

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070797.D
 Acq On : 21 Oct 2021 13:24
 Operator : VA/SY
 Sample : M4285-01RE
 Misc : 5.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 22 06:14:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

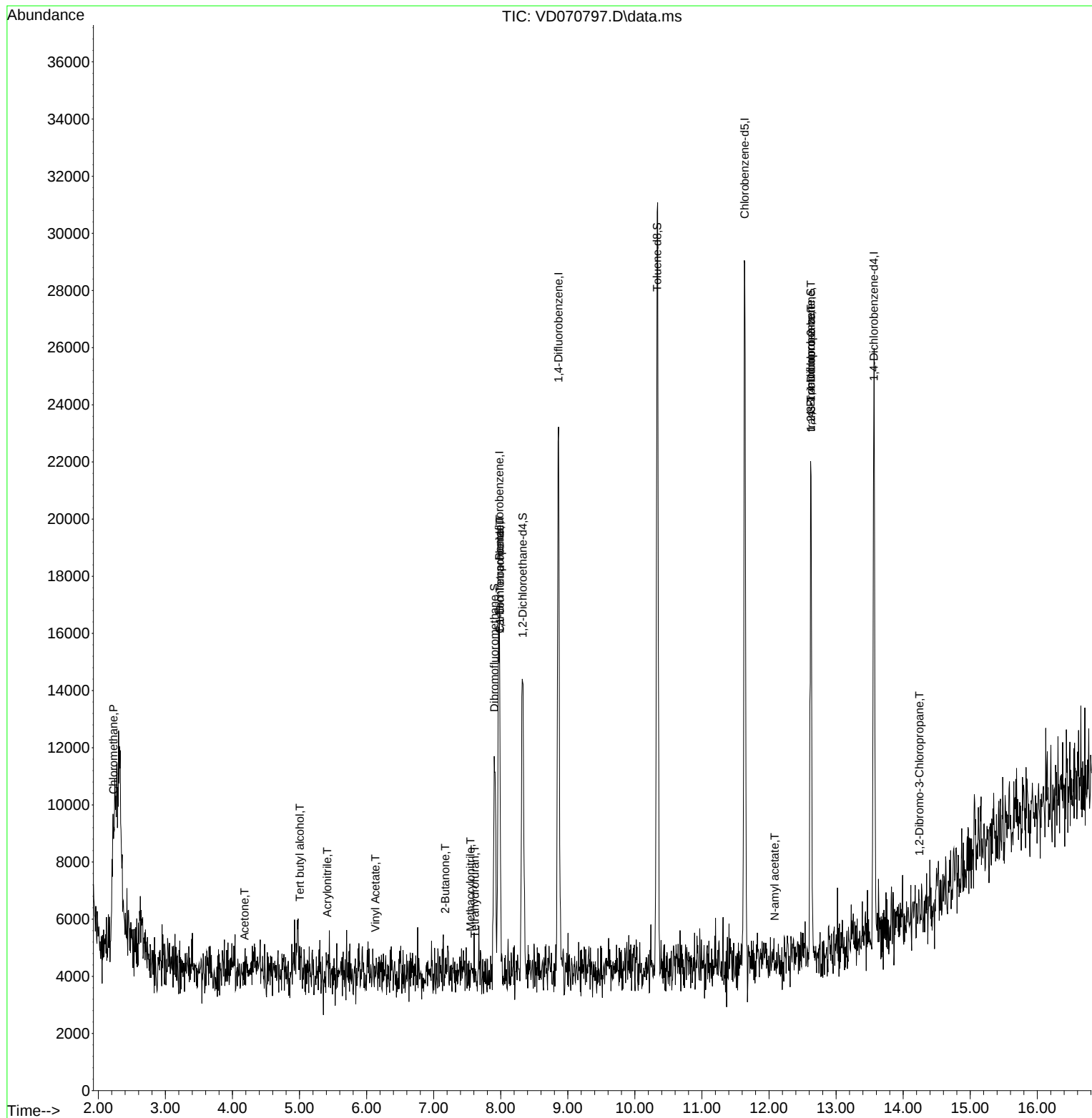
Internal Standards						
1) Pentafluorobenzene	7.979	168	9066	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	15529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	13924	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8772	81.691	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 163.380%#			
35) Dibromofluoromethane	7.903	113	4785	48.123	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.240%			
50) Toluene-d8	10.332	98	19313	50.669	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.620	95	5504	41.937	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.880%			
Target Compounds			Qvalue			
3) Chloromethane	2.226	50	405	2.575	ug/l #	42
11) Tert butyl alcohol	5.003	59	56	9.316	ug/l #	83
15) Acrylonitrile	5.415	53	185	7.237	ug/l #	43
16) Acetone	4.179	43	62	2.394	ug/l #	40
20) Methylene Chloride	4.956	84	434	Below Cal	#	57
23) Vinyl Acetate	6.132	43	63	16.635	ug/l #	69
25) 2-Butanone	7.173	43	67	2.094	ug/l #	43
29) Tetrahydrofuran	7.614	42	57	2.910	ug/l #	29
36) 1,1-Dichloropropene	7.985	75	956	5.526	ug/l #	48
38) Carbon Tetrachloride	7.985	117	1109	6.693	ug/l #	12
41) Methacrylonitrile	7.550	41	132	4.750	ug/l #	16
74) N-amyl acetate	12.085	43	123	1.175	ug/l #	37
76) 1,2,3-Trichloropropane	12.626	75	3112	63.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	3112	139.861	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.243	75	55	4.337	ug/l #	6

