

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070703.D
 Acq On : 13 Oct 2021 17:45
 Operator : VA/SY
 Sample : M4194-02
 Misc : 6.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

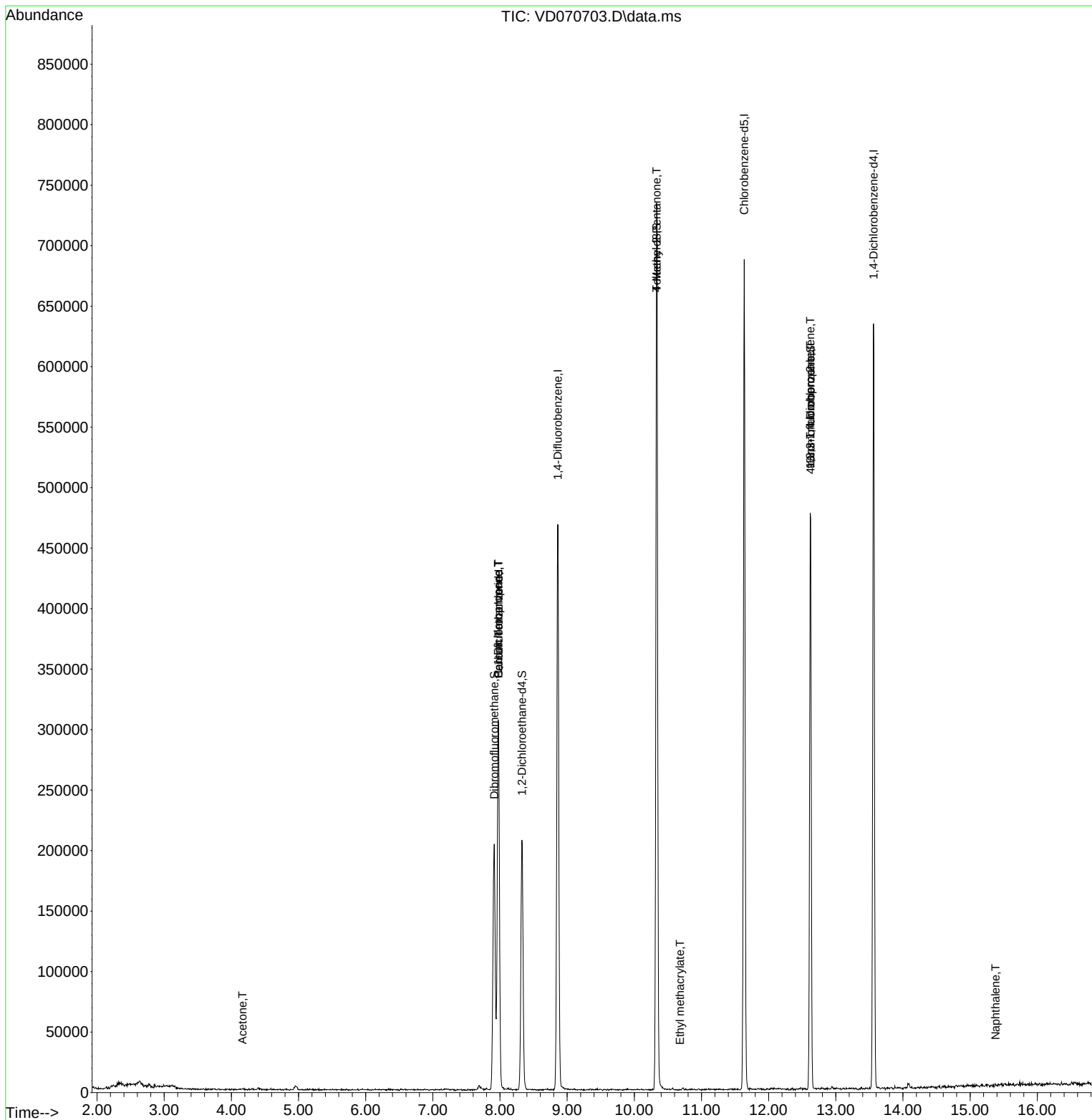
Quant Time: Oct 14 04:05:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

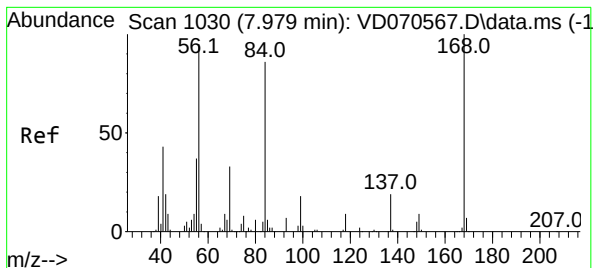
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	222781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	410303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	414366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	176524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166907	63.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.320%
35) Dibromofluoromethane	7.914	113	150115	55.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.060%
50) Toluene-d8	10.332	98	531148	50.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.626	95	169680	48.682	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.360%
Target Compounds						
						Qvalue
5) Bromomethane	2.773	94	1061	Below Cal		93
16) Acetone	4.167	43	881	1.979	ug/l	97
20) Methylene Chloride	4.956	84	1308	Below Cal	#	91
36) 1,1-Dichloropropene	7.973	75	18160	4.167	ug/l #	52
38) Carbon Tetrachloride	7.979	117	24123	5.290	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	1735	1.268	ug/l #	1
56) Ethyl methacrylate	10.679	69	54	1.393	ug/l #	38
59) 2-Hexanone	10.949	43	151	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.620	75	81222	50.836	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	81222	112.864	ug/l #	17
95) Naphthalene	15.379	128	192	2.522	ug/l #	69

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

Quant Time: Oct 14 04:05:03 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

