

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074494.D
 Acq On : 07 Oct 2022 16:48
 Operator : VA/SY
 Sample : N5014-15RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 02:25:28 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)

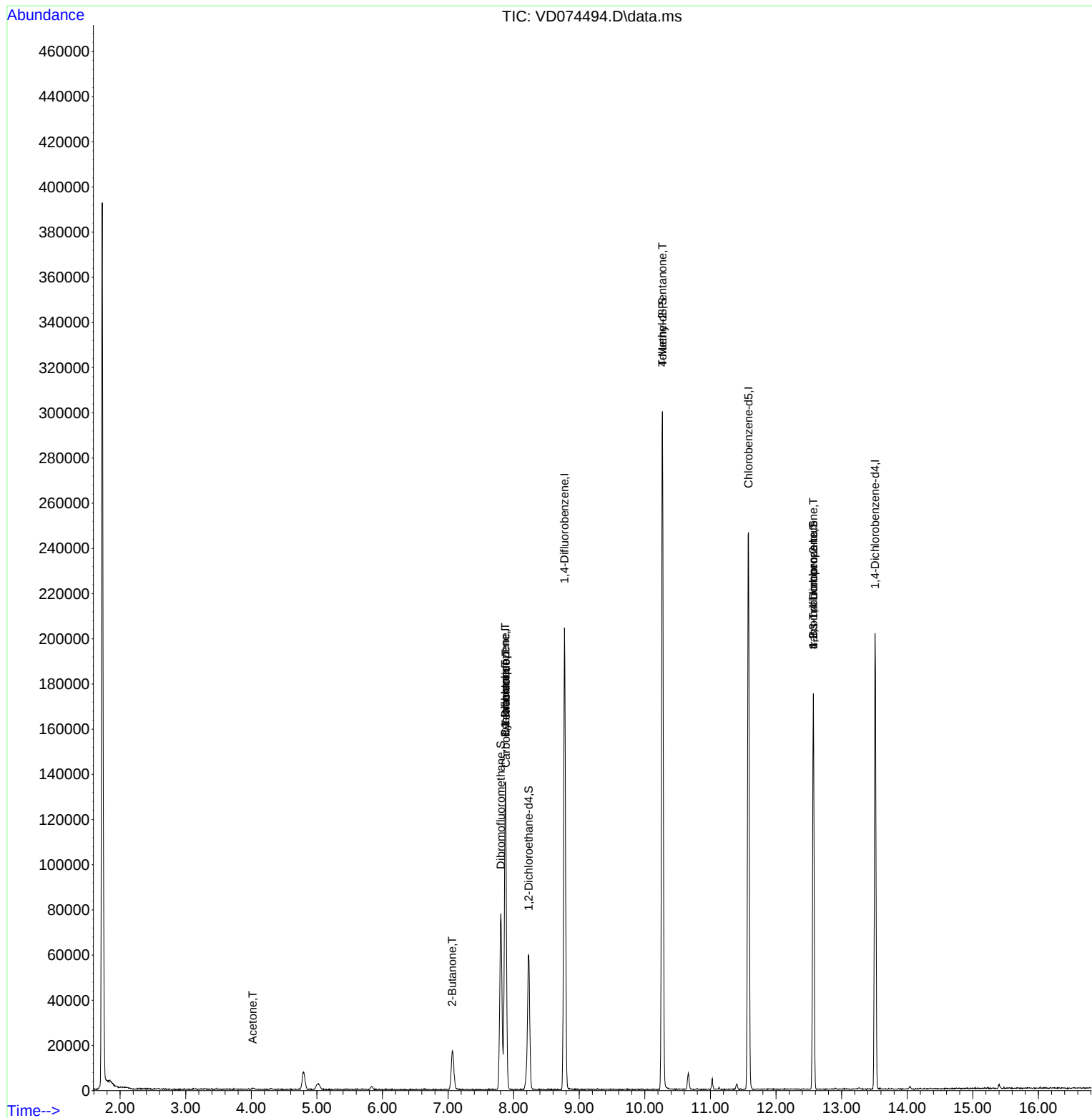
Internal Standards						
1) Pentafluorobenzene	7.875	168	107385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	155893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	56588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46923	49.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.360%		
35) Dibromofluoromethane	7.804	113	57054	45.740	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.480%		
50) Toluene-d8	10.269	98	219061	48.150	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.300%		
62) 4-Bromofluorobenzene	12.569	95	51395	34.599	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	69.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.005	59	1042	Below Cal	#	84
16) Acetone	4.022	43	787	14.820	ug/l #	71
20) Methylene Chloride	4.793	84	6970	Below Cal		96
25) 2-Butanone	7.063	43	387	1.414	ug/l #	42
31) Cyclohexane	7.875	56	2064	1.077	ug/l #	12
36) 1,1-Dichloropropene	7.875	75	7967	4.550	ug/l #	48
38) Carbon Tetrachloride	7.881	117	10583	6.821	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	707	1.297	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	26389	60.750	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	26389	135.540	ug/l #	17

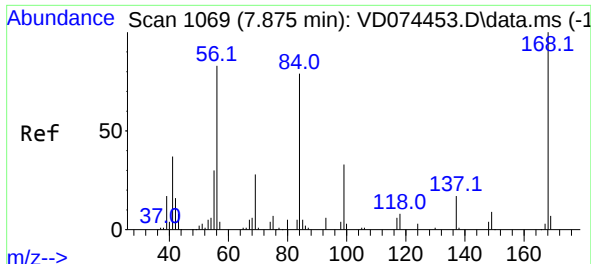
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