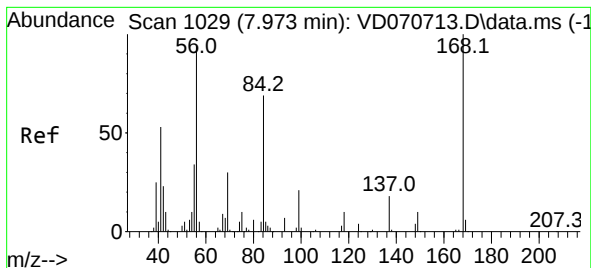
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
Data File : VD070797.D
Acq On : 21 Oct 2021 13:24
Operator : VA/SY
Sample : M4285-01RE
Misc : 5.89G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 22 06:14:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

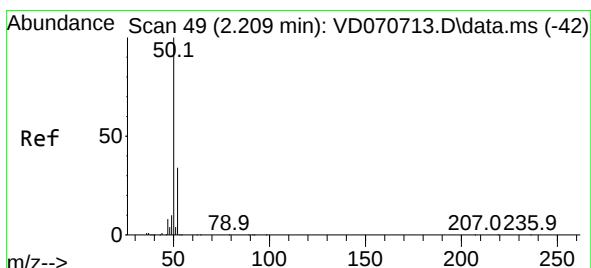
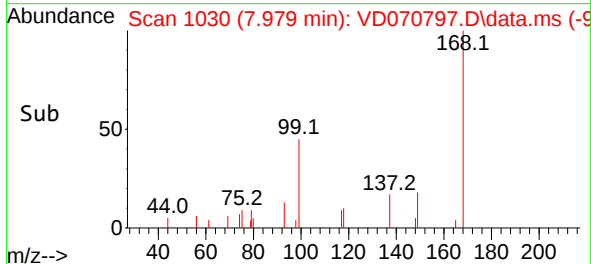
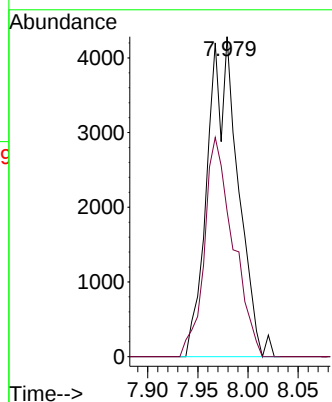
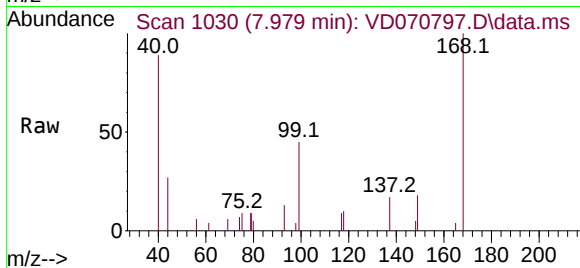