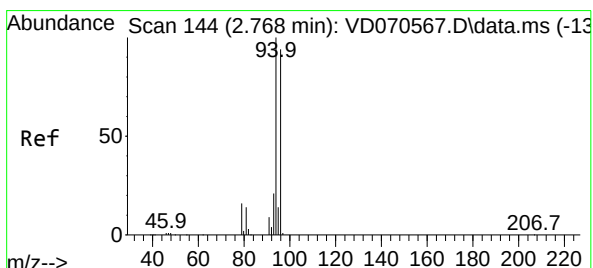
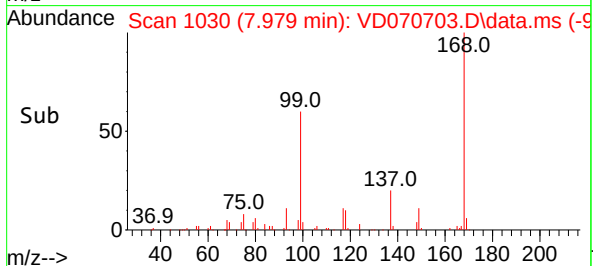
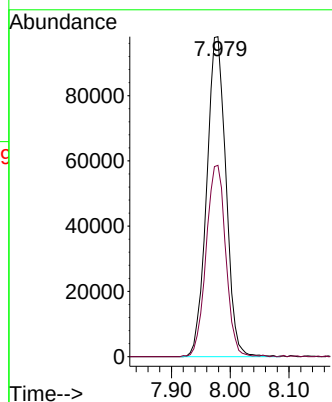
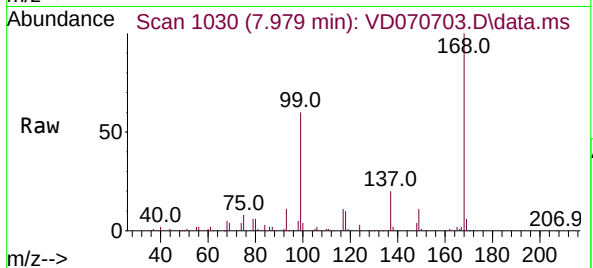




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

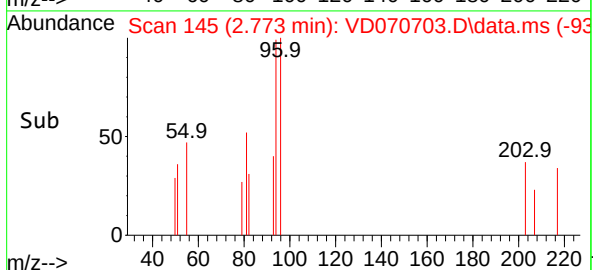
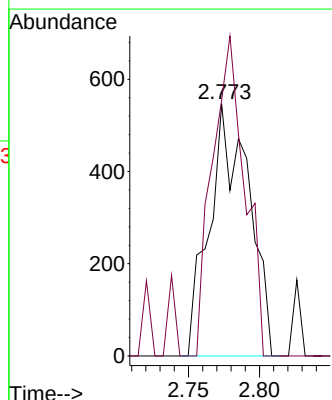
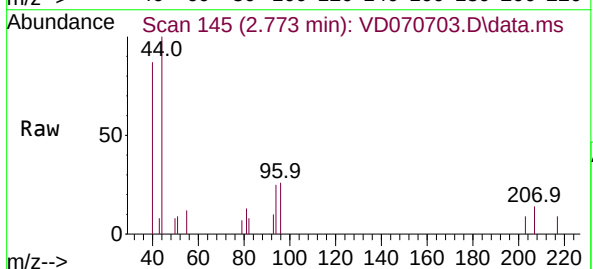
Instrument :
MSVOA_D
ClientSampled :

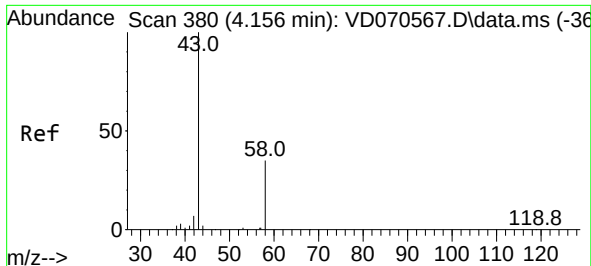
Tgt Ion:168 Resp: 222781
Ion Ratio Lower Upper
168 100
99 59.8 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion: 94 Resp: 1061
Ion Ratio Lower Upper
94 100
96 101.5 75.5 113.3

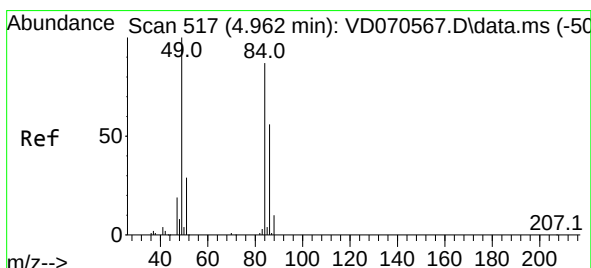
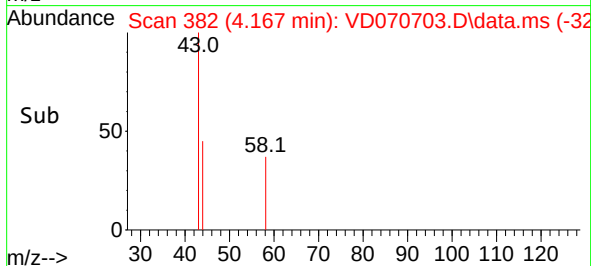
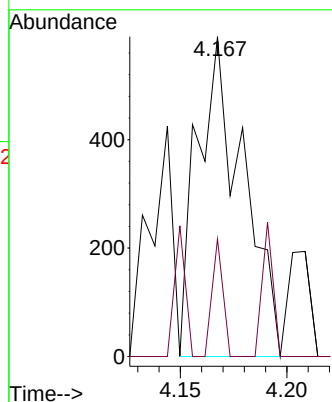
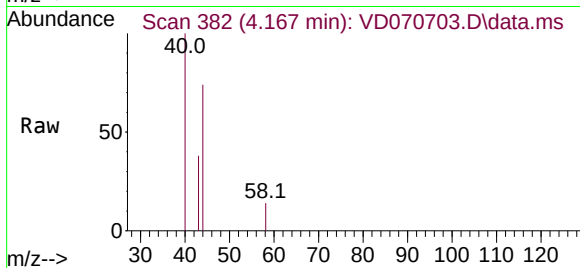




