

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071597.D
 Acq On : 04 Jan 2022 17:07
 Operator : VA/SY
 Sample : M5338-04
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 05 01:29:25 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)

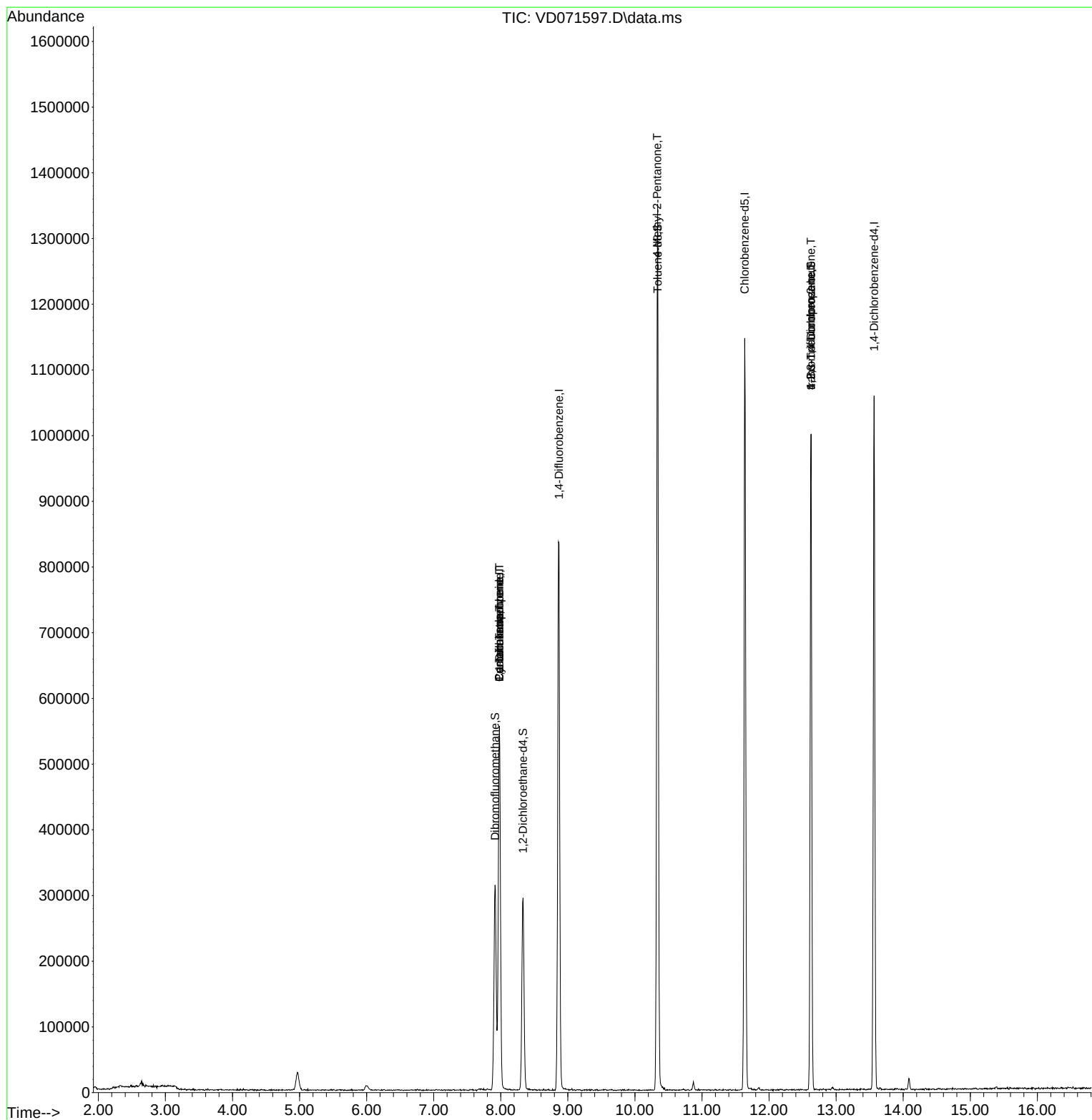
Internal Standards						
1) Pentafluorobenzene	7.979	168	377789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	673656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	591316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	252391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	237478	47.331	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.660%		
35) Dibromofluoromethane	7.914	113	212362	46.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.800%		
50) Toluene-d8	10.338	98	850787	49.726	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.460%		
62) 4-Bromofluorobenzene	12.626	95	254538	41.866	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.740%		
Target Compounds						
11) Tert butyl alcohol	5.156	59	57	Below Cal	#	71
20) Methylene Chloride	4.967	84	18698	Below Cal	#	90
31) Cyclohexane	7.979	56	11534	1.353	ug/l #	23
36) 1,1-Dichloropropene	7.979	75	37458	5.179	ug/l #	49
38) Carbon Tetrachloride	7.979	117	42360	5.936	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	5275	1.513	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	154297	51.452	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	154297	145.379	ug/l #	19

