

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
 Data File : VD071674.D
 Acq On : 11 Jan 2022 17:02
 Operator : VA/SY
 Sample : N1107-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-03-011122

Quant Time: Jan 12 04:27:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

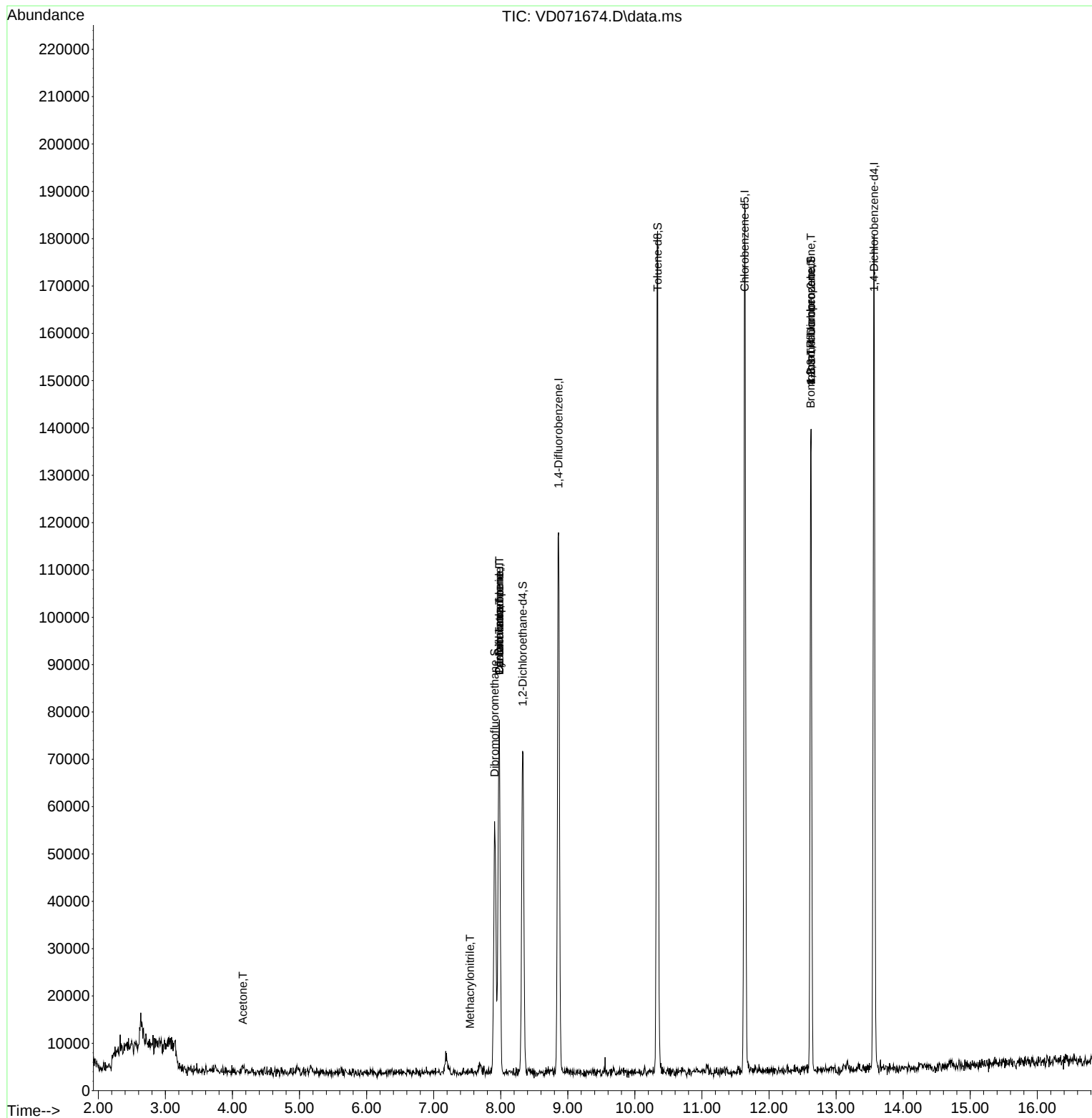
Internal Standards						
1) Pentafluorobenzene	7.979	168	48412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	91176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	92404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	41732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	57560	92.403	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 184.800%#			
35) Dibromofluoromethane	7.909	113	35775	59.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.740%			
50) Toluene-d8	10.338	98	115063	51.013	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.626	95	42396	53.341	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.680%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	87	Below Cal	#	43
11) Tert butyl alcohol	5.209	59	62	Below Cal	#	75
16) Acetone	4.156	43	1043	7.252	ug/l #	49
18) Methyl Acetate	4.720	43	74	Below Cal	#	56
20) Methylene Chloride	4.956	84	322	Below Cal	#	1
31) Cyclohexane	7.979	56	1551	2.108	ug/l #	38
36) 1,1-Dichloropropene	7.979	75	4468	5.198	ug/l #	48
38) Carbon Tetrachloride	7.979	117	5781	6.641	ug/l #	14
41) Methacrylonitrile	7.544	41	119	1.603	ug/l #	55
71) Bromoform	12.620	173	572	1.747	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	23469	58.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	23469	162.255	ug/l #	3

