

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071590.D
 Acq On : 04 Jan 2022 13:53
 Operator : VA/SY
 Sample : M5224-05
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 05 01:27:27 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)

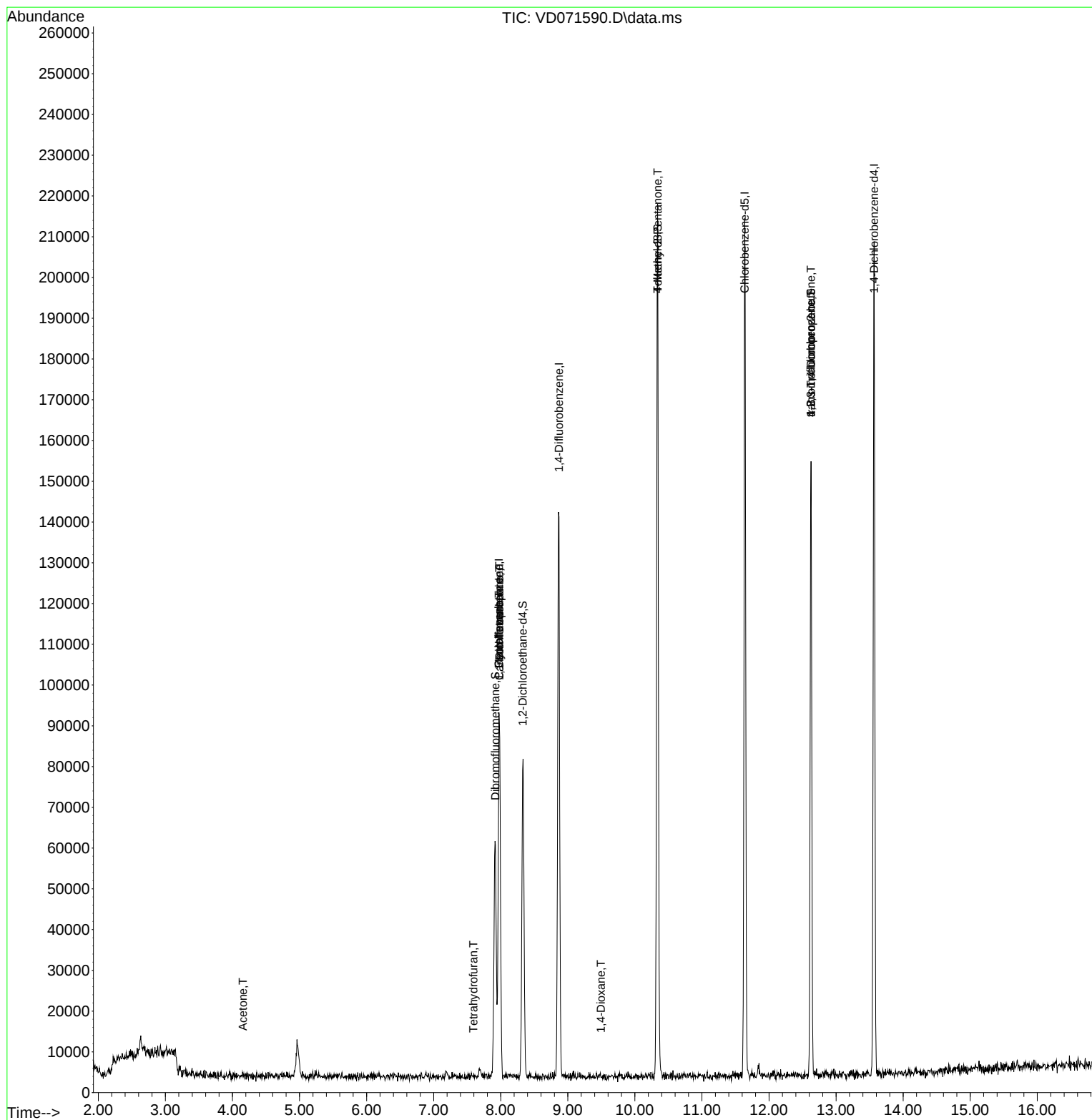
Internal Standards						
1) Pentafluorobenzene	7.973	168	60316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	111897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	107643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	47119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	62463	77.977	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 155.960%			
35) Dibromofluoromethane	7.920	113	40391	53.709	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.420%			
50) Toluene-d8	10.338	98	135495	47.677	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.360%			
62) 4-Bromofluorobenzene	12.626	95	47167	46.705	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.420%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.197	59	365	Below Cal	#	71
16) Acetone	4.156	43	454	2.256	ug/l #	40
29) Tetrahydrofuran	7.591	42	205	1.421	ug/l #	34
31) Cyclohexane	7.973	56	2285	1.679	ug/l #	35
36) 1,1-Dichloropropene	7.979	75	5786	4.816	ug/l #	50
38) Carbon Tetrachloride	7.979	117	6975	5.884	ug/l #	12
49) 1,4-Dioxane	9.491	88	57	10.893	ug/l #	1
51) 4-Methyl-2-Pentanone	10.338	43	778	1.343	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	26959	48.153	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	26959	136.058	ug/l #	18

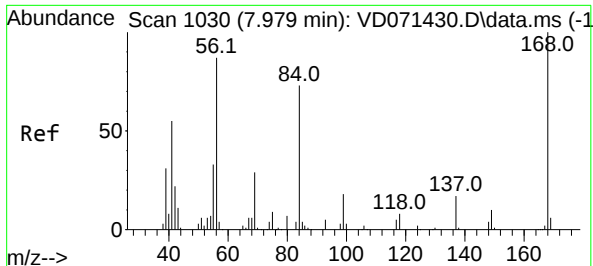
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

