

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071598.D
 Acq On : 04 Jan 2022 17:35
 Operator : VA/SY
 Sample : M5338-06
 Misc : 6.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 05 01:29:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

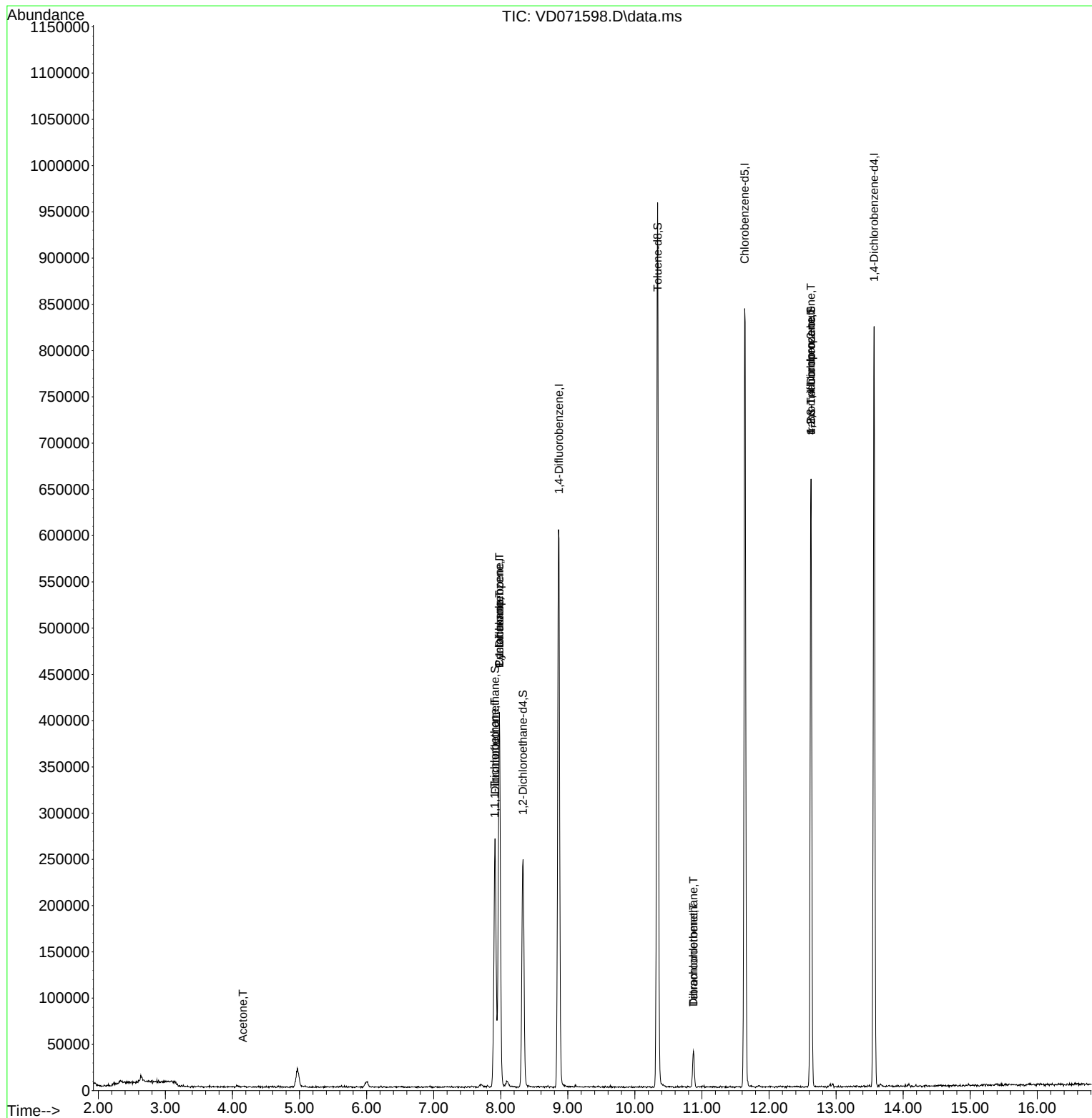
Internal Standards						
1) Pentafluorobenzene	7.979	168	272018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	482690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	444786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	195670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	203940	56.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.900%	
35) Dibromofluoromethane	7.914	113	167360	51.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.180%	
50) Toluene-d8	10.338	98	618265	50.432	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.626	95	195268	44.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.032	59	74	Below Cal	#	71
16) Acetone	4.156	43	1078	1.188	ug/l #	40
20) Methylene Chloride	4.967	84	13191	Below Cal		86
31) Cyclohexane	7.979	56	8484	1.382	ug/l #	30
32) 1,1,1-Trichloroethane	7.909	97	15984	2.855	ug/l #	92
36) 1,1-Dichloropropene	7.979	75	25815	4.981	ug/l #	49
60) Dibromochloromethane	10.873	129	7149	2.243	ug/l #	11
64) Tetrachloroethene	10.873	164	7949	2.572	ug/l	90
76) 1,2,3-Trichloropropane	12.626	75	115660	49.748	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	115660	140.565	ug/l #	18

