butyl alcohol	5.011	59	1123	Below Cal	#	84
16) Acetone	4.022	43	840	3.854	ug/l #	37
31) Cyclohexane	7.875	56	2226	1.036	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	8308	4.469	ug/l #	46
38) Carbon Tetrachloride	7.881	117	11401	6.633	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	656	1.183	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	33024	53.488	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	33024	135.679	ug/l #	17

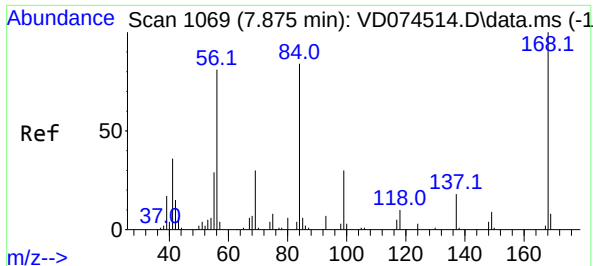
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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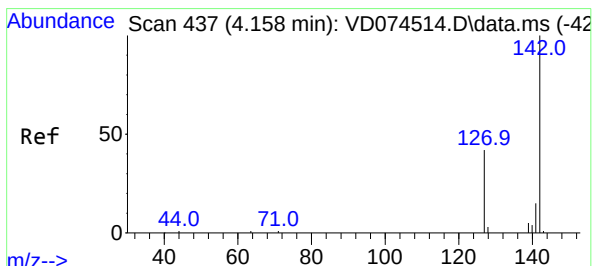
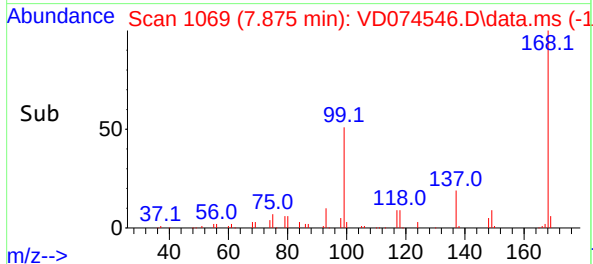
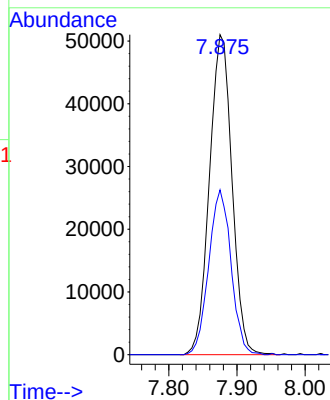
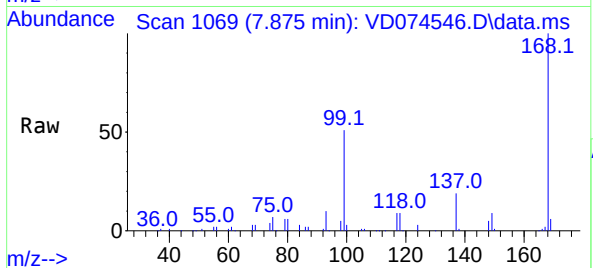




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

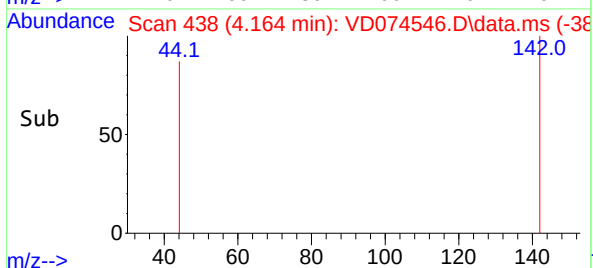
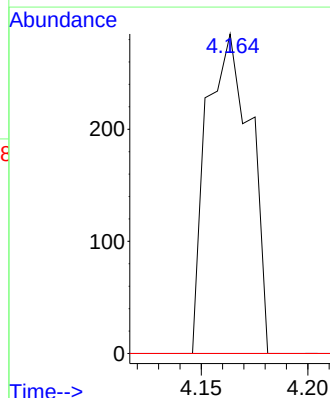
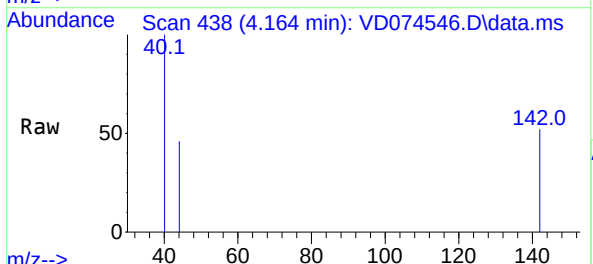
Instrument :
MSVOA_D
ClientSampleId :
SB-02-3.5-4.0