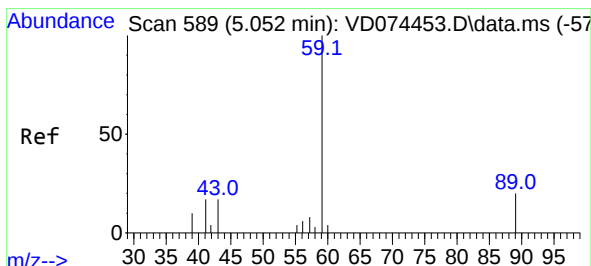
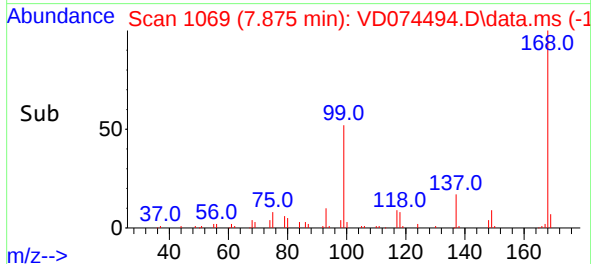
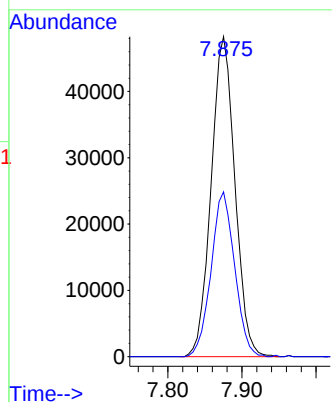
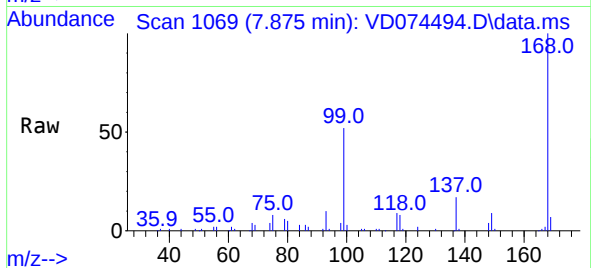




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

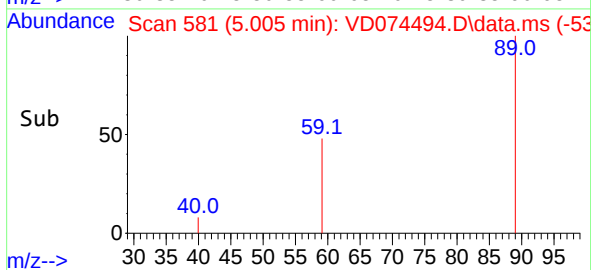
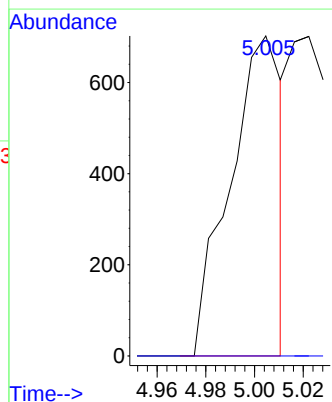
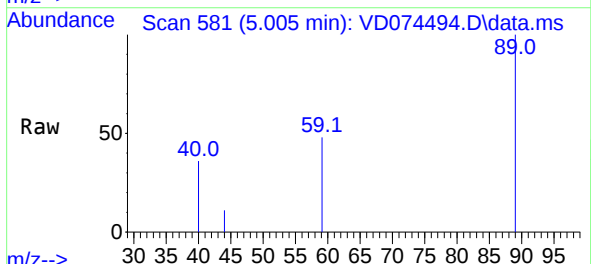
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 107385
Ion Ratio Lower Upper
168 100
99 51.5 40.9 61.3

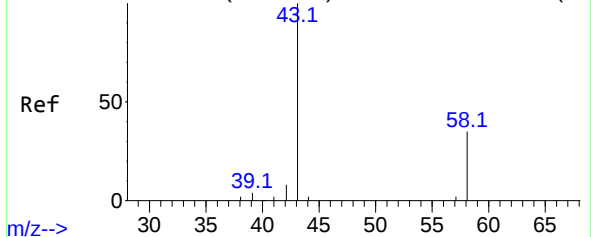


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.005 min Scan# 581
Delta R.T. -0.047 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

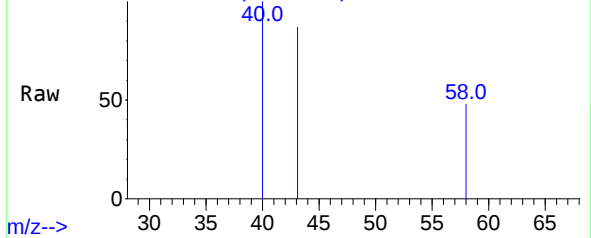
Tgt Ion: 59 Resp: 1042
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