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

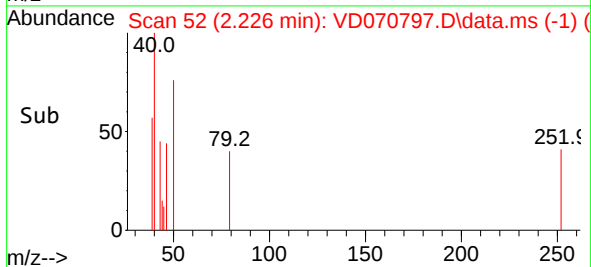
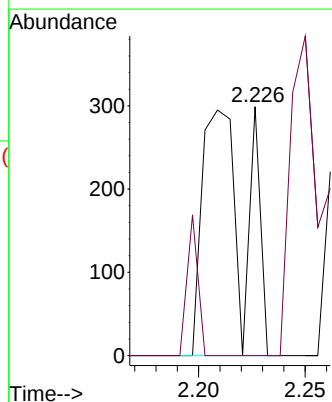
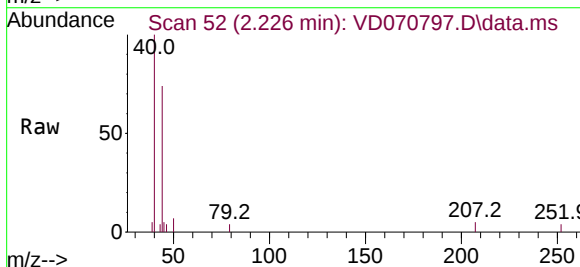
Instrument :
MSVOA_D
ClientSampleId :

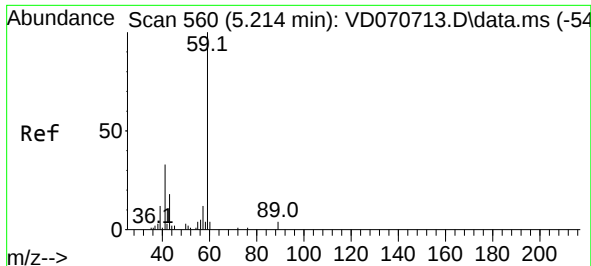
Tgt Ion:168 Resp: 9066
Ion Ratio Lower Upper
168 100
99 45.5 51.4 77.0#



#3
Chloromethane
Concen: 2.575 ug/l
RT: 2.226 min Scan# 52
Delta R.T. 0.018 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

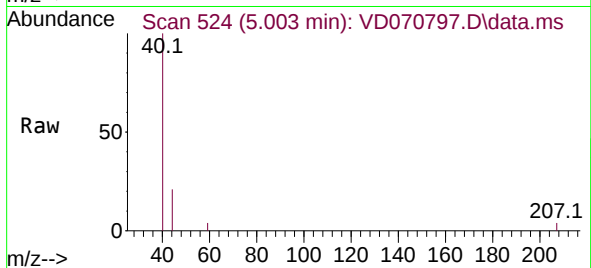
Tgt Ion: 50 Resp: 405
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#