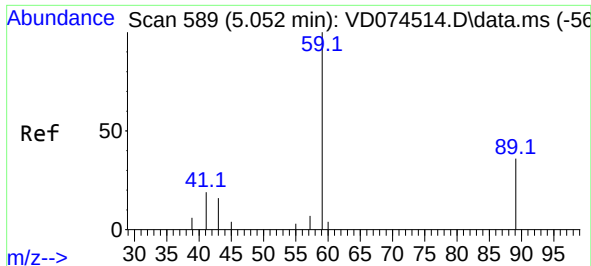
Tgt Ion:168 Resp: 117374
Ion Ratio Lower Upper
168 100
99 51.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.496 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

Tgt Ion:142 Resp: 410
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

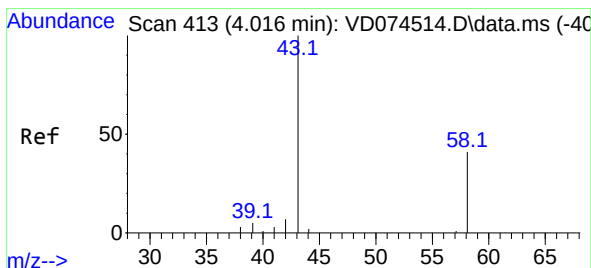
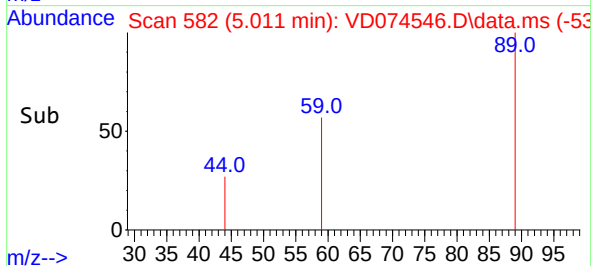
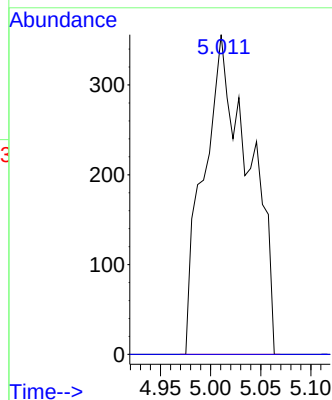
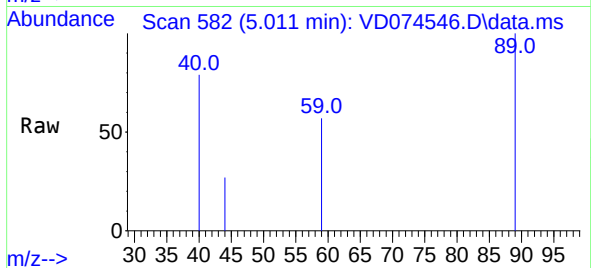




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.011 min Scan# 511
Delta R.T. -0.041 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

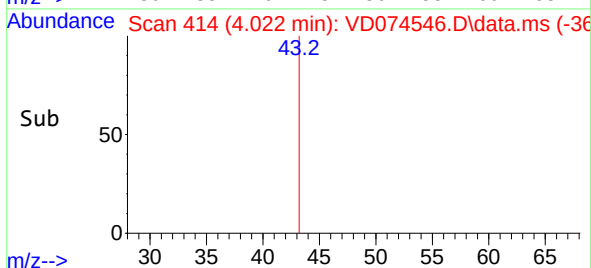
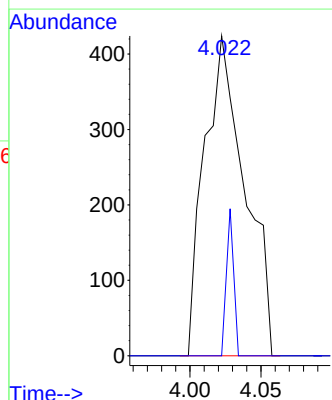
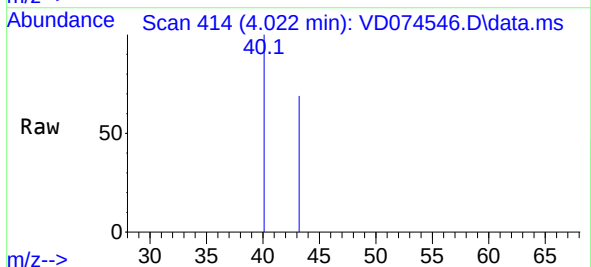
Instrument :
MSVOA_D
ClientSampleId :
SB-02-3.5-4.0