#16
Acetone
Concen: 1.979 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

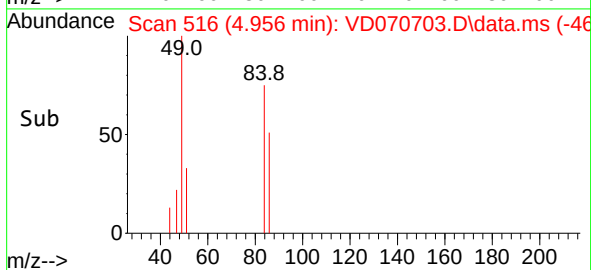
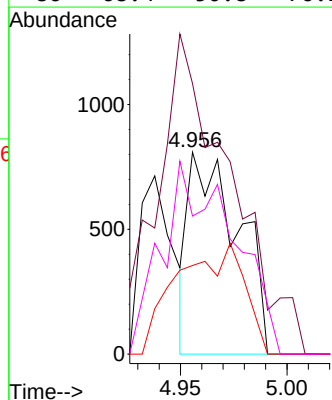
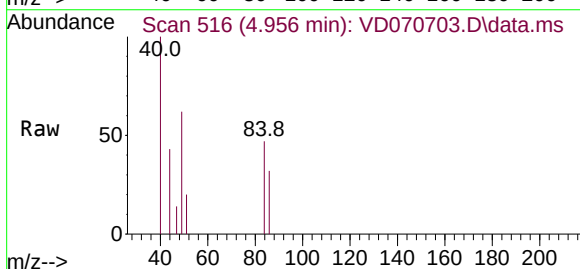
Instrument :
MSVOA_D
ClientSampled :

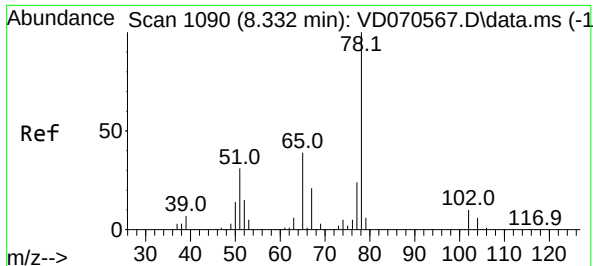
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 36.8 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion: 84 Resp: 1308
Ion Ratio Lower Upper
84 100
49 106.2 91.4 137.2
51 43.9 26.7 40.1#
86 68.4 50.8 76.2

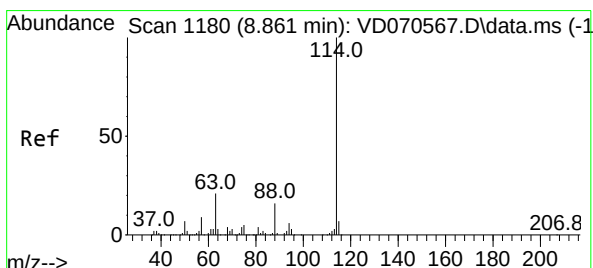
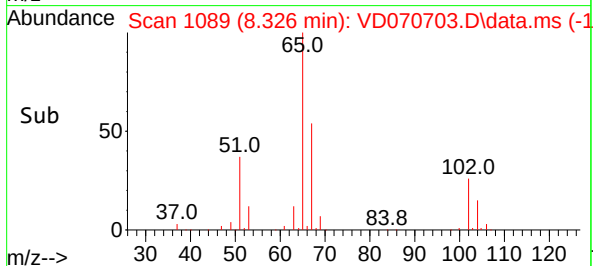
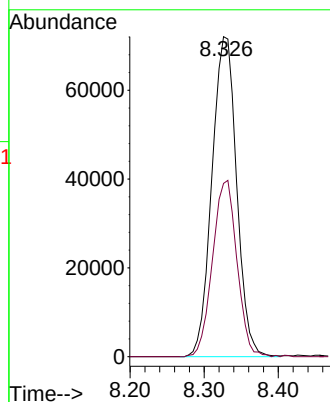
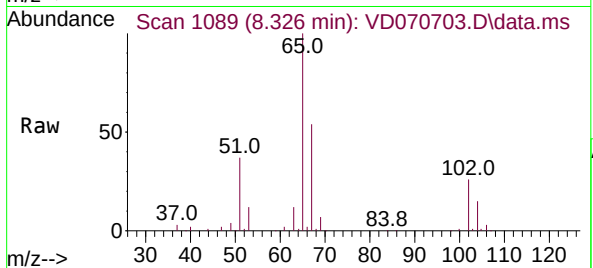




#33
1,2-Dichloroethane-d4
Concen: 63.661 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