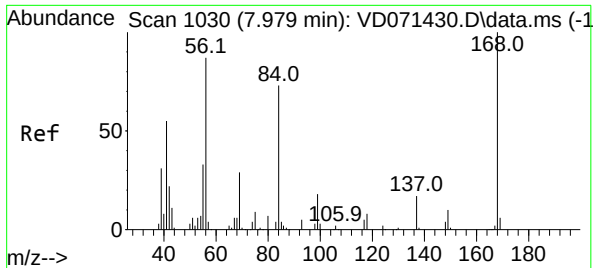
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

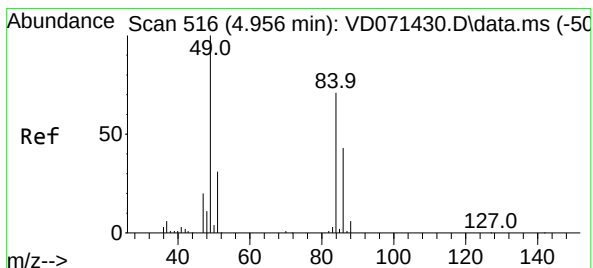
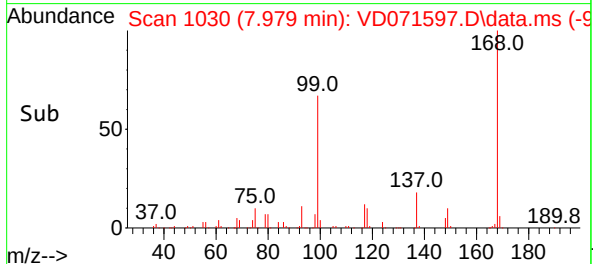
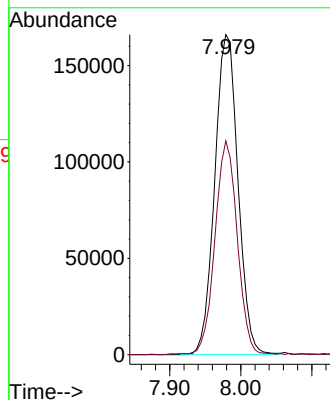
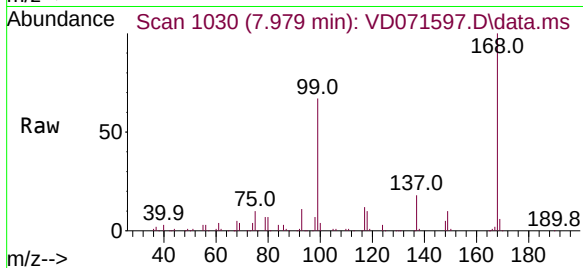




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

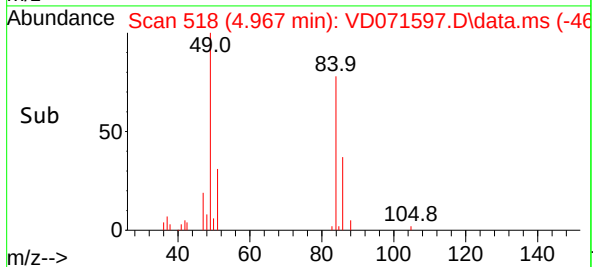
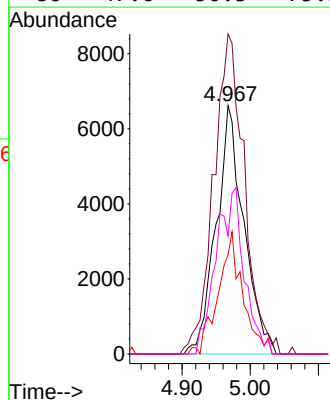
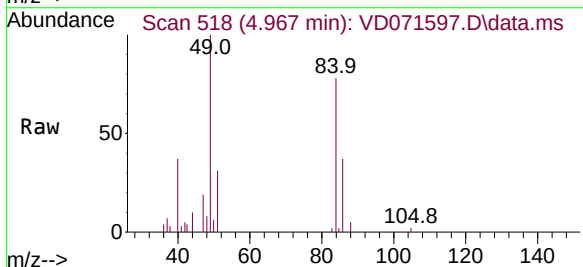
Instrument :
MSVOA_D
ClientSampleId :

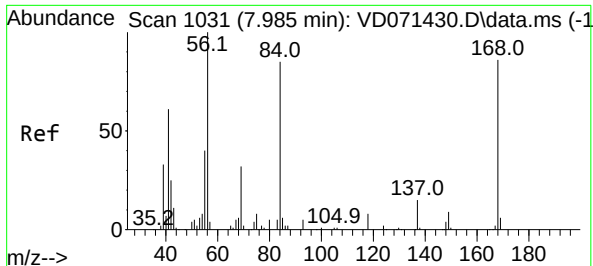
Tgt Ion:168 Resp: 377789
Ion Ratio Lower Upper
168 100
99 66.5 46.6 69.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