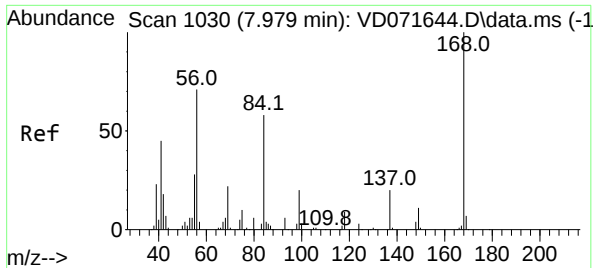
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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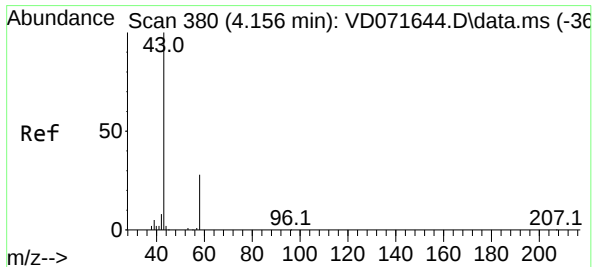
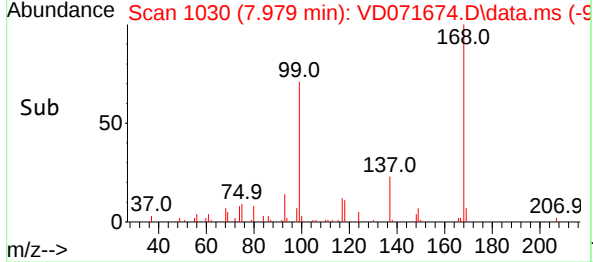
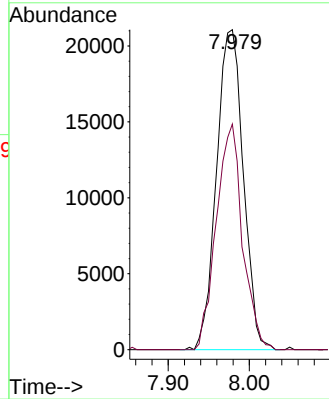
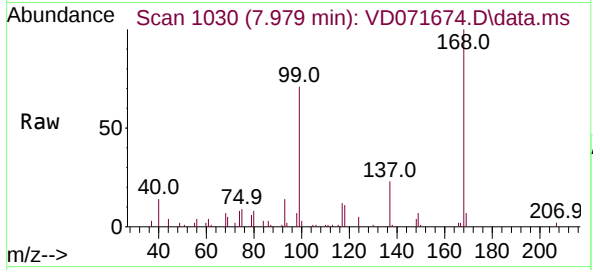




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

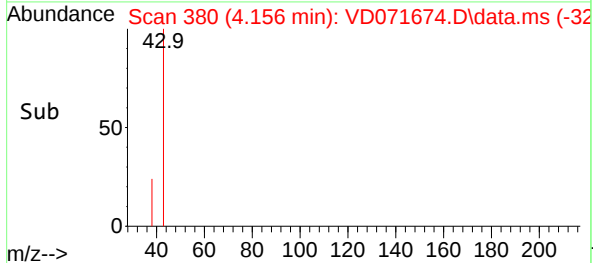
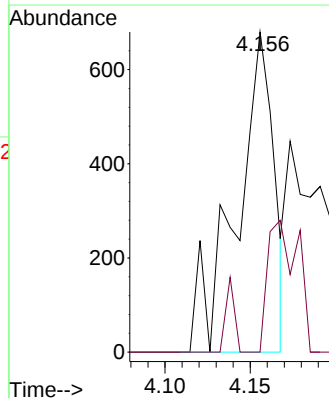
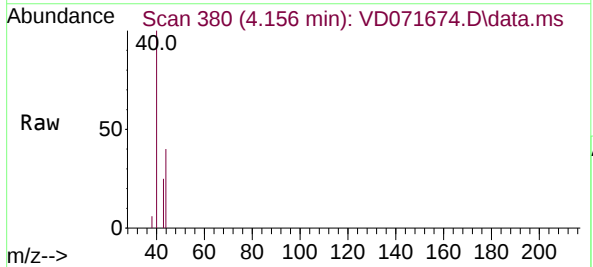
Instrument :
MSVOA_D
ClientSampleId :
PT-03-011122

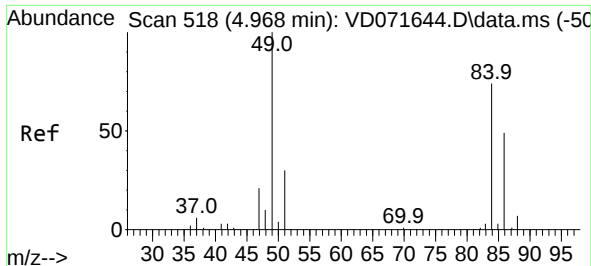
Tgt Ion:168 Resp: 48412
Ion Ratio Lower Upper
168 100
99 70.5 51.8 77.6



#16
Acetone
Concen: 7.252 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

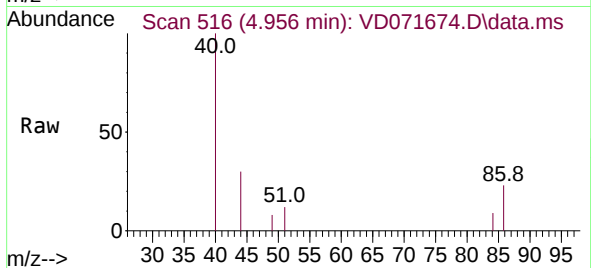
Tgt Ion: 43 Resp: 1043
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#