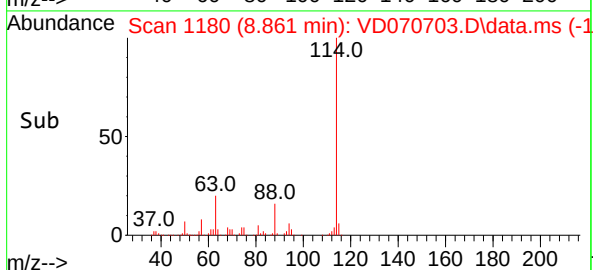
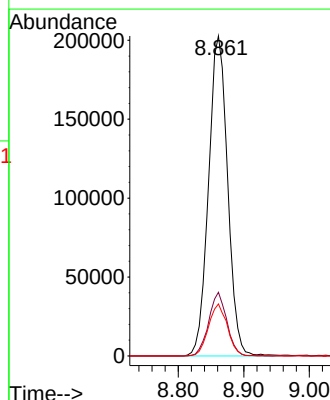
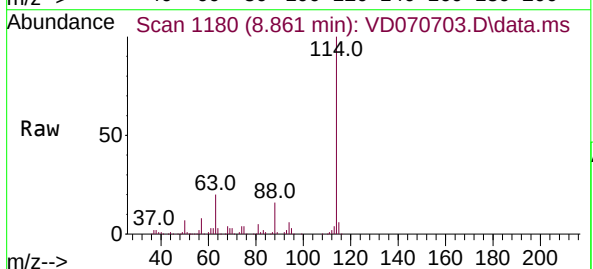
Instrument :
MSVOA_D
ClientSampleId :

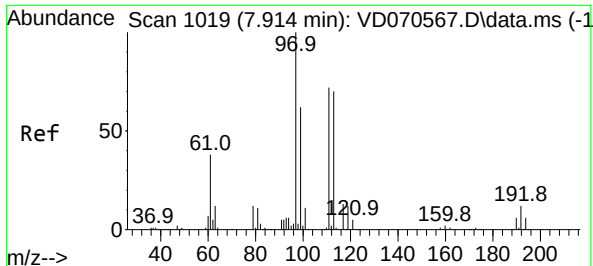
Tgt Ion: 65 Resp: 166907
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion: 114 Resp: 410303
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.8
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.029 ug/l

RT: 7.914 min Scan# 1019

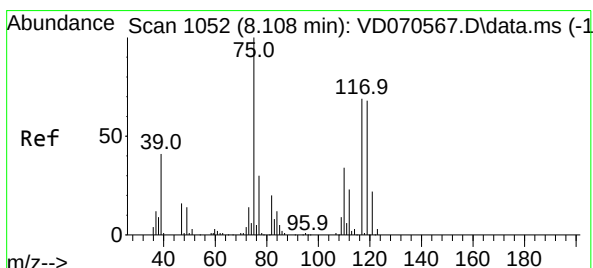
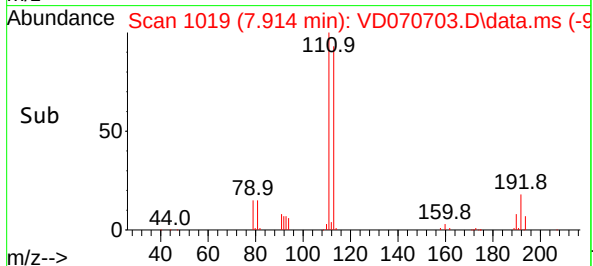
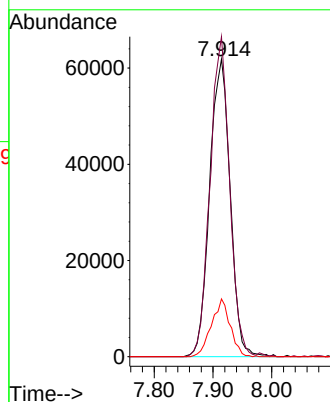
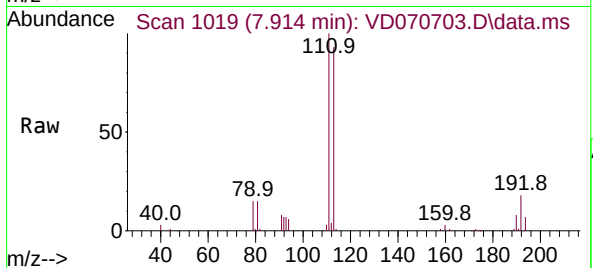
Delta R.T. -0.000 min

Lab File: VD070703.D

Acq: 13 Oct 2021 17:45

Tgt Ion:	113	Resp:	150115
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.1	124.7
192	17.8	12.7	19.1

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.167 ug/l

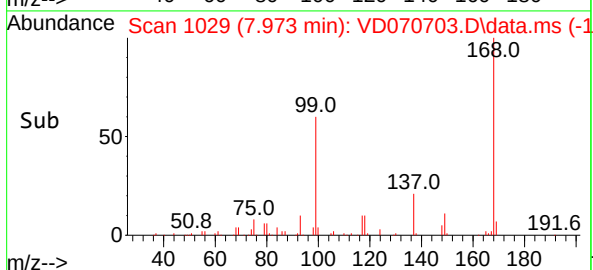
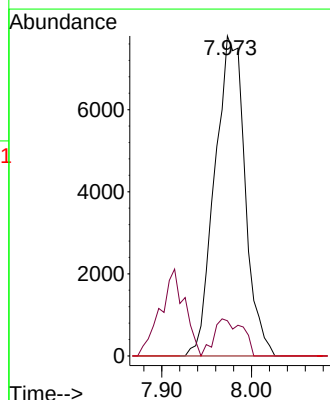
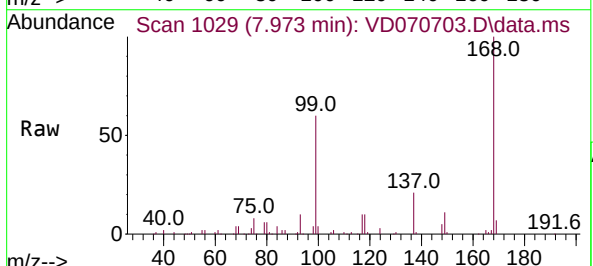
RT: 7.973 min Scan# 1029

