

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074476.D
 Acq On : 06 Oct 2022 19:52
 Operator : VA/SY
 Sample : N5014-14
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Oct 07 01:27:50 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)

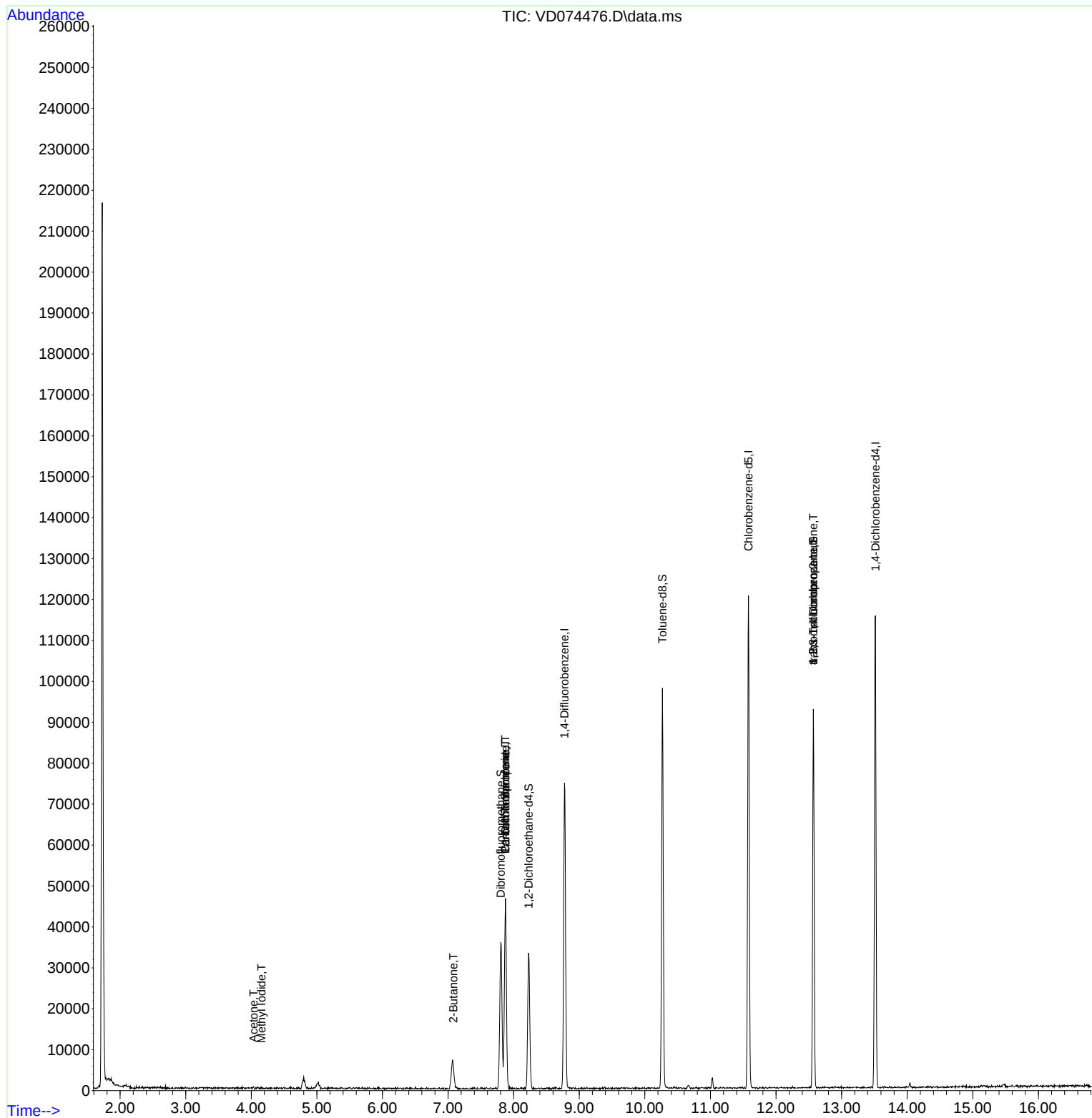
Internal Standards						
1) Pentafluorobenzene	7.875	168	36603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	72078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	73276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25794	79.316	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 158.640%			
35) Dibromofluoromethane	7.804	113	26238	55.204	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.400%			
50) Toluene-d8	10.269	98	69587	40.443	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 80.880%			
62) 4-Bromofluorobenzene	12.569	95	27299	51.010	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.020%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.157	142	67	5.921	ug/l #	43
11) Tert butyl alcohol	5.016	59	1186	Below Cal	#	84
16) Acetone	4.034	43	257	14.701	ug/l #	37
20) Methylene Chloride	4.798	84	2078	Below Cal		87
25) 2-Butanone	7.081	43	139	1.490	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	2647	3.968	ug/l #	41
38) Carbon Tetrachloride	7.875	117	3388	5.731	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	14275	56.056	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	14275	125.068	ug/l #	17

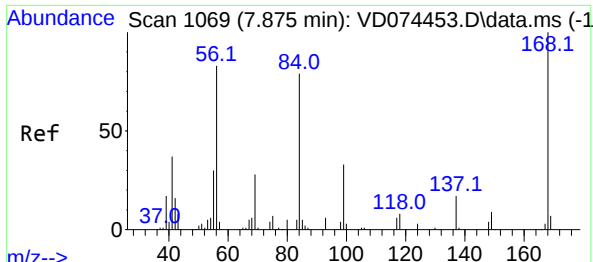
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-02-0-2.0

