

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070706.D
 Acq On : 13 Oct 2021 19:12
 Operator : VA/SY
 Sample : M4195-01
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 14 04:05:51 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)

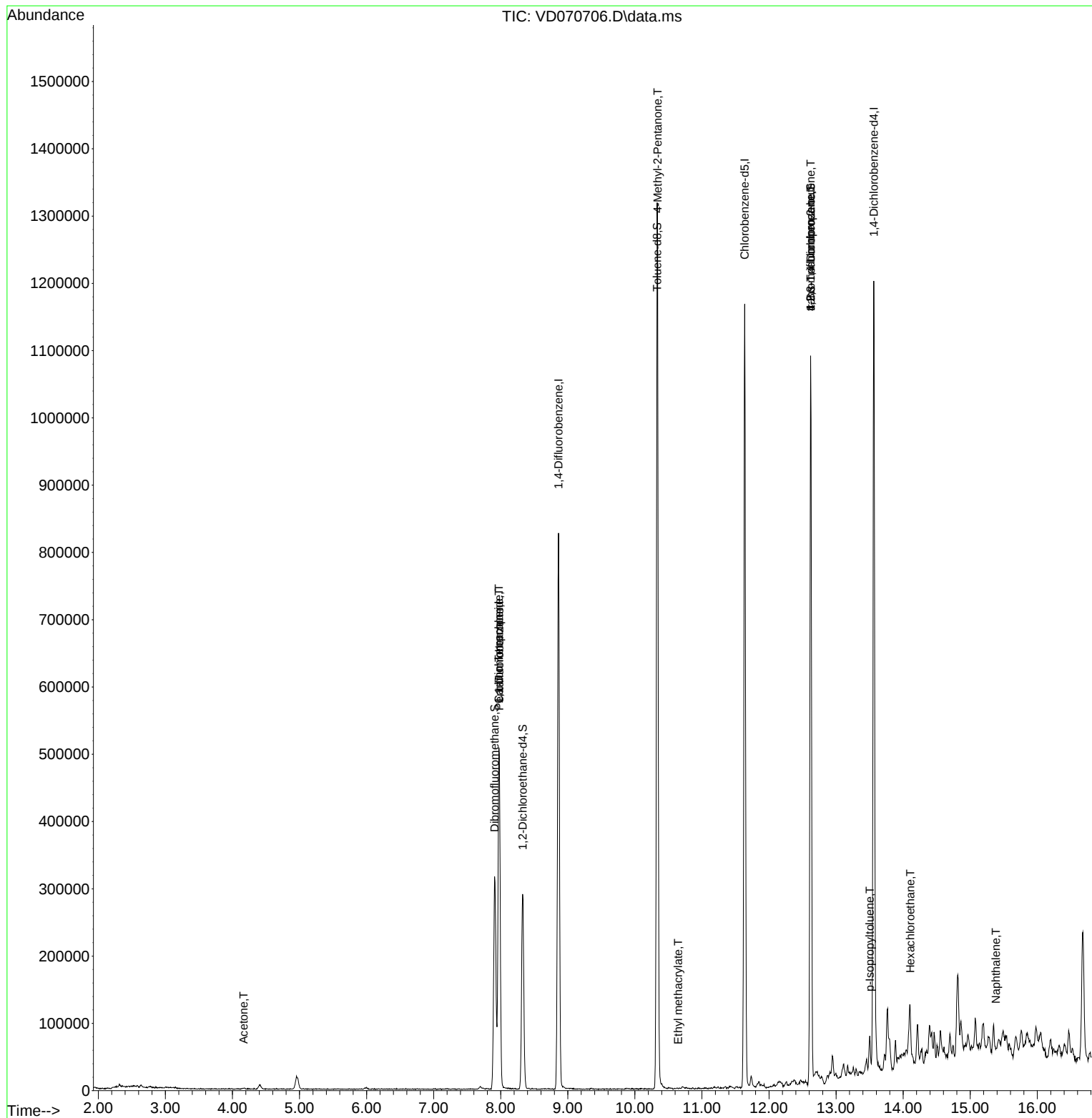
Internal Standards						
1) Pentafluorobenzene	7.979	168	371893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	708067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	315986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233404	53.329	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 106.660%		
35) Dibromofluoromethane	7.909	113	236832	50.308	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 100.620%		
50) Toluene-d8	10.332	98	905188	50.298	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 100.600%		
62) 4-Bromofluorobenzene	12.620	95	318974	53.031	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 106.060%		
Target Compounds						Qvalue
5) Bromomethane	2.785	94	1102	Below Cal	#	44
16) Acetone	4.168	43	2618	3.523	ug/l #	40
20) Methylene Chloride	4.956	84	16780	Below Cal	#	84
36) 1,1-Dichloropropene	7.973	75	31036	4.127	ug/l #	49
38) Carbon Tetrachloride	7.973	117	41076	5.219	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3435	1.454	ug/l #	1
56) Ethyl methacrylate	10.644	69	138	1.402	ug/l #	49
59) 2-Hexanone	10.950	43	265	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.620	75	153451	53.654	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	153451	119.121	ug/l #	18
86) p-Isopropyltoluene	13.502	119	26971	1.312	ug/l	98
90) Hexachloroethane	14.108	117	5569	1.253	ug/l #	18
95) Naphthalene	15.385	128	3308	2.803	ug/l #	74

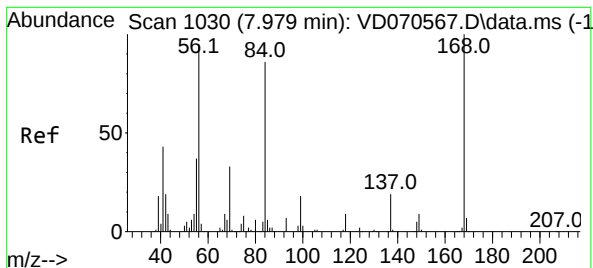
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampled :

Quant Time: Oct 14 04:05:51 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