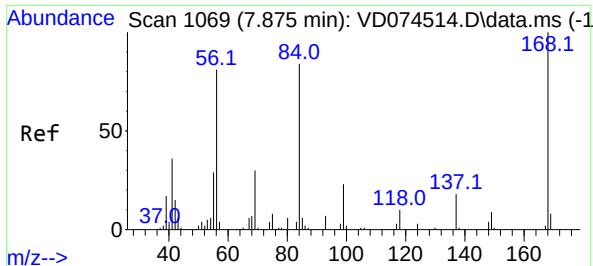
Tgt Ion: 59 Resp: 1123
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 3.854 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

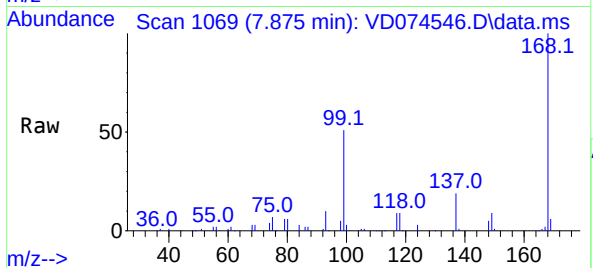
Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



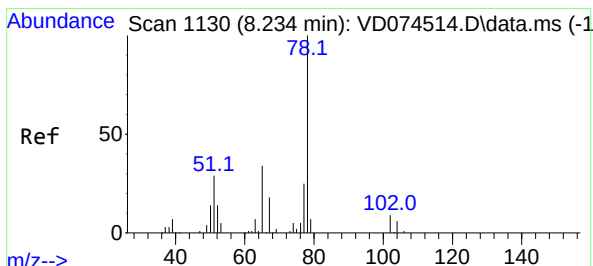
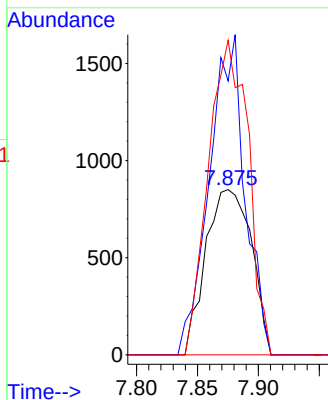
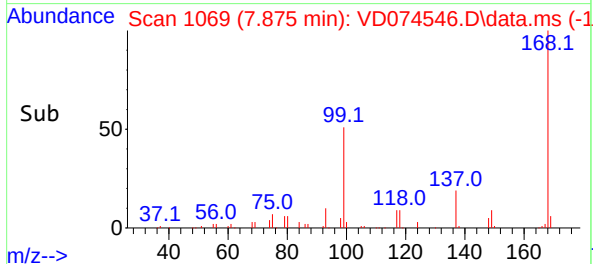


#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

Instrument :
MSVOA_D
ClientSampleId :
SB-02-3.5-4.0

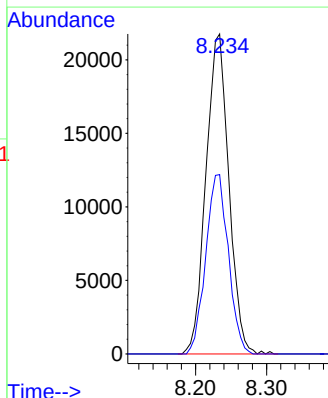
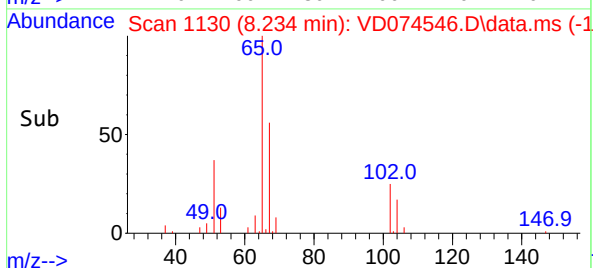
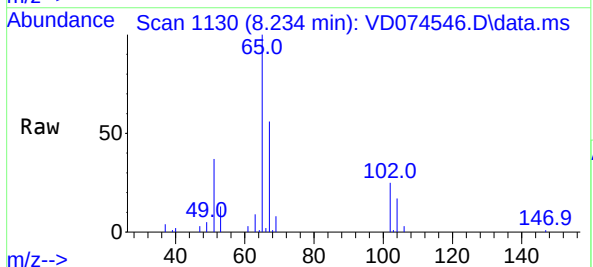


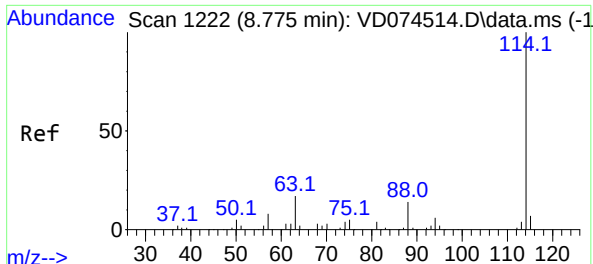
Tgt Ion: 56 Resp: 2226
Ion Ratio Lower Upper
56 100
69 165.7 29.2 43.8#
84 190.2 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 48.195 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