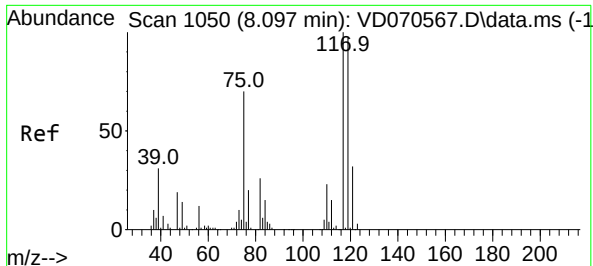
Delta R.T. -0.135 min

Lab File: VD070703.D

Acq: 13 Oct 2021 17:45

Tgt Ion:	75	Resp:	18160
Ion	Ratio	Lower	Upper
75	100		
110	10.9	17.2	51.6#
77	0.0	24.2	36.4#

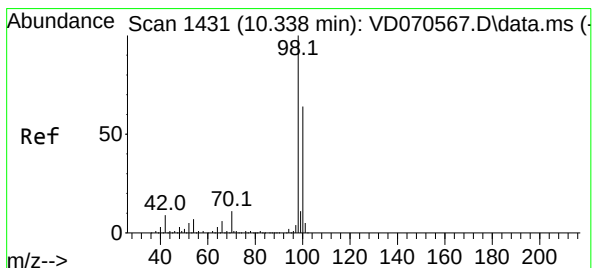
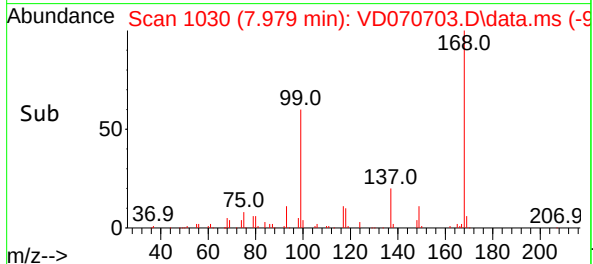
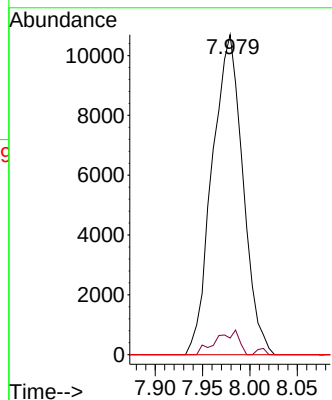
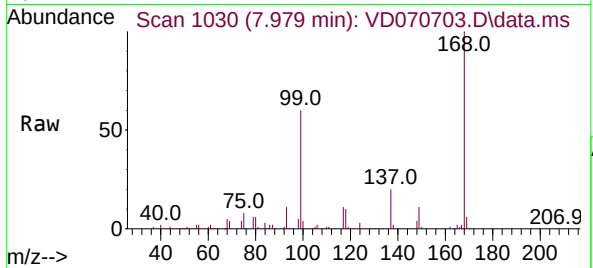




#38
Carbon Tetrachloride
Concen: 5.290 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

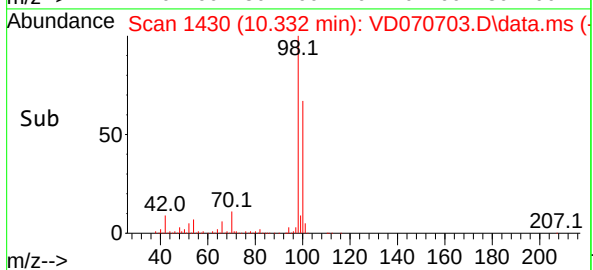
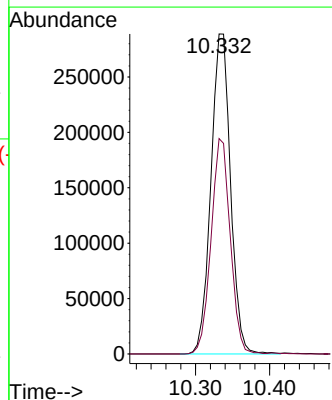
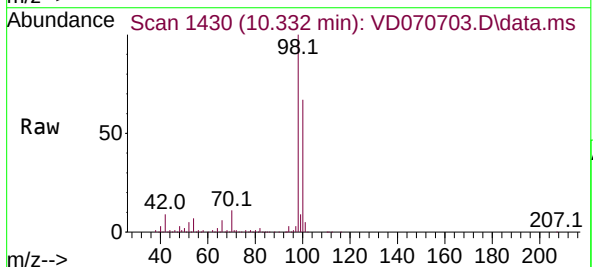
Instrument :
MSVOA_D
ClientSampled :

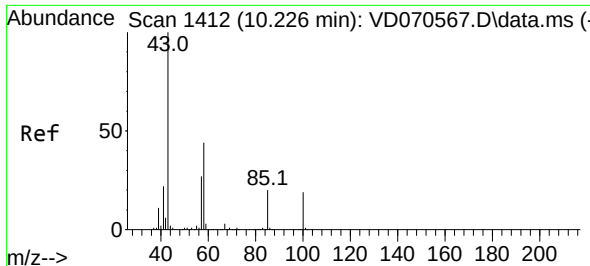
Tgt Ion:117 Resp: 24123
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.932 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion: 98 Resp: 531148
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