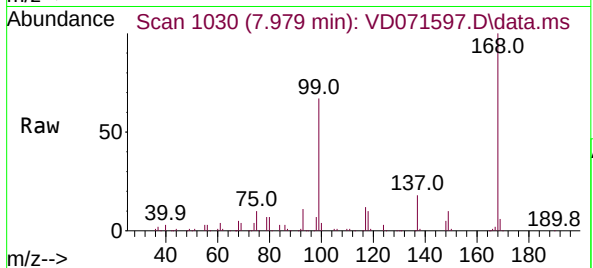
Tgt Ion: 84 Resp: 18698
Ion Ratio Lower Upper
84 100
49 128.9 95.8 143.6
51 39.9 30.9 46.3
86 47.6 50.3 75.5#



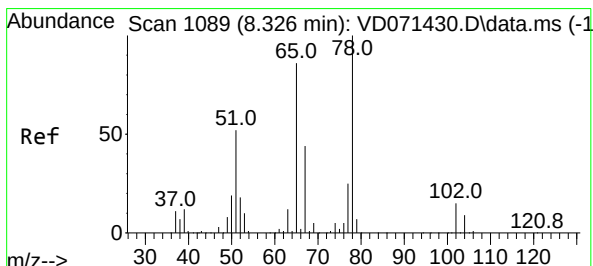
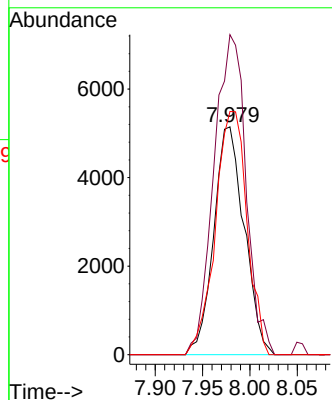
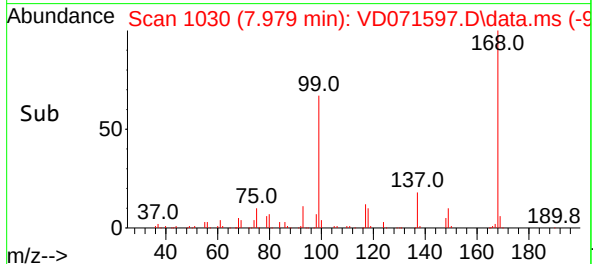


#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

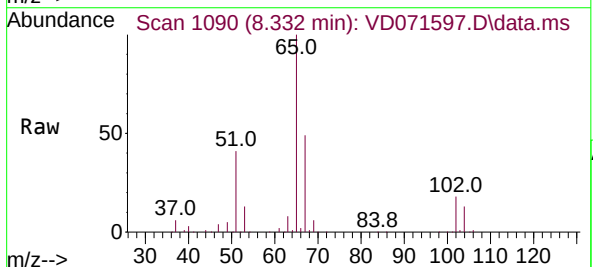
Instrument :
MSVOA_D
ClientSampleId :



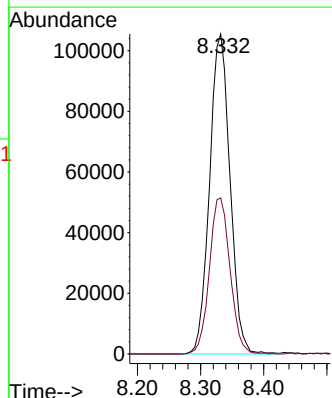
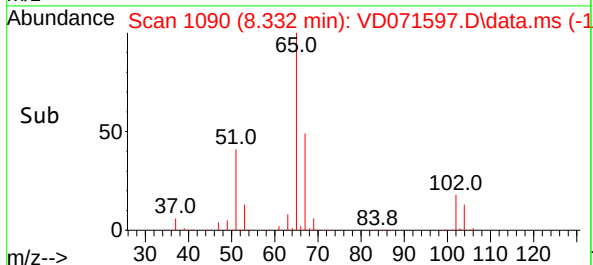
Tgt Ion: 56 Resp: 11534
Ion Ratio Lower Upper
56 100
69 140.5 25.9 38.9#
84 106.7 64.3 96.5#

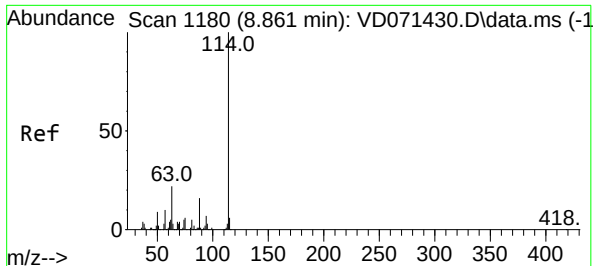


#33
1,2-Dichloroethane-d4
Concen: 47.331 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07