Tgt Ion: 65 Resp: 48692
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074546.D

Acq: 17 Oct 2022 15:55

Instrument :

MSVOA_D

ClientSampleId :

SB-02-3.5-4.0

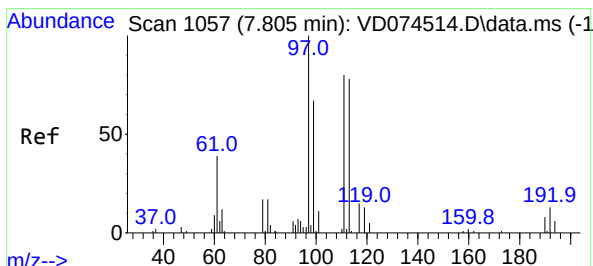
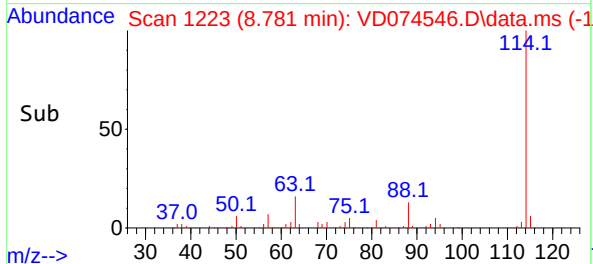
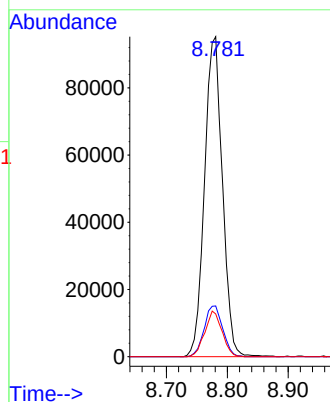
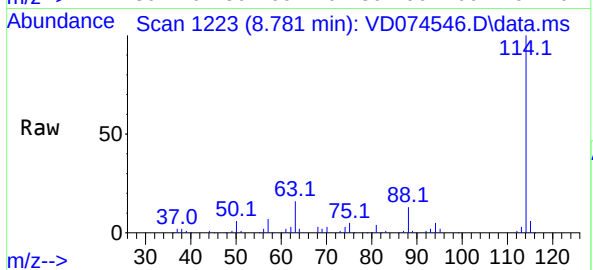
Tgt Ion:114 Resp: 193696

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 41.829 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074546.D

Acq: 17 Oct 2022 15:55

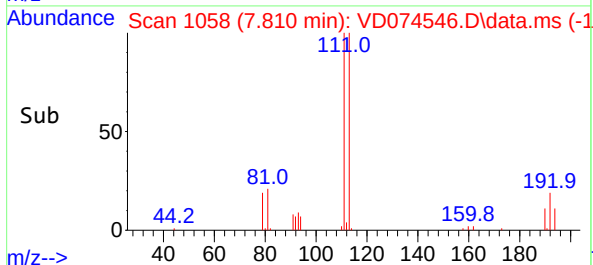
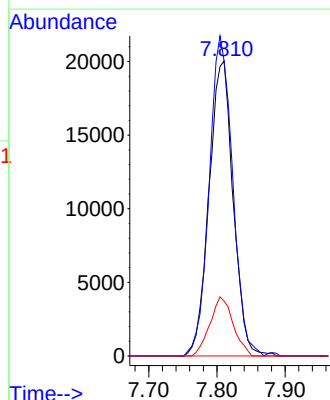
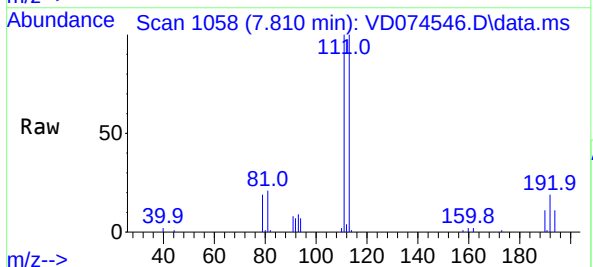
Tgt Ion:113 Resp: 49329