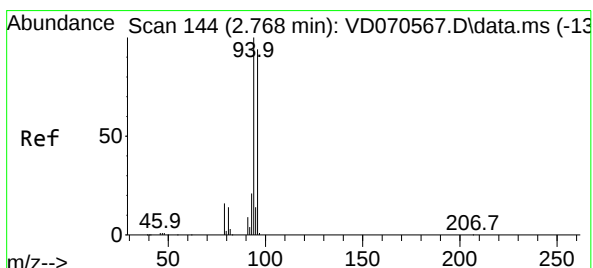
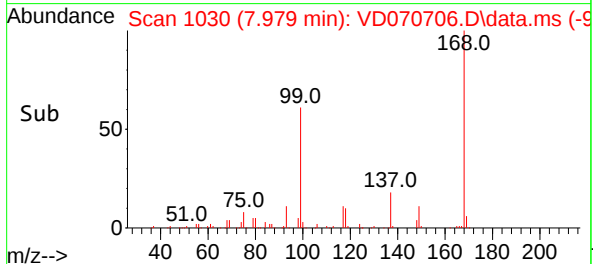
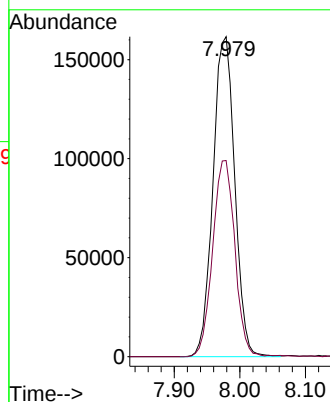
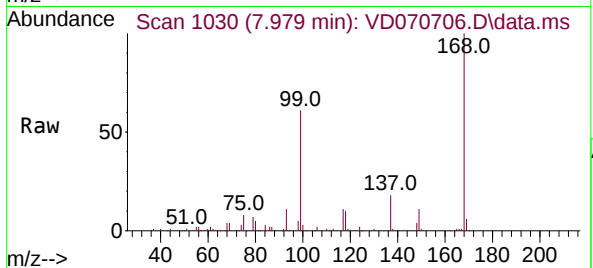




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

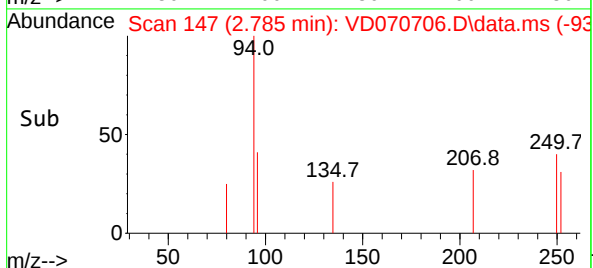
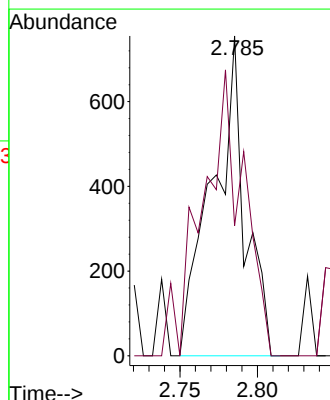
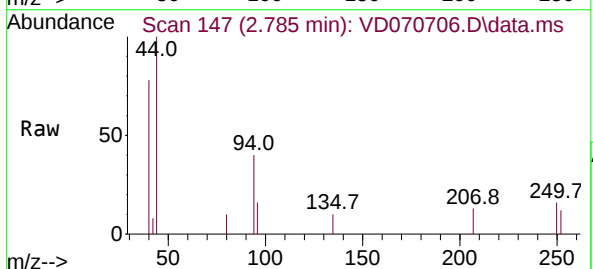
Instrument :
MSVOA_D
ClientSampleId :

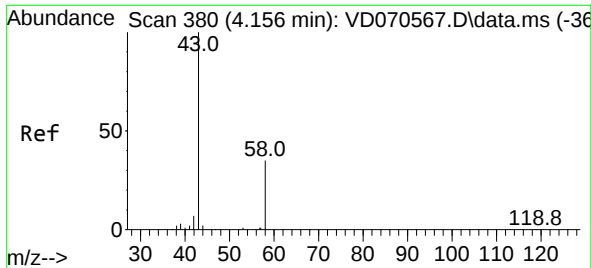
Tgt Ion:168 Resp: 371893
Ion Ratio Lower Upper
168 100
99 61.3 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion: 94 Resp: 1102
Ion Ratio Lower Upper
94 100
96 40.7 75.5 113.3#

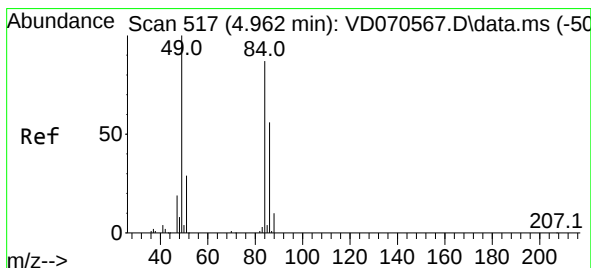
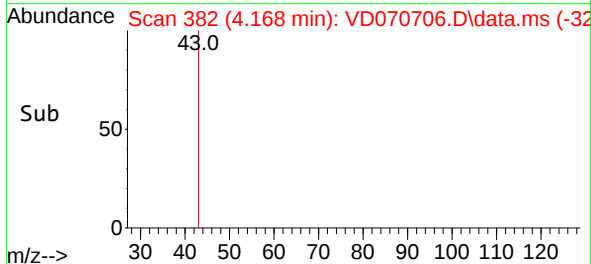
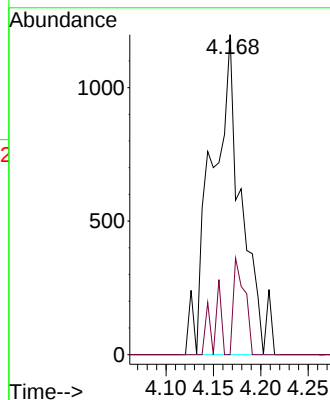
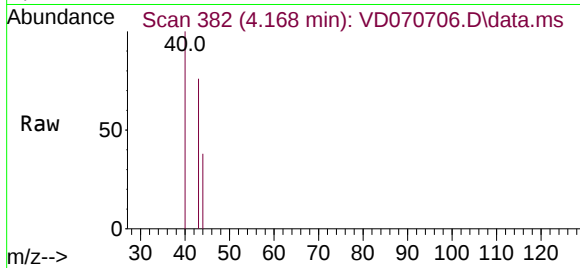