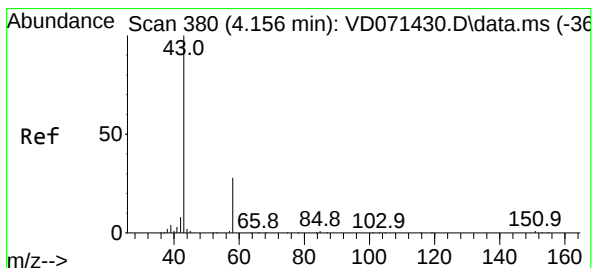
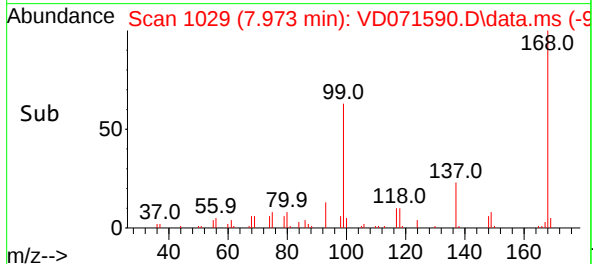
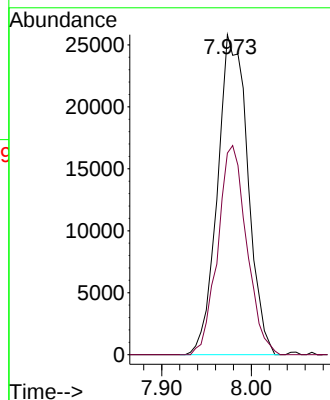
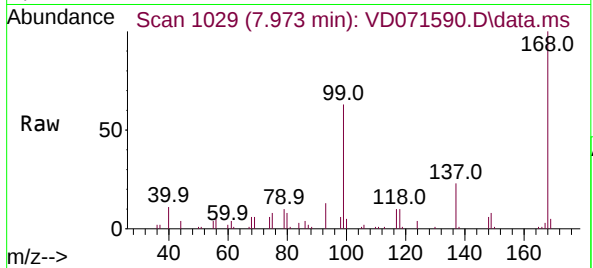




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071590.D
Acq: 04 Jan 2022 13:53

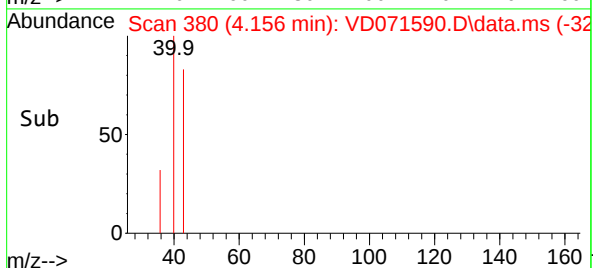
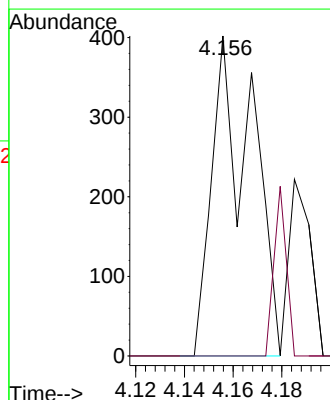
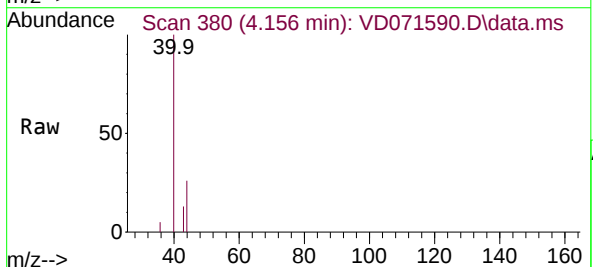
Instrument :
MSVOA_D
ClientSampleId :

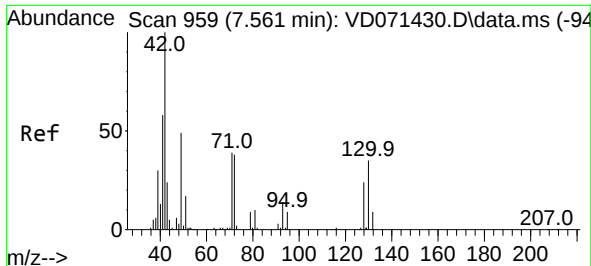
Tgt Ion:168 Resp: 60316
Ion Ratio Lower Upper
168 100
99 63.0 46.6 69.8



#16
Acetone
Concen: 2.256 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071590.D
Acq: 04 Jan 2022 13:53

Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#





#29

Tetrahydrofuran

Concen: 1.421 ug/l

RT: 7.591 min Scan# 9

Delta R.T. 0.036 min

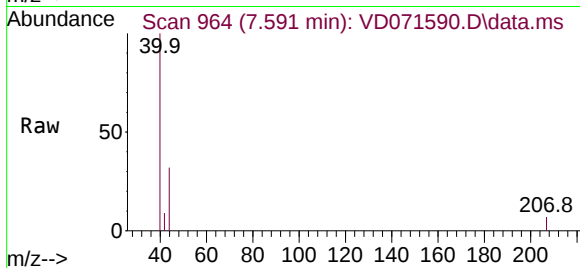
Lab File: VD071590.D

Acq: 04 Jan 2022 13:53

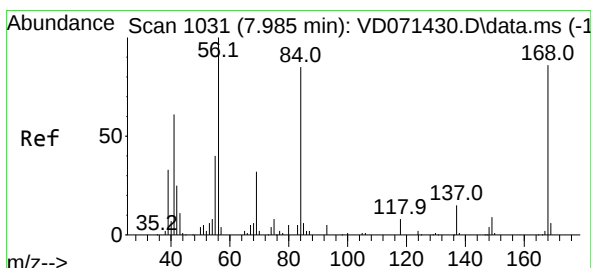
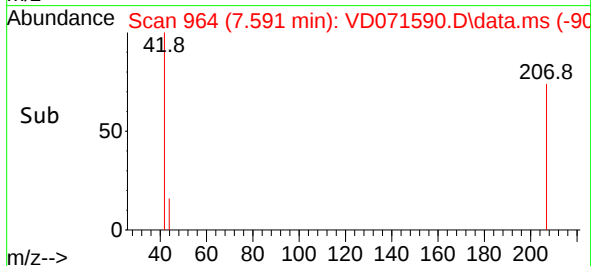
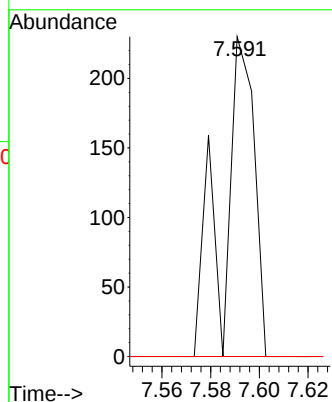
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 42	Resp: 205
Ion Ratio	Lower Upper
42 100	
72 0.0	33.7 50.5#
71 0.0	32.7 49.1#



#31

Cyclohexane

Concen: 1.679 ug/l

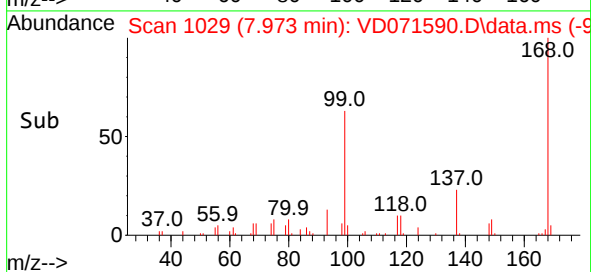
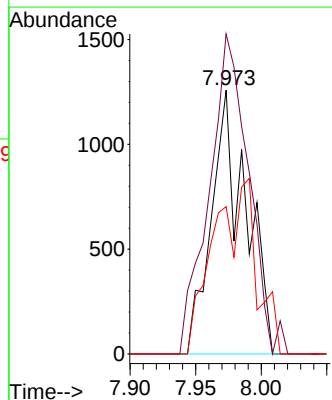
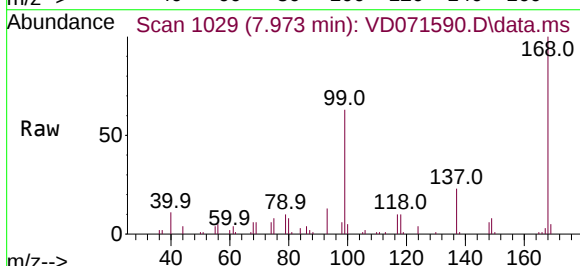
RT: 7.973 min Scan# 1029

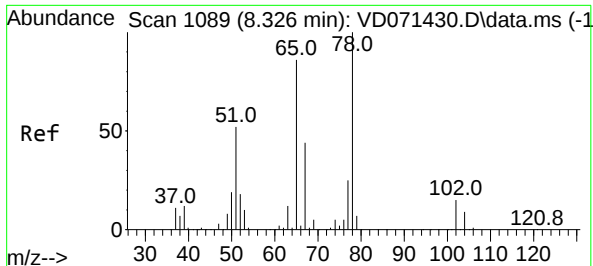
Delta R.T. -0.012 min

Lab File: VD071590.D

Acq: 04 Jan 2022 13:53

Tgt Ion: 56	Resp: 2285
Ion Ratio	Lower Upper
56 100	
69 121.3	25.9 38.9#
84 55.8	64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 77.977 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071590.D

Acq: 04 Jan 2022 13:53

Instrument :

MSVOA_D

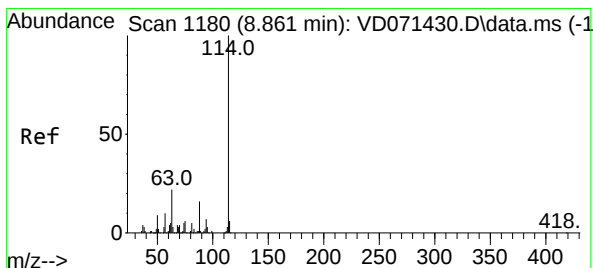
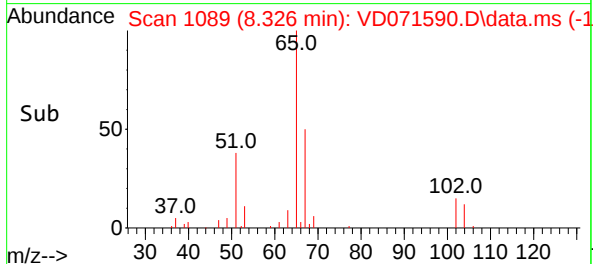
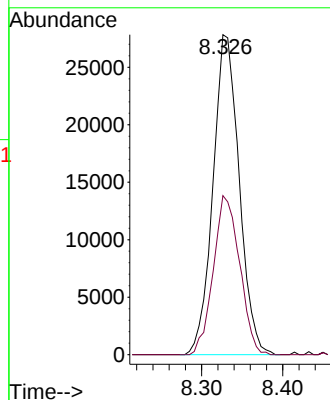
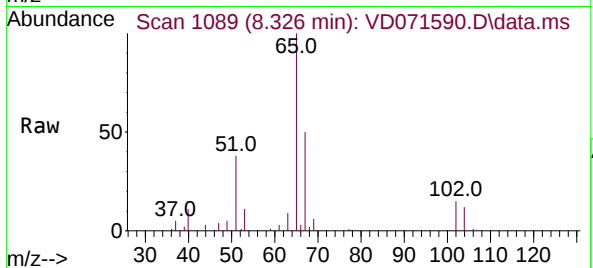
ClientSampleId :