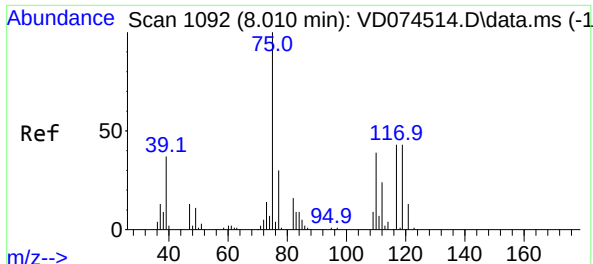
Ion Ratio Lower Upper

113 100

111 105.2 82.3 123.5

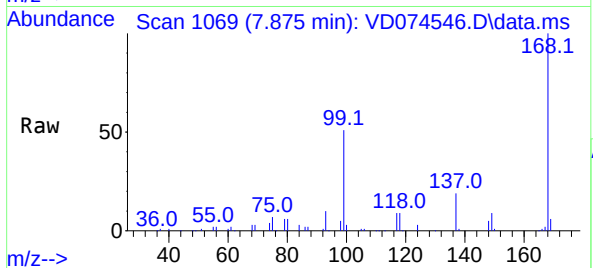
192 19.3 16.4 24.6



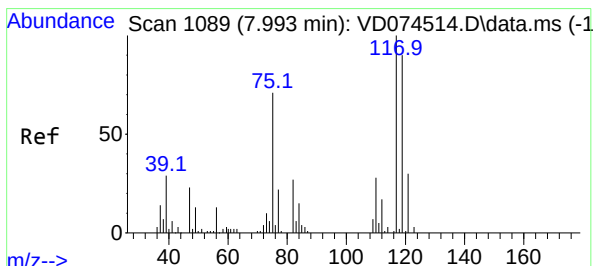
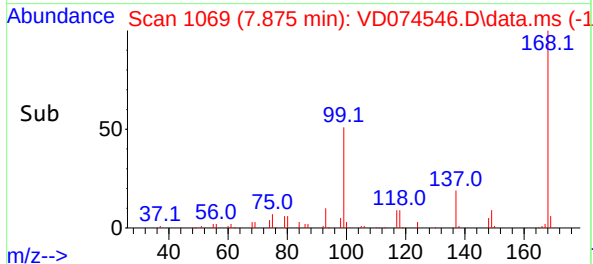
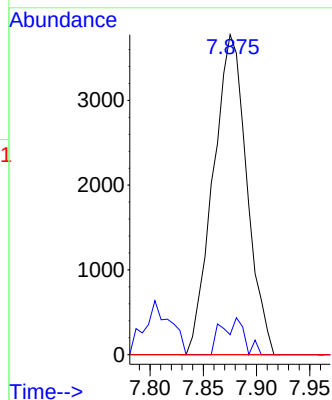


#36
 1,1-Dichloropropene
 Concen: 4.469 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.129 min
 Lab File: VD074546.D
 Acq: 17 Oct 2022 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-3.5-4.0

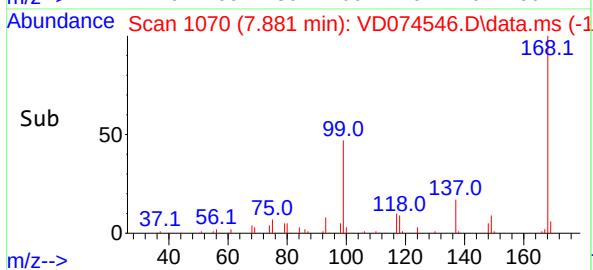
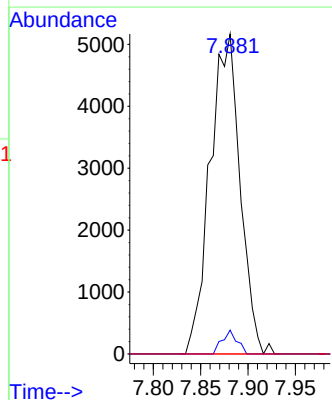
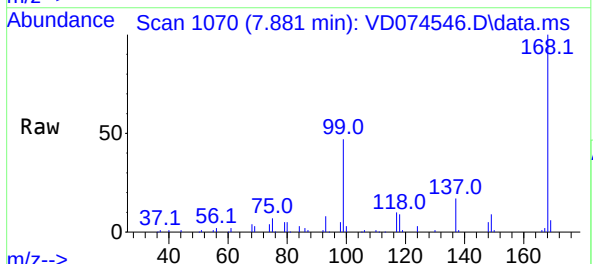


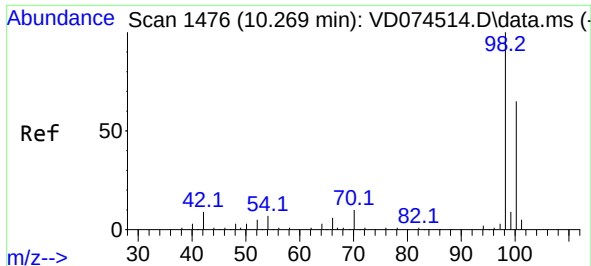
Tgt Ion: 75 Resp: 8308
 Ion Ratio Lower Upper
 75 100
 110 7.8 19.7 59.0#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 6.633 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.106 min
 Lab File: VD074546.D
 Acq: 17 Oct 2022 15:55

Tgt Ion: 117 Resp: 11401
 Ion Ratio Lower Upper
 117 100
 119 7.4 73.1 109.7#
 121 0.0 25.0 37.6#

