

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070639.D
 Acq On : 08 Oct 2021 15:22
 Operator : VA/SY
 Sample : M4113-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

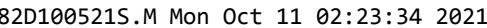
Quant Time: Oct 11 02:23:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

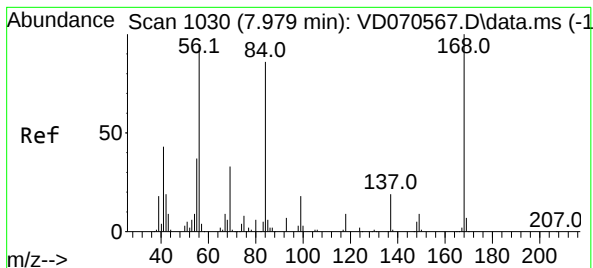
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	378938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	719146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	668555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212640	47.682	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.360%		
35) Dibromofluoromethane	7.914	113	236070	49.374	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.740%		
50) Toluene-d8	10.338	98	925452	50.631	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.620	95	269594	44.130	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.260%		
Target Compounds						
5) Bromomethane	2.767	94	1313	Below Cal	#	75
16) Acetone	4.150	43	875	1.155	ug/l #	40
20) Methylene Chloride	4.961	84	14044	Below Cal		92
31) Cyclohexane	7.979	56	8513	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	32917	4.310	ug/l #	48
38) Carbon Tetrachloride	7.979	117	42252	5.286	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	2966	1.236	ug/l #	1
59) 2-Hexanone	10.861	43	65	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.620	75	123328	50.496	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	123328	112.110	ug/l #	17

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

Quant Time: Oct 11 02:23:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD070639.D

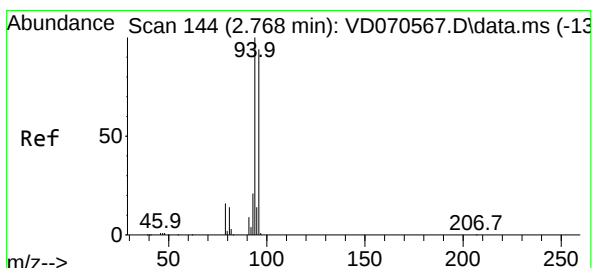
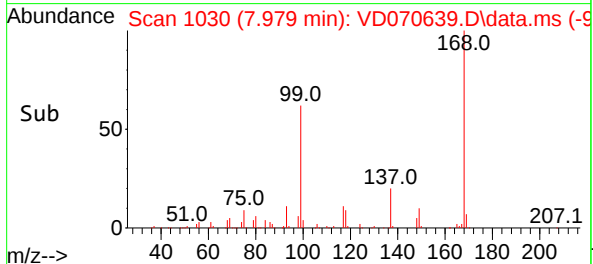
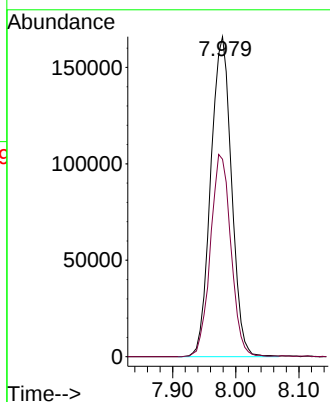
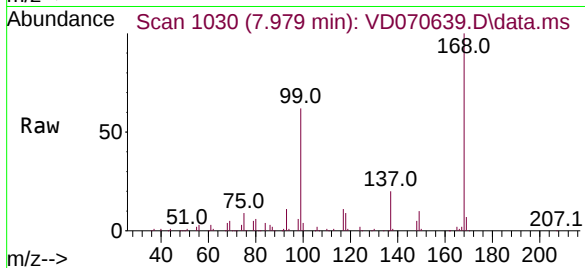
Acq: 08 Oct 2021 15:22

Tgt Ion:168 Resp: 378938

Ion Ratio Lower Upper

168 100

99 61.7 51.4 77.0



#5

Bromomethane

Concen: Below Cal

RT: 2.767 min Scan# 144

Delta R.T. -0.001 min

Lab File: VD070639.D

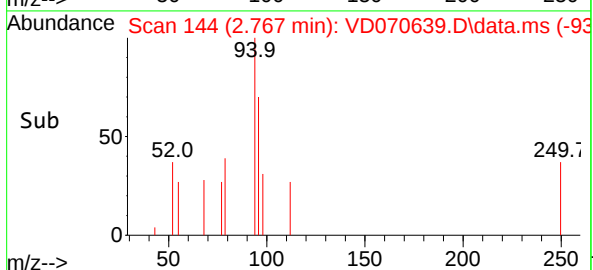
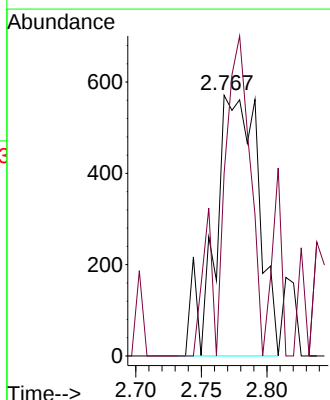
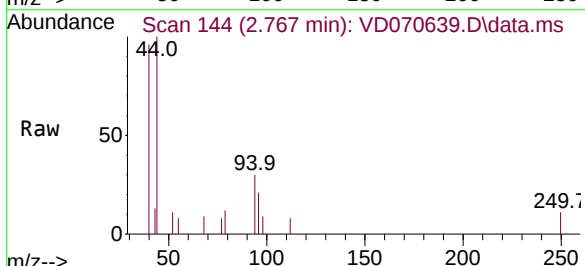
Acq: 08 Oct 2021 15:22