Tgt Ion: 65 Resp: 62463

Ion Ratio Lower Upper

65 100

67 49.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071590.D

Acq: 04 Jan 2022 13:53

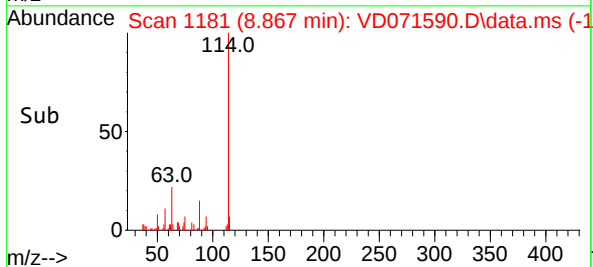
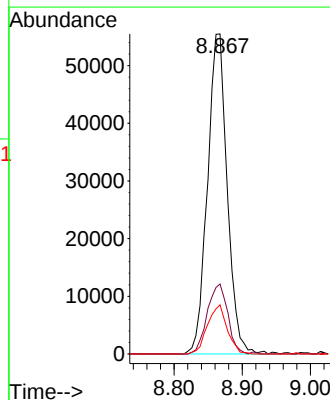
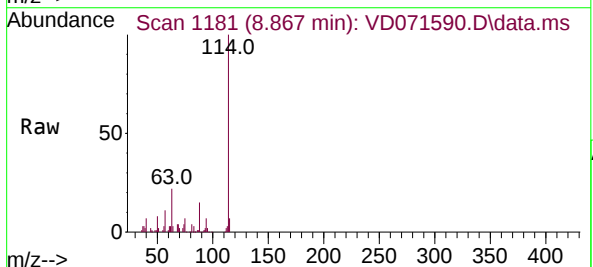
Tgt Ion: 114 Resp: 111897

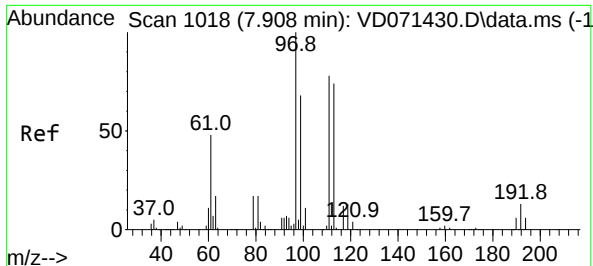
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.709 ug/l

RT: 7.920 min Scan# 1030

Delta R.T. 0.012 min

Lab File: VD071590.D

Acq: 04 Jan 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

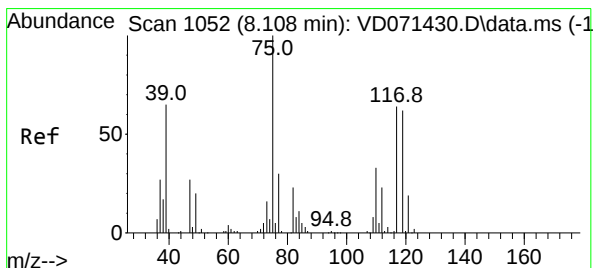
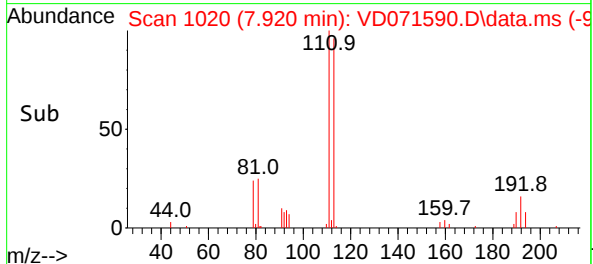
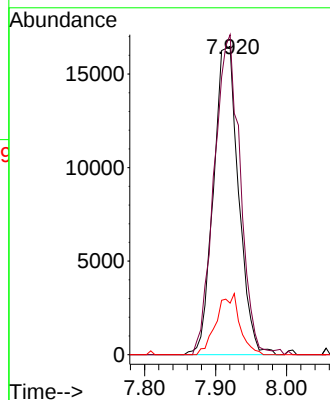
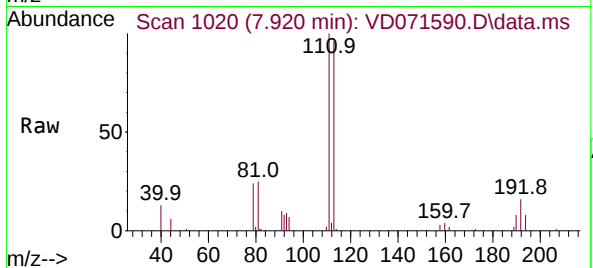
Tgt Ion:113 Resp: 40391