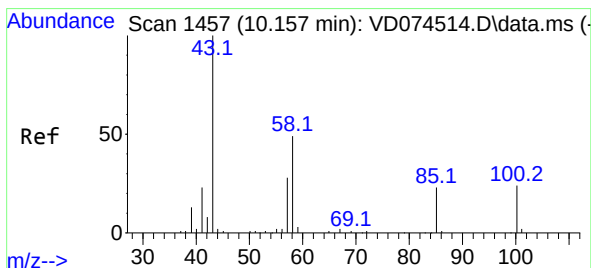
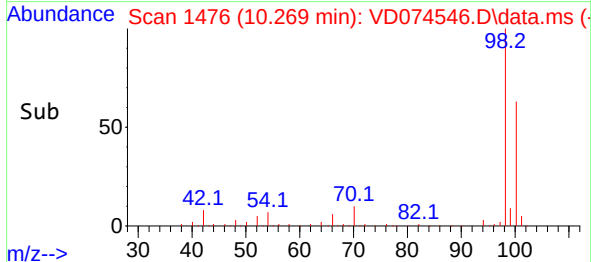
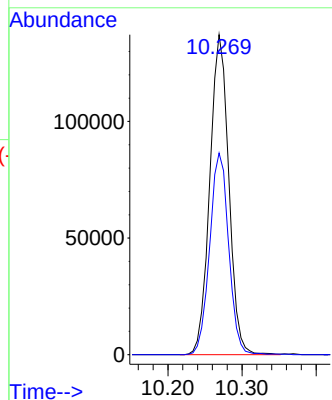
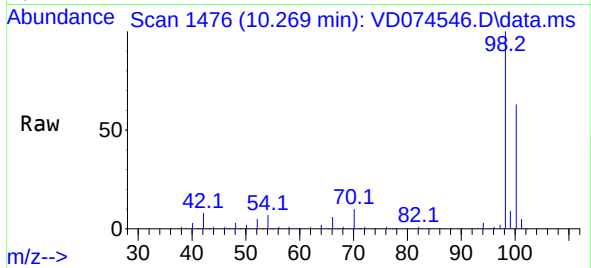




#50
Toluene-d8
Concen: 54.829 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

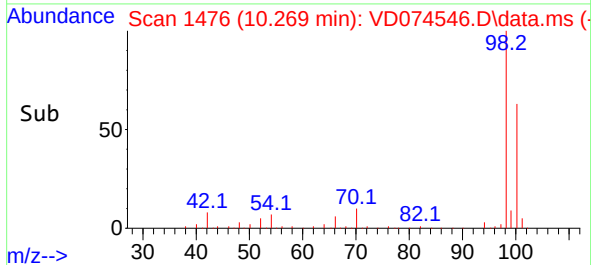
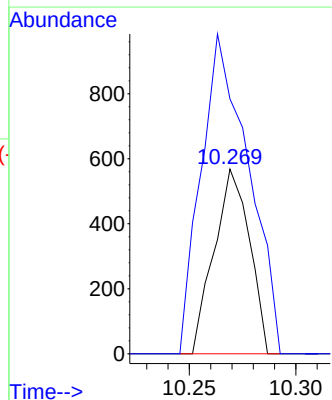
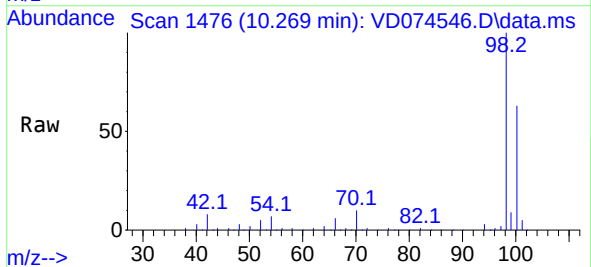
Instrument :
MSVOA_D
ClientSampleId :
SB-02-3.5-4.0

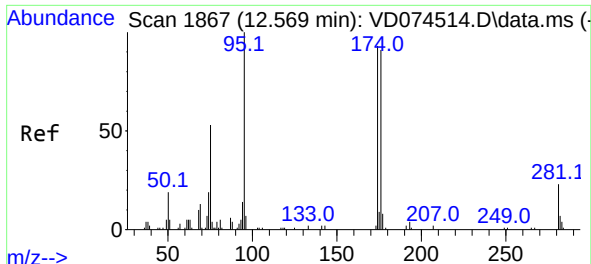
Tgt Ion: 98 Resp: 243890
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.183 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
58 231.1 37.8 56.6#