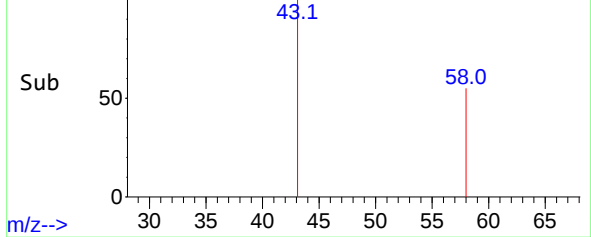
Abundance Scan 414 (4.022 min): VD074453.D\data.ms (-40



m/z--> Scan 414 (4.022 min): VD074494.D\data.ms



m/z--> Abundance Scan 414 (4.022 min): VD074494.D\data.ms (-36



m/z-->

#16

Acetone

Concen: 14.820 ug/l

RT: 4.022 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD074494.D

Acq: 07 Oct 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

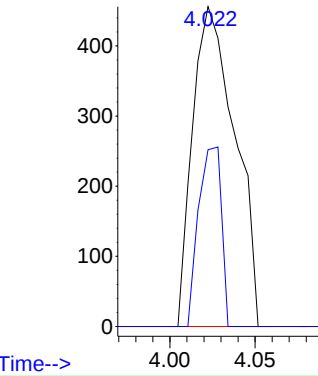
Tgt Ion: 43 Resp: 787

Ion Ratio Lower Upper

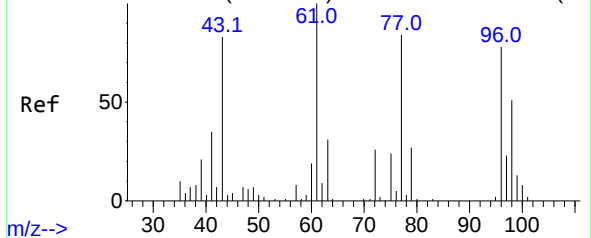
43 100

58 55.3 30.2 45.2#

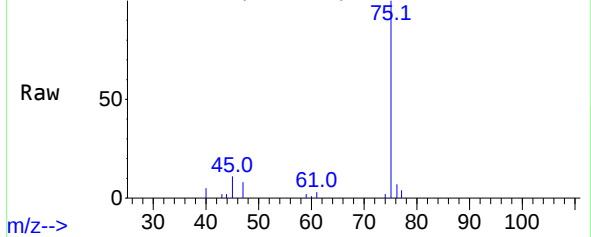
Abundance



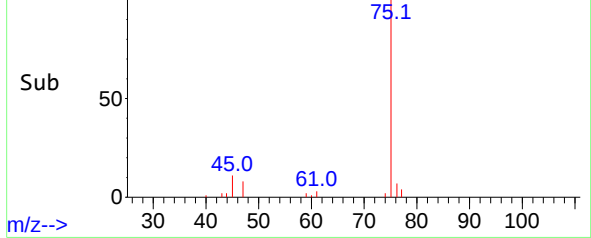
Abundance Scan 934 (7.081 min): VD074453.D\data.ms (-92



m/z--> Scan 931 (7.063 min): VD074494.D\data.ms



m/z--> Abundance Scan 931 (7.063 min): VD074494.D\data.ms (-86



m/z-->

#25

2-Butanone

Concen: 1.414 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.018 min

Lab File: VD074494.D

Acq: 07 Oct 2022 16:48

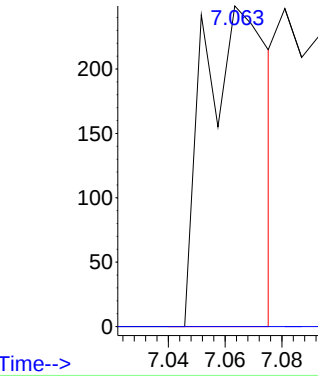
Tgt Ion: 43 Resp: 387

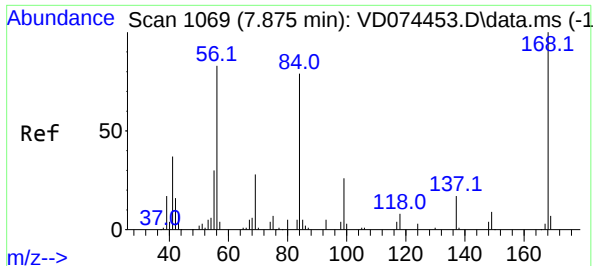
Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#