Ion Ratio Lower Upper

113 100

111 107.6 82.0 123.0

192 18.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.816 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071590.D

Acq: 04 Jan 2022 13:53

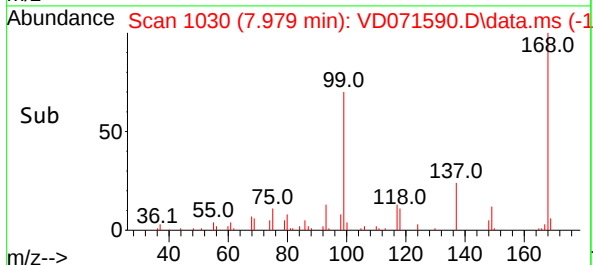
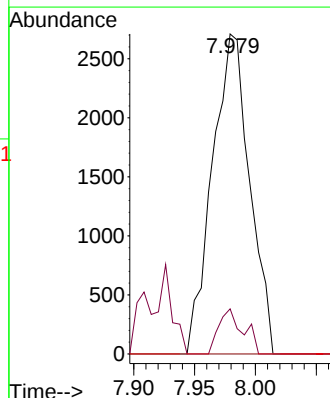
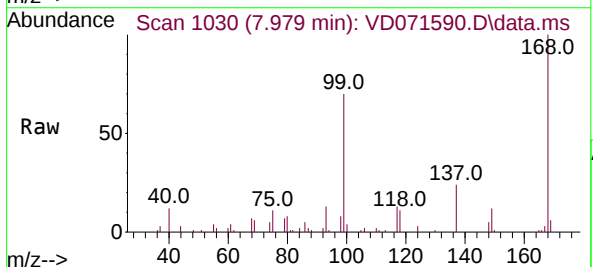
Tgt Ion: 75 Resp: 5786

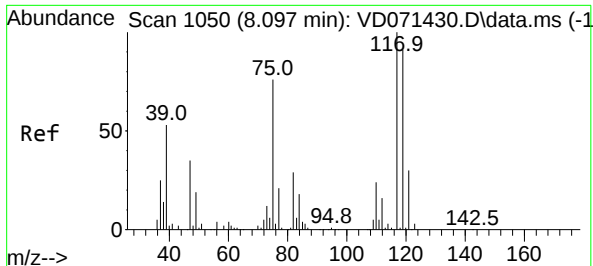
Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.4#

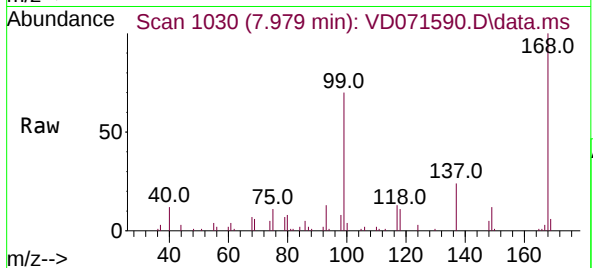
77 0.0 24.8 37.2#



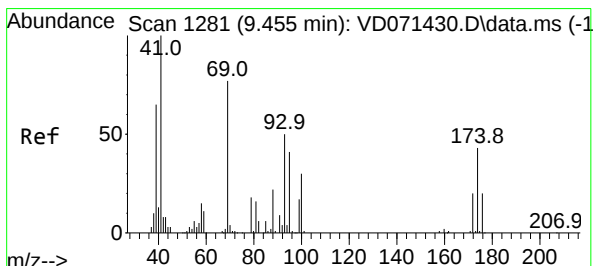
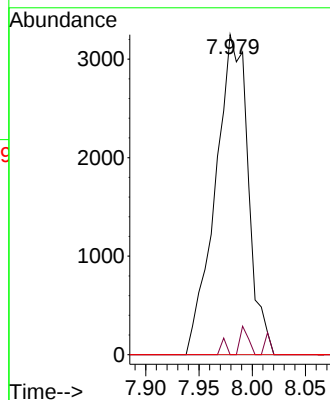
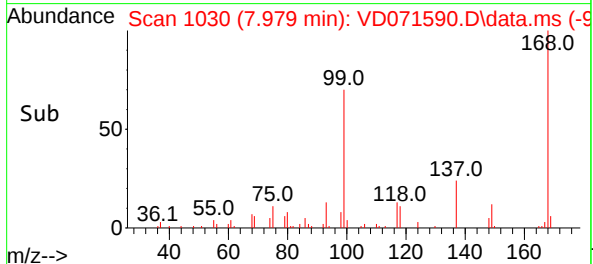


#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071590.D
Acq: 04 Jan 2022 13:53

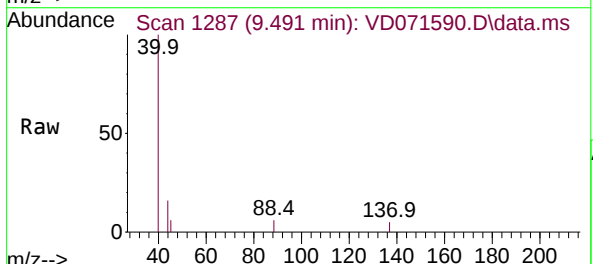
Instrument :
MSVOA_D
ClientSampleId :