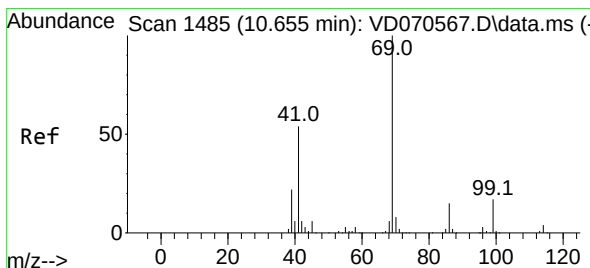
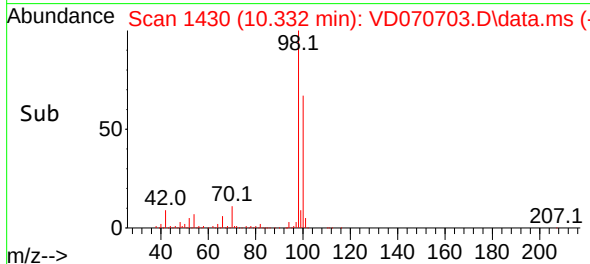
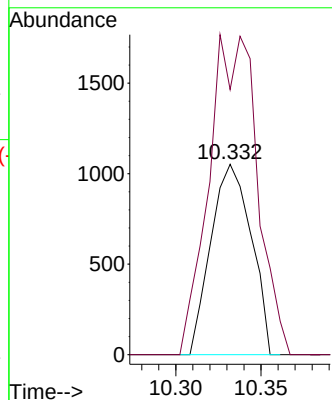
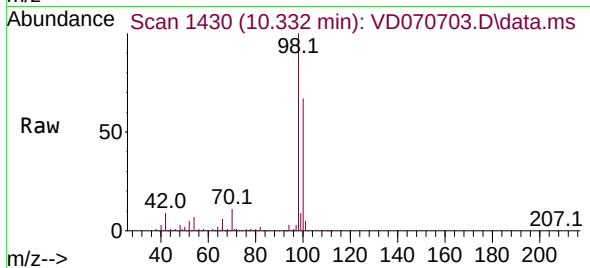




#51
4-Methyl-2-Pentanone
Concen: 1.268 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

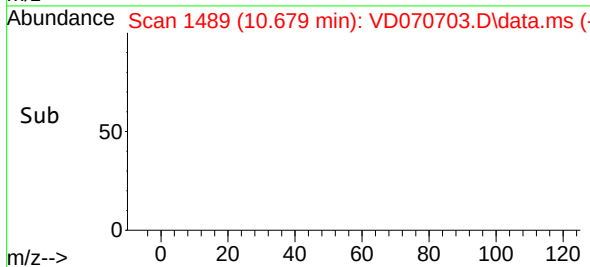
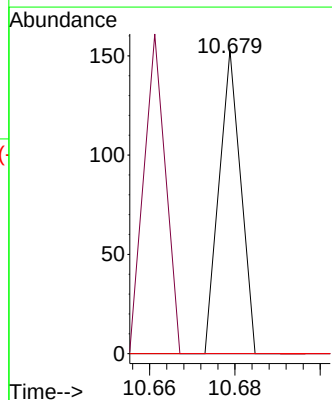
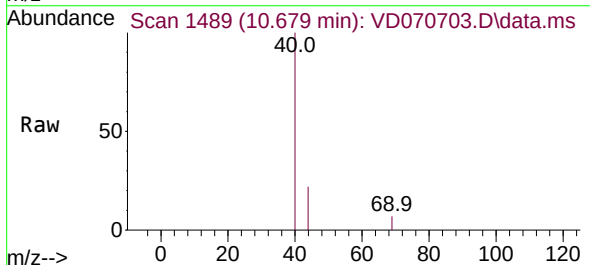
Instrument :
MSVOA_D
ClientSampled :

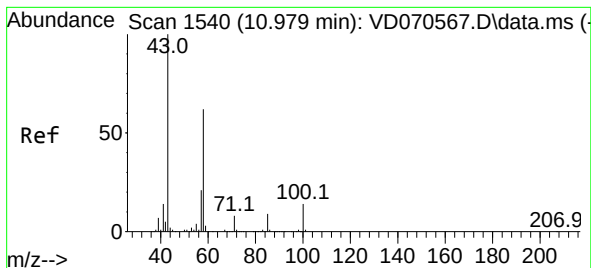
Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 200.6 35.0 52.6#



#56
Ethyl methacrylate
Concen: 1.393 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.024 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion: 69 Resp: 54
Ion Ratio Lower Upper
69 100
41 105.6 44.7 67.1#
39 0.0 19.5 29.3#

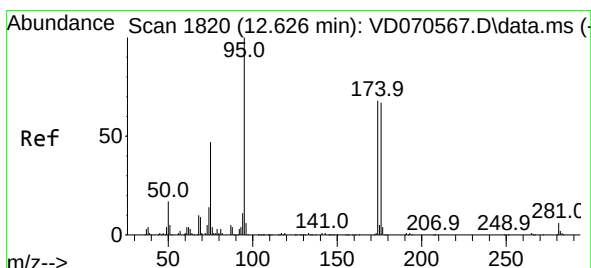
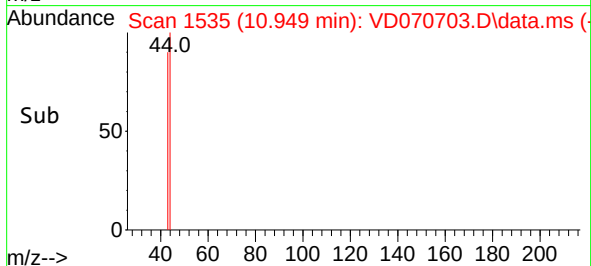
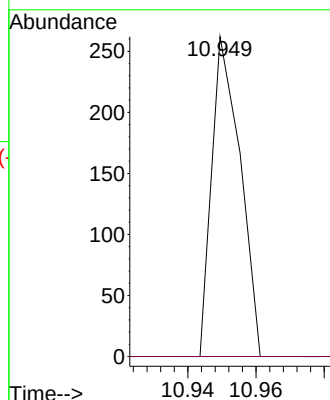
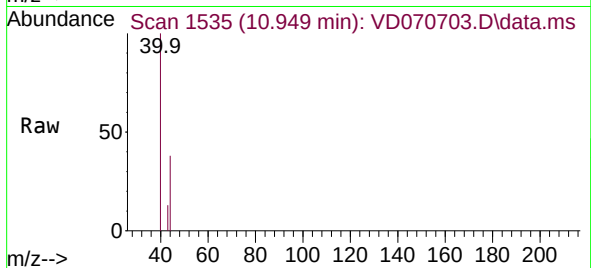