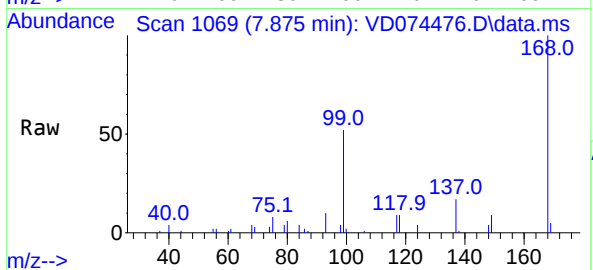
Quant Time: Oct 07 01:27:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



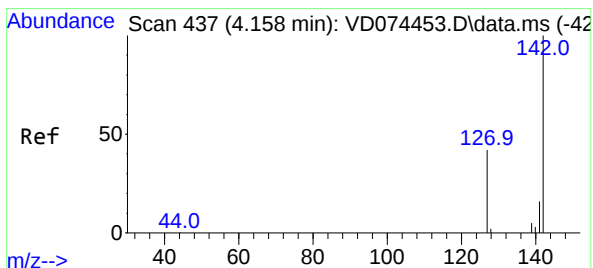
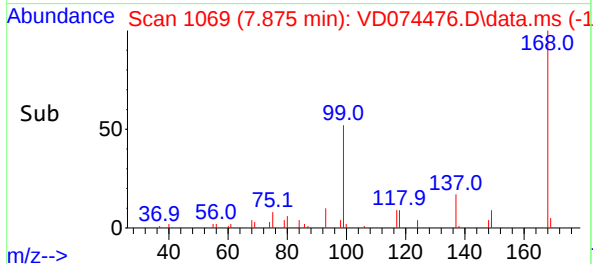
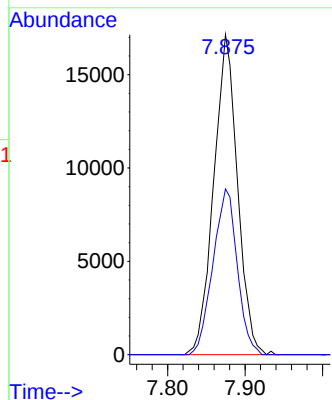


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

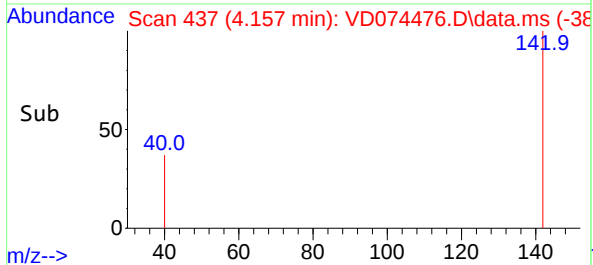
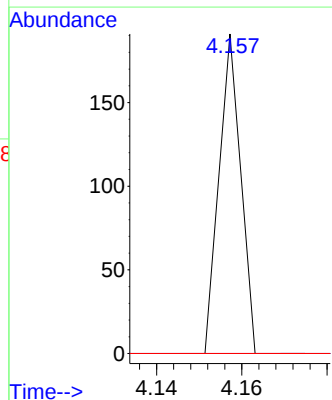
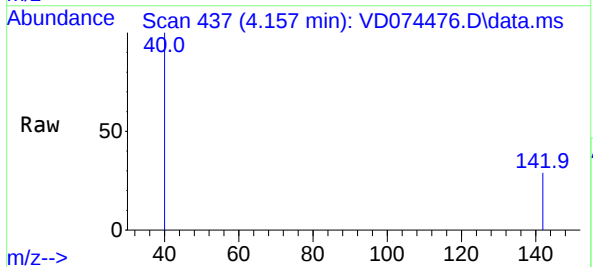


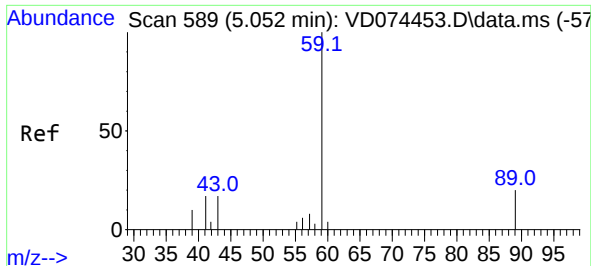
Tgt Ion:168 Resp: 36603
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.921 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