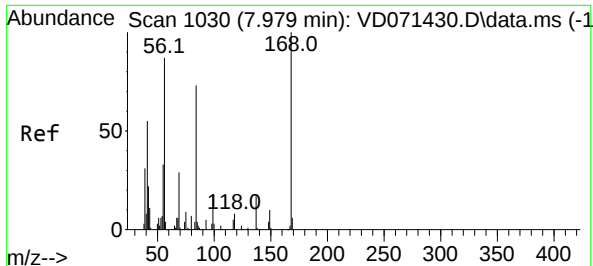
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 23 08:20:24 2021
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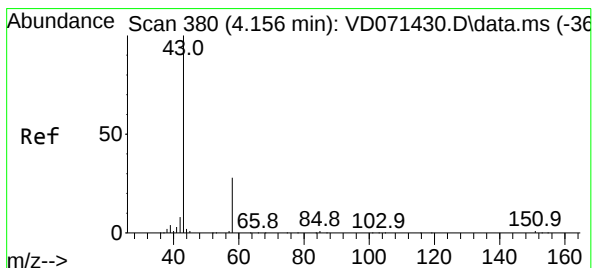
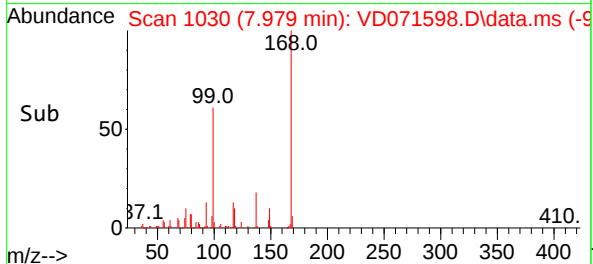
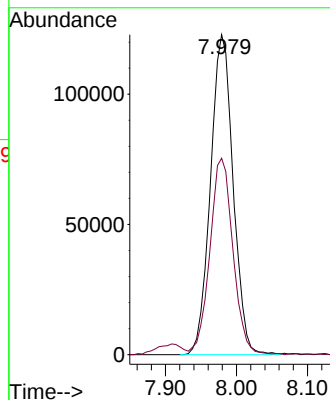
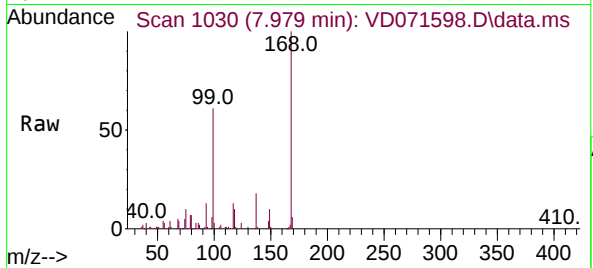




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

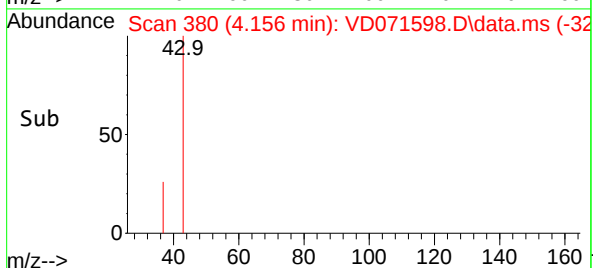
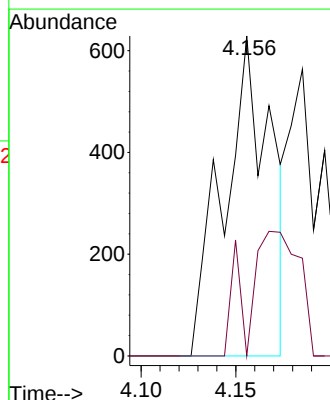
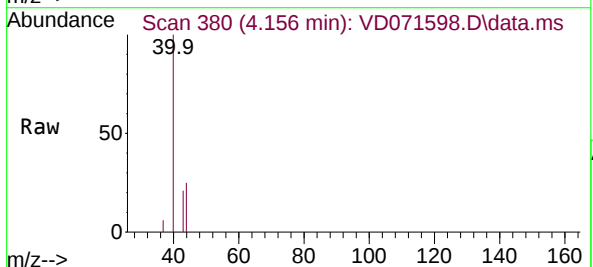
Instrument :
MSVOA_D
ClientSampleId :

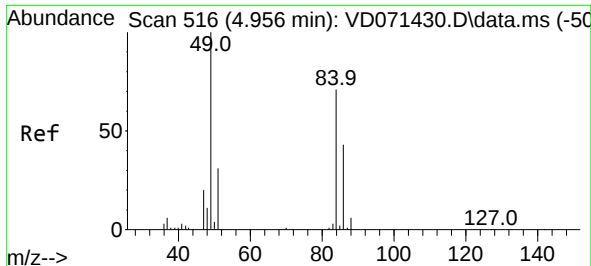
Tgt Ion:168 Resp: 272018
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#16
Acetone
Concen: 1.188 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

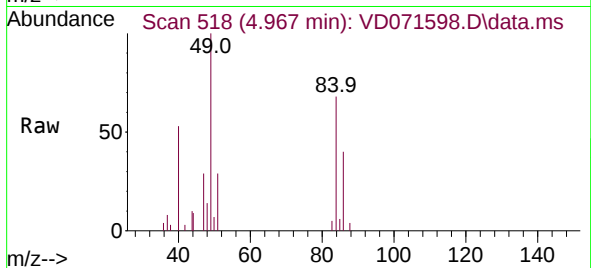
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