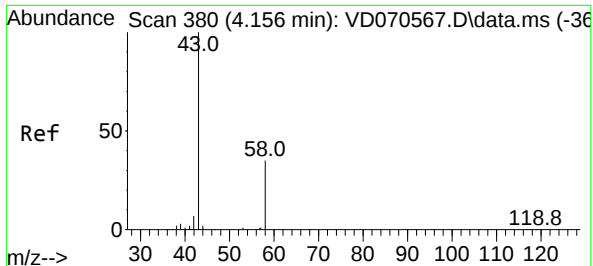
Tgt Ion: 94 Resp: 1313

Ion Ratio Lower Upper

94 100

96 70.1 75.5 113.3#

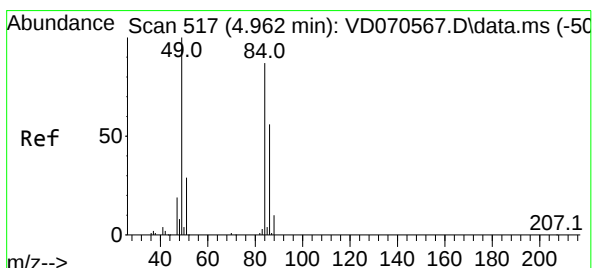
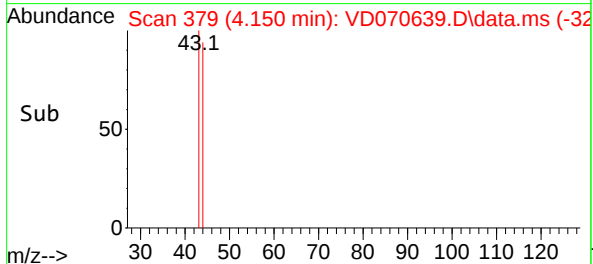
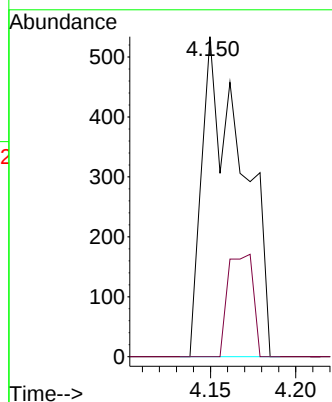
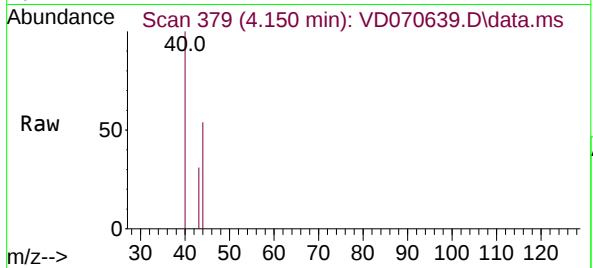




#16
Acetone
Concen: 1.155 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

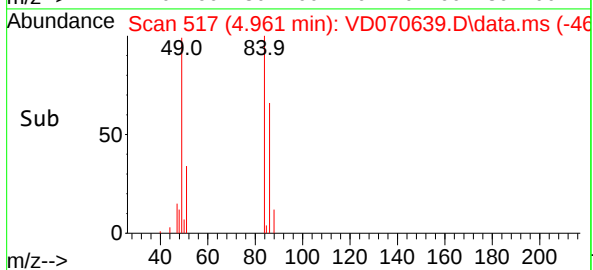
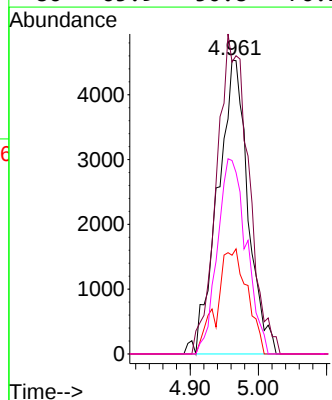
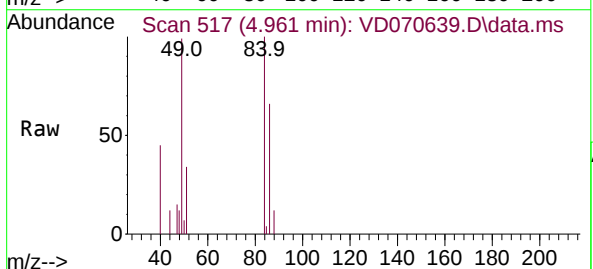
Instrument :
MSVOA_D
ClientSampled :