Tgt Ion: 65 Resp: 237478
Ion Ratio Lower Upper
65 100
67 49.3 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: VD071597.D

Acq: 04 Jan 2022 17:07

Instrument :

MSVOA_D

ClientSampleId :

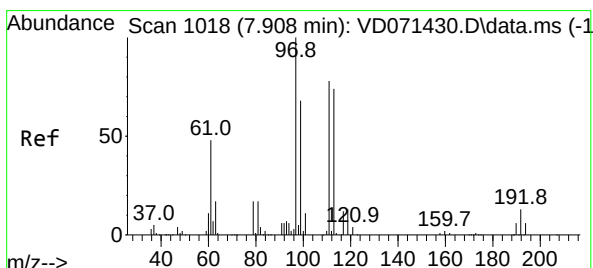
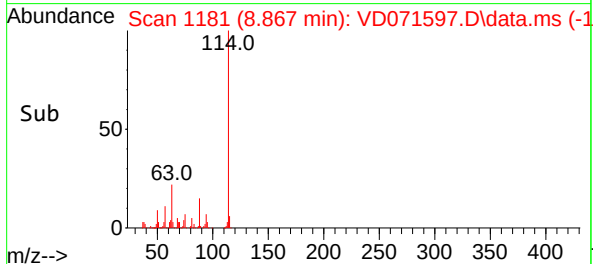
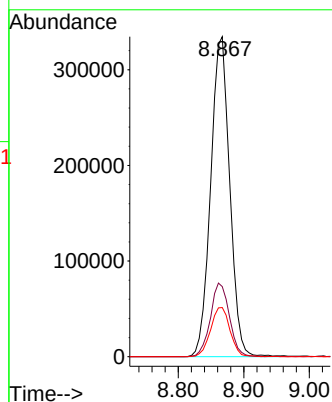
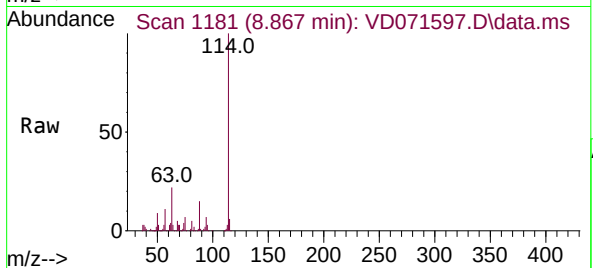
Tgt Ion:114 Resp: 673656

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.905 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071597.D

Acq: 04 Jan 2022 17:07

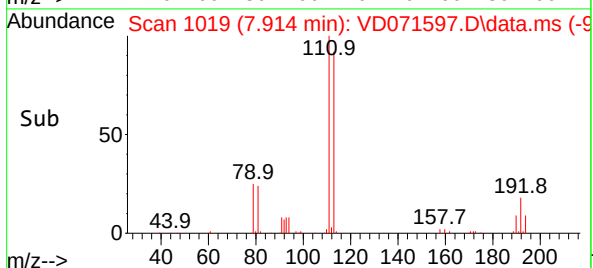
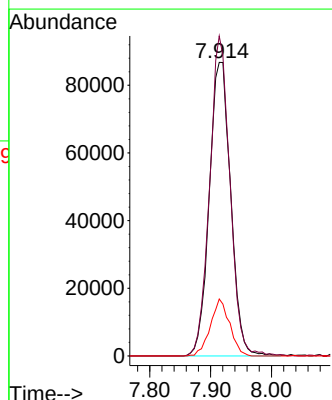
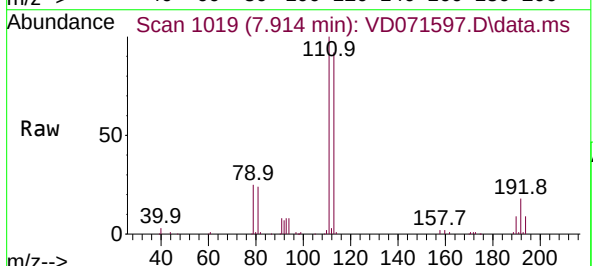
Tgt Ion:113 Resp: 212362

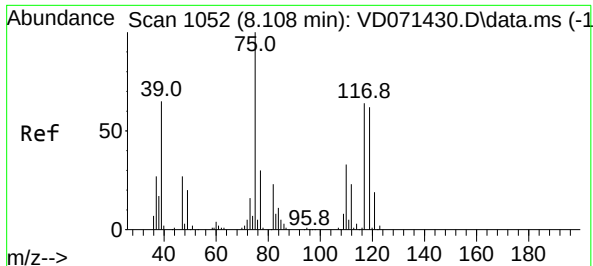
Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 17.4 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.179 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071597.D