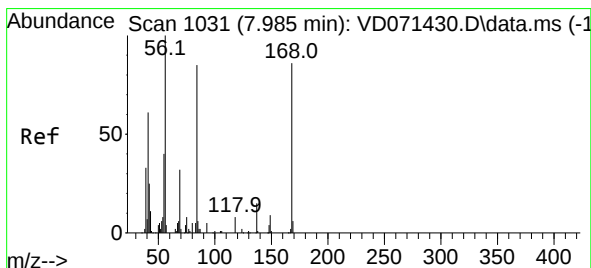
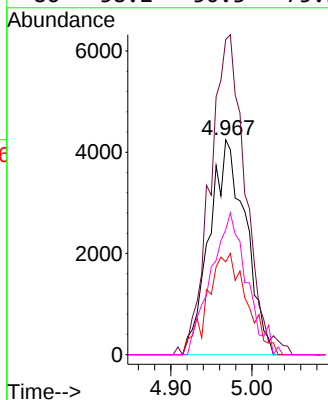
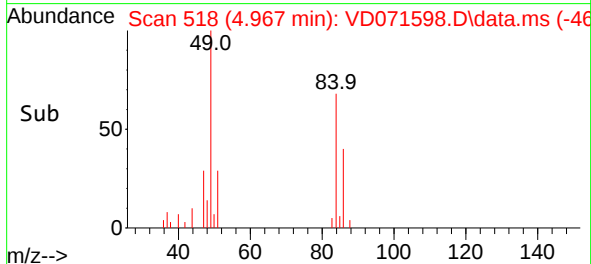


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

Instrument :
MSVOA_D
ClientSampleId :

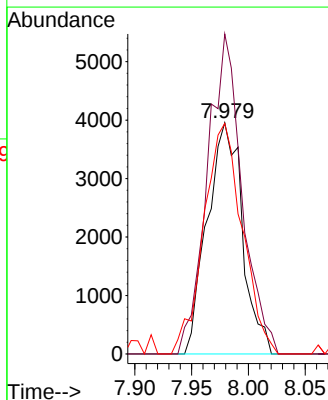
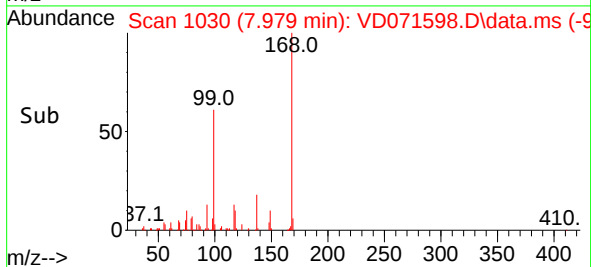
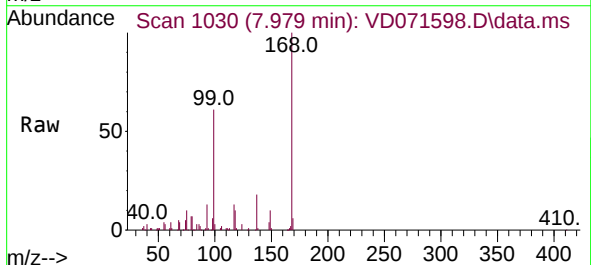


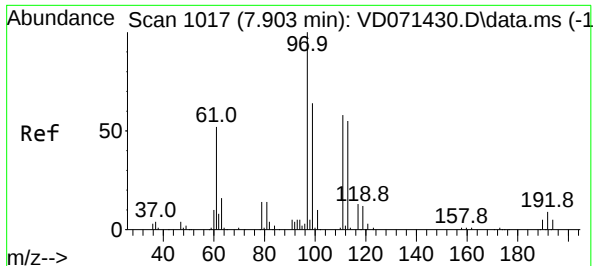
Tgt Ion:	84	Resp:	13191
Ion	Ratio	Lower	Upper
84	100		
49	143.1	95.8	143.6
51	43.2	30.9	46.3
86	58.2	50.3	75.5



#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

Tgt Ion:	56	Resp:	8484
Ion	Ratio	Lower	Upper
56	100		
69	138.4	25.9	38.9#
84	99.7	64.3	96.5#





#32

1,1,1-Trichloroethane

Concen: 2.855 ug/l

RT: 7.909 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD071598.D

Acq: 04 Jan 2022 17:35

Instrument :

MSVOA_D

ClientSampleId :

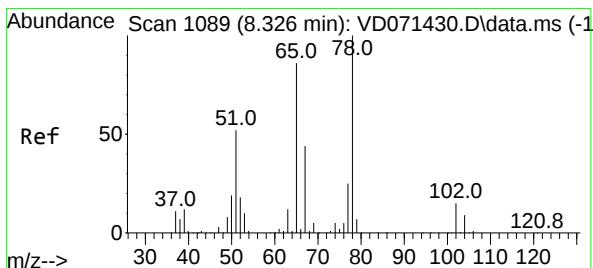
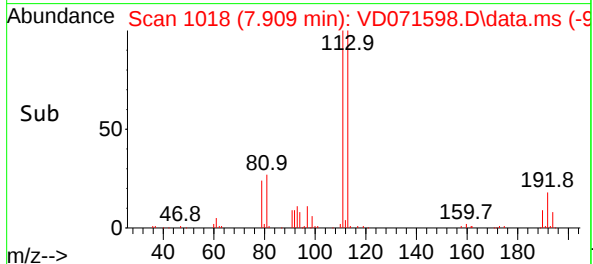
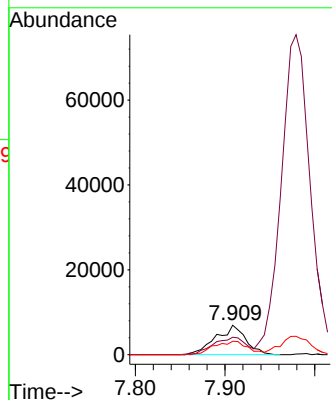
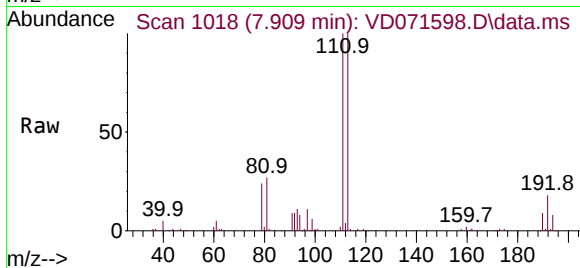
Tgt Ion: 97 Resp: 15984