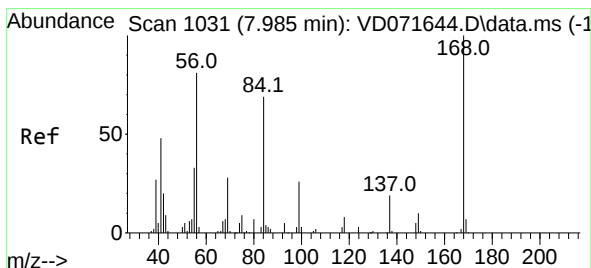
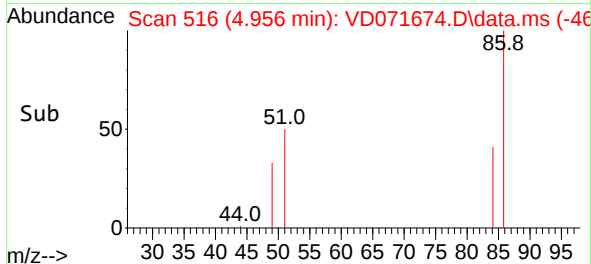
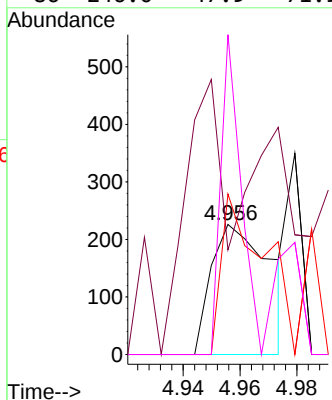


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Instrument :
MSVOA_D
ClientSampleId :
PT-03-011122

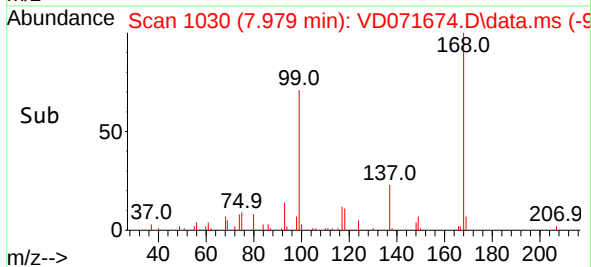
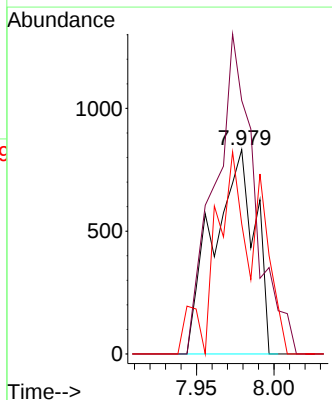
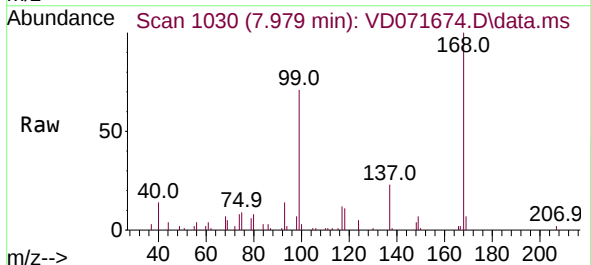


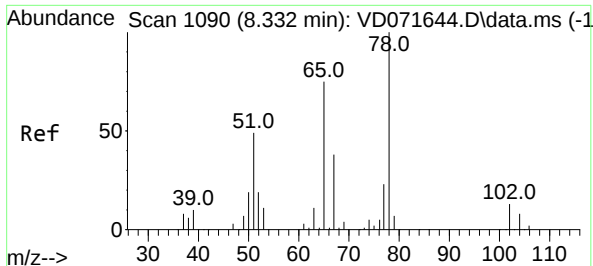
Tgt Ion: 84	Resp:	322	
Ion	Ratio	Lower	Upper
84	100		
49	0.0	118.6	178.0#
51	123.5	37.8	56.6#
86	246.0	47.9	71.9#



#31
Cyclohexane
Concen: 2.108 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Tgt Ion: 56	Resp:	1551	
Ion	Ratio	Lower	Upper
56	100		
69	124.0	21.7	32.5#
84	63.7	65.7	98.5#