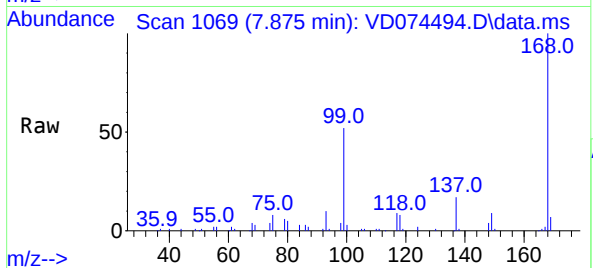
Abundance



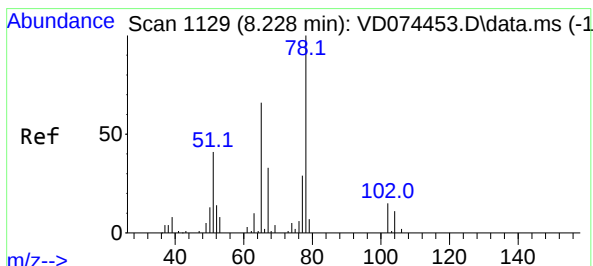
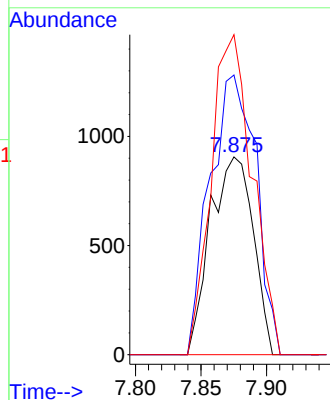
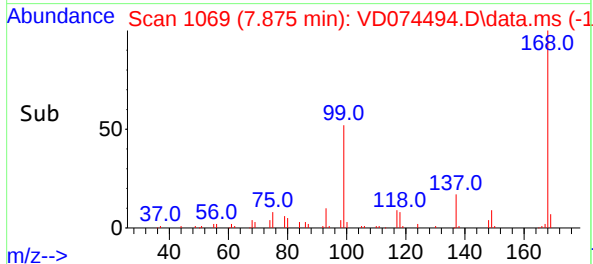


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :

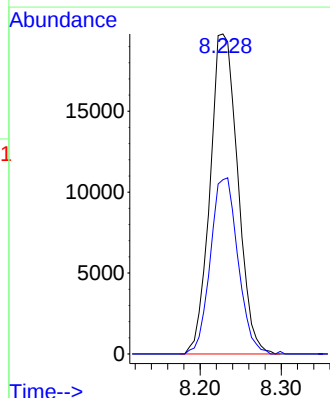
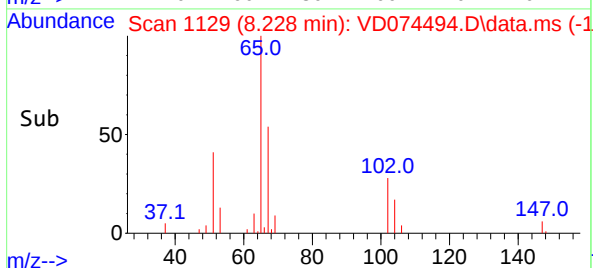
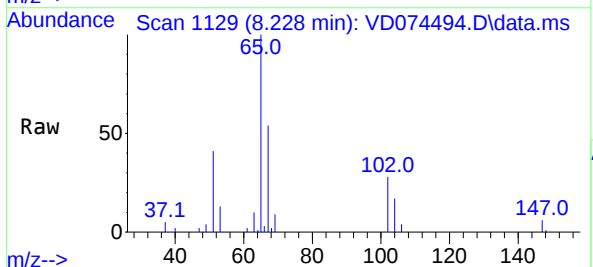


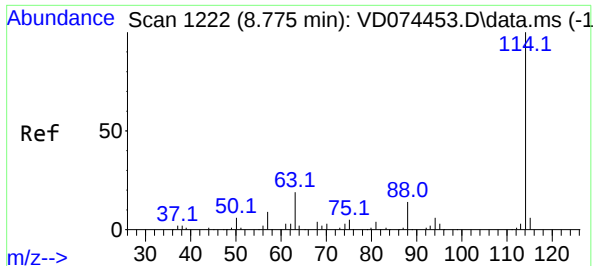
Tgt Ion: 56 Resp: 2064
Ion Ratio Lower Upper
56 100
69 141.4 29.2 43.8#
84 161.8 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 49.181 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

Tgt Ion: 65 Resp: 46923
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2

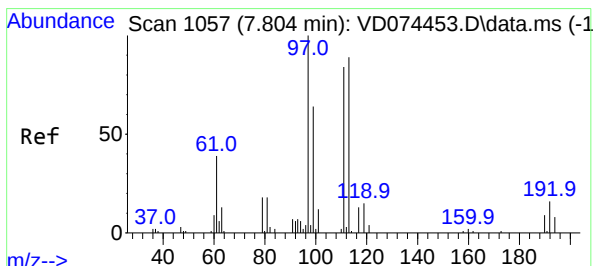
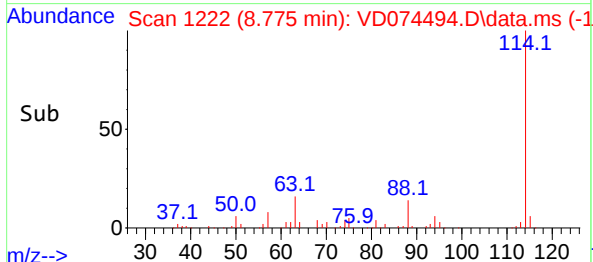
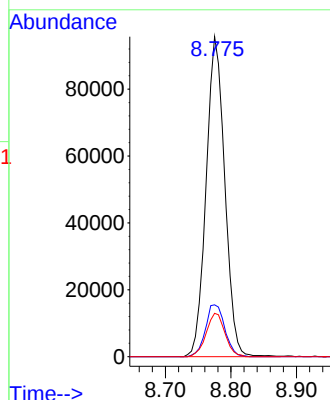
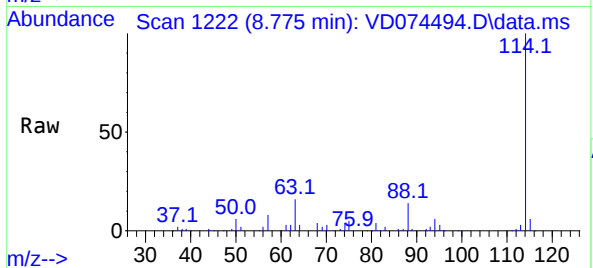