Ion Ratio Lower Upper

97 100

99 65.1 50.3 75.5

61 51.9 33.0 49.4#



#33

1,2-Dichloroethane-d4

Concen: 56.452 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071598.D

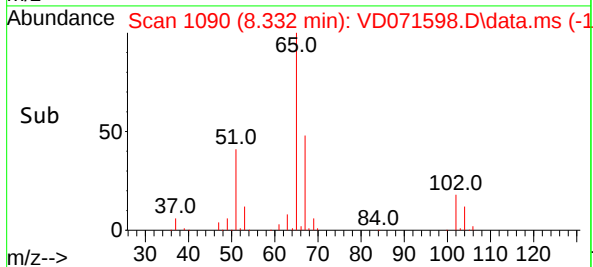
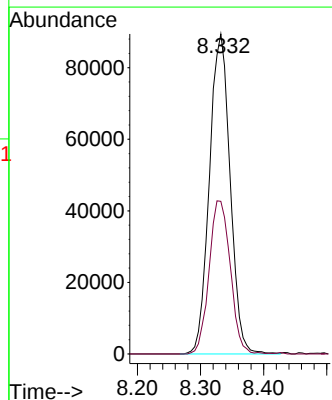
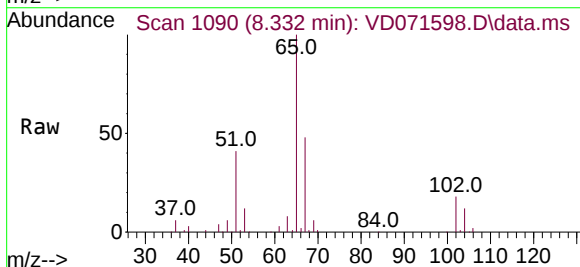
Acq: 04 Jan 2022 17:35

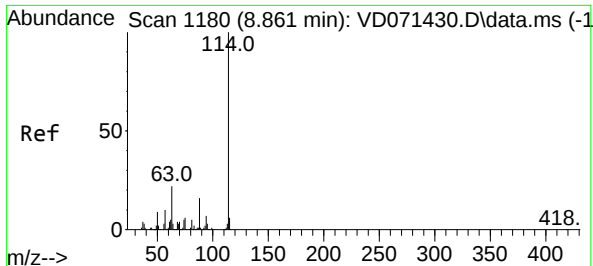
Tgt Ion: 65 Resp: 203940

Ion Ratio Lower Upper

65 100

67 49.0 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071598.D

Acq: 04 Jan 2022 17:35

Instrument :

MSVOA_D

ClientSampleId :

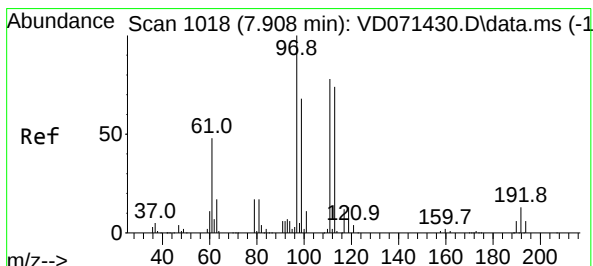
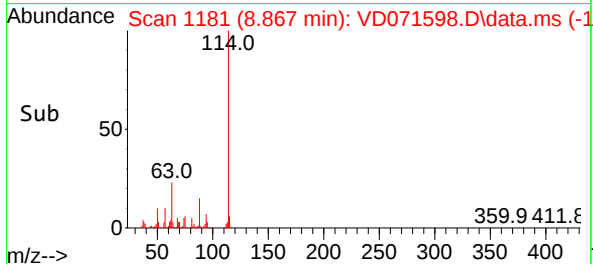
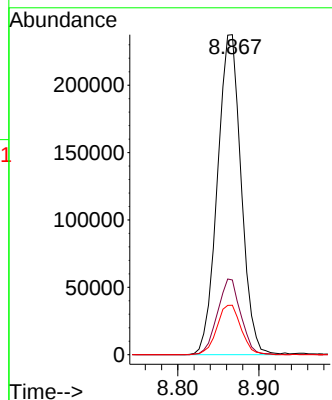
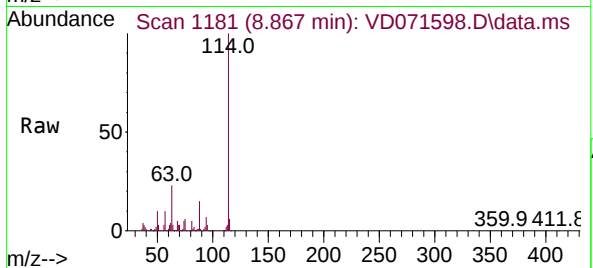
Tgt Ion:114 Resp: 482690