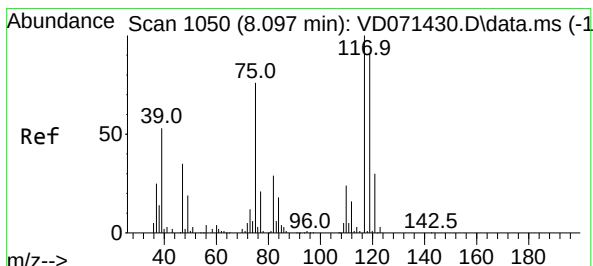
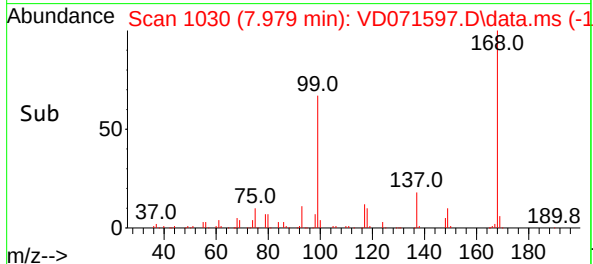
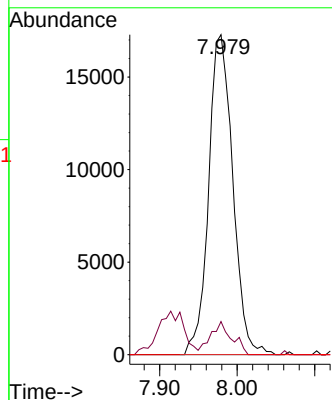
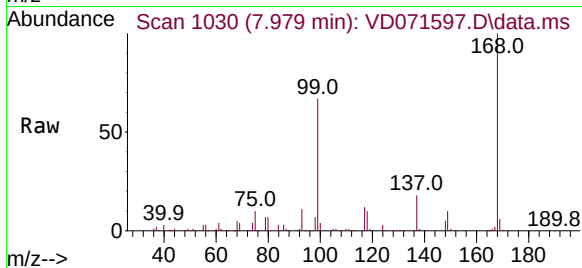
Acq: 04 Jan 2022 17:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 37458
Ion Ratio	Lower Upper
75	100
110	9.0 17.8 53.4#
77	0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.936 ug/l

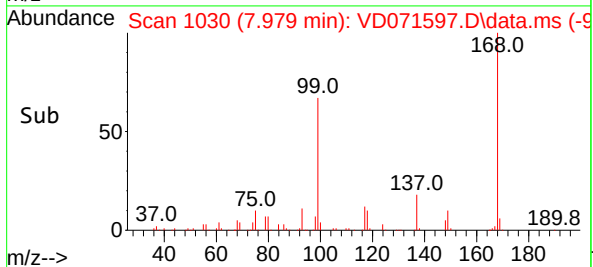
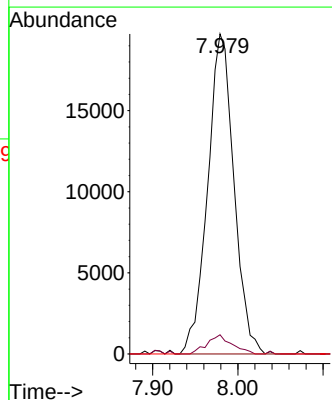
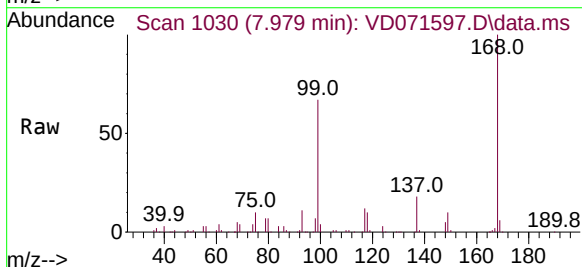
RT: 7.979 min Scan# 1030

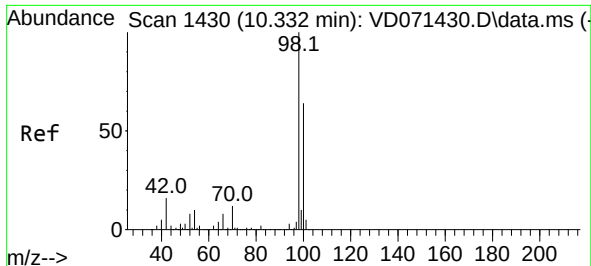
Delta R.T. -0.118 min

Lab File: VD071597.D

Acq: 04 Jan 2022 17:07

Tgt Ion: 117	Resp: 42360
Ion Ratio	Lower Upper
117	100
119	6.0 75.8 113.6#
121	0.0 23.6 35.4#