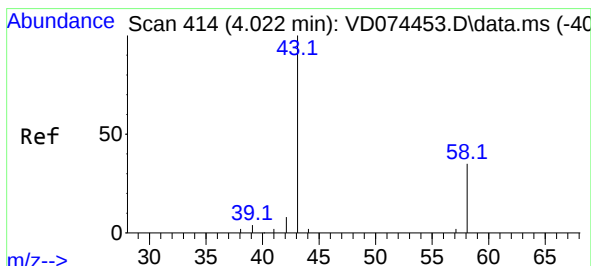
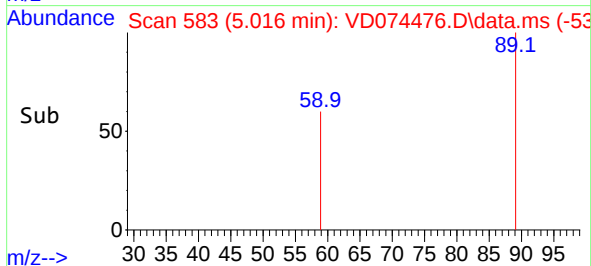
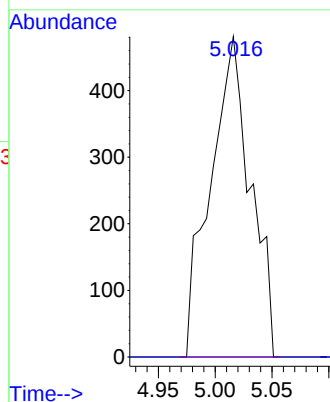
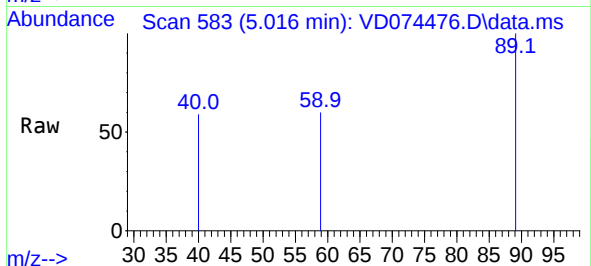




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

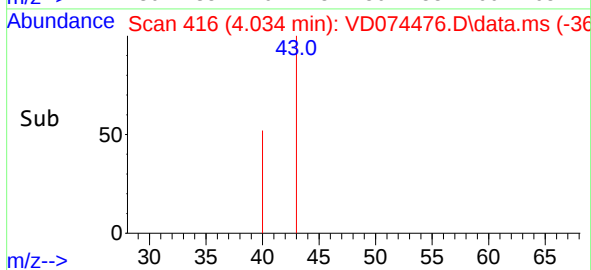
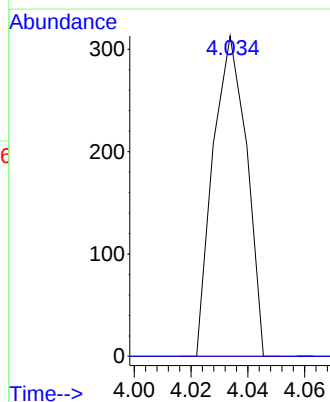
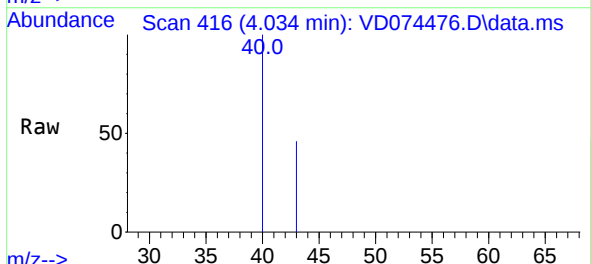
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

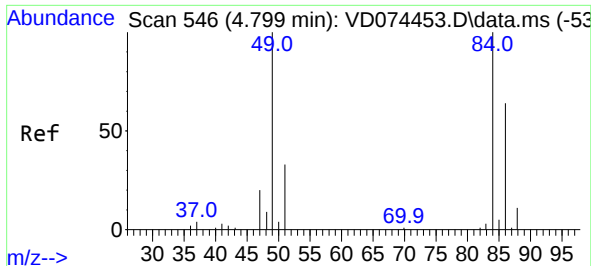
Tgt Ion: 59 Resp: 1186
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 14.701 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.798 min Scan# 54

Delta R.T. -0.001 min

Lab File: VD074476.D

Acq: 06 Oct 2022 19:52

Instrument :

MSVOA_D

ClientSampleId :

SB-02-0-2.0

Tgt Ion: 84 Resp: 2078

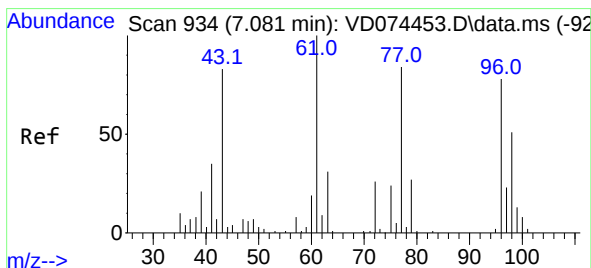
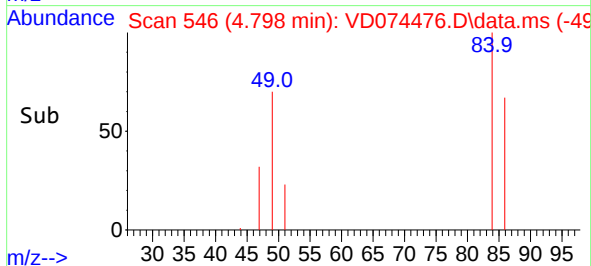
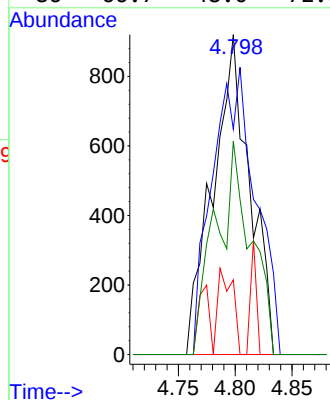
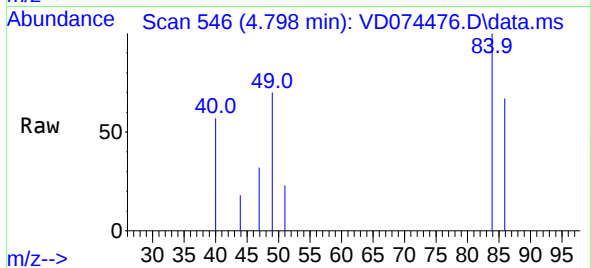
Ion Ratio Lower Upper