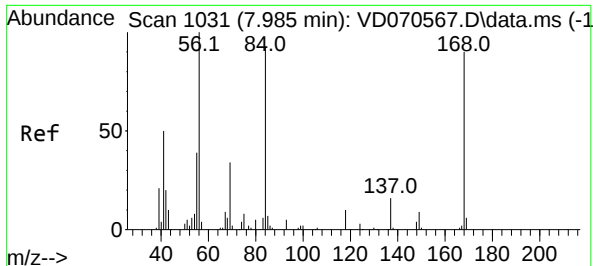
Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion: 84 Resp: 14044
Ion Ratio Lower Upper
84 100
49 99.3 91.4 137.2
51 33.6 26.7 40.1
86 65.9 50.8 76.2

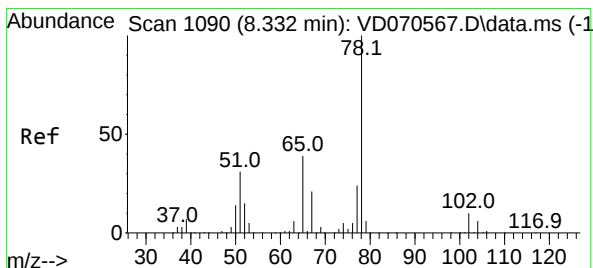
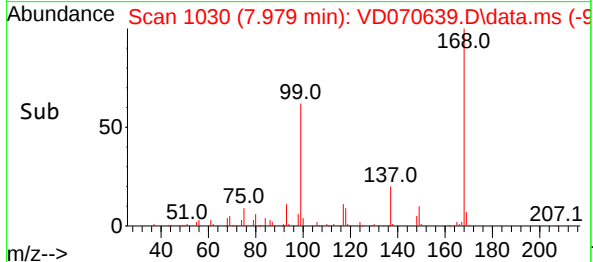
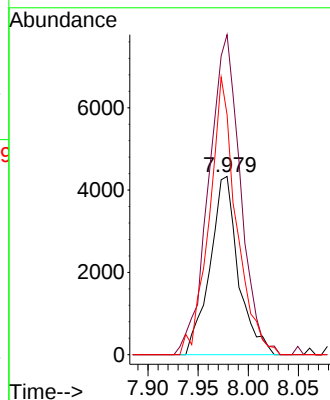
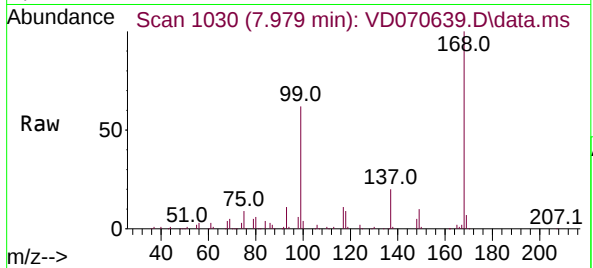




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

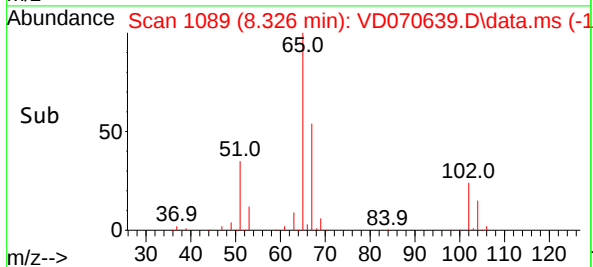
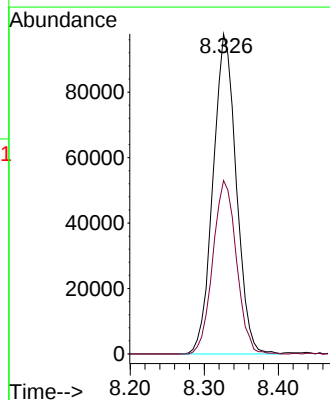
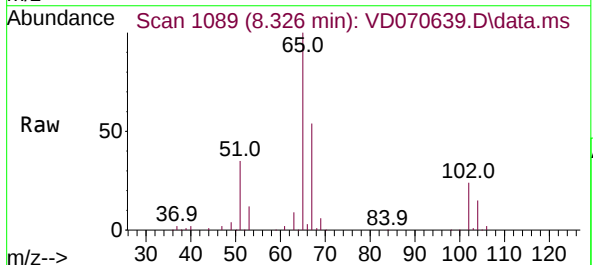
Instrument :
MSVOA_D
ClientSampleId :

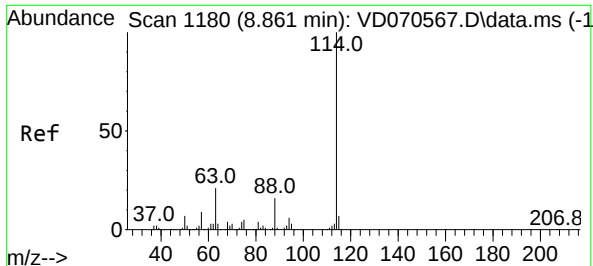
Tgt Ion: 56 Resp: 8513
Ion Ratio Lower Upper
56 100
69 179.6 27.4 41.2#
84 134.7 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 47.682 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion: 65 Resp: 212640
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070639.D