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.590 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071598.D

Acq: 04 Jan 2022 17:35

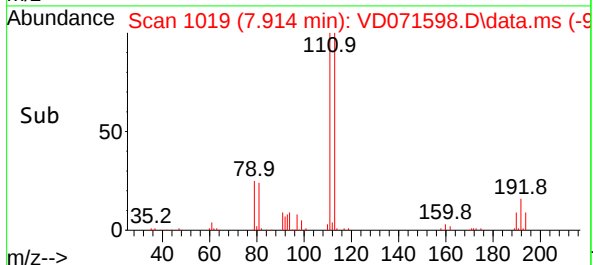
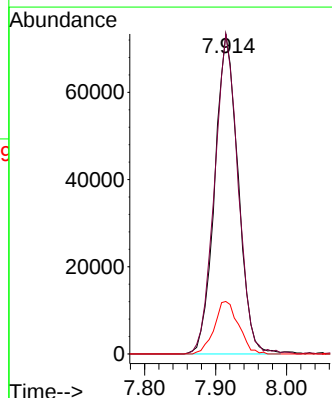
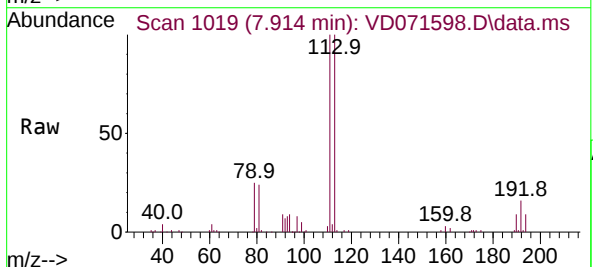
Tgt Ion:113 Resp: 167360

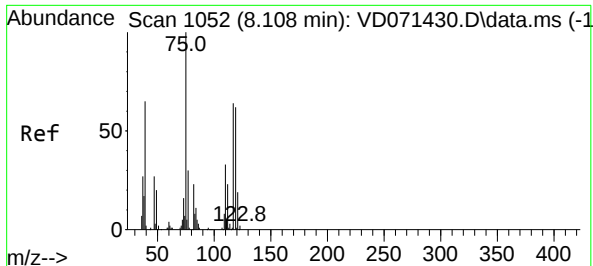
Ion Ratio Lower Upper

113 100

111 100.9 82.0 123.0

192 17.0 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.981 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071598.D

Acq: 04 Jan 2022 17:35

Instrument :

MSVOA_D

ClientSampleId :

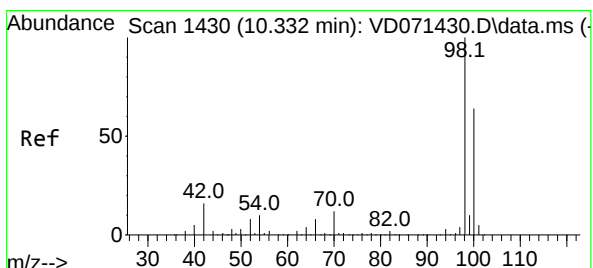
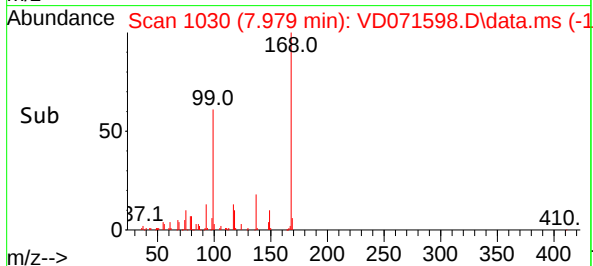
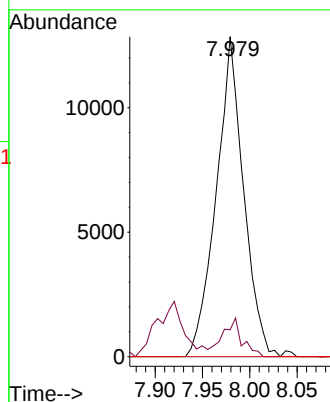
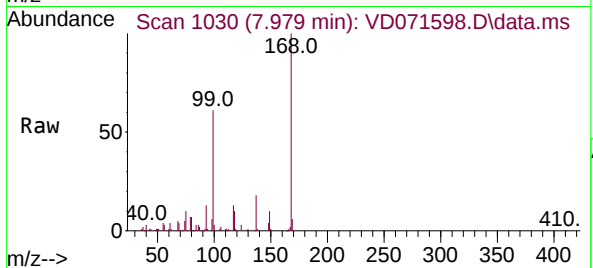
Tgt Ion: 75 Resp: 25815

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.4#

77 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 50.432 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD071598.D