84 100

49 70.4 68.0 102.0

51 23.4 23.2 34.8

86 66.7 48.0 72.0



#25

2-Butanone

Concen: 1.490 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD074476.D

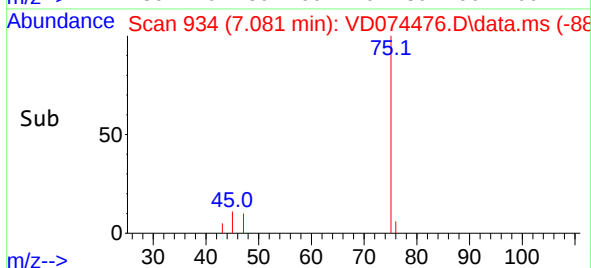
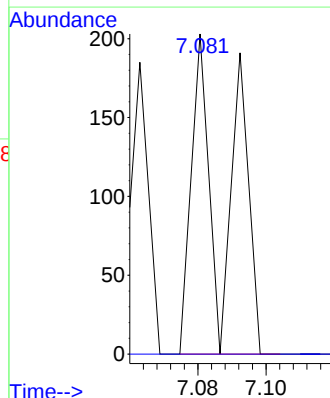
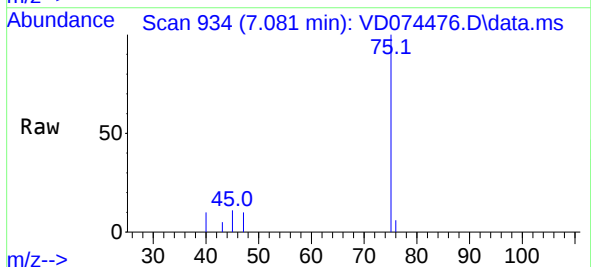
Acq: 06 Oct 2022 19:52

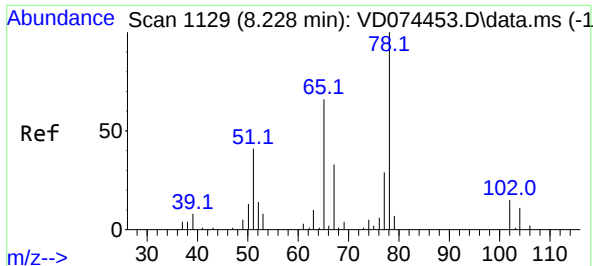
Tgt Ion: 43 Resp: 139

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#

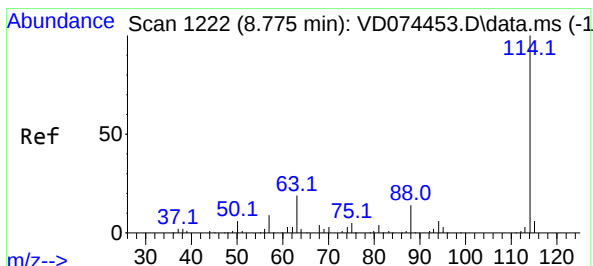
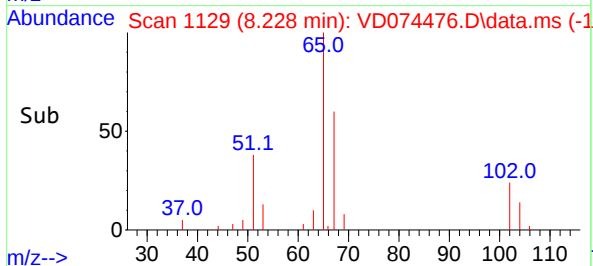
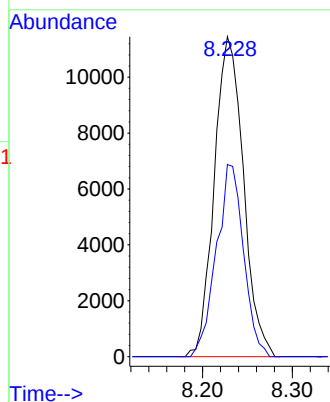
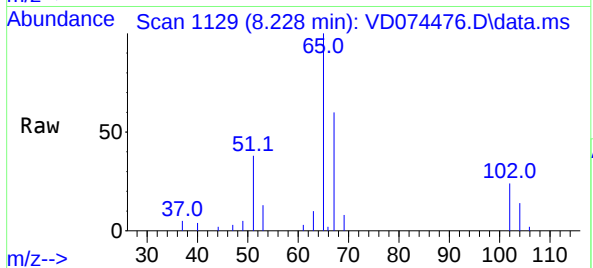