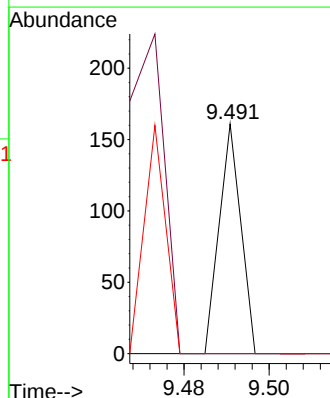
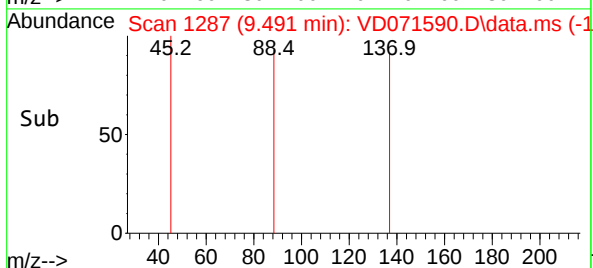
Tgt Ion:117 Resp: 6975
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#

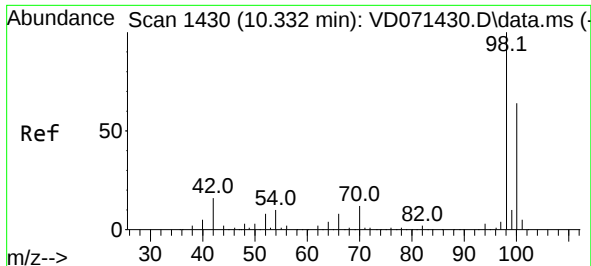


#49
1,4-Dioxane
Concen: 10.893 ug/l
RT: 9.491 min Scan# 1287
Delta R.T. 0.036 min
Lab File: VD071590.D
Acq: 04 Jan 2022 13:53



Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 249.1 28.9 43.3#
58 98.2 56.3 84.5#

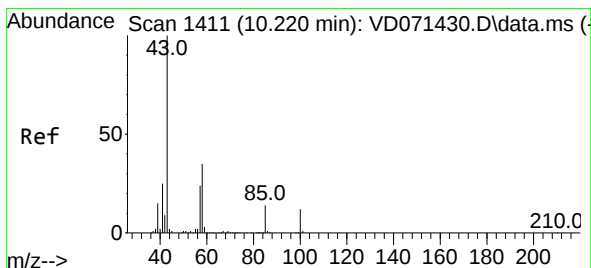
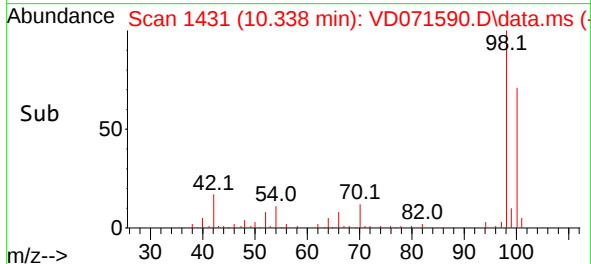
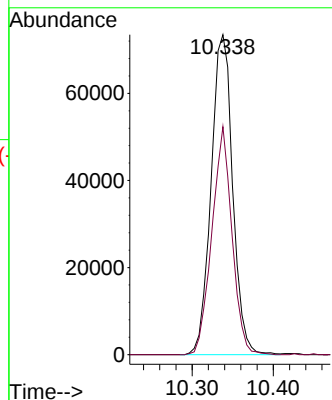
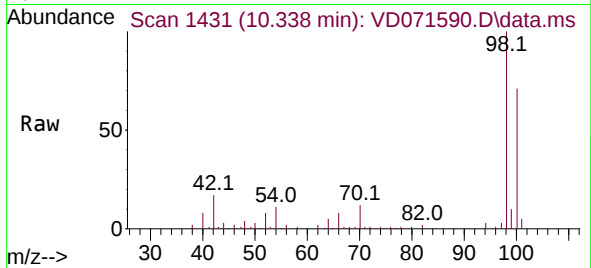




#50
Toluene-d8
Concen: 47.677 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071590.D
Acq: 04 Jan 2022 13:53

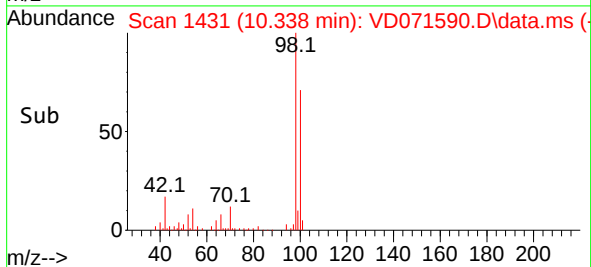
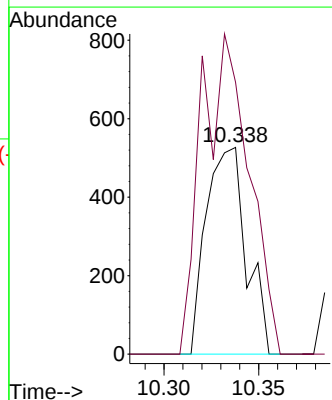
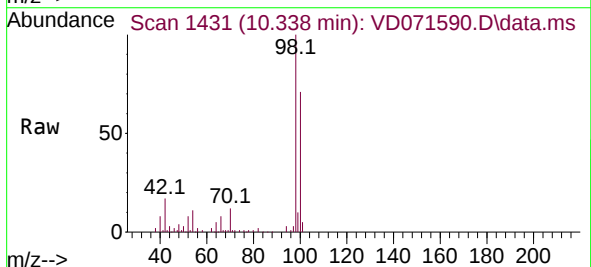
Instrument :
MSVOA_D
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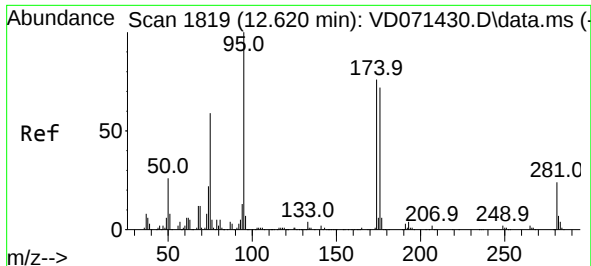
Tgt Ion: 98 Resp: 135495
Ion Ratio Lower Upper
98 100
100 66.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.343 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD071590.D
Acq: 04 Jan 2022 13:53