#16
Acetone
Concen: 3.523 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

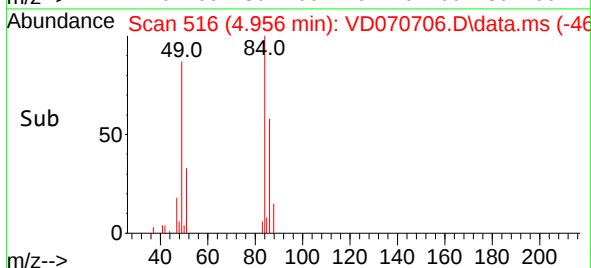
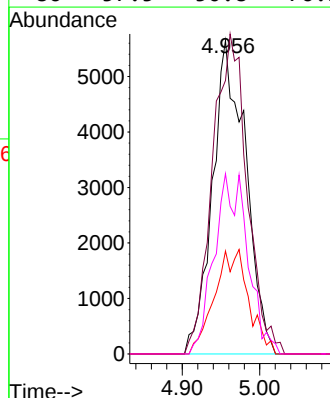
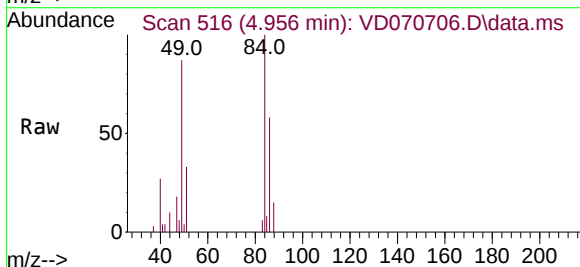
Instrument :
MSVOA_D
ClientSampled :

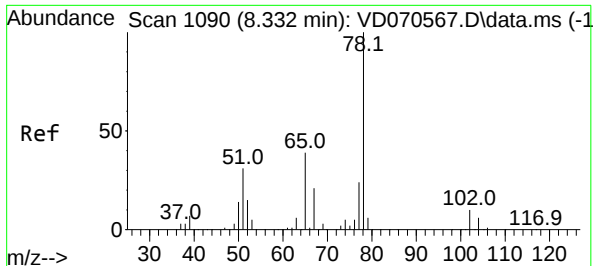
Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion: 84 Resp: 16780
Ion Ratio Lower Upper
84 100
49 87.3 91.4 137.2#
51 32.8 26.7 40.1
86 57.5 50.8 76.2

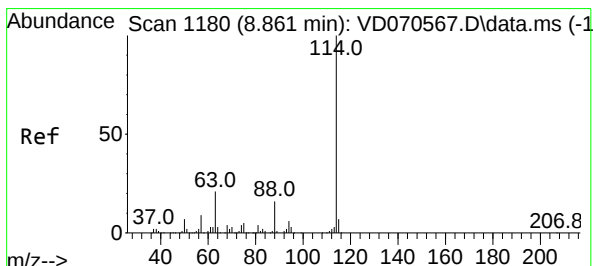
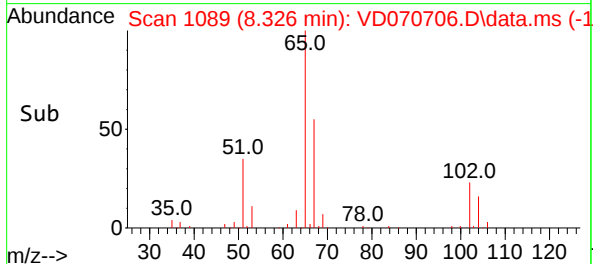
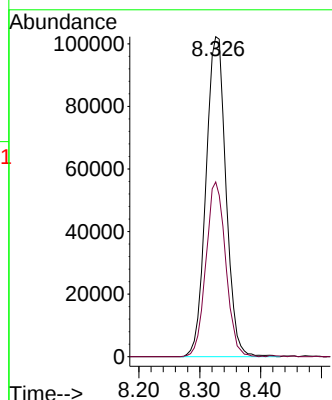
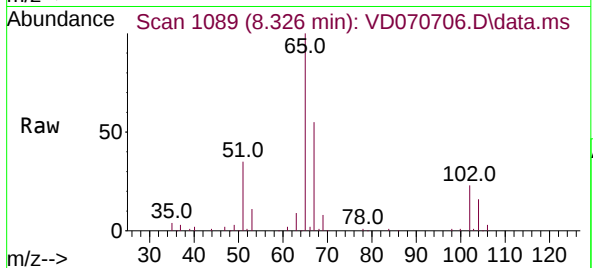




#33
1,2-Dichloroethane-d4
Concen: 53.329 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

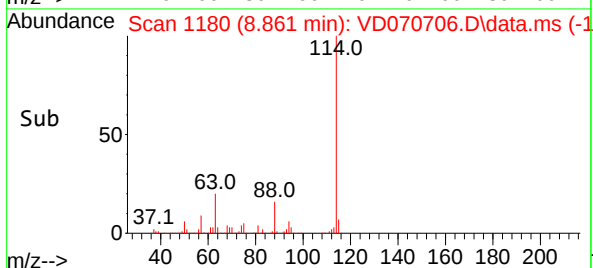
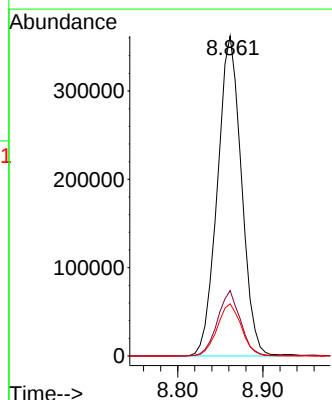
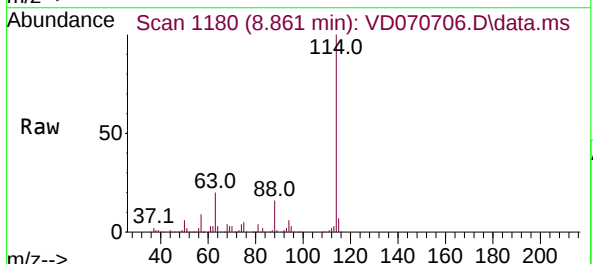
Instrument :
MSVOA_D
ClientSampleId :

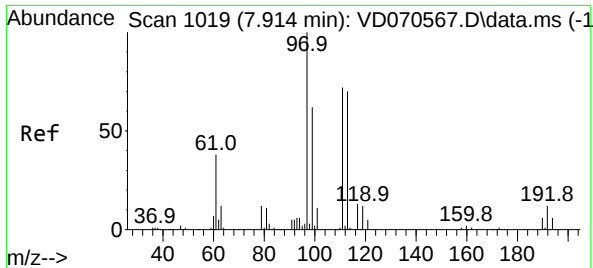
Tgt Ion: 65 Resp: 233404
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion:114 Resp: 708067
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.8
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.308 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070706.D