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

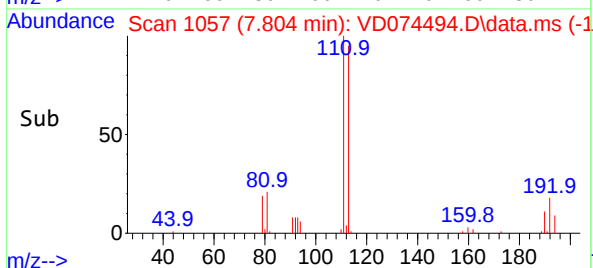
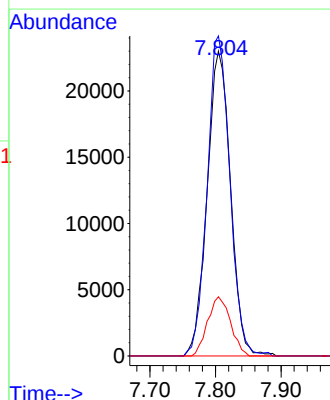
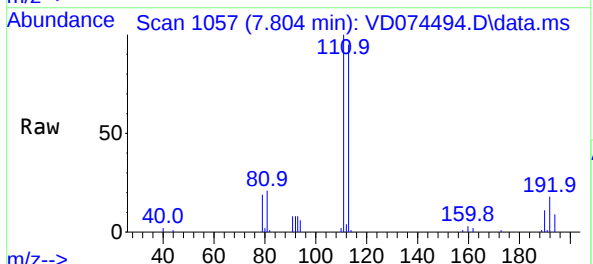
Instrument :
MSVOA_D
ClientSampleId :

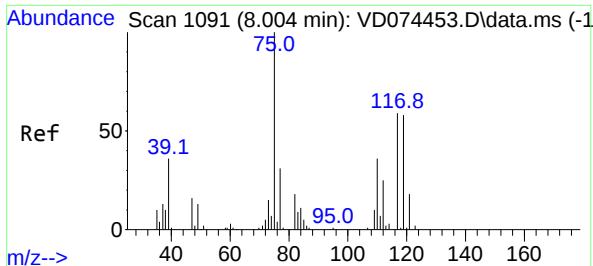
Tgt Ion:114 Resp: 189161
Ion Ratio Lower Upper
114 100
63 16.2 0.0 33.2
88 13.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 45.740 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

Tgt Ion:113 Resp: 57054
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 18.9 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.550 ug/l

RT: 7.875 min Scan# 1091

Delta R.T. -0.129 min

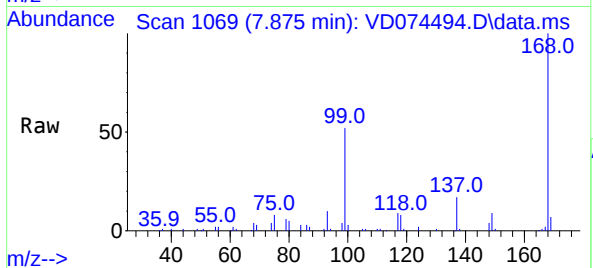
Lab File: VD074494.D

Acq: 07 Oct 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :



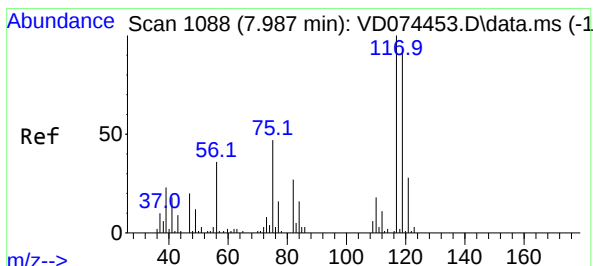
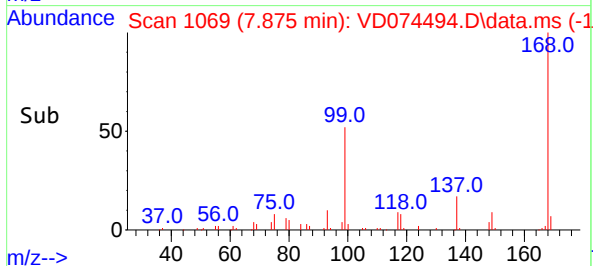
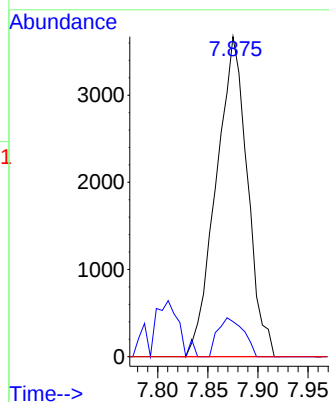
Tgt Ion: 75 Resp: 7967

Ion Ratio Lower Upper

75 100

110 10.1 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.821 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074494.D