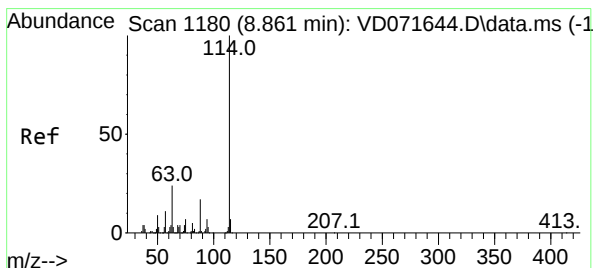
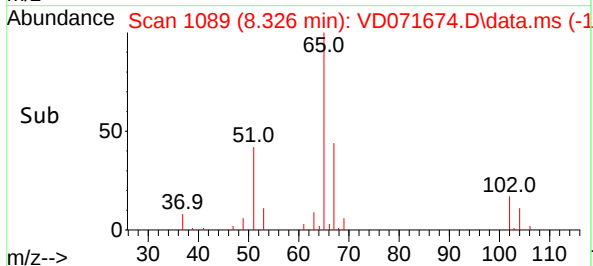
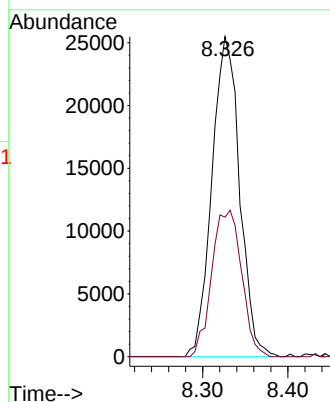
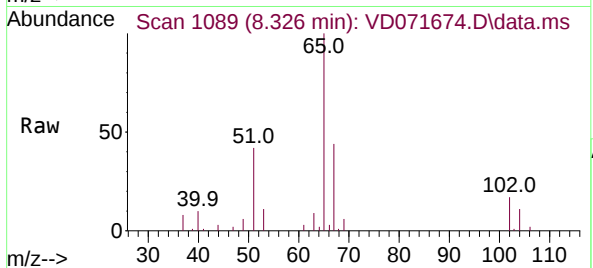




#33
1,2-Dichloroethane-d4
Concen: 92.403 ug/l
RT: 8.326 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

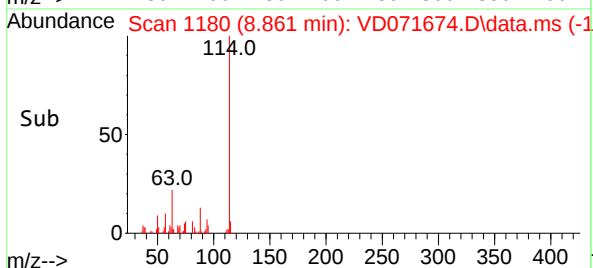
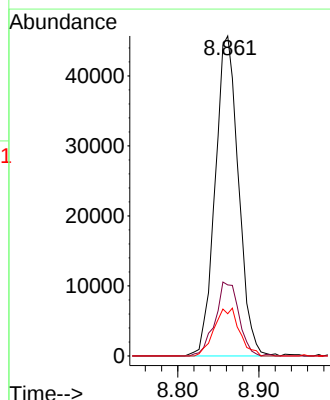
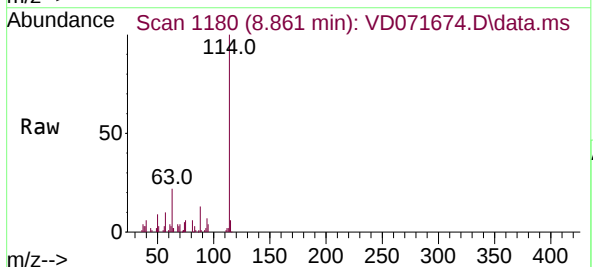
Instrument :
MSVOA_D
ClientSampleId :
PT-03-011122

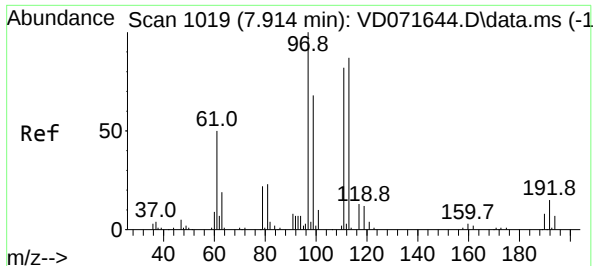
Tgt Ion: 65 Resp: 57560
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Tgt Ion: 114 Resp: 91176
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.2
88 13.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 59.372 ug/l

RT: 7.909 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD071674.D

Acq: 11 Jan 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

PT-03-011122

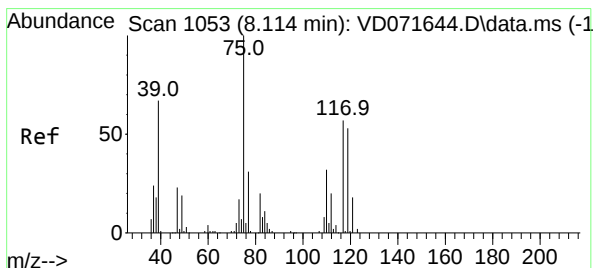
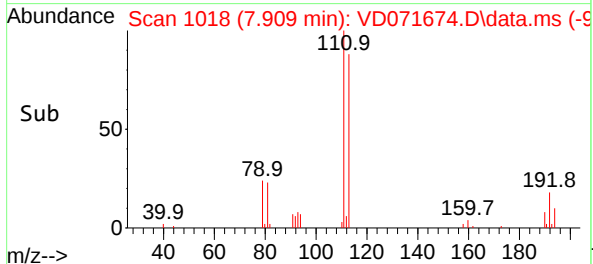
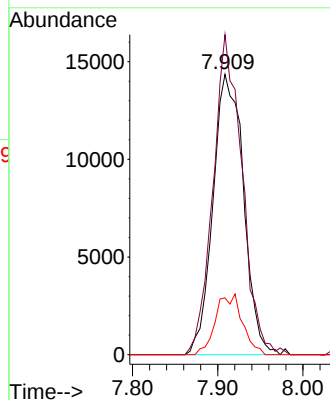
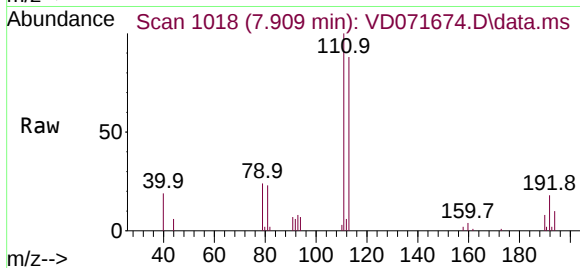
Tgt Ion:113 Resp: 35775