Acq: 08 Oct 2021 15:22

Instrument :

MSVOA_D

ClientSampled :

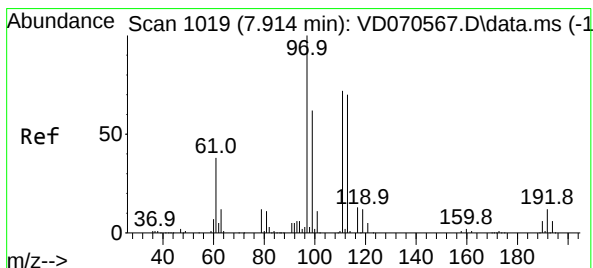
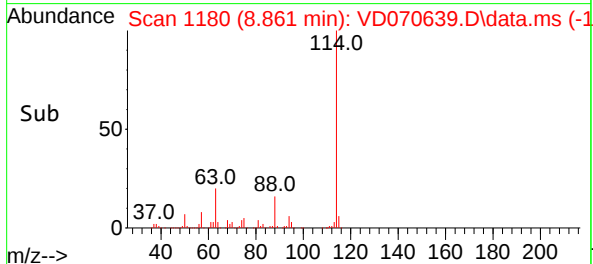
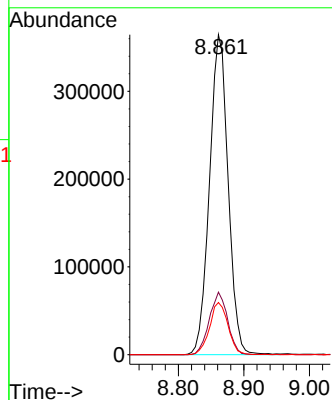
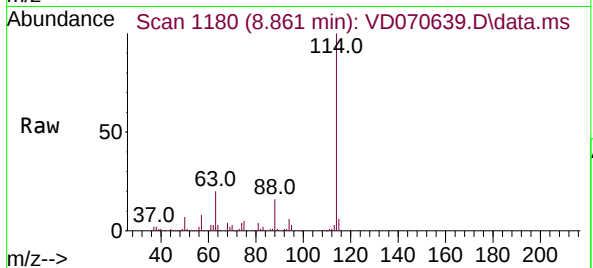
Tgt Ion:114 Resp: 719146

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.8

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.374 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070639.D

Acq: 08 Oct 2021 15:22

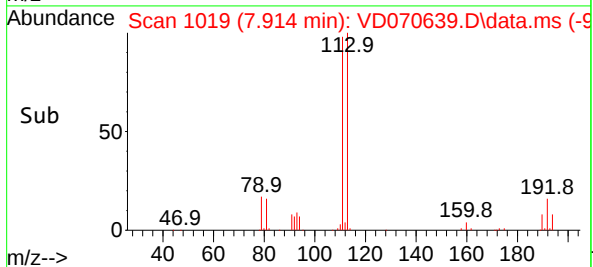
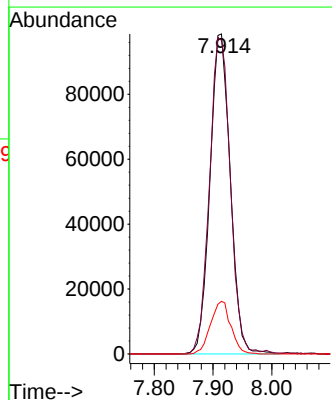
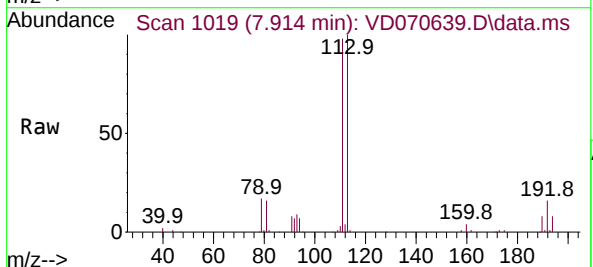
Tgt Ion:113 Resp: 236070

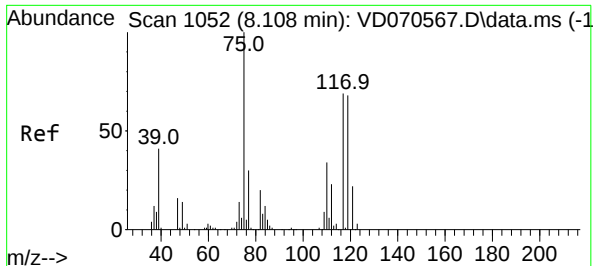
Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