#33
1,2-Dichloroethane-d4
Concen: 79.316 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

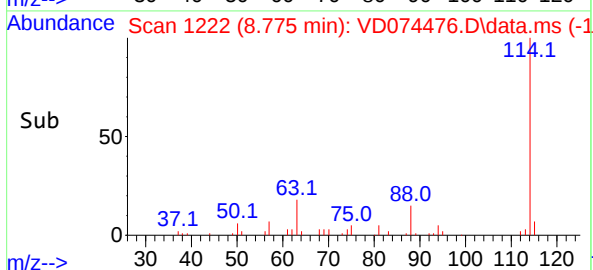
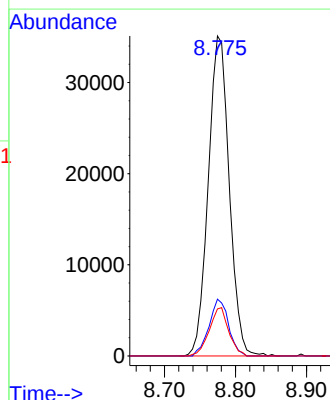
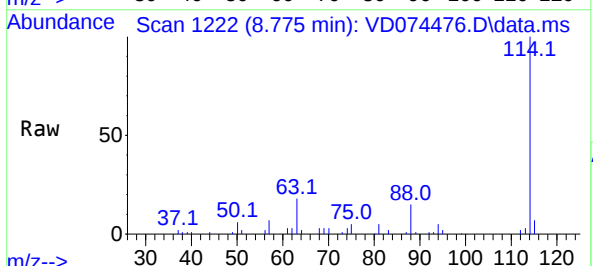
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

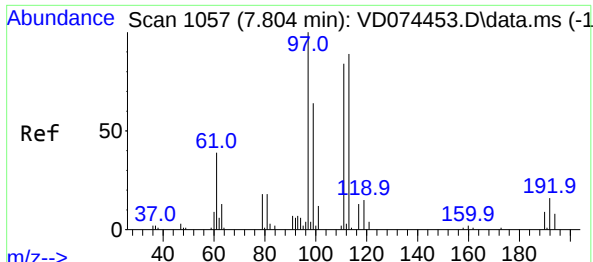
Tgt Ion: 65 Resp: 25794
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Tgt Ion: 114 Resp: 72078
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.2
88 14.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 55.204 ug/l

RT: 7.804 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD074476.D

Acq: 06 Oct 2022 19:52

Instrument :

MSVOA_D

ClientSampleId :

SB-02-0-2.0

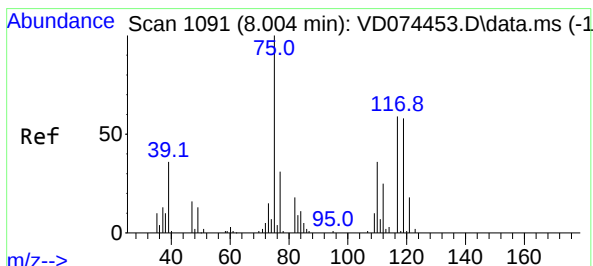
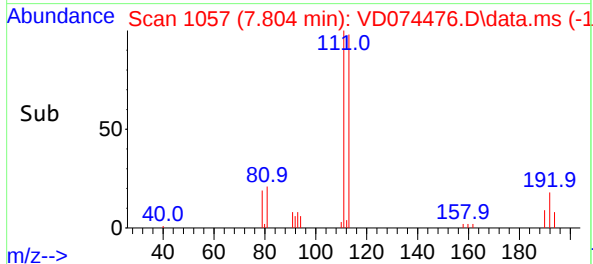
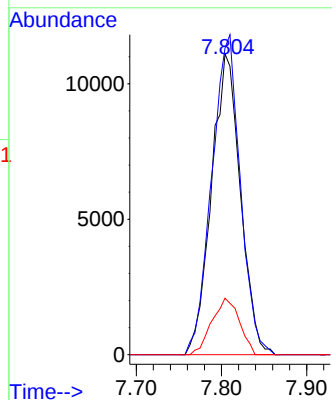
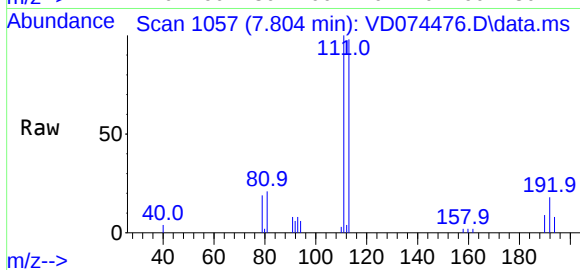
Tgt Ion:113 Resp: 26238