#59
2-Hexanone
Concen: Below Cal
RT: 10.949 min Scan# 1535
Delta R.T. -0.030 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

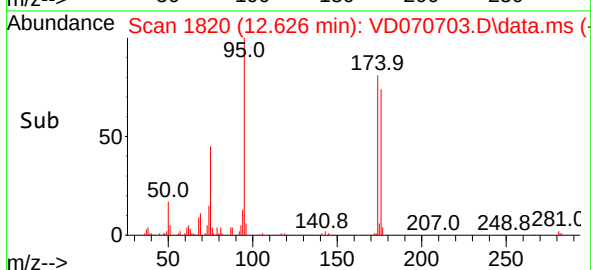
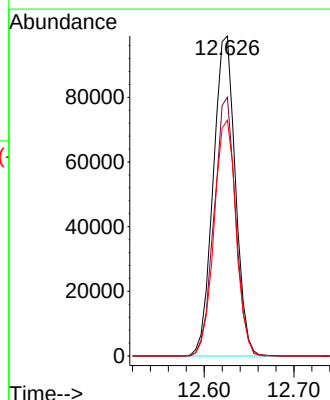
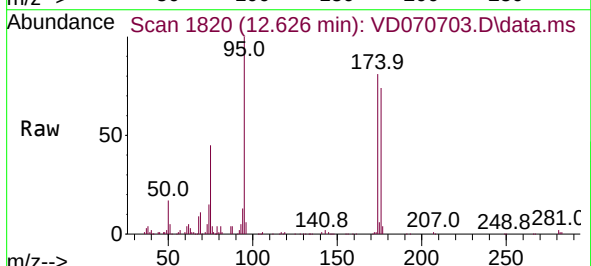
Instrument :
MSVOA_D
ClientSampleId :

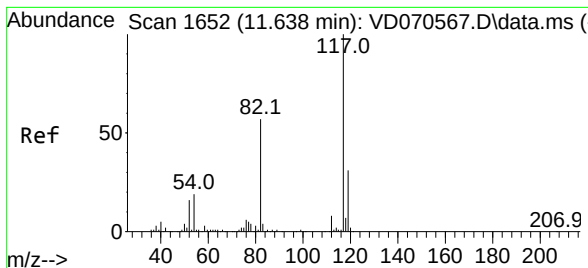
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 48.682 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion: 95 Resp: 169680
Ion Ratio Lower Upper
95 100
174 78.3 0.0 138.0
176 73.3 0.0 135.6

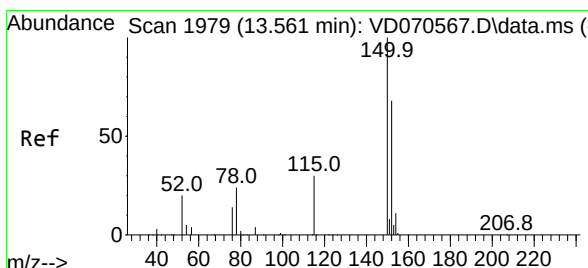
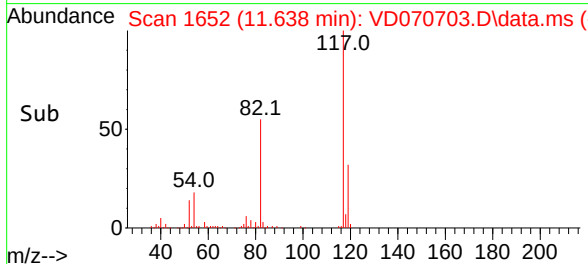
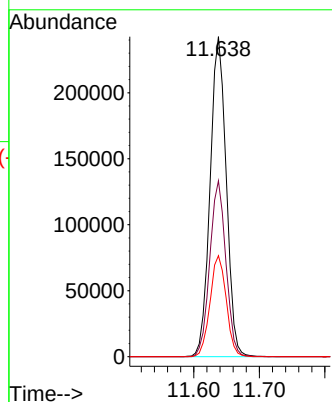
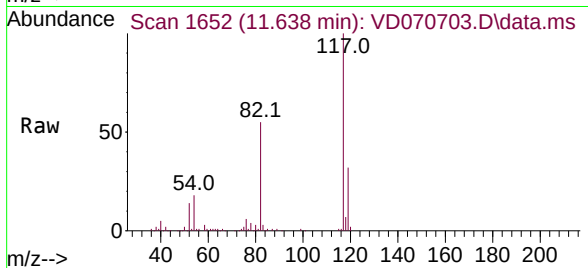




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

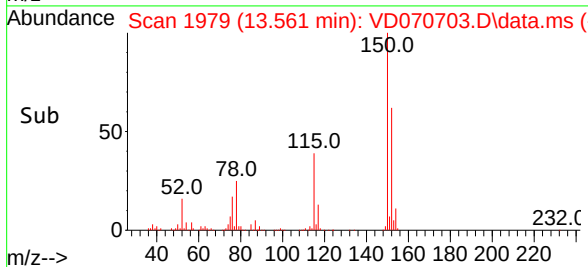
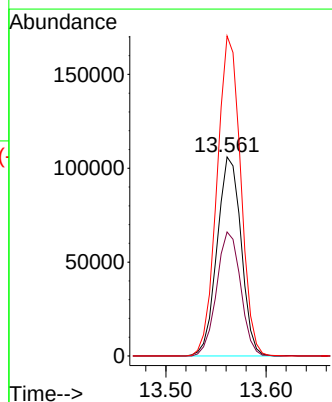
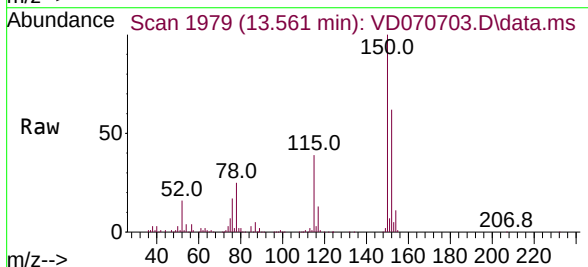
Instrument :
MSVOA_D
ClientSampleId :