192 16.5 12.7 19.1

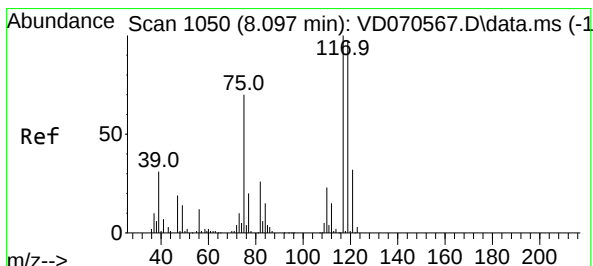
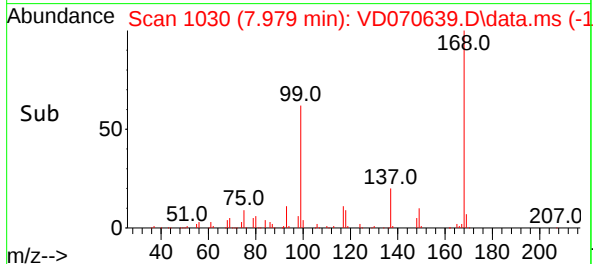
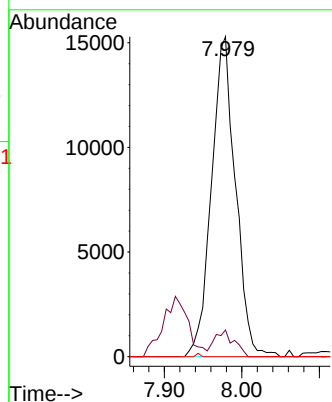
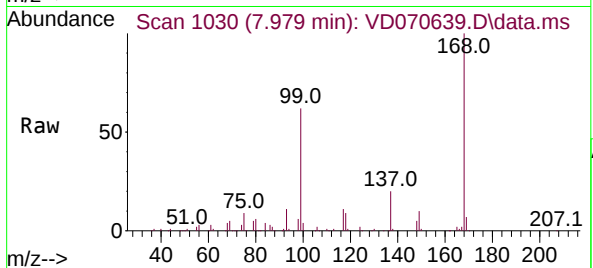




#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

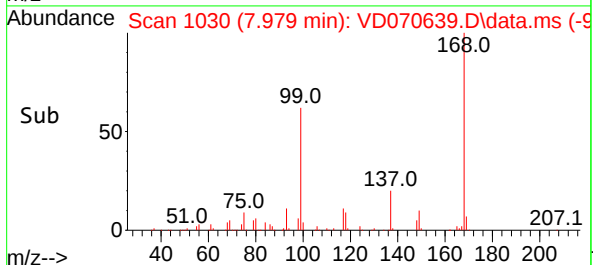
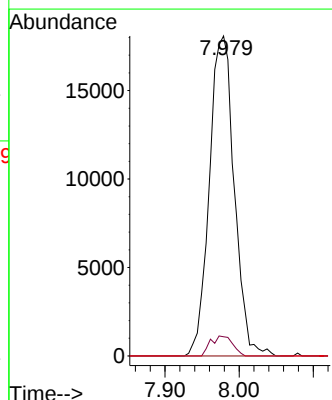
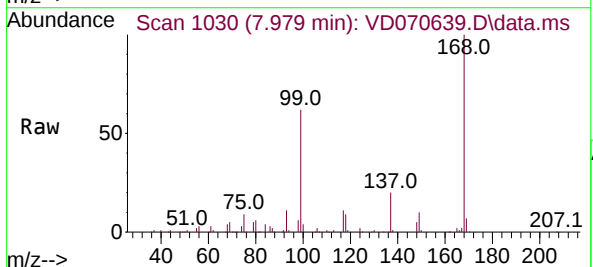
Instrument :
MSVOA_D
ClientSampled :

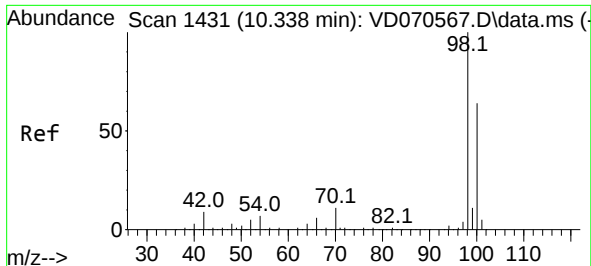
Tgt Ion: 75 Resp: 32917
Ion Ratio Lower Upper
75 100
110 6.7 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.286 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion: 117 Resp: 42252
Ion Ratio Lower Upper
117 100
119 6.0 77.4 116.0#
121 0.0 25.4 38.0#