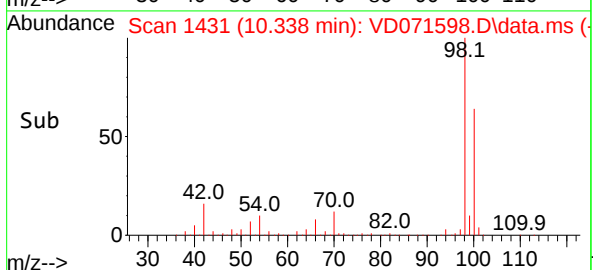
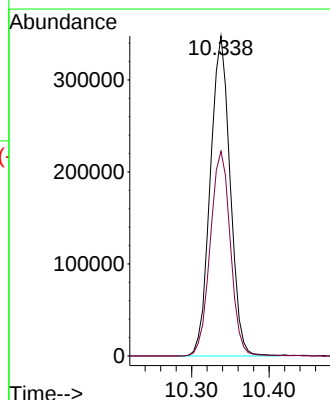
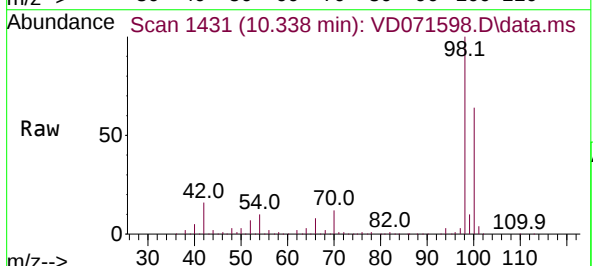
Acq: 04 Jan 2022 17:35

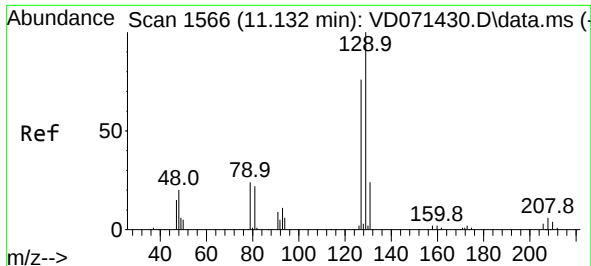
Tgt Ion: 98 Resp: 618265

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

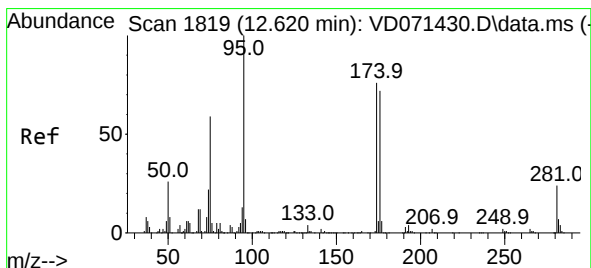
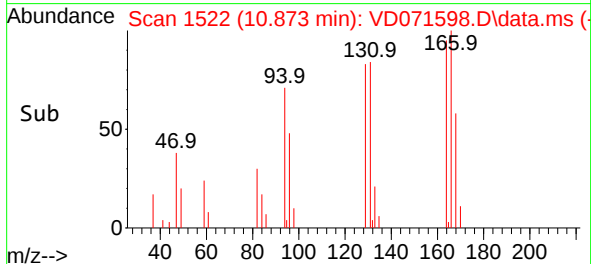
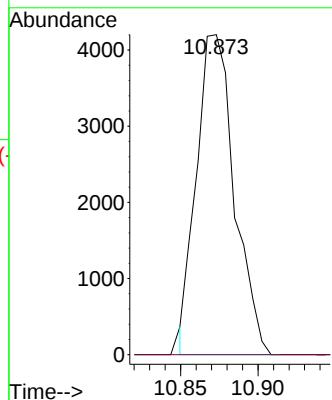
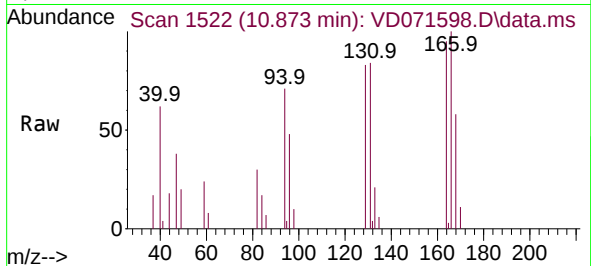




#60
Dibromochloromethane
Concen: 2.243 ug/l
RT: 10.873 min Scan# 11
Delta R.T. -0.259 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

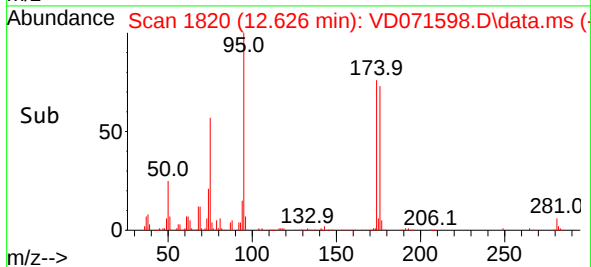
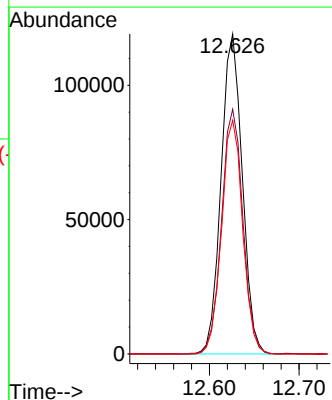
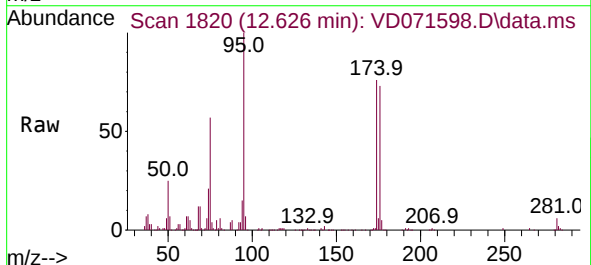
Instrument :
MSVOA_D
ClientSampleId :