Acq: 07 Oct 2022 16:48

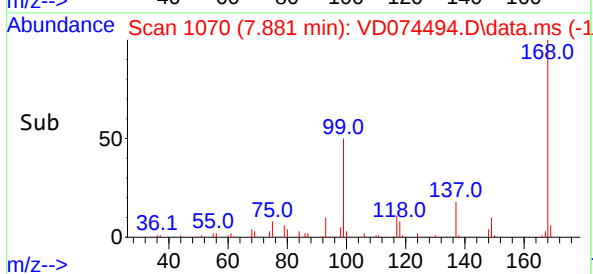
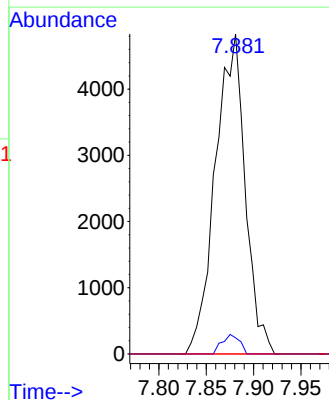
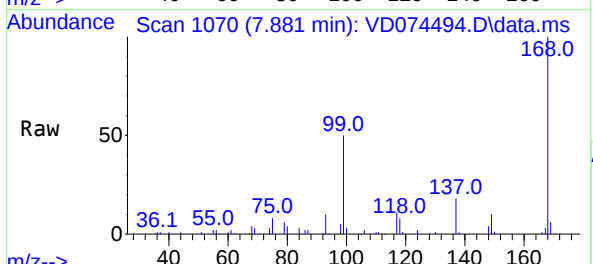
Tgt Ion: 117 Resp: 10583

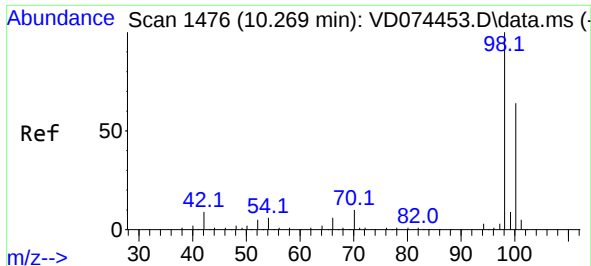
Ion Ratio Lower Upper

117 100

119 5.1 73.1 109.7#

121 0.0 25.0 37.6#

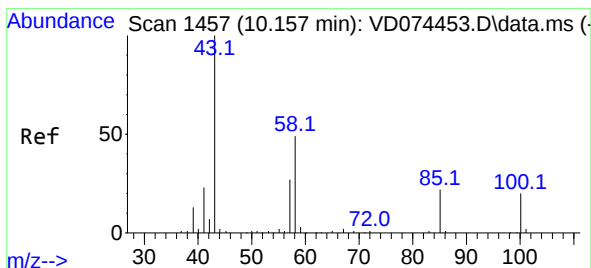
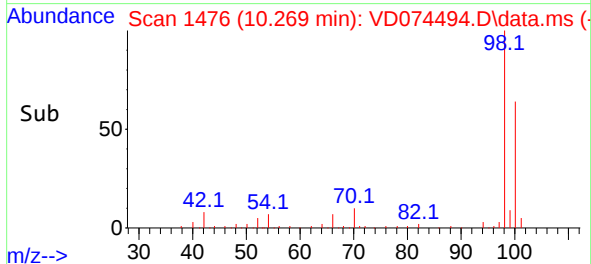
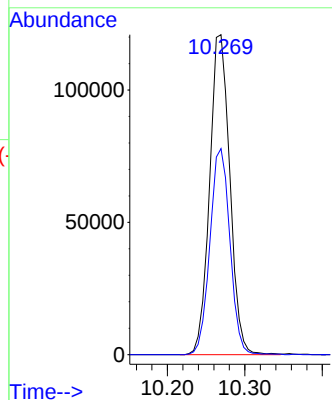
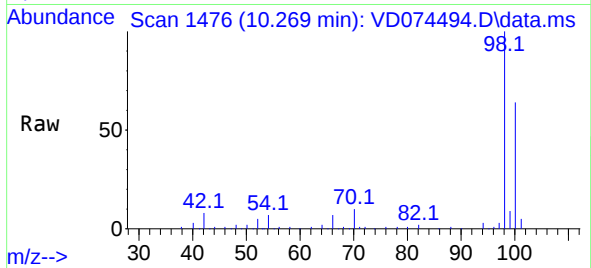




#50
Toluene-d8
Concen: 48.150 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

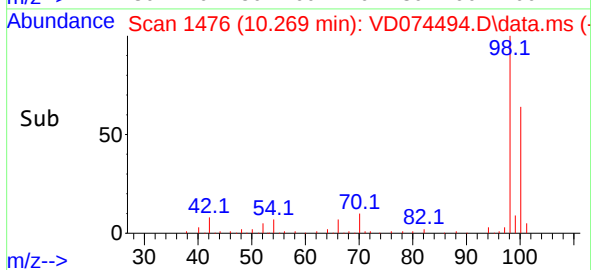
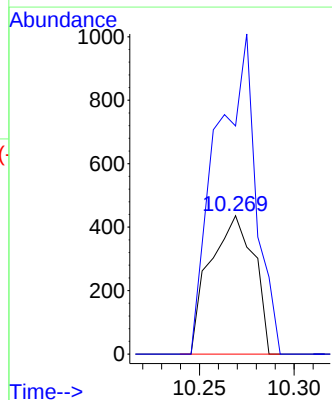
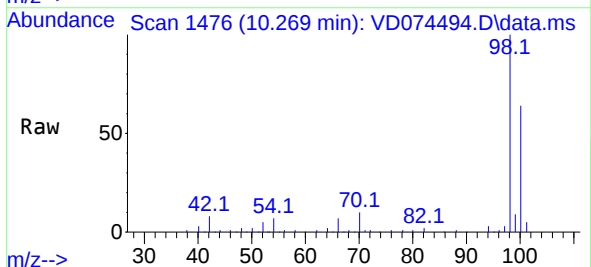
Instrument :
MSVOA_D
ClientSampleId :