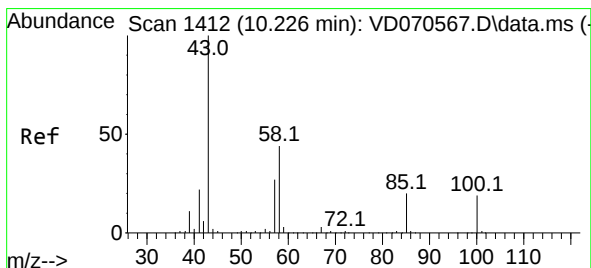
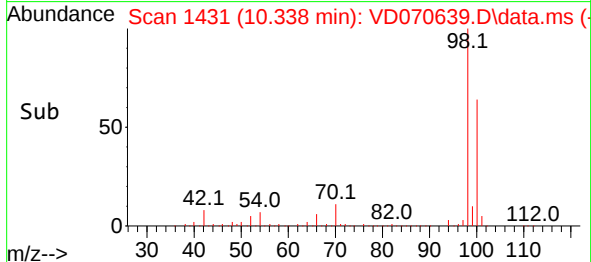
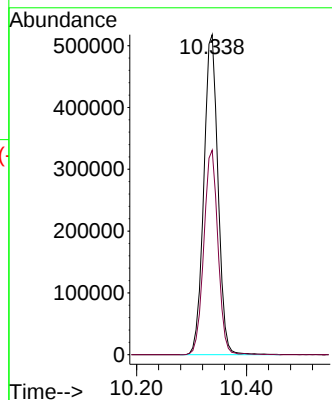
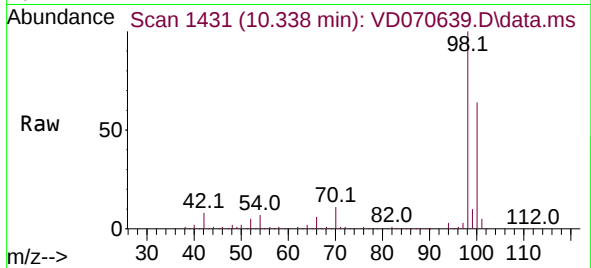




#50
Toluene-d8
Concen: 50.631 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

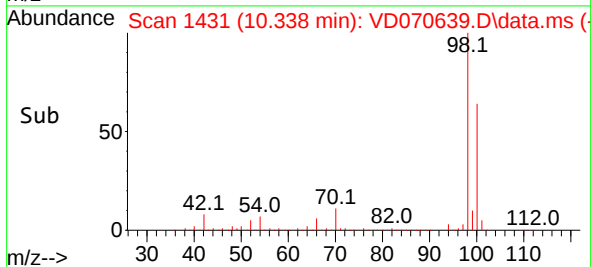
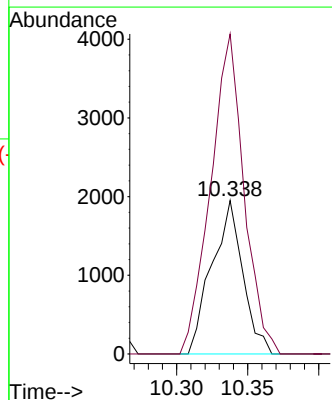
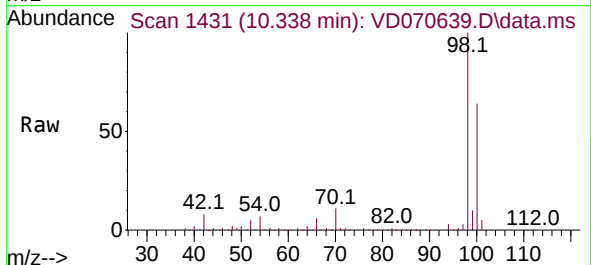
Instrument :
MSVOA_D
ClientSampleId :

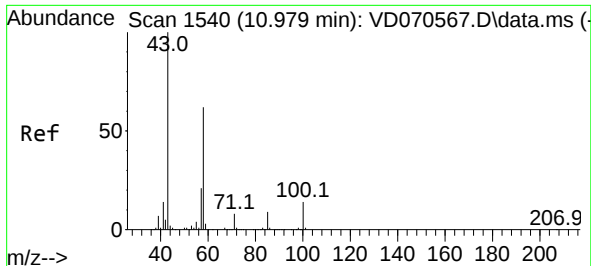
Tgt Ion: 98 Resp: 925452
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.236 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
58 223.9 35.0 52.6#

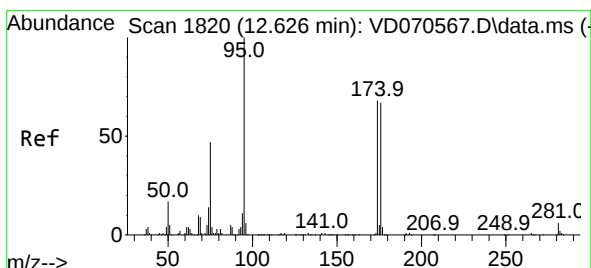
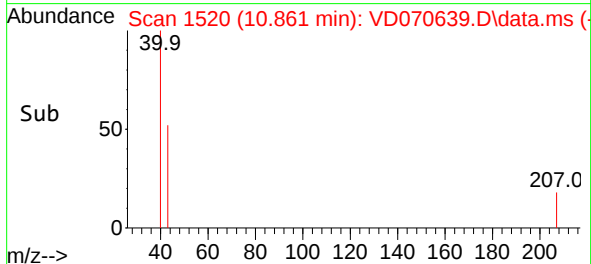
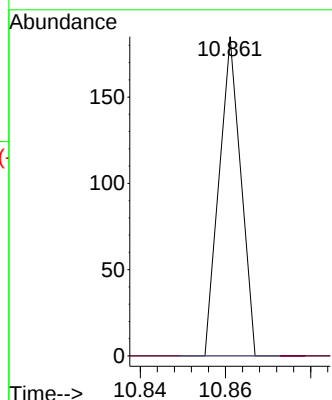
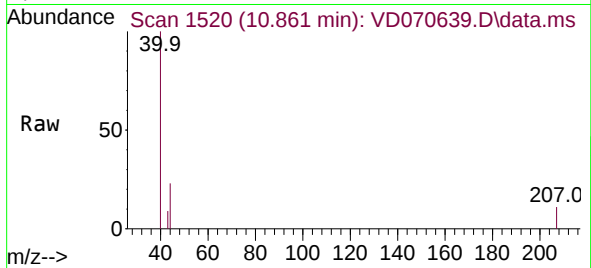