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 17.8 16.4 24.6



#36

1,1-Dichloropropene

Concen: 3.968 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074476.D

Acq: 06 Oct 2022 19:52

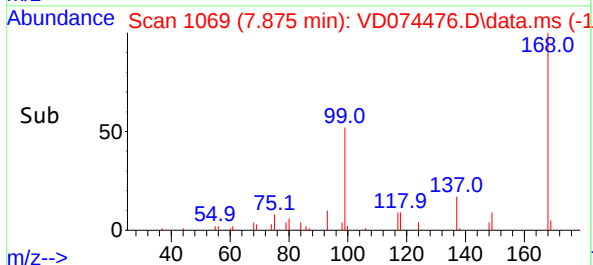
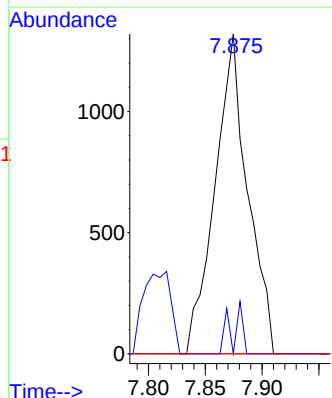
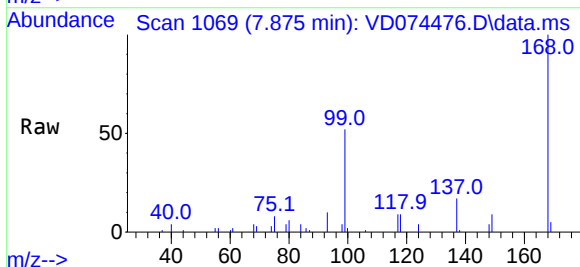
Tgt Ion: 75 Resp: 2647

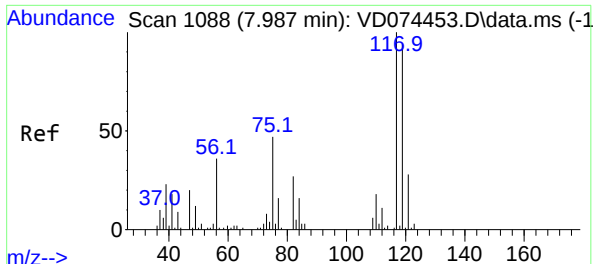
Ion Ratio Lower Upper

75 100

110 2.5 19.7 59.0#

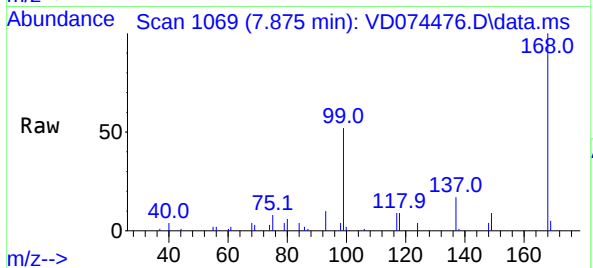
77 0.0 25.4 38.2#



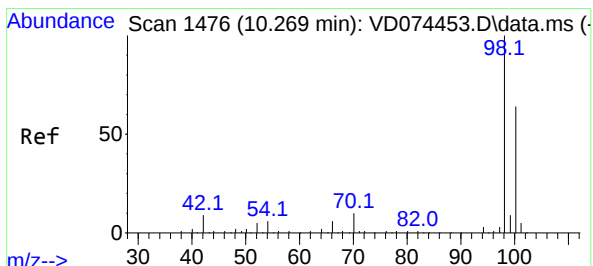
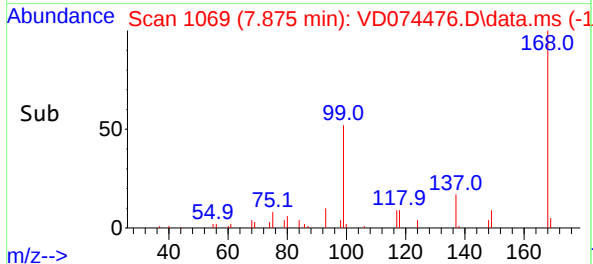
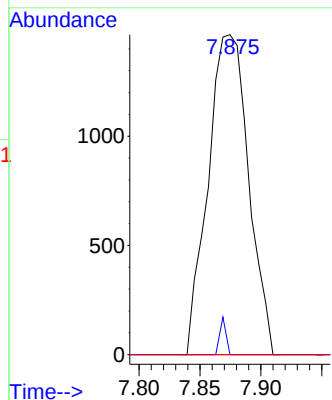


#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

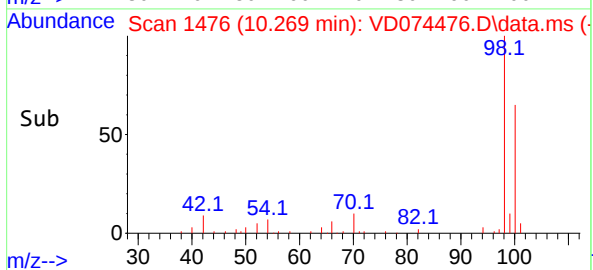
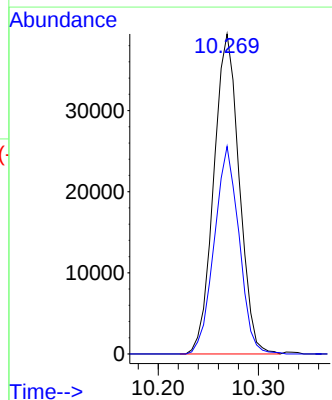
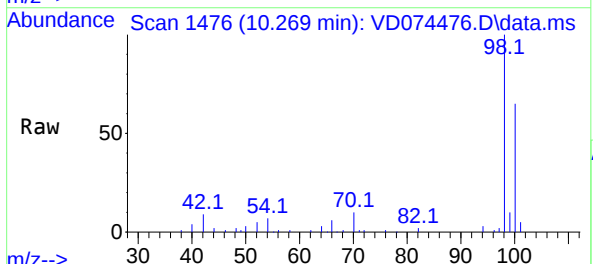