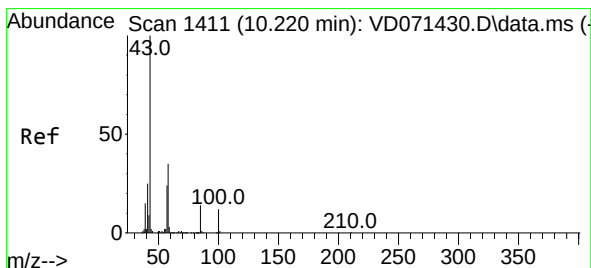
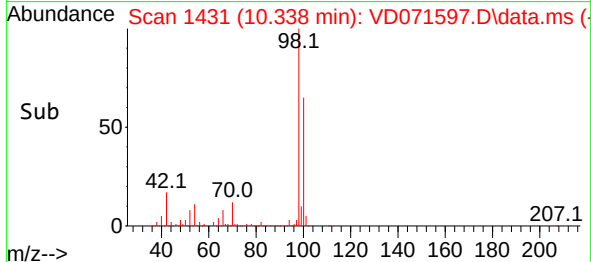
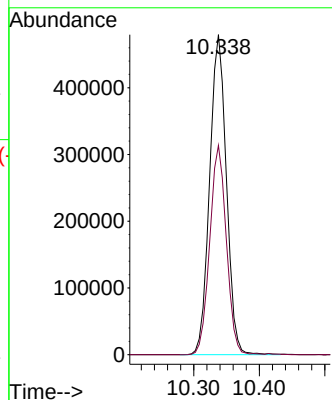
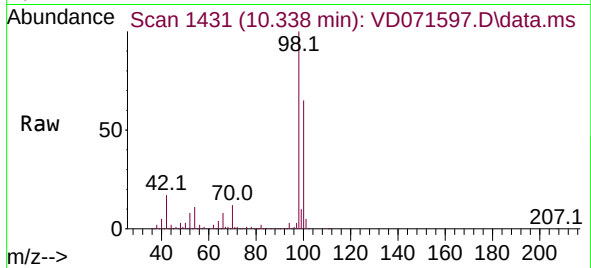




#50
Toluene-d8
Concen: 49.726 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

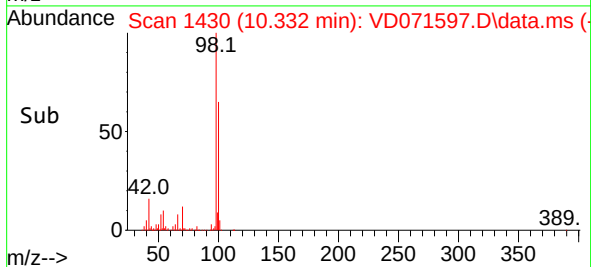
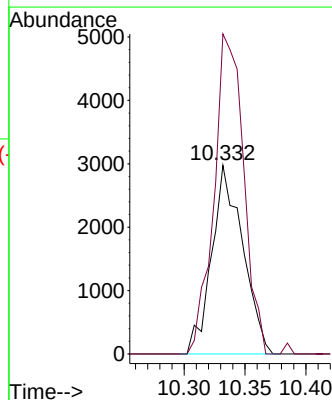
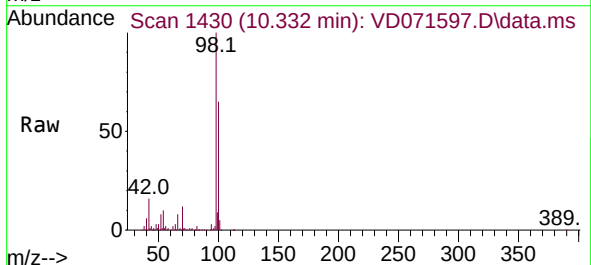
Instrument :
MSVOA_D
ClientSampleId :

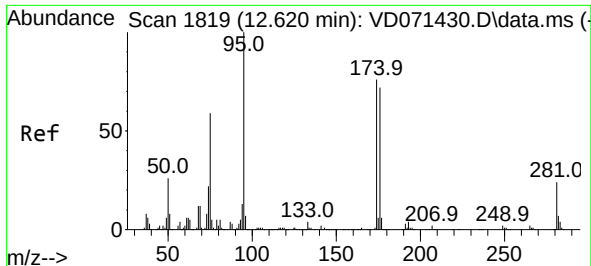
Tgt Ion: 98 Resp: 850787
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.513 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