Ion Ratio Lower Upper

113 100

111 108.2 82.2 123.4

192 19.0 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.198 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071674.D

Acq: 11 Jan 2022 17:02

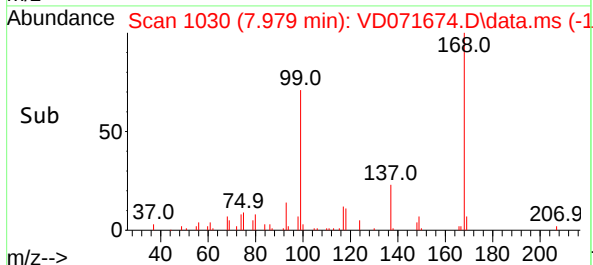
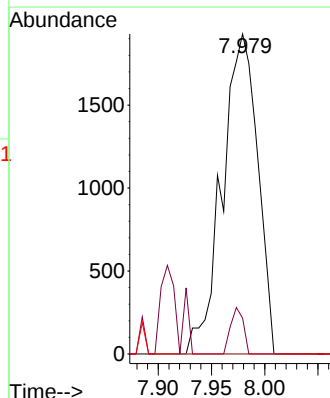
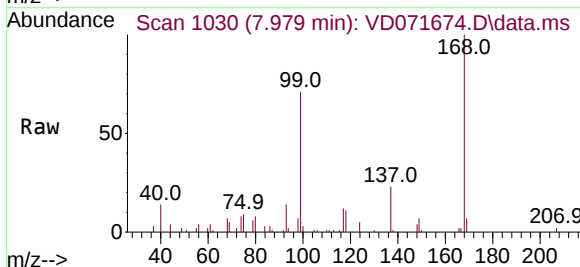
Tgt Ion: 75 Resp: 4468

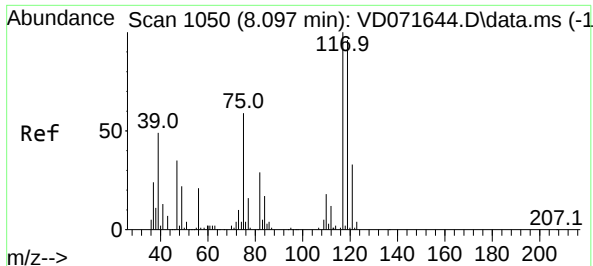
Ion Ratio Lower Upper

75 100

110 5.2 16.0 48.0#

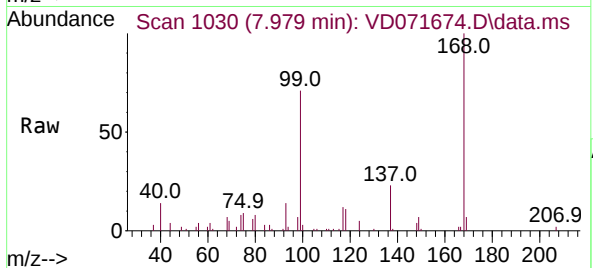
77 0.0 24.5 36.7#



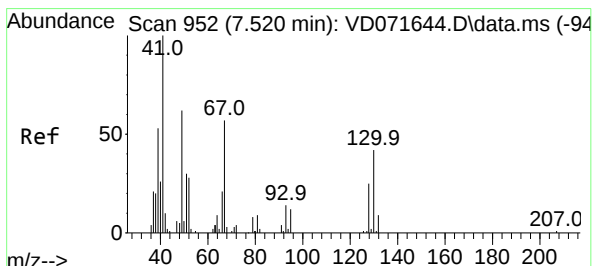
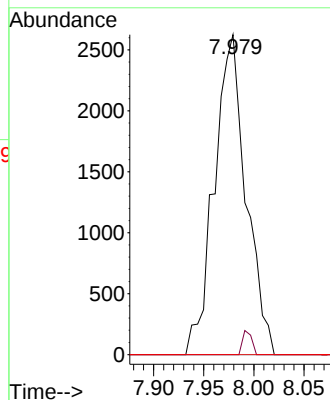
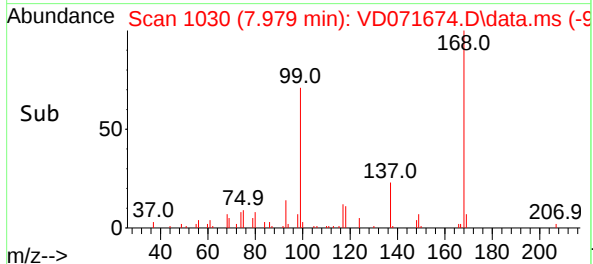


#38
Carbon Tetrachloride
Concen: 6.641 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Instrument :
MSVOA_D
ClientSampleId :
PT-03-011122