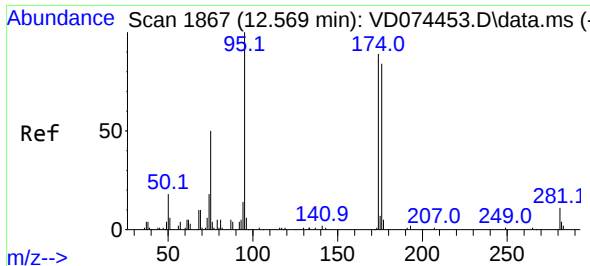
Tgt Ion:117 Resp: 3388
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 40.443 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Tgt Ion: 98 Resp: 69587
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0

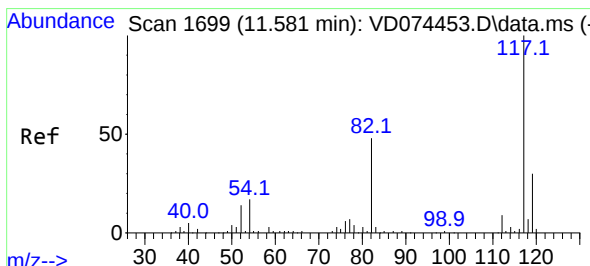
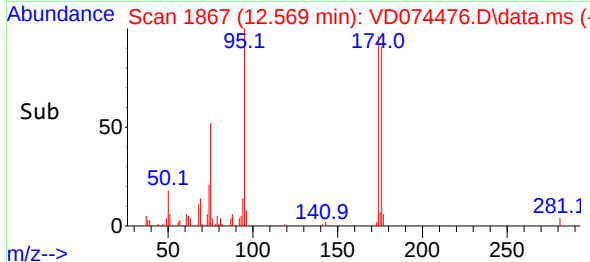
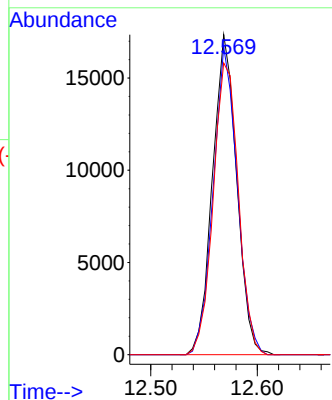
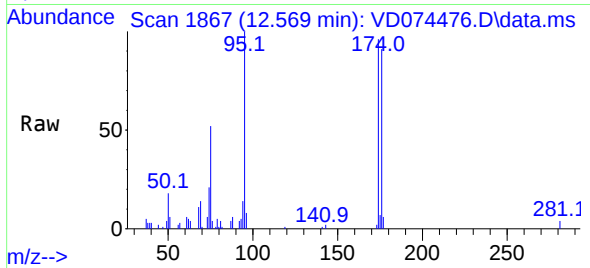




#62
4-Bromofluorobenzene
Concen: 51.010 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

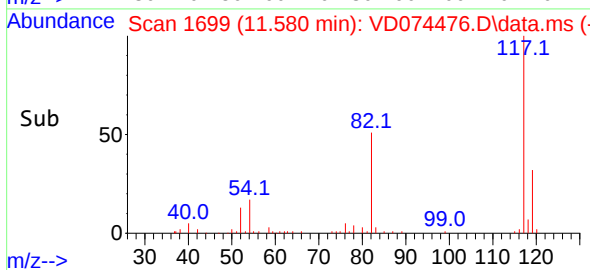
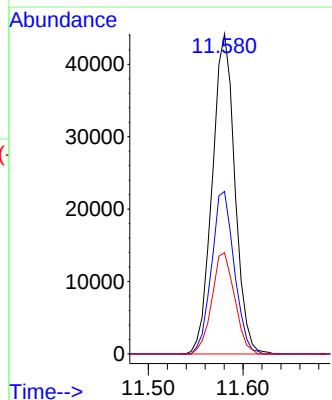
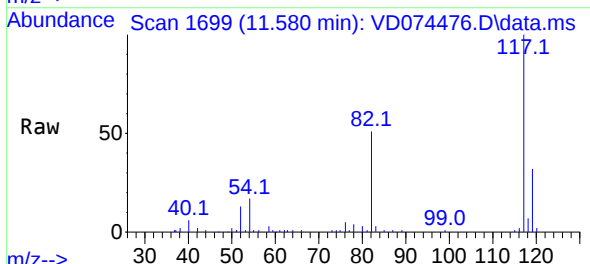
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

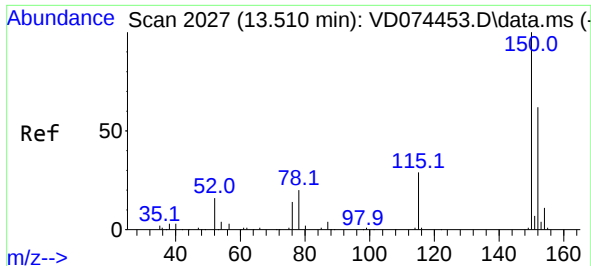
Tgt Ion:	95	Resp:	27299
Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	197.0
176	95.0	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