Acq: 13 Oct 2021 19:12

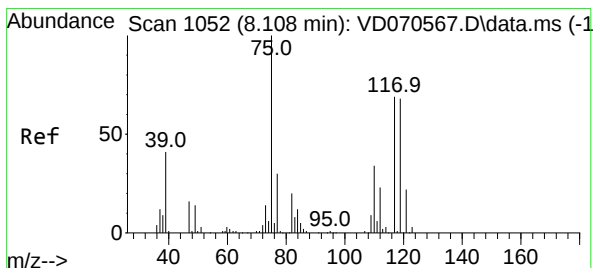
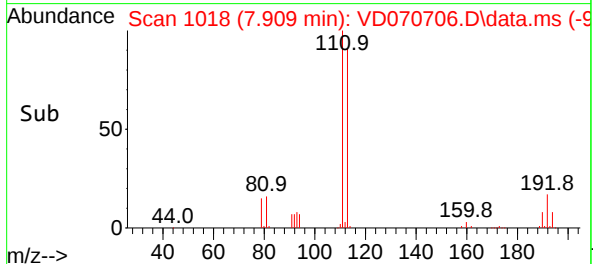
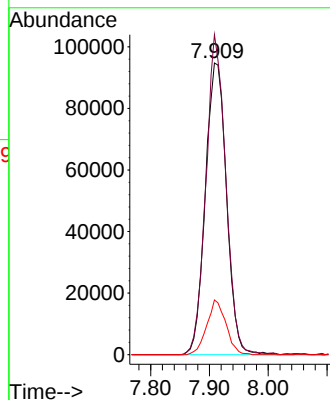
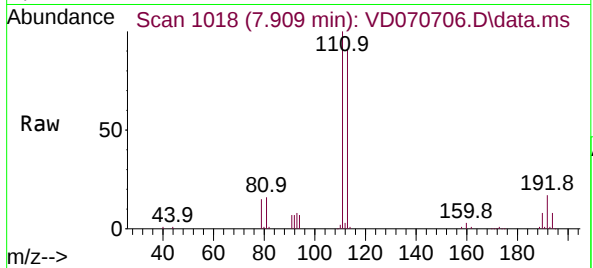
Tgt Ion:113 Resp: 236832

Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

192 17.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.127 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070706.D

Acq: 13 Oct 2021 19:12

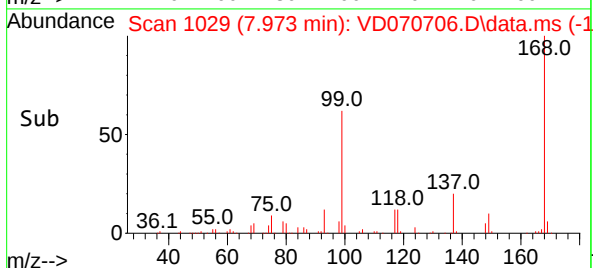
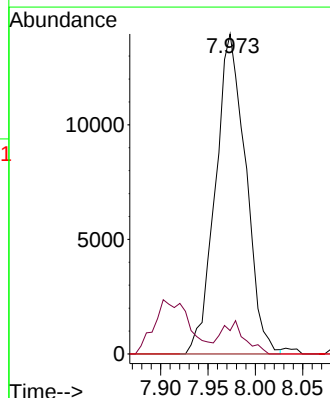
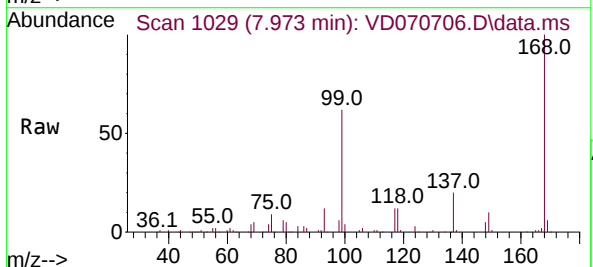
Tgt Ion: 75 Resp: 31036

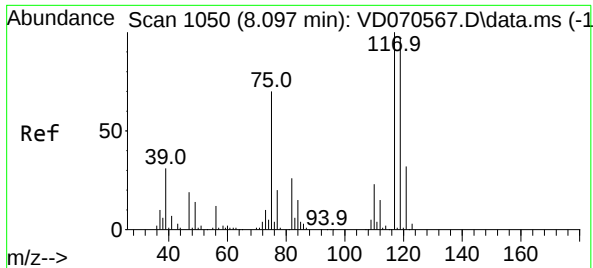
Ion Ratio Lower Upper

75 100

110 7.7 17.2 51.6#

77 0.0 24.2 36.4#

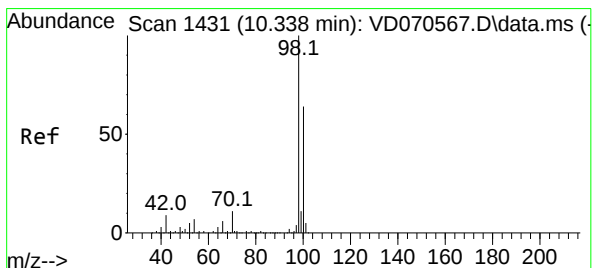
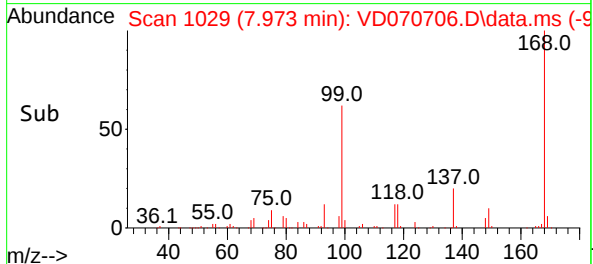
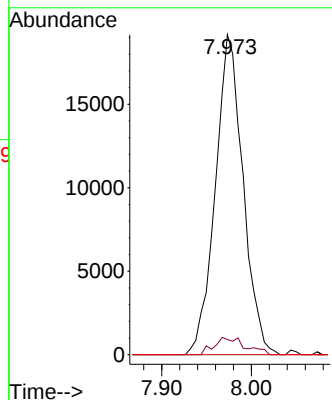
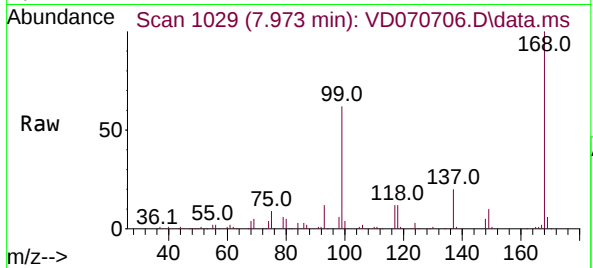