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 183.0 33.1 49.7#

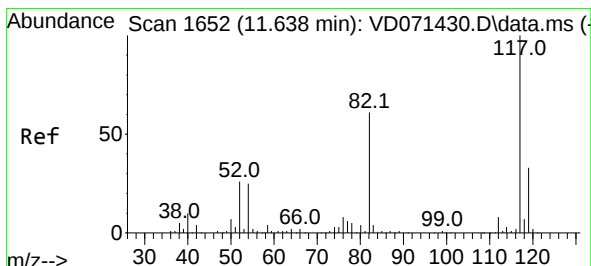
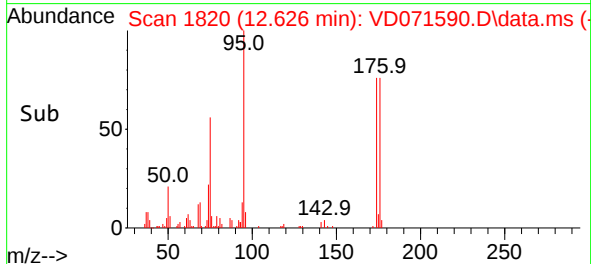
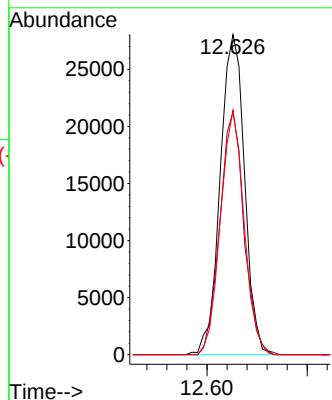
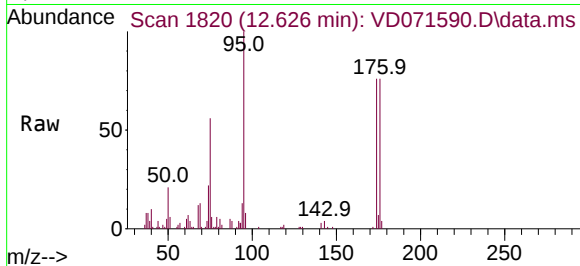




#62
4-Bromofluorobenzene
Concen: 46.705 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071590.D
Acq: 04 Jan 2022 13:53

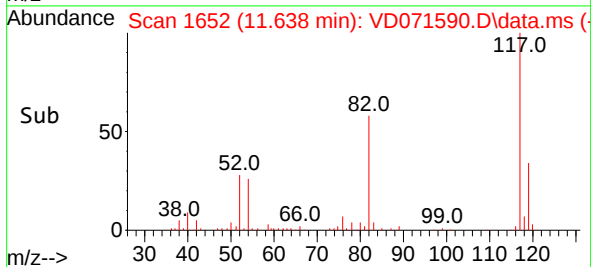
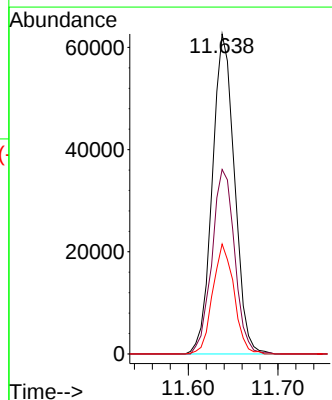
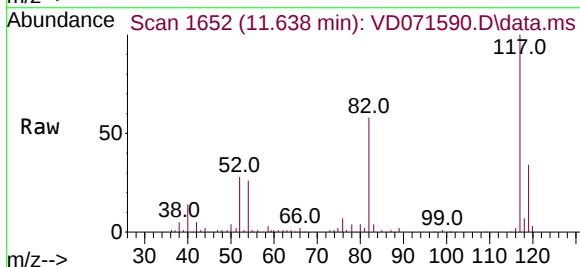
Instrument :
MSVOA_D
ClientSampleId :

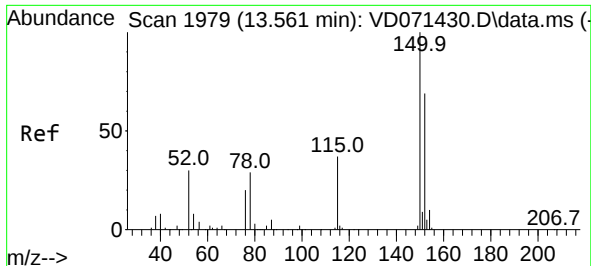
Tgt Ion: 95 Resp: 47167
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 74.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071590.D
Acq: 04 Jan 2022 13:53