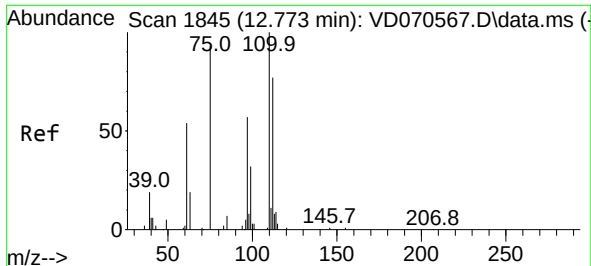
Tgt Ion:117 Resp: 414366
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.6 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion:152 Resp: 176524
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.7
150 158.3 0.0 350.0

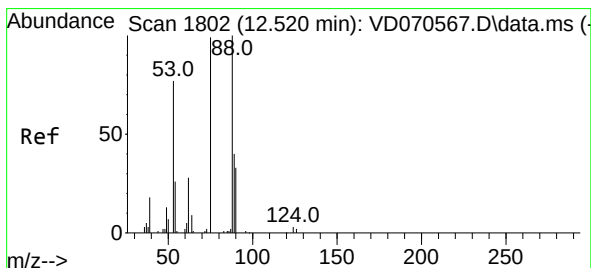
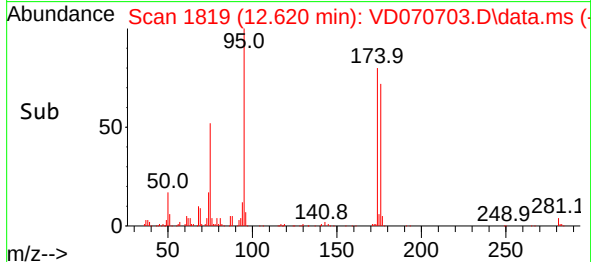
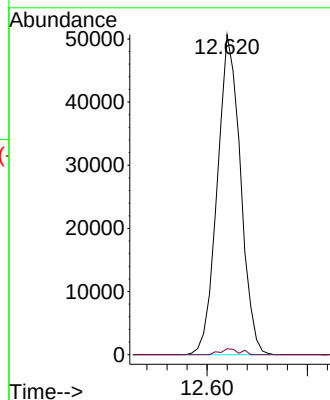
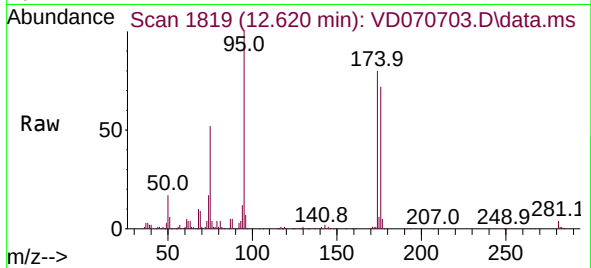




#76
1,2,3-Trichloropropane
Concen: 50.836 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

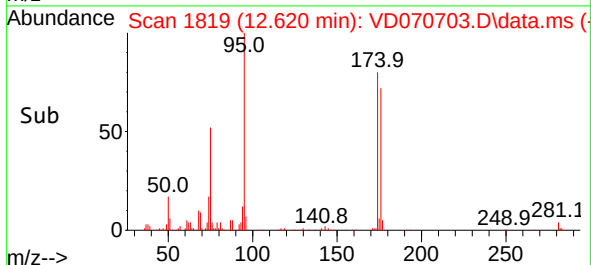
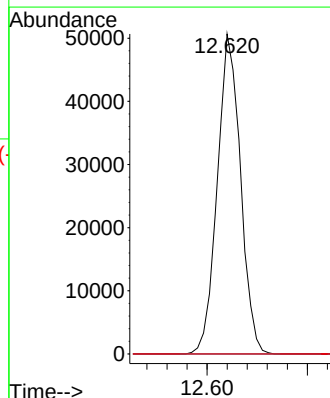
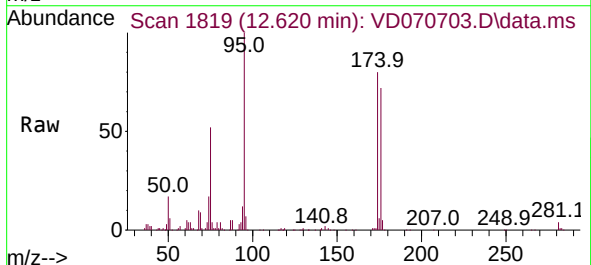
Instrument :
MSVOA_D
ClientSampleId :

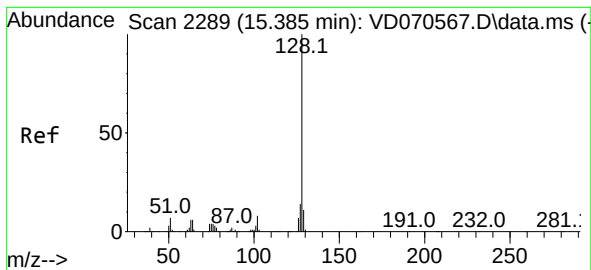
Tgt Ion: 75 Resp: 81222
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.864 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion: 75 Resp: 81222
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 2.522 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 192
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