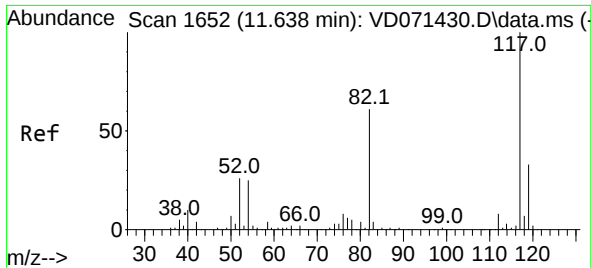
Tgt Ion:129 Resp: 7149
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#



#62
4-Bromofluorobenzene
Concen: 44.824 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

Tgt Ion: 95 Resp: 195268
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 72.9 0.0 154.0

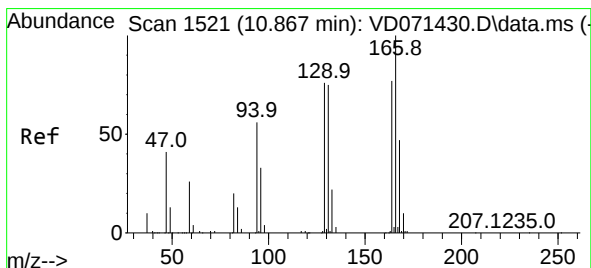
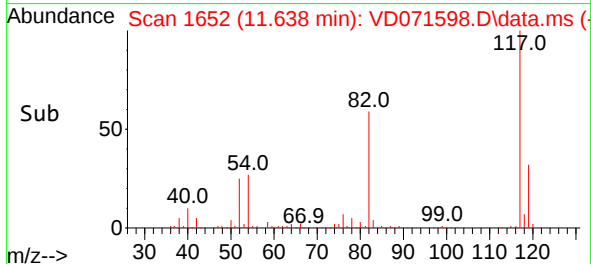
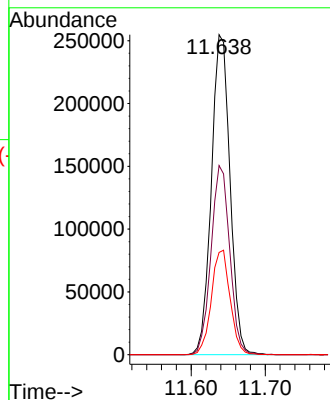
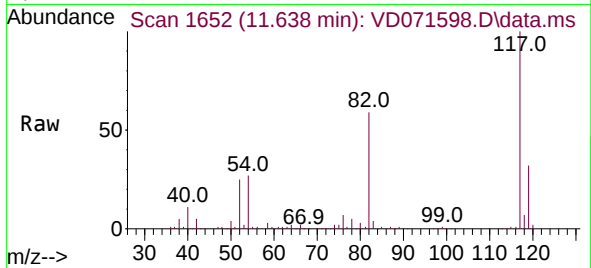




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

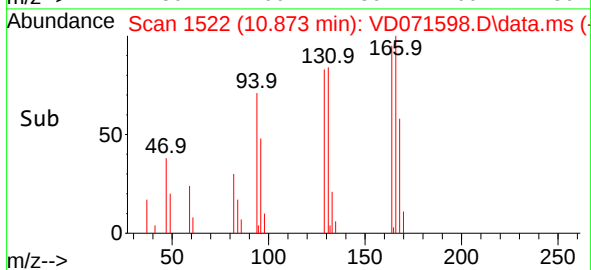
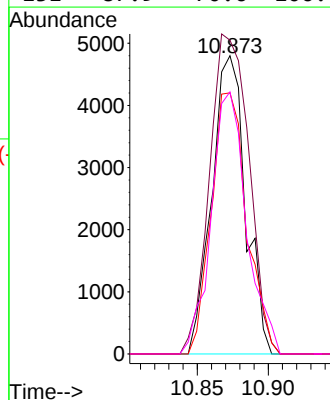
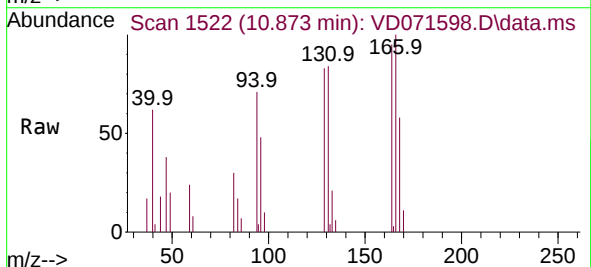
Instrument :
MSVOA_D
ClientSampleId :

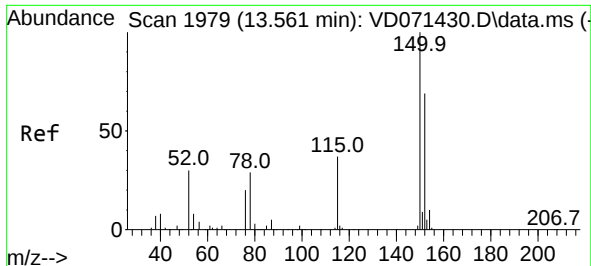
Tgt Ion:117 Resp: 444786
Ion Ratio Lower Upper
117 100
82 59.1 44.7 67.1
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 2.572 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD071598.D
Acq: 04 Jan 2022 17:35