Tgt Ion: 43 Resp: 5275
Ion Ratio Lower Upper
43 100
58 162.6 33.1 49.7#

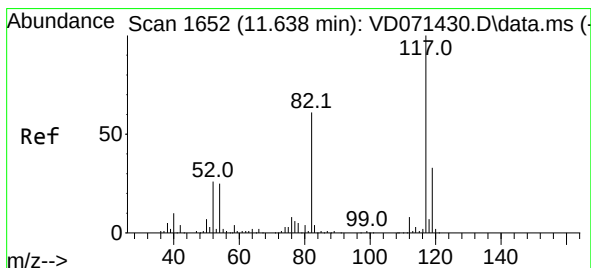
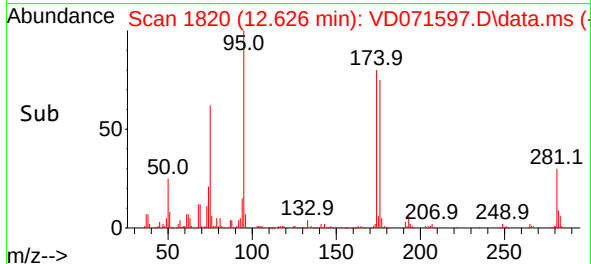
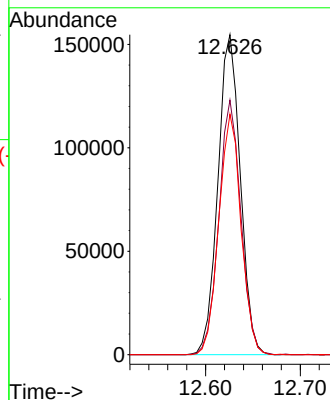
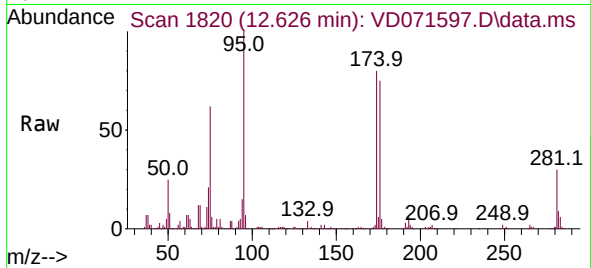




#62
4-Bromofluorobenzene
Concen: 41.866 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

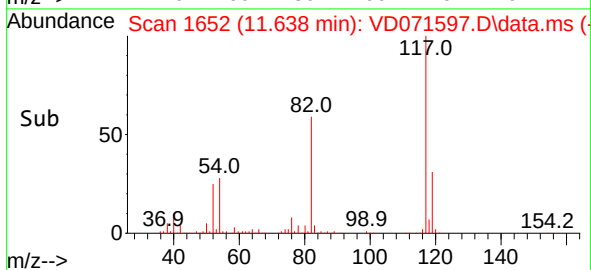
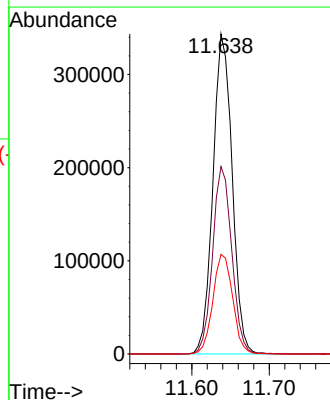
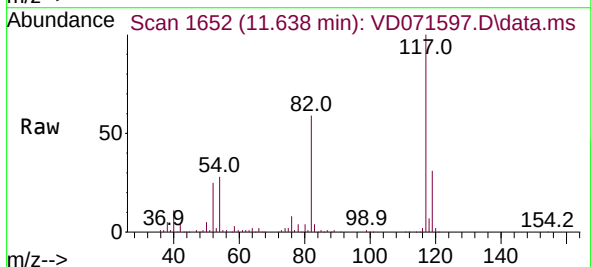
Instrument :
MSVOA_D
ClientSampleId :

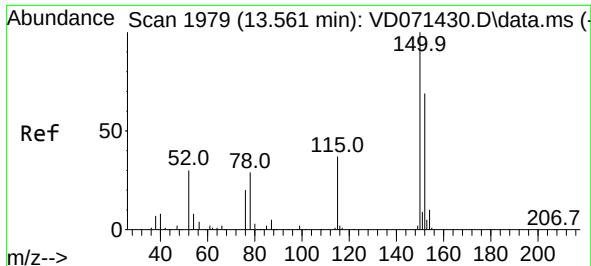
Tgt Ion: 95 Resp: 254538
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.4
176 74.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

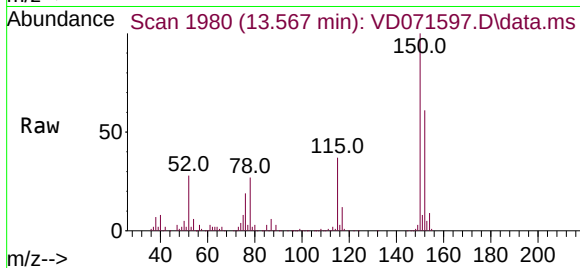
Tgt Ion: 117 Resp: 591316
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 31.1 26.2 39.4