#38
Carbon Tetrachloride
Concen: 5.219 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

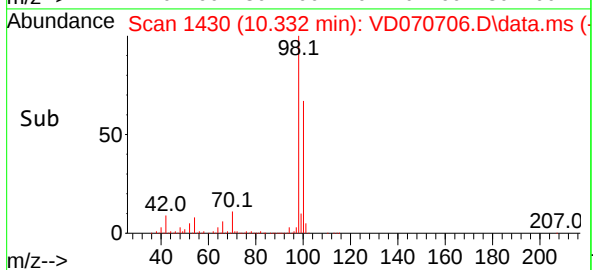
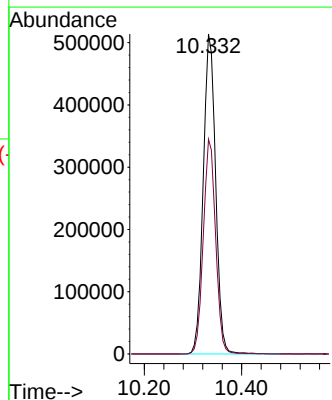
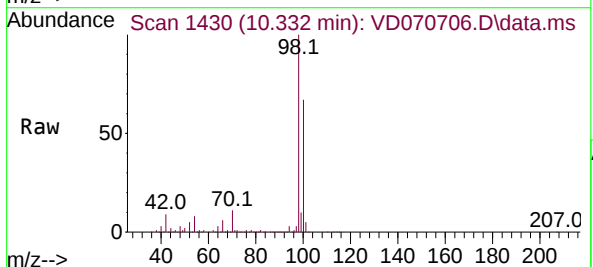
Instrument :
MSVOA_D
ClientSampled :

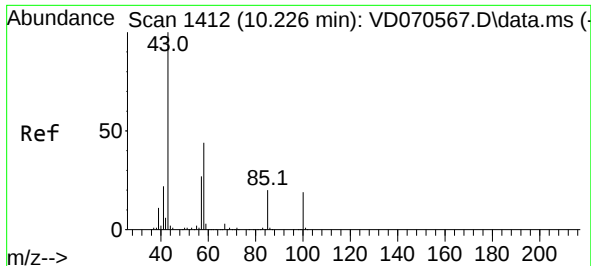
Tgt Ion:117 Resp: 41076
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion: 98 Resp: 905188
Ion Ratio Lower Upper
98 100
100 66.8 52.2 78.4

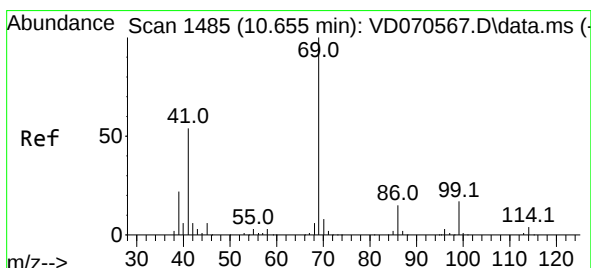
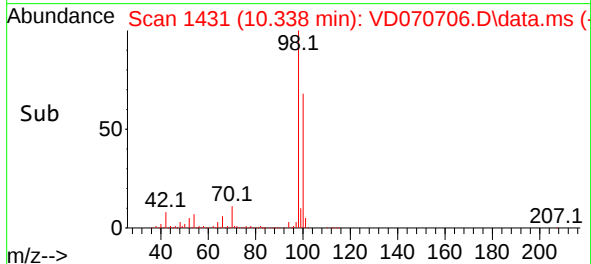
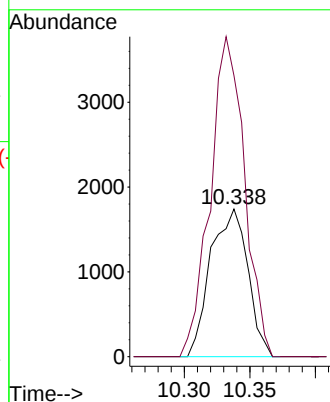
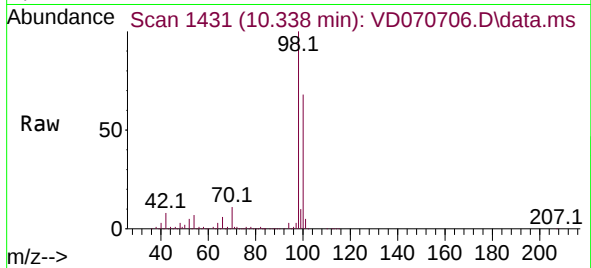




#51
4-Methyl-2-Pentanone
Concen: 1.454 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

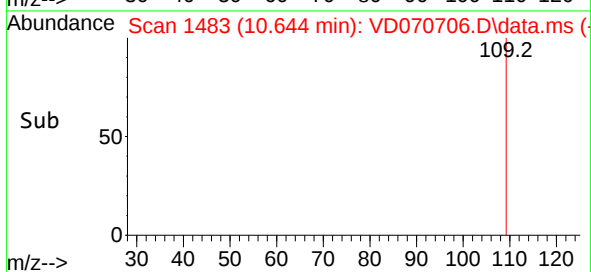
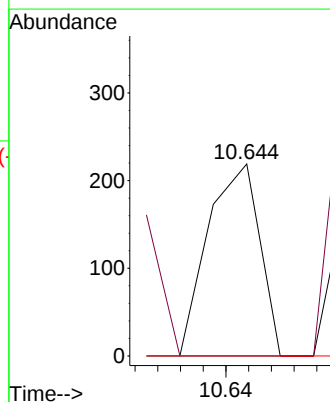
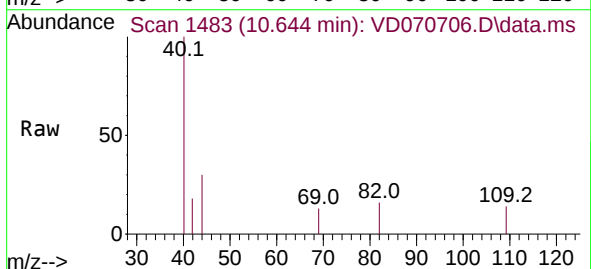
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MSVOA_D
ClientSampled :