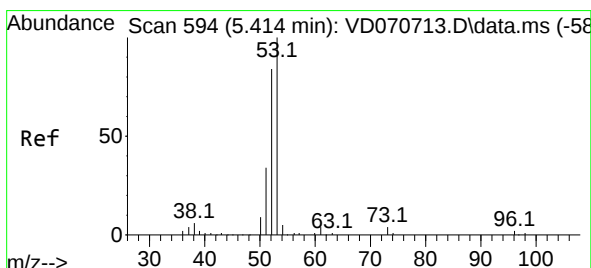
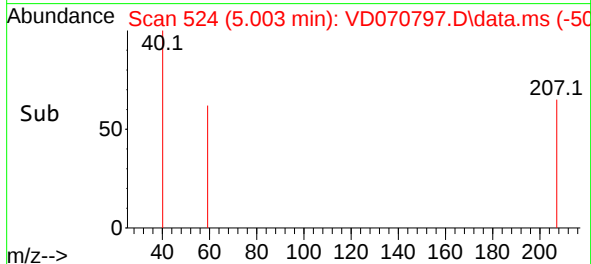
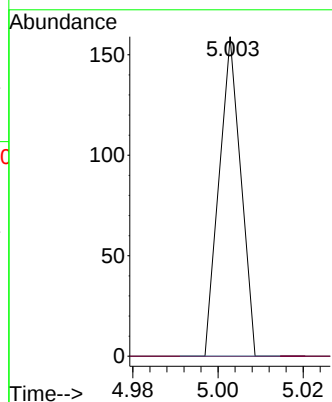


#11
Tert butyl alcohol
Concen: 9.316 ug/l
RT: 5.003 min Scan# 524
Delta R.T. -0.212 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

Instrument :
MSVOA_D
ClientSampled :

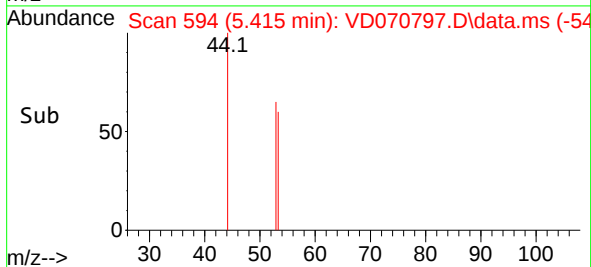
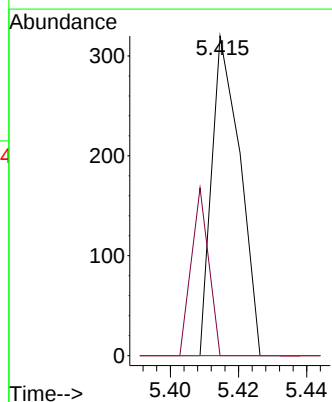
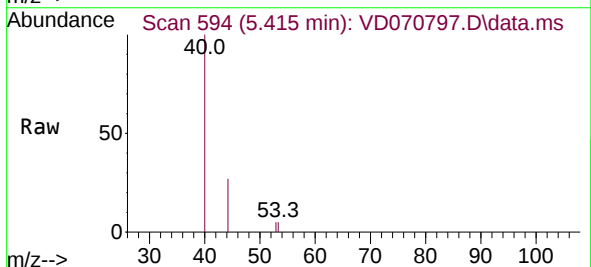


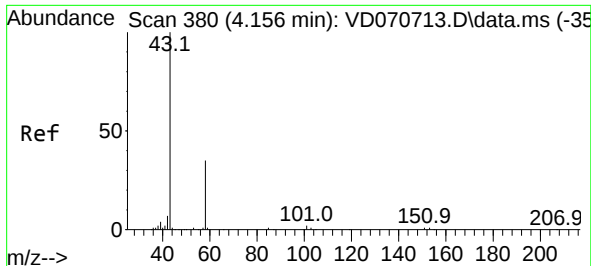
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#15
Acrylonitrile
Concen: 7.237 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

Tgt Ion: 53 Resp: 185
Ion Ratio Lower Upper
53 100
52 31.9 64.6 97.0#
51 0.0 28.7 43.1#