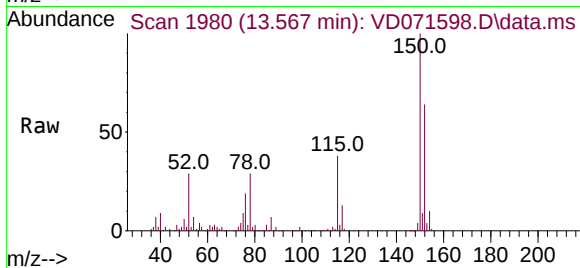
Tgt Ion:164 Resp: 7949
Ion Ratio Lower Upper
164 100
166 105.2 102.6 153.8
129 87.5 75.4 113.0
131 87.9 70.6 106.0



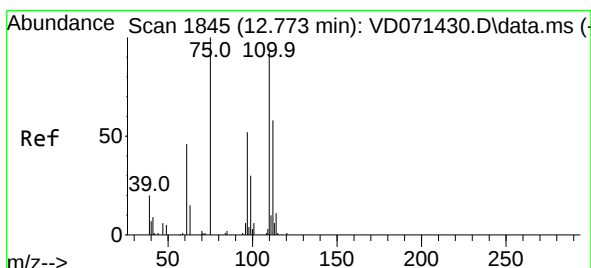
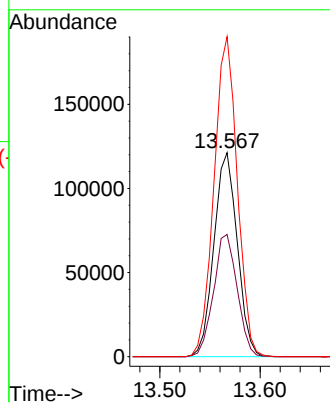
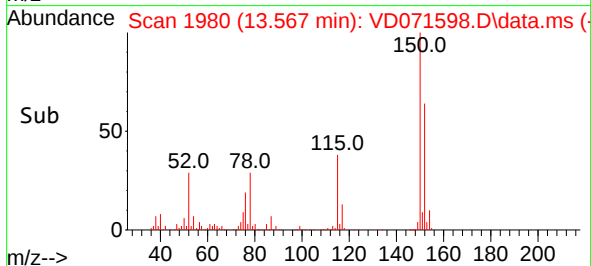


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071598.D
 Acq: 04 Jan 2022 17:35

Instrument :
 MSVOA_D
 ClientSampleId :

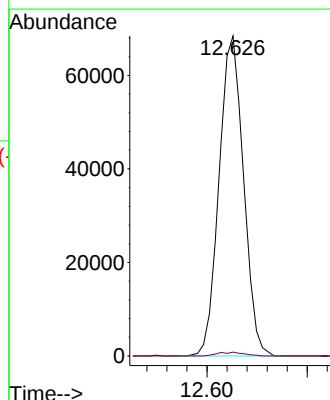
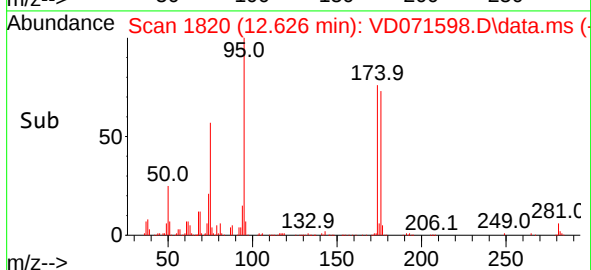
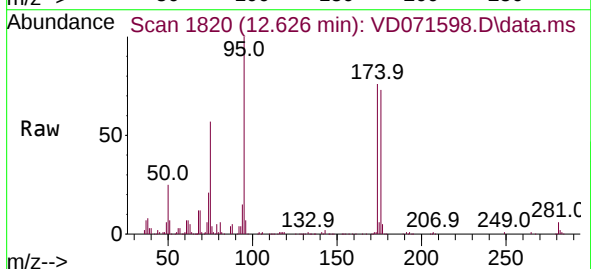


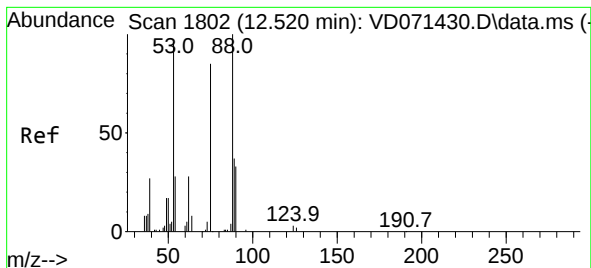
Tgt Ion:152 Resp: 195670
 Ion Ratio Lower Upper
 152 100
 115 60.7 29.8 89.3
 150 156.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 49.748 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071598.D
 Acq: 04 Jan 2022 17:35

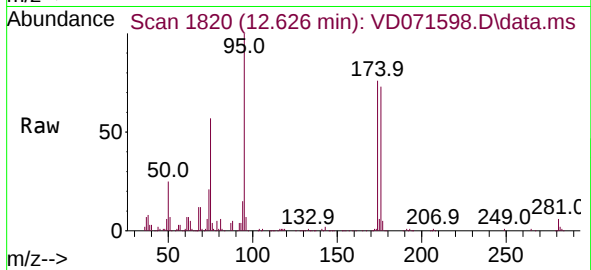
Tgt Ion: 75 Resp: 115660
 Ion Ratio Lower Upper
 75 100
 77 1.3 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.565 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071598.D
 Acq: 04 Jan 2022 17:35

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 115660
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.1 34.5 51.7#