#59
2-Hexanone
Concen: Below Cal
RT: 10.861 min Scan# 1520
Delta R.T. -0.118 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

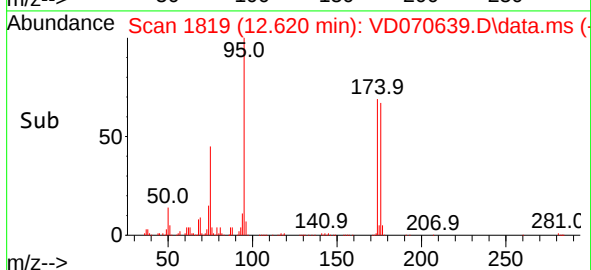
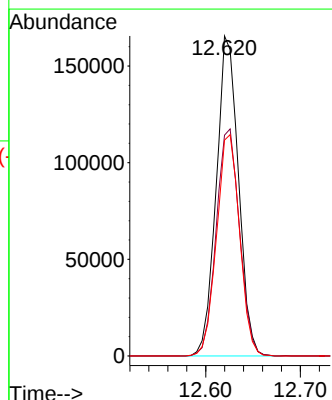
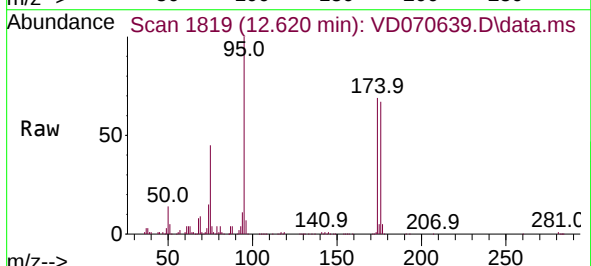
Instrument :
MSVOA_D
ClientSampled :

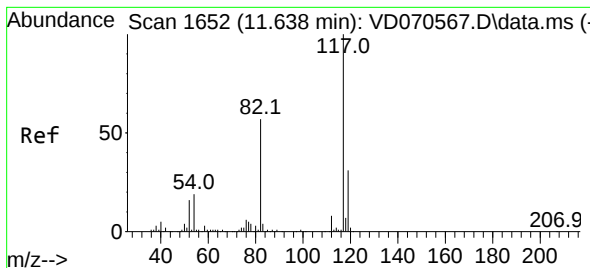
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 44.130 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion: 95 Resp: 269594
Ion Ratio Lower Upper
95 100
174 74.7 0.0 138.0
176 71.6 0.0 135.6

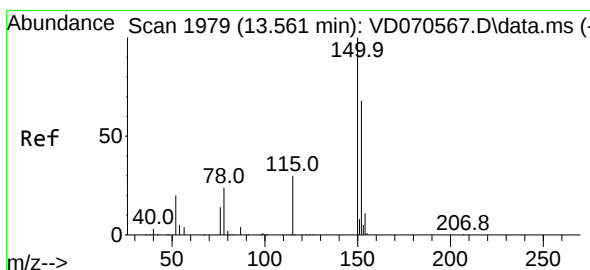
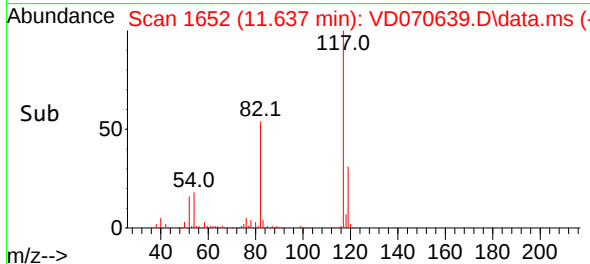
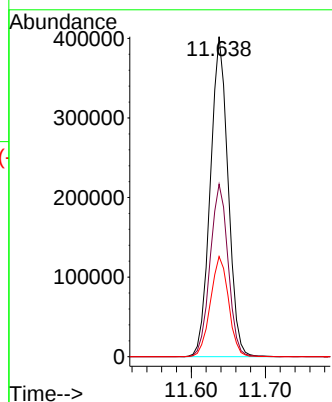
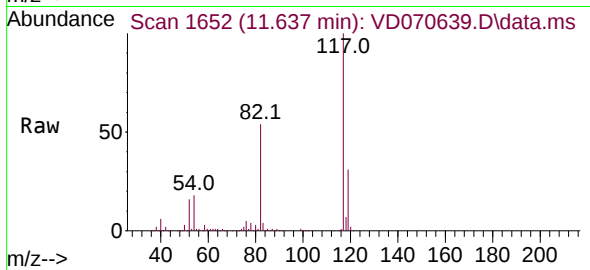