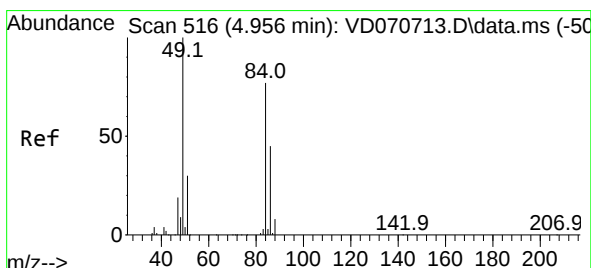
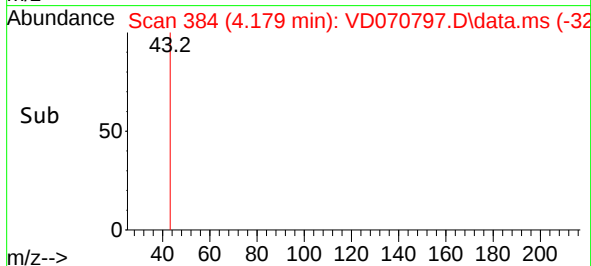
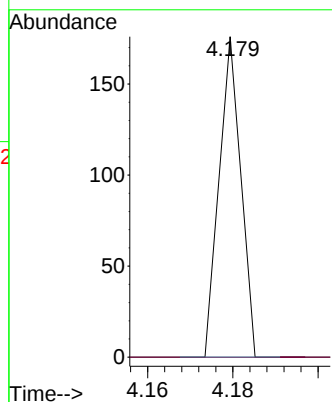
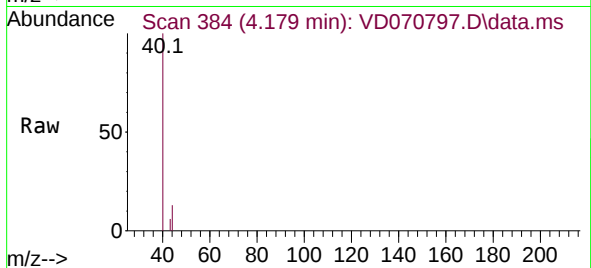




#16
Acetone
Concen: 2.394 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.024 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

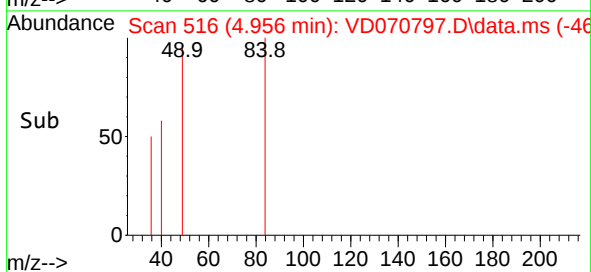
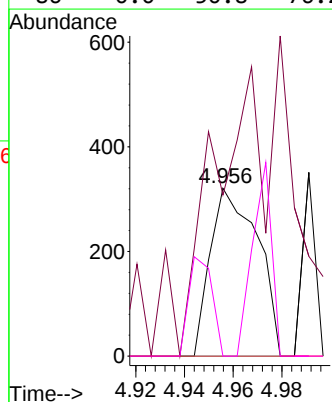
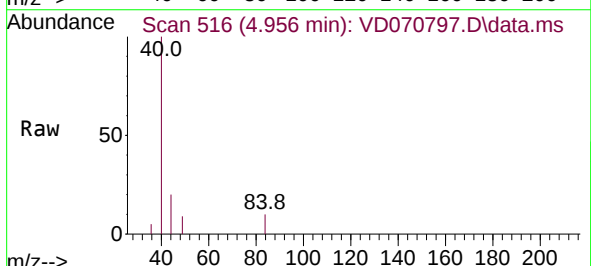
Instrument :
MSVOA_D
ClientSampled :