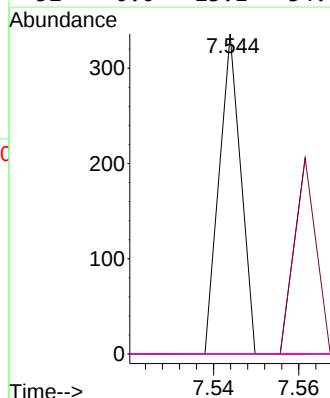
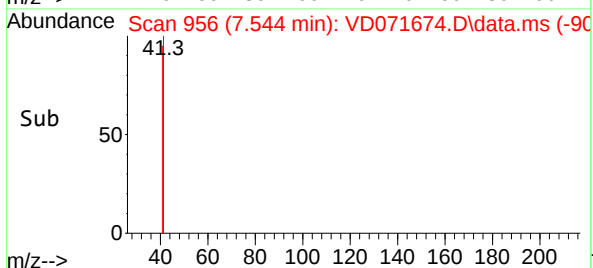
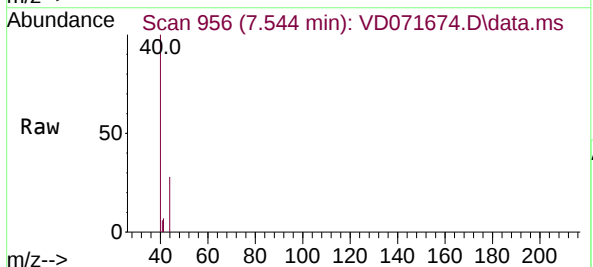


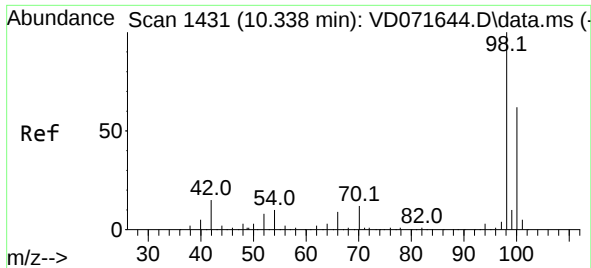
Tgt Ion:117 Resp: 5781
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.603 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.024 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Tgt Ion: 41 Resp: 119
Ion Ratio Lower Upper
41 100
39 61.3 46.9 70.3
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

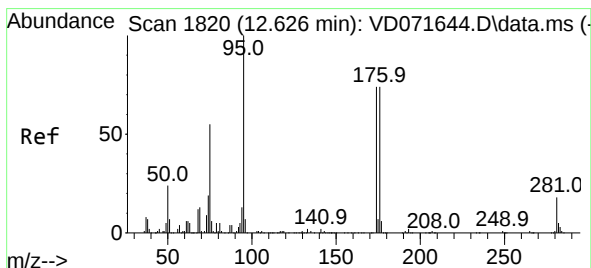
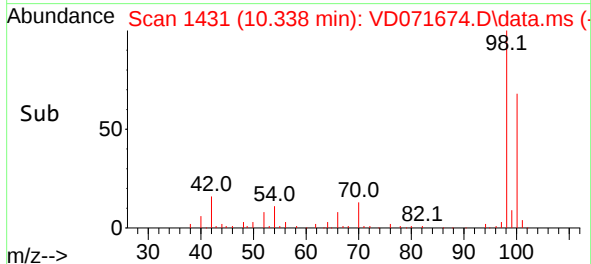
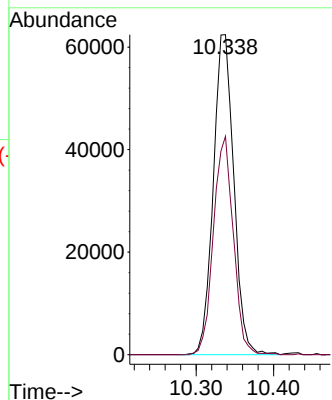
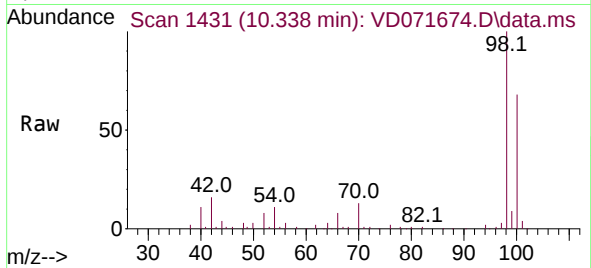




#50
Toluene-d8
Concen: 51.013 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