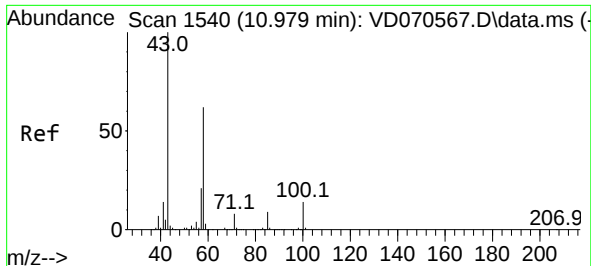
Tgt Ion: 43 Resp: 3435
Ion Ratio Lower Upper
43 100
58 199.8 35.0 52.6#



#56
Ethyl methacrylate
Concen: 1.402 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.011 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion: 69 Resp: 138
Ion Ratio Lower Upper
69 100
41 93.5 44.7 67.1#
39 0.0 19.5 29.3#

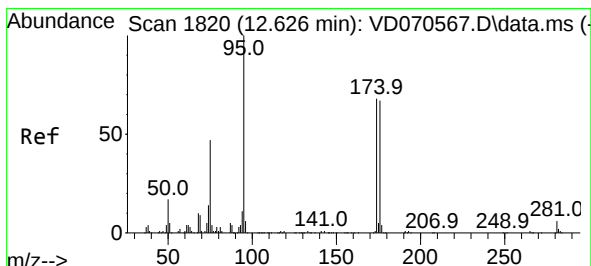
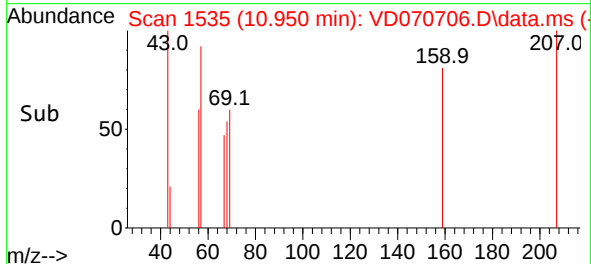
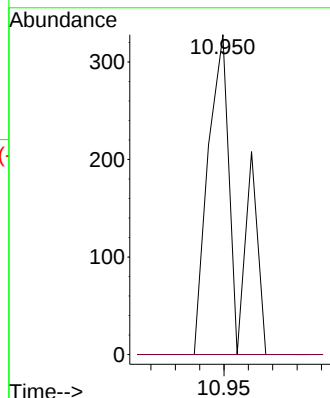
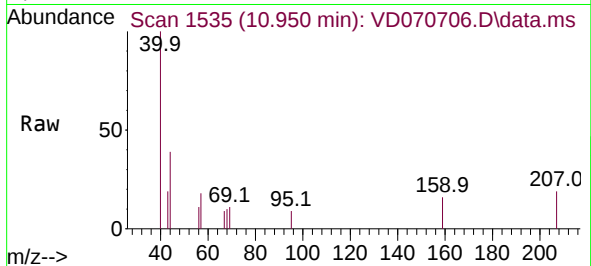




#59
2-Hexanone
Concen: Below Cal
RT: 10.950 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

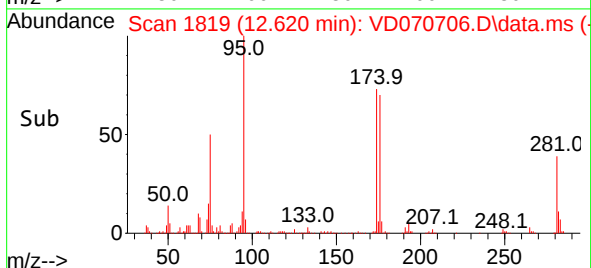
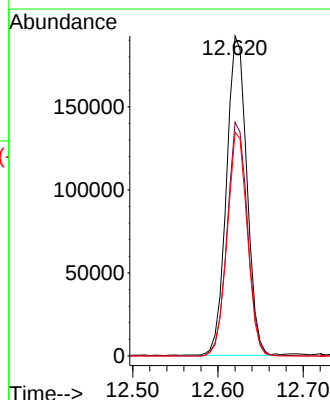
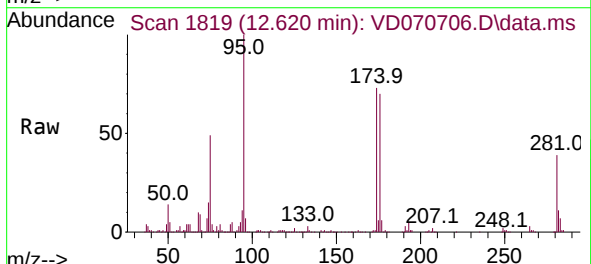
Instrument :
MSVOA_D
ClientSampled :

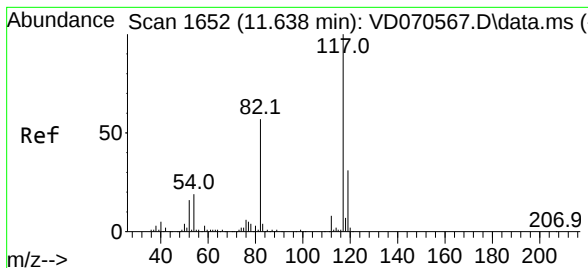
Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 53.031 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion: 95 Resp: 318974
Ion Ratio Lower Upper
95 100
174 72.9 0.0 138.0
176 69.4 0.0 135.6