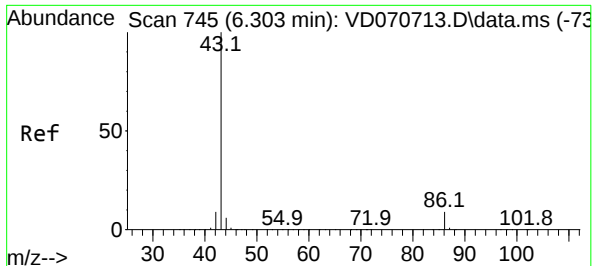
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

Tgt Ion: 84 Resp: 434
Ion Ratio Lower Upper
84 100
49 96.0 91.4 137.2
51 0.0 26.7 40.1#
86 0.0 50.8 76.2#

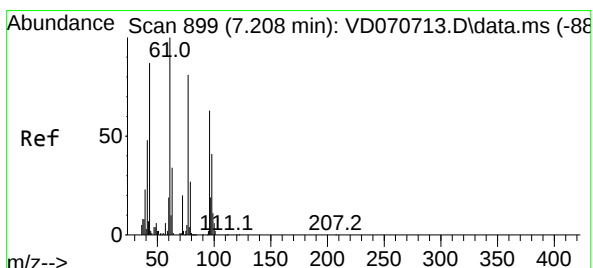
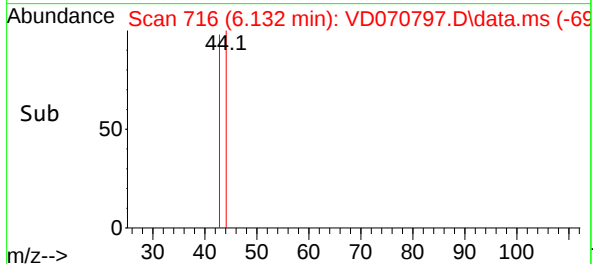
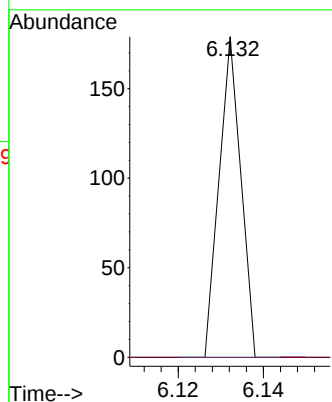
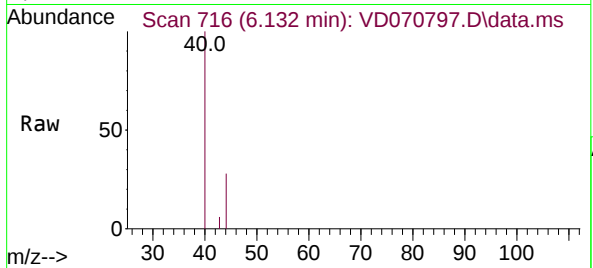




#23
 Vinyl Acetate
 Concen: 16.635 ug/l
 RT: 6.132 min Scan# 716
 Delta R.T. -0.171 min
 Lab File: VD070797.D
 Acq: 21 Oct 2021 13:24

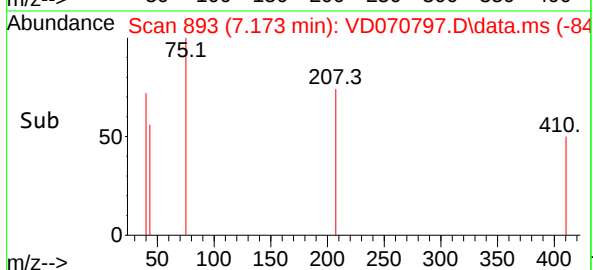
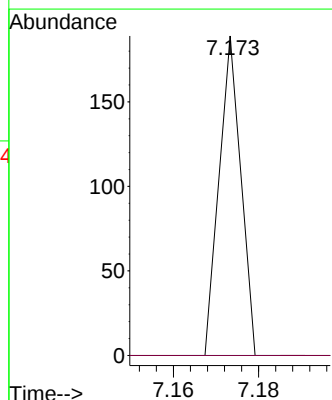
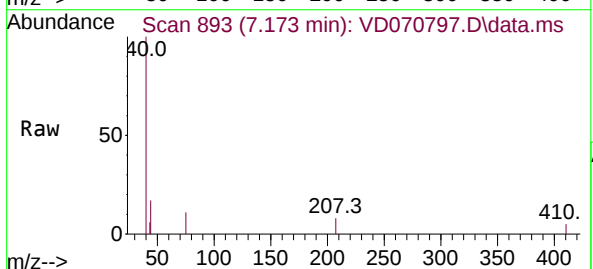
Instrument :
 MSVOA_D
 ClientSampled :