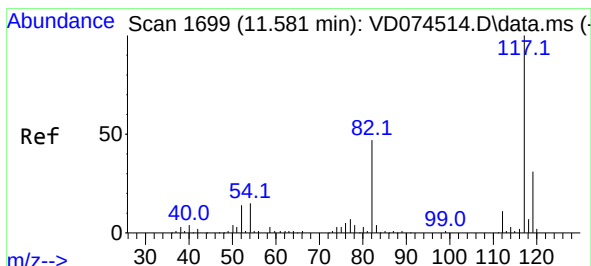
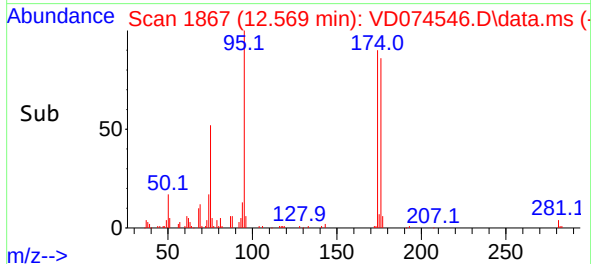
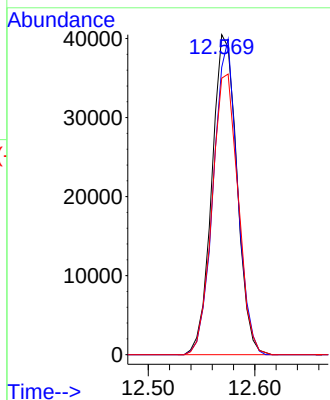
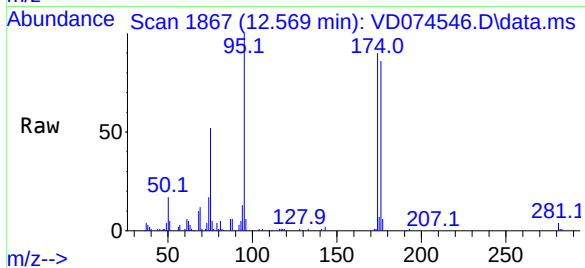




#62
4-Bromofluorobenzene
Concen: 48.241 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

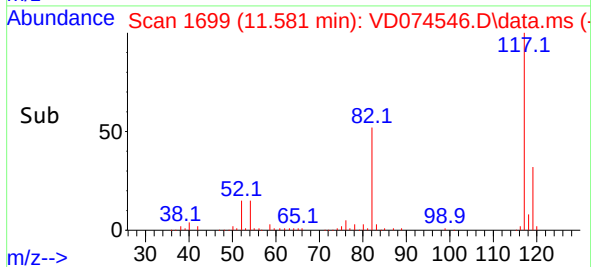
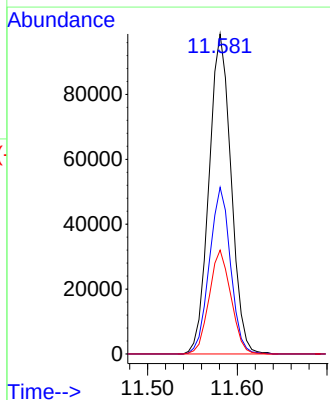
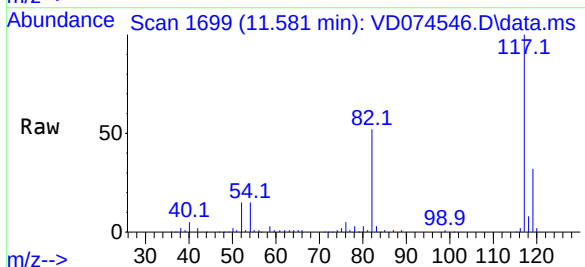
Instrument :
MSVOA_D
ClientSampleId :
SB-02-3.5-4.0

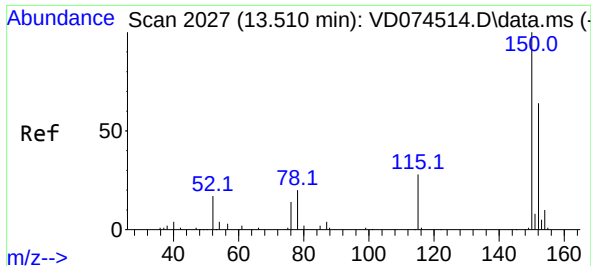
Tgt Ion:	95	Resp:	65966
Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	197.0
176	90.9	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

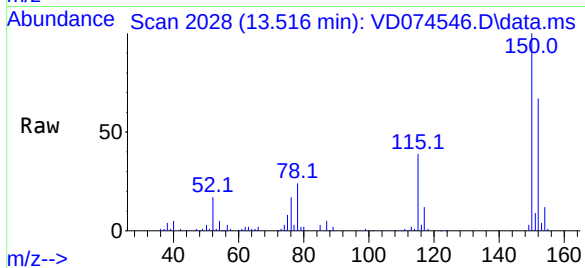
Tgt Ion:	117	Resp:	168351
Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.6	62.4
119	32.4	25.2	37.8