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

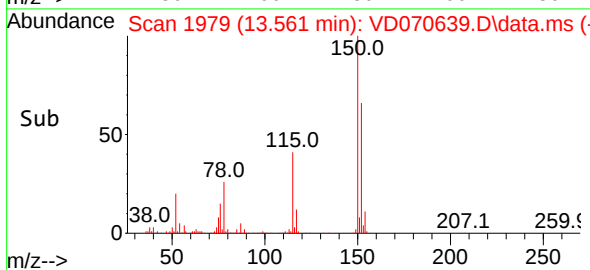
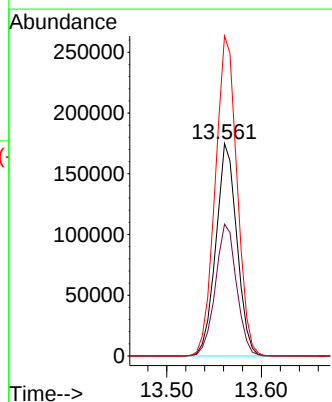
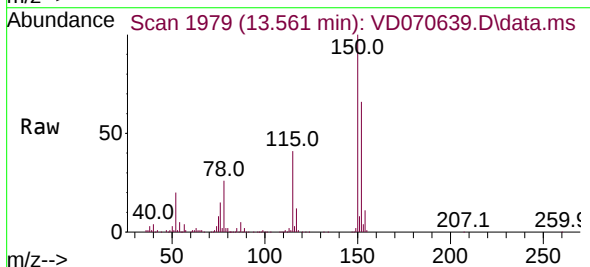
Instrument :
MSVOA_D
ClientSampleId :

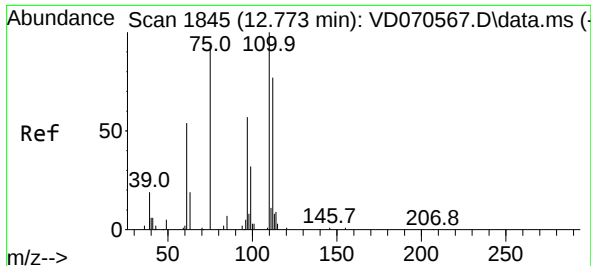
Tgt Ion:117 Resp: 668555
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.2
119 31.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion:152 Resp: 269839
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.7
150 155.9 0.0 350.0

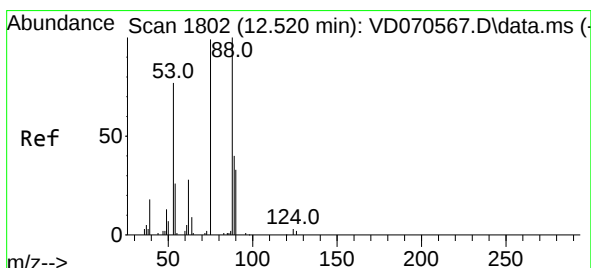
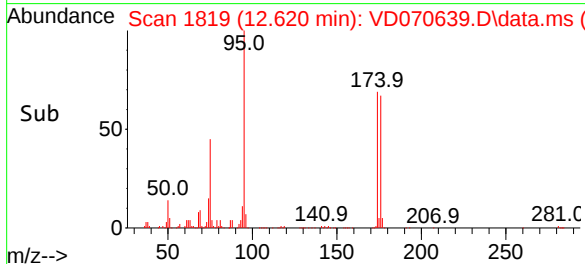
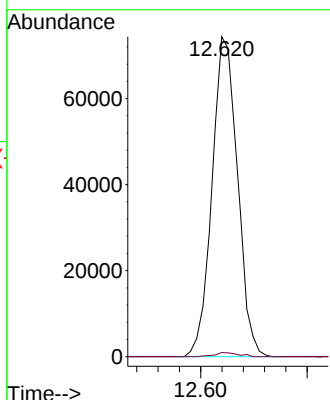
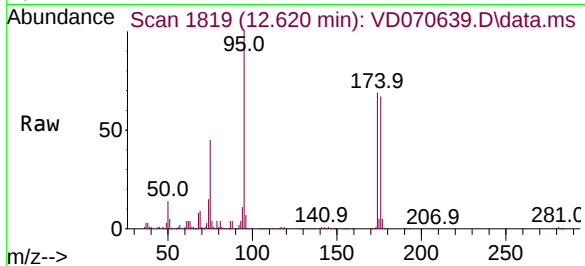




#76
1,2,3-Trichloropropane
Concen: 50.496 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 123328
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.110 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070639.D
Acq: 08 Oct 2021 15:22

Tgt Ion: 75 Resp: 123328
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 35.3 52.9#