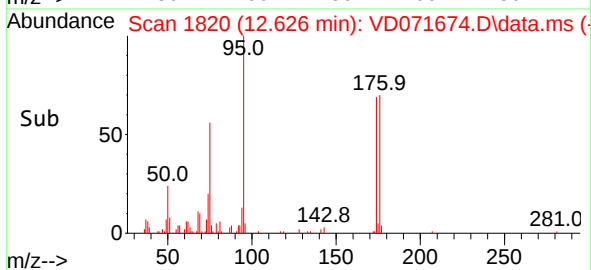
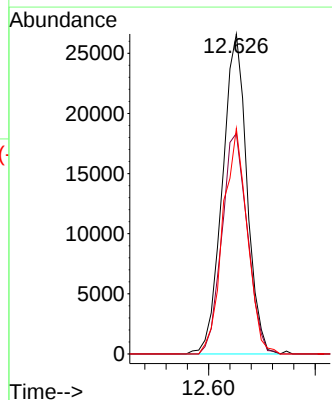
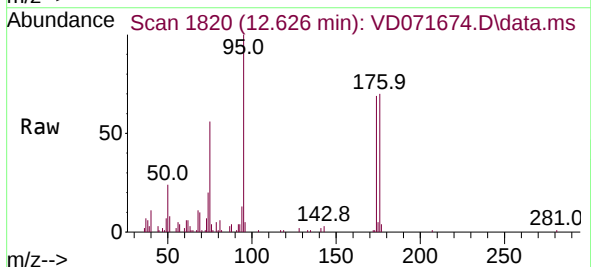
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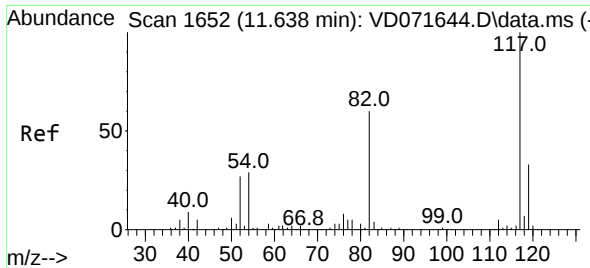
Tgt Ion: 98 Resp: 115063
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Tgt Ion: 95 Resp: 42396
Ion Ratio Lower Upper
95 100
174 71.8 0.0 150.0
176 69.9 0.0 146.4

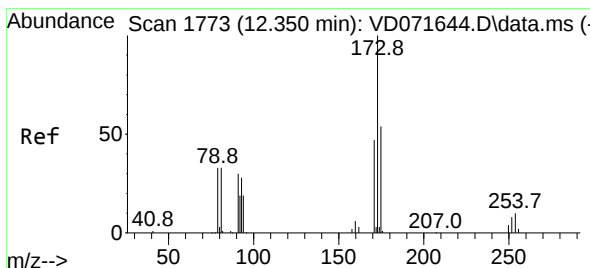
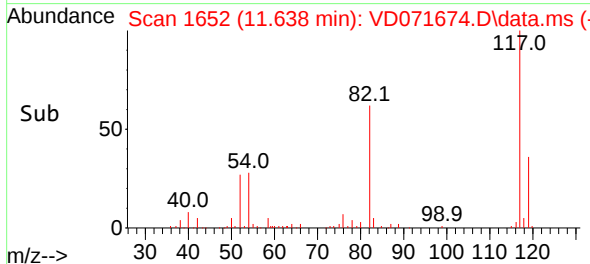
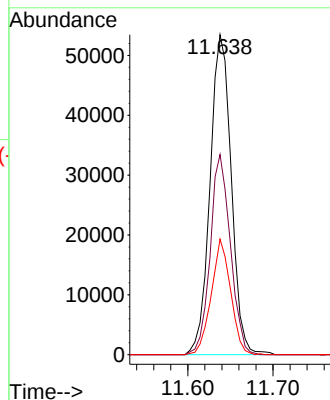
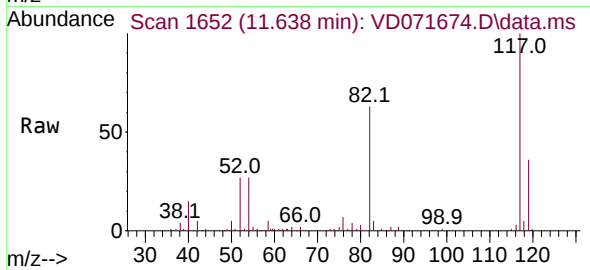




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

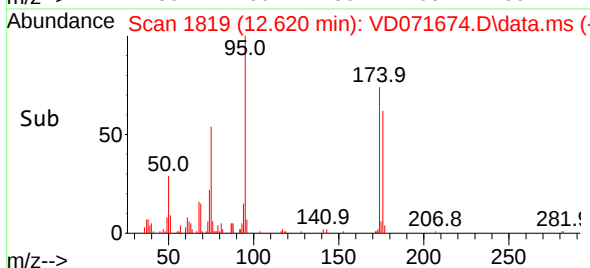
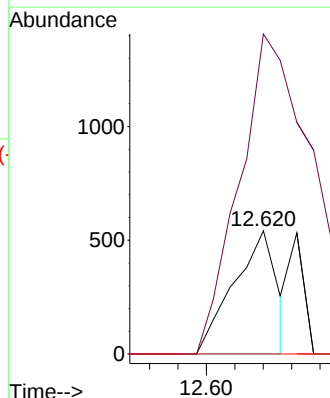
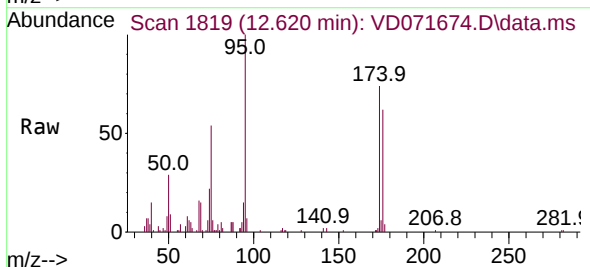
Instrument :
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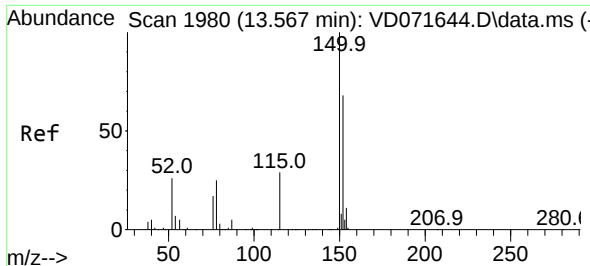
Tgt Ion:117 Resp: 92404
Ion Ratio Lower Upper
117 100
82 62.5 46.9 70.3
119 36.1 26.6 39.8