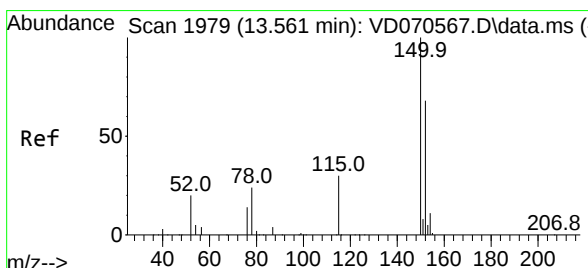
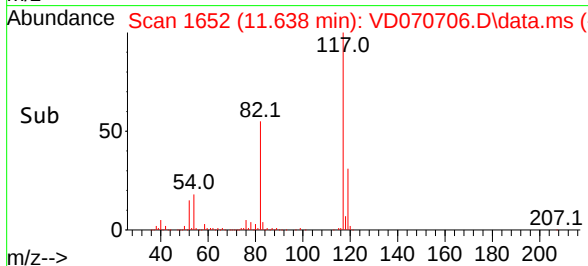
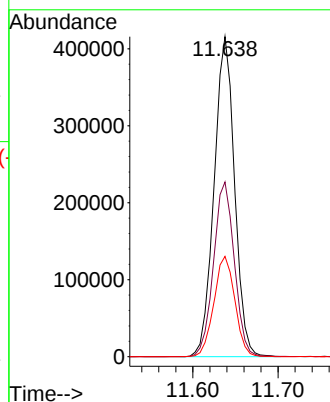
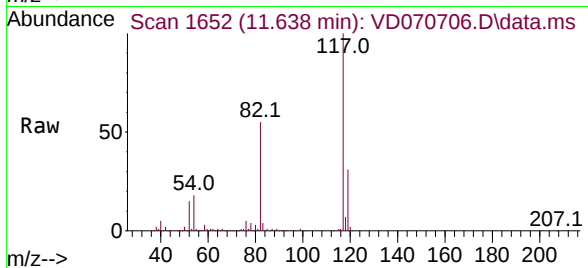




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

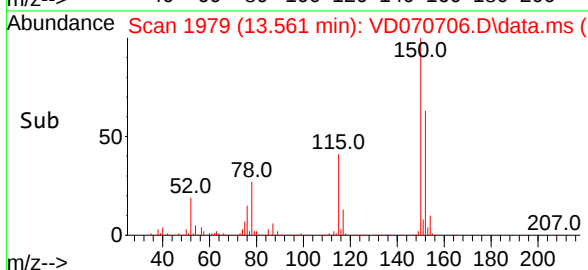
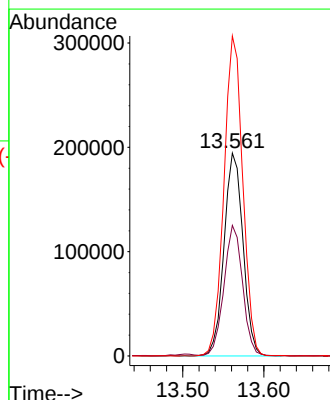
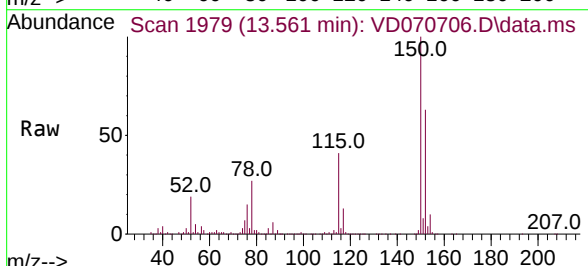
Instrument :
MSVOA_D
ClientSampleId :

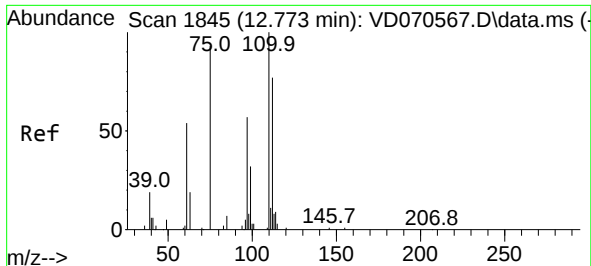
Tgt Ion:117 Resp: 693483
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.2
119 31.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion:152 Resp: 315986
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.7
150 156.4 0.0 350.0

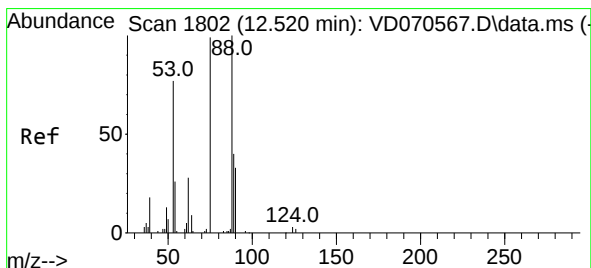
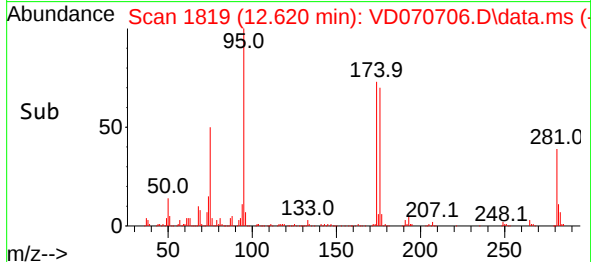
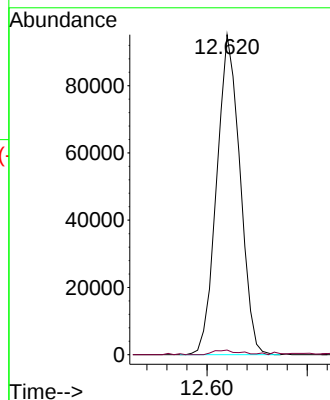
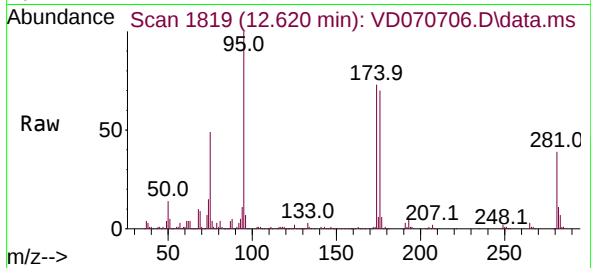




#76
1,2,3-Trichloropropane
Concen: 53.654 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