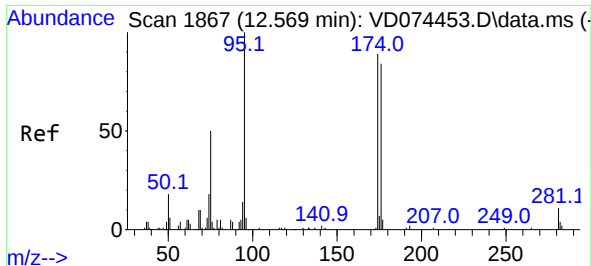
Tgt Ion: 98 Resp: 219061
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.297 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
58 207.2 37.8 56.6#

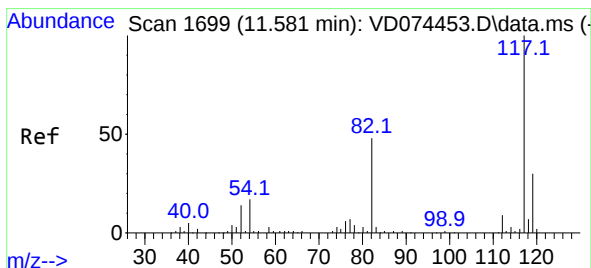
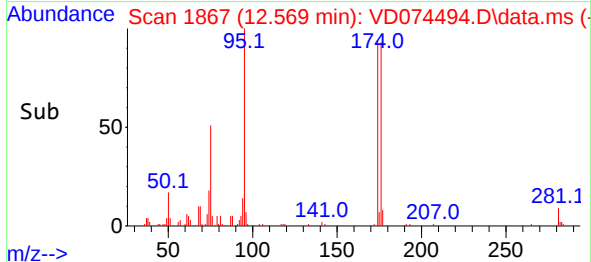
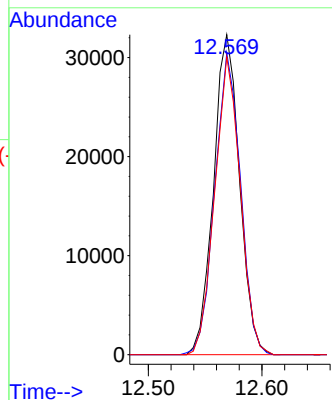
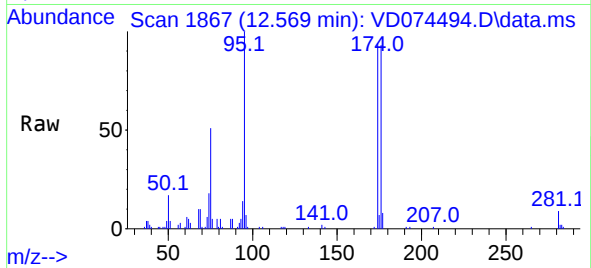




#62
4-Bromofluorobenzene
Concen: 34.599 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

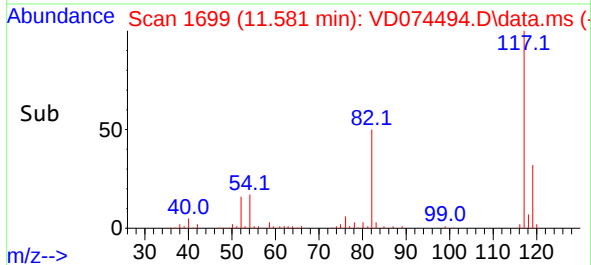
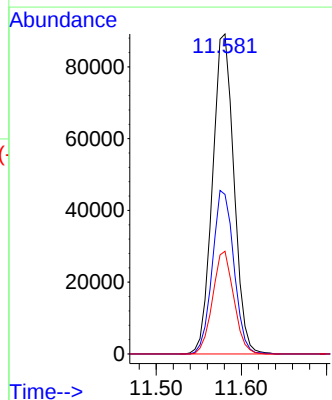
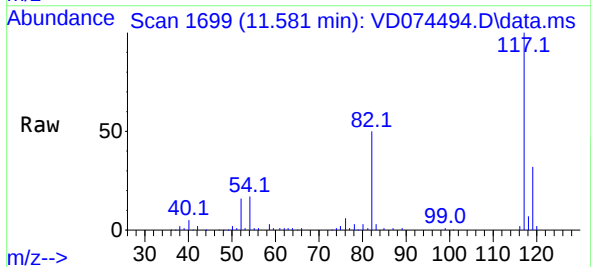
Instrument :
MSVOA_D
ClientSampleId :

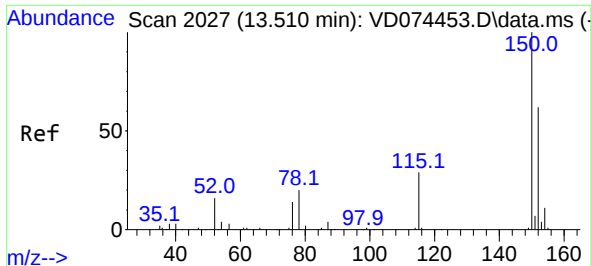
Tgt Ion:	95	Resp:	51395
Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	197.0
176	91.2	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