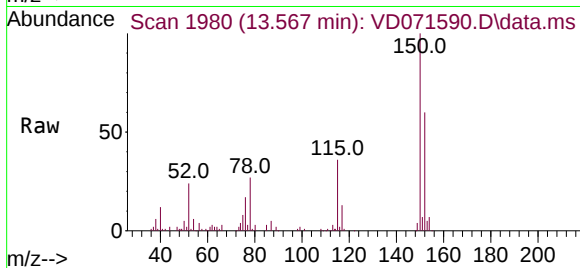
Tgt Ion: 117 Resp: 107643
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 34.3 26.2 39.4



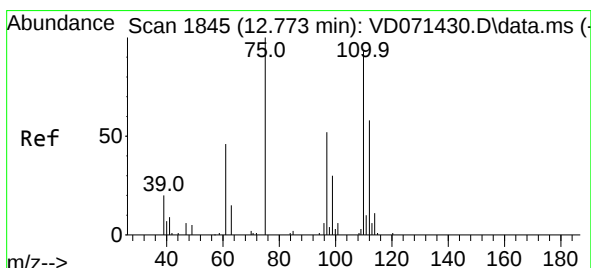
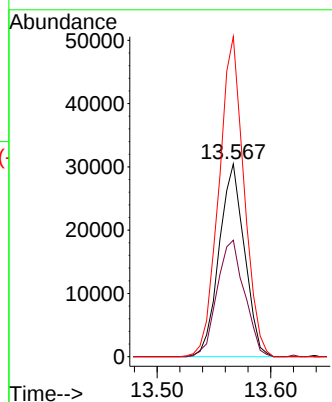
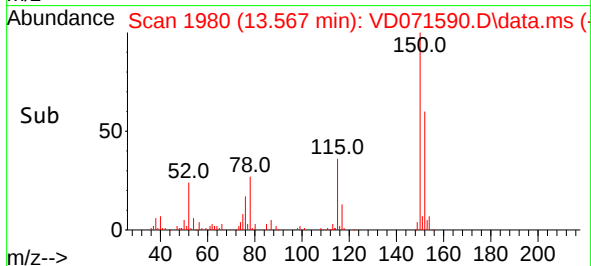


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071590.D
 Acq: 04 Jan 2022 13:53

Instrument :
 MSVOA_D
 ClientSampleId :

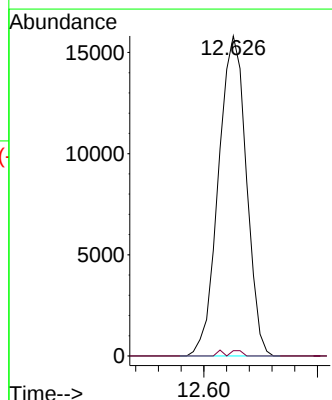
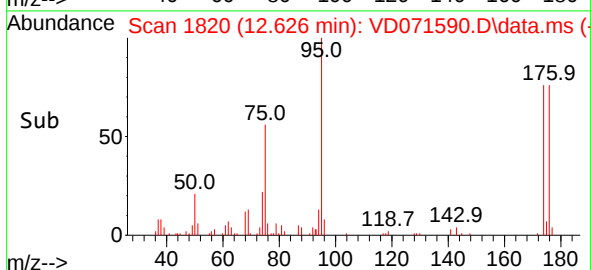
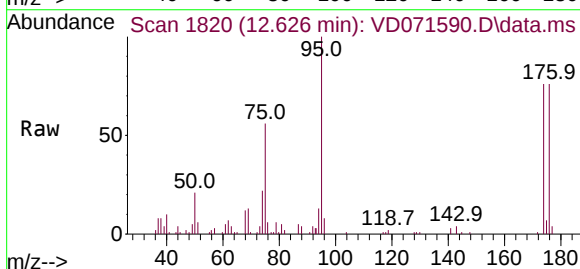


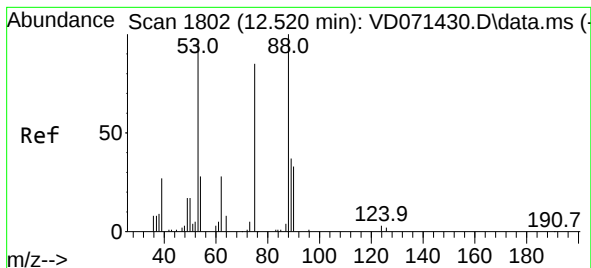
Tgt Ion:152 Resp: 47119
 Ion Ratio Lower Upper
 152 100
 115 65.2 29.8 89.3
 150 164.8 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 48.153 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071590.D
 Acq: 04 Jan 2022 13:53

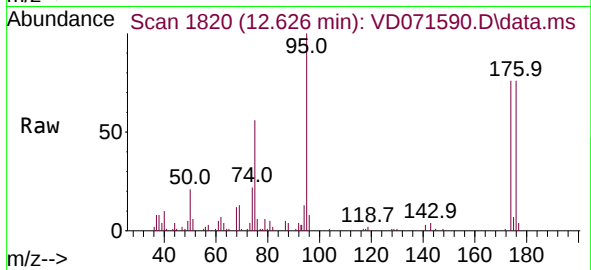
Tgt Ion: 75 Resp: 26959
 Ion Ratio Lower Upper
 75 100
 77 0.7 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.058 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071590.D
 Acq: 04 Jan 2022 13:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 26959
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.0 34.5 51.7#