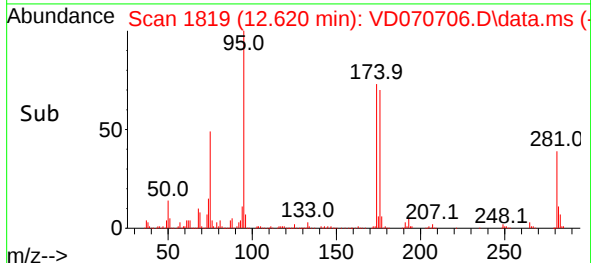
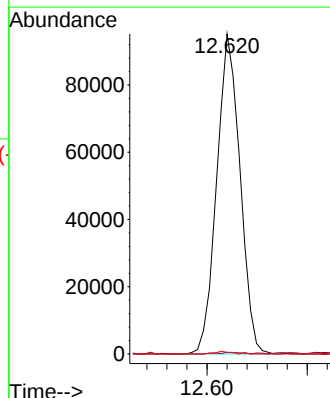
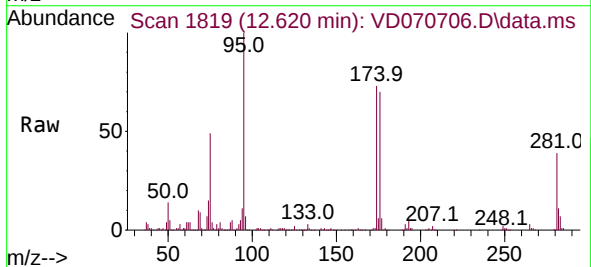
Instrument :
MSVOA_D
ClientSampled :

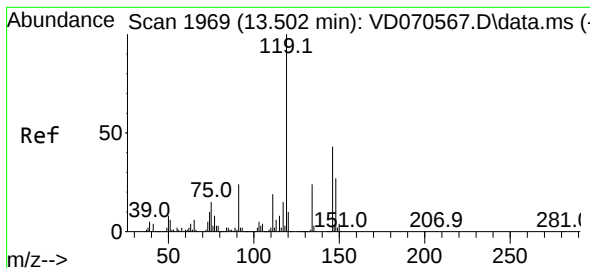
Tgt Ion: 75 Resp: 153451
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.121 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion: 75 Resp: 153451
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.6 35.3 52.9#

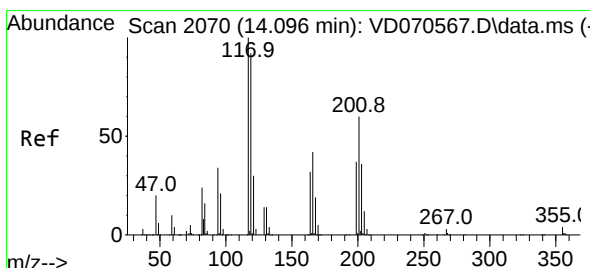
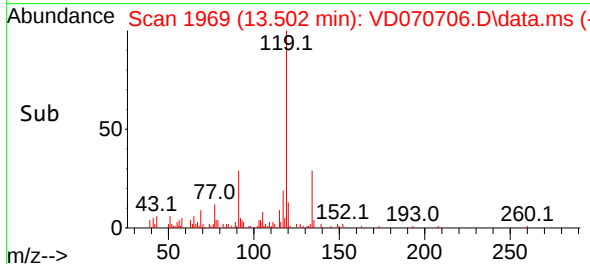
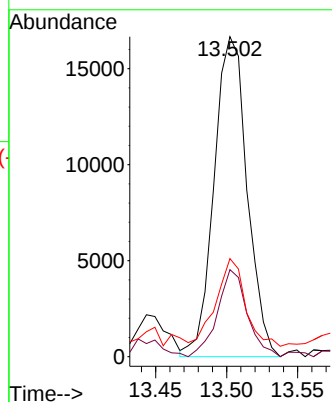
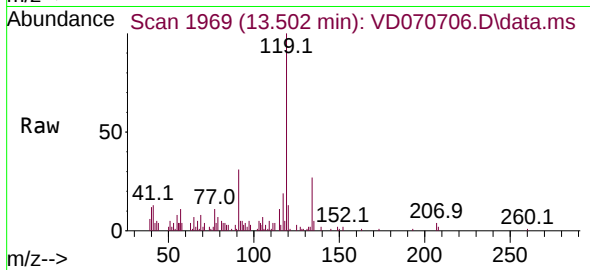




#86
p-Isopropyltoluene
Concen: 1.312 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

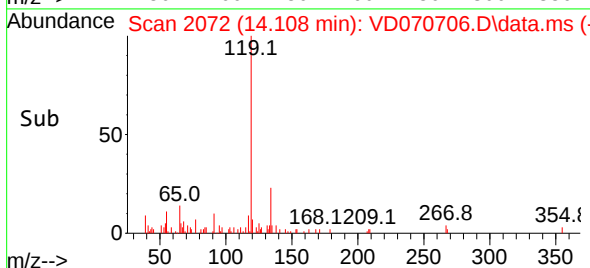
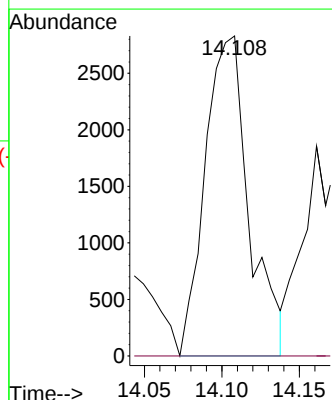
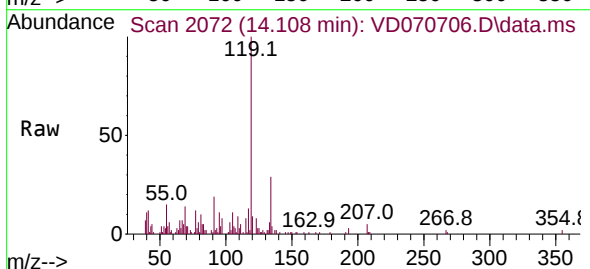
Instrument :
MSVOA_D
ClientSampled :

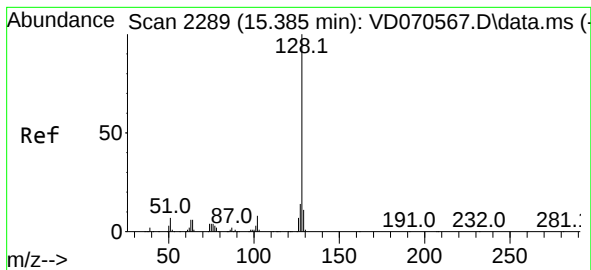
Tgt Ion:119 Resp: 26971
Ion Ratio Lower Upper
119 100
134 24.4 12.5 37.5
91 22.7 11.9 35.5



#90
Hexachloroethane
Concen: 1.253 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.012 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Tgt Ion:117 Resp: 5569
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#





#95
Naphthalene
Concen: 2.803 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070706.D
Acq: 13 Oct 2021 19:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 3308
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 4.5 8.6 12.8#