Tgt Ion:	117	Resp:	155893
Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.6	62.4
119	32.1	25.2	37.8

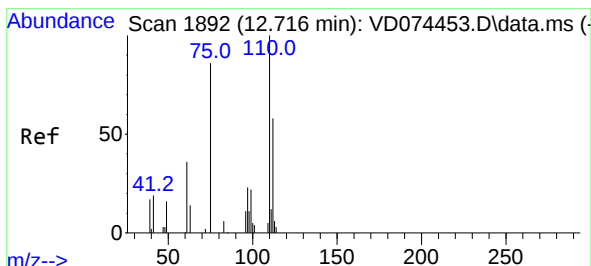
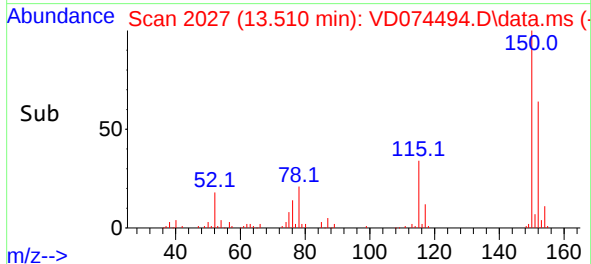
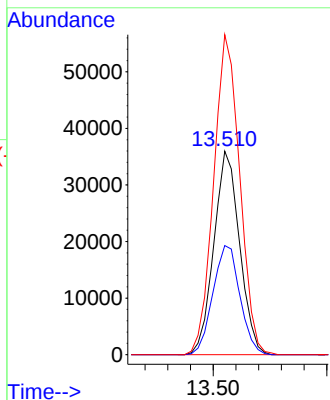
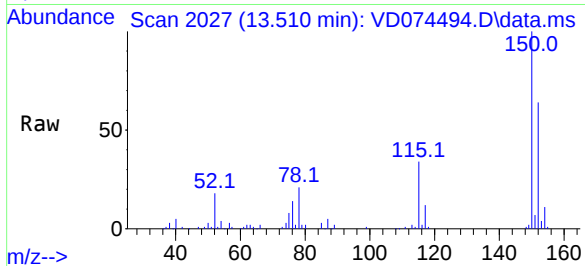




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

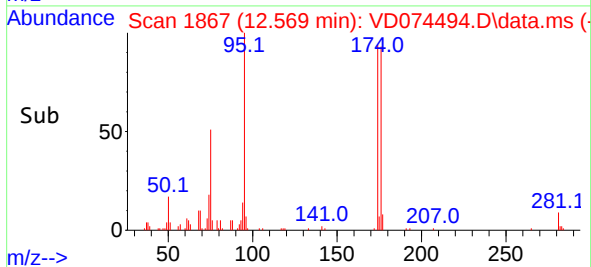
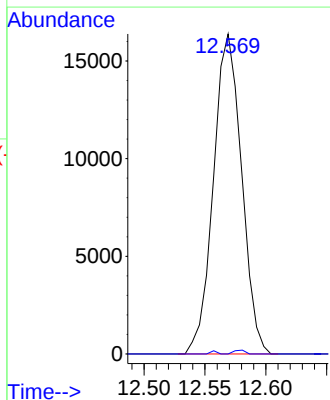
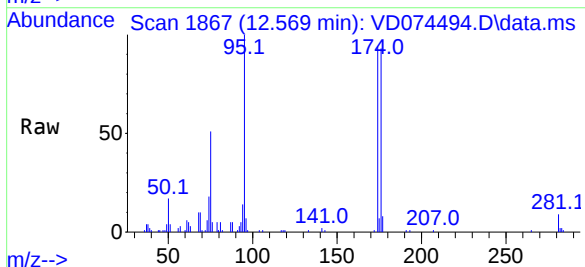
Instrument :
MSVOA_D
ClientSampleId :

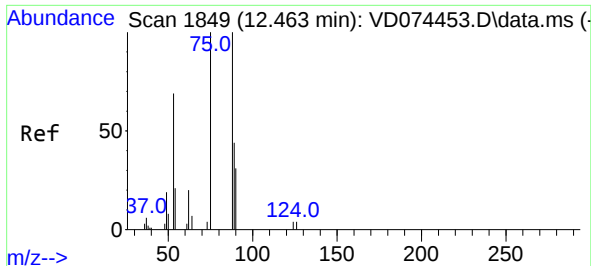
Tgt Ion:152 Resp: 56588
Ion Ratio Lower Upper
152 100
115 56.3 26.8 80.4
150 159.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 60.750 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

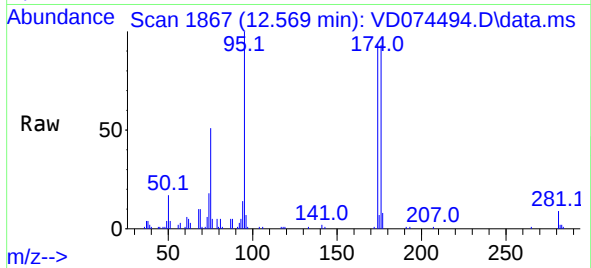
Tgt Ion: 75 Resp: 26389
Ion Ratio Lower Upper
75 100
77 0.5 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.540 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074494.D
Acq: 07 Oct 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 26389

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