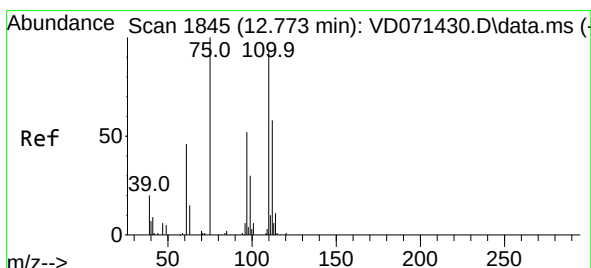
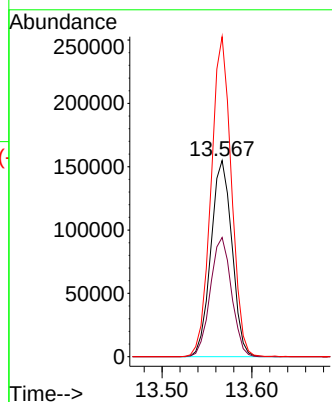
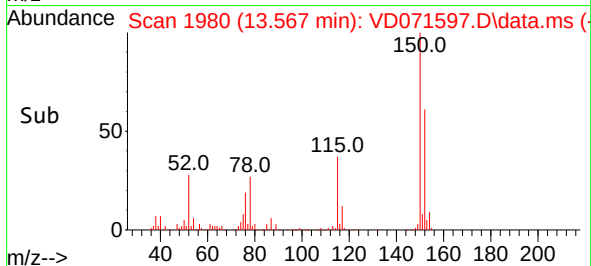


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071597.D
 Acq: 04 Jan 2022 17:07

Instrument :
 MSVOA_D
 ClientSampleId :

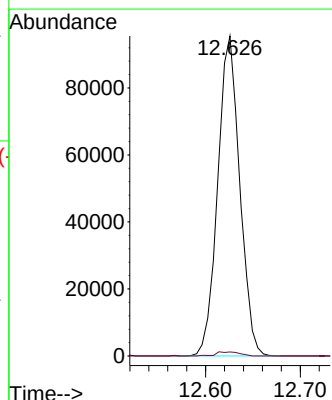
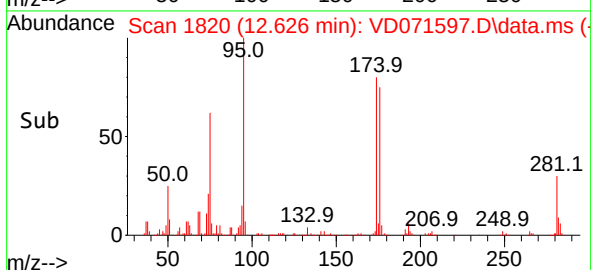
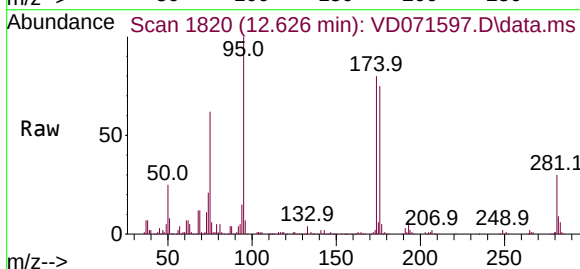


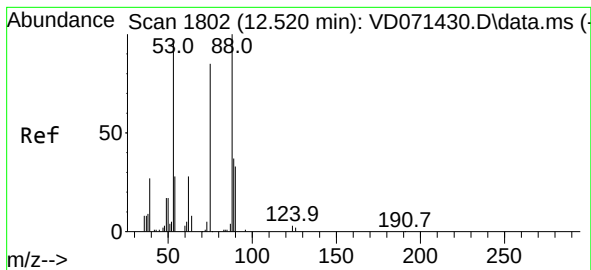
Tgt Ion:152 Resp: 252391
 Ion Ratio Lower Upper
 152 100
 115 61.1 29.8 89.3
 150 157.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 51.452 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071597.D
 Acq: 04 Jan 2022 17:07

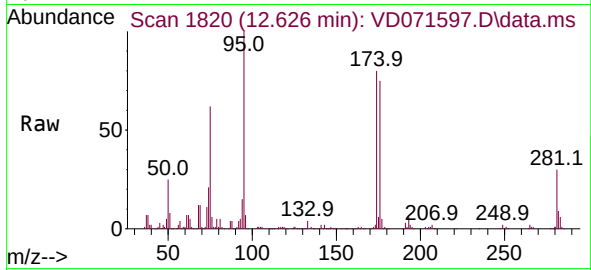
Tgt Ion: 75 Resp: 154297
 Ion Ratio Lower Upper
 75 100
 77 1.4 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.379 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071597.D
 Acq: 04 Jan 2022 17:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 154297
 Ion Ratio Lower Upper
 75 100
 53 0.2 62.6 94.0#
 89 0.6 34.5 51.7#