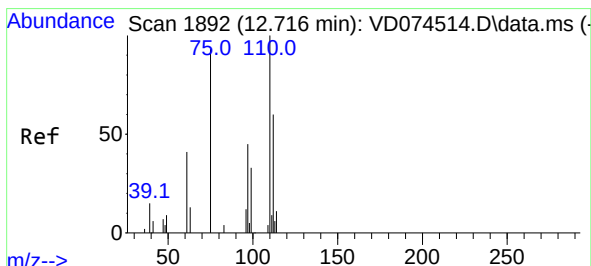
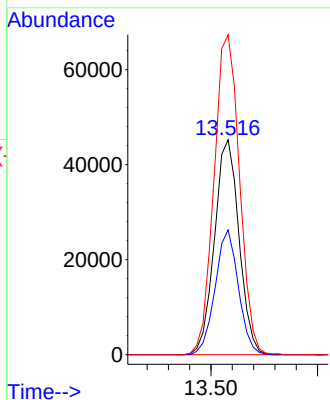
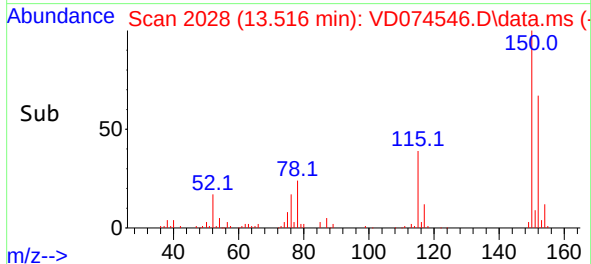


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

Instrument :
MSVOA_D
ClientSampleId :
SB-02-3.5-4.0

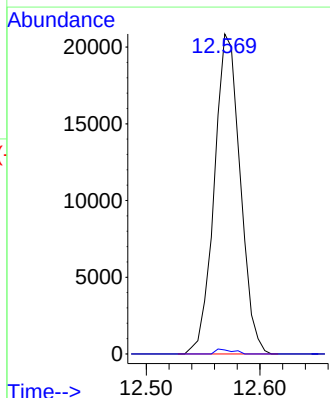
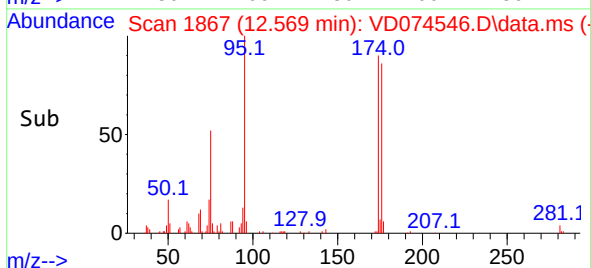
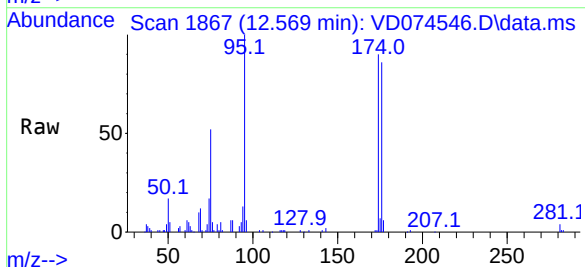


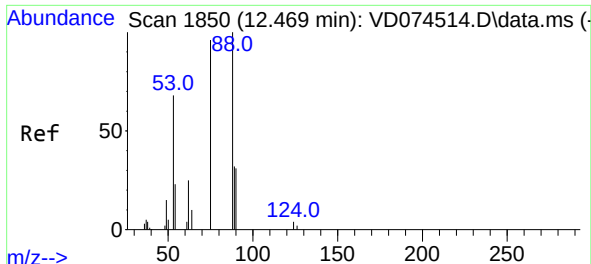
Tgt Ion:152 Resp: 72244
Ion Ratio Lower Upper
152 100
115 55.1 26.8 80.4
150 154.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 53.488 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074546.D
Acq: 17 Oct 2022 15:55

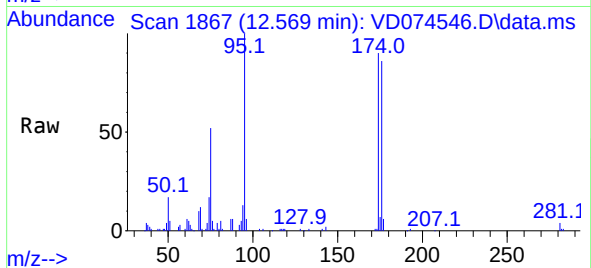
Tgt Ion: 75 Resp: 33024
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.679 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074546.D
 Acq: 17 Oct 2022 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-3.5-4.0



Tgt Ion: 75 Resp: 33024
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