#71
Bromoform
Concen: 1.747 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Tgt Ion:173 Resp: 572
Ion Ratio Lower Upper
173 100
175 335.3 24.4 73.2#
254 0.0 0.1 0.1#

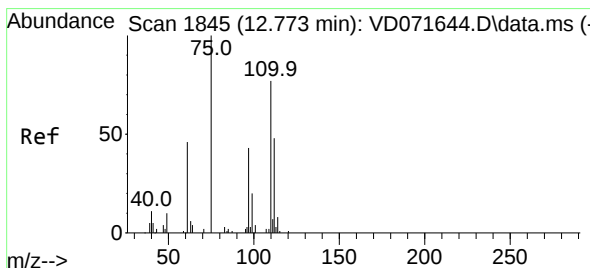
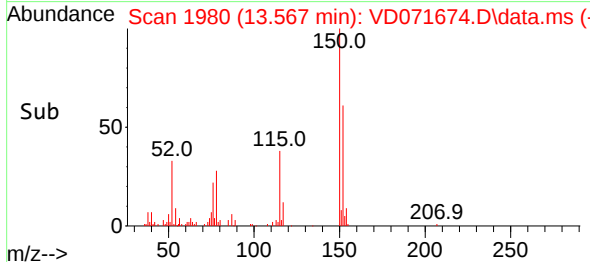
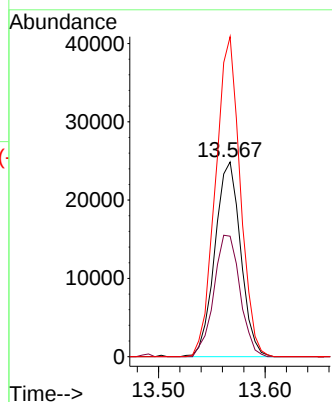
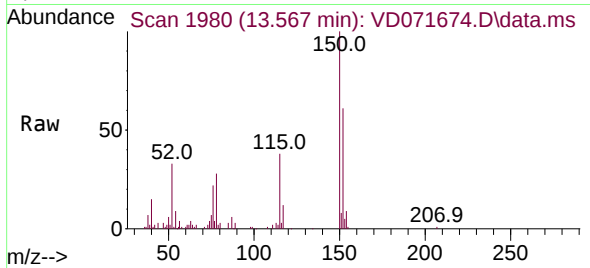




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071674.D
 Acq: 11 Jan 2022 17:02

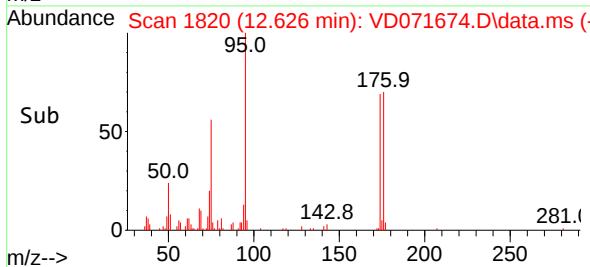
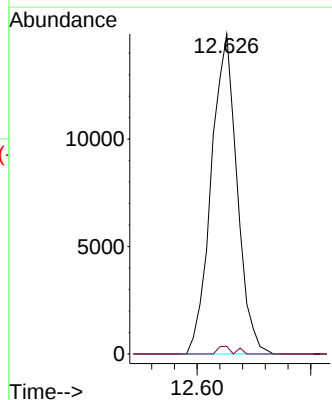
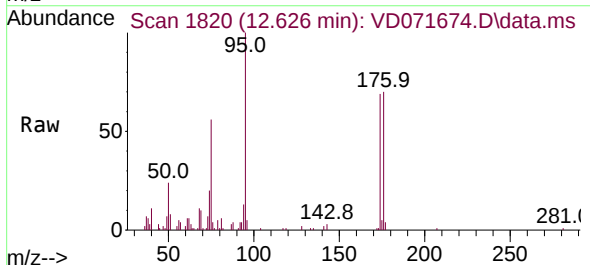
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-03-011122

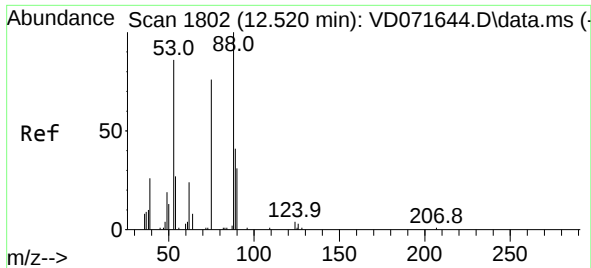
Tgt Ion:152 Resp: 41732
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.5 94.5
 150 157.7 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 58.200 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071674.D
 Acq: 11 Jan 2022 17:02

Tgt Ion: 75 Resp: 23469
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.255 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071674.D
 Acq: 11 Jan 2022 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-03-011122

Tgt Ion: 75 Resp: 23469
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.4 143.0#
 89 0.0 37.2 55.8#