Tgt Ion:	117	Resp:	73276
Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.6	62.4
119	31.7	25.2	37.8

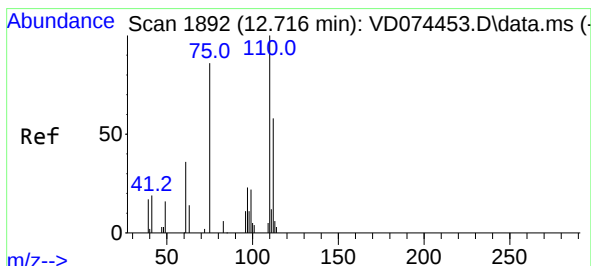
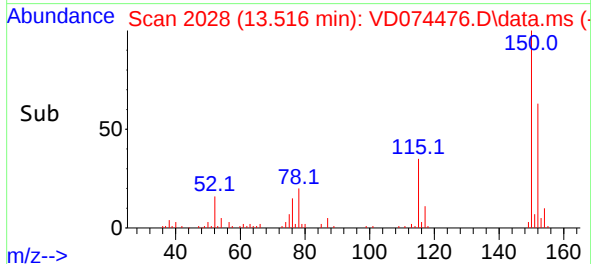
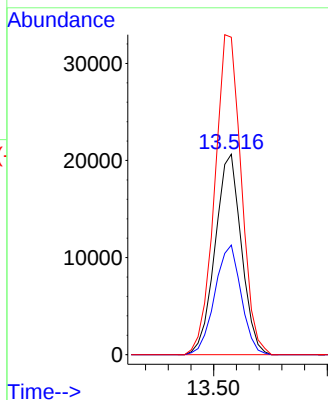
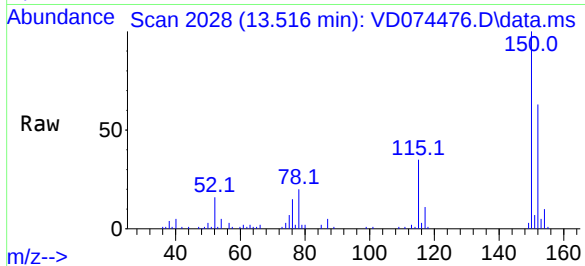




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.005 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

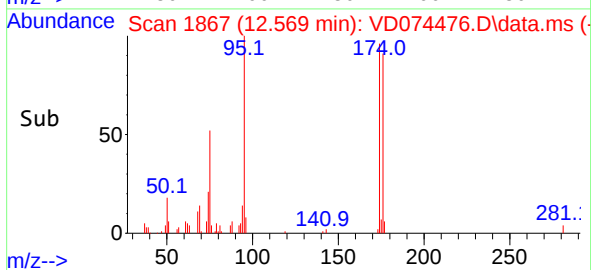
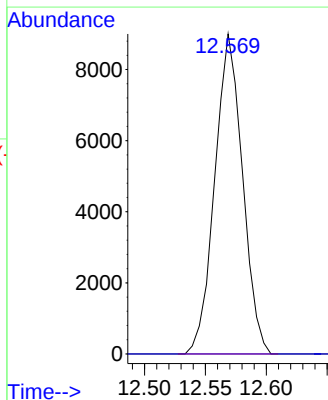
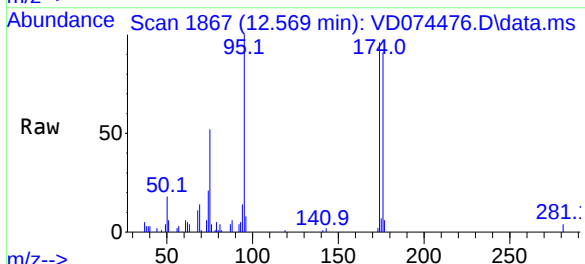
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

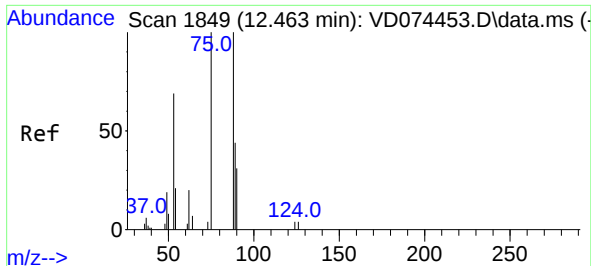
Tgt Ion:152 Resp: 33174
Ion Ratio Lower Upper
152 100
115 55.0 26.8 80.4
150 160.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 56.056 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074476.D
Acq: 06 Oct 2022 19:52

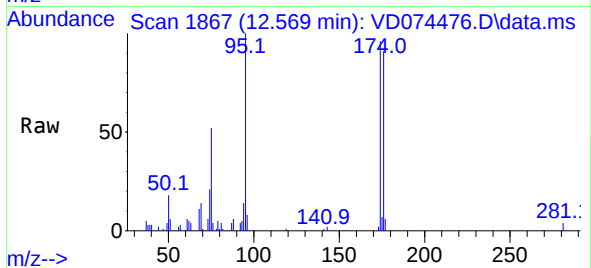
Tgt Ion: 75 Resp: 14275
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.068 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD074476.D
 Acq: 06 Oct 2022 19:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-0-2.0



Tgt Ion: 75 Resp: 14275

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