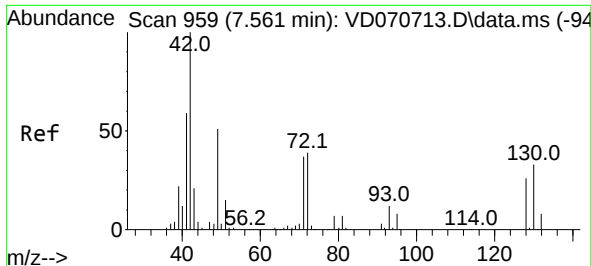
Tgt Ion: 43 Resp: 63
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#25
 2-Butanone
 Concen: 2.094 ug/l
 RT: 7.173 min Scan# 893
 Delta R.T. -0.035 min
 Lab File: VD070797.D
 Acq: 21 Oct 2021 13:24

Tgt Ion: 43 Resp: 67
 Ion Ratio Lower Upper
 43 100
 72 0.0 25.2 37.8#





#29

Tetrahydrofuran

Concen: 2.910 ug/l

RT: 7.614 min Scan# 968

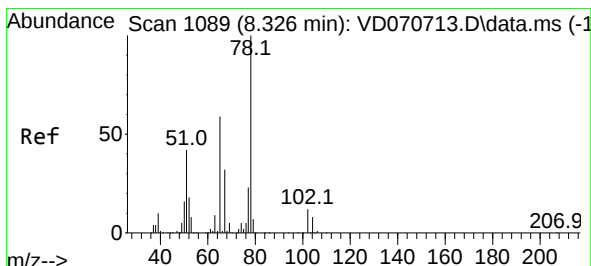
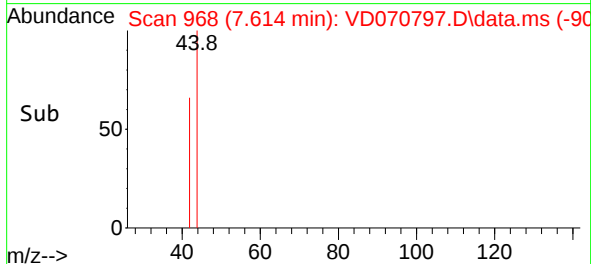
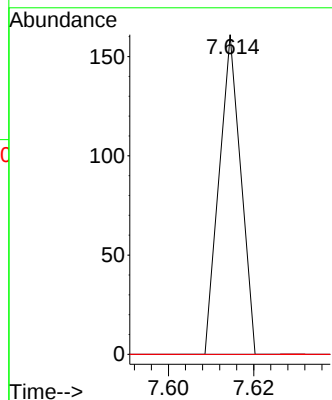
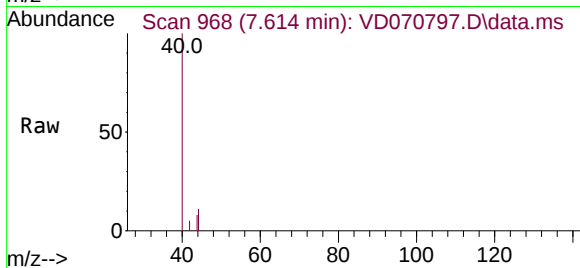
Delta R.T. 0.053 min

Lab File: VD070797.D

Acq: 21 Oct 2021 13:24

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	42	Resp:	57
Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.2	60.4#
71	0.0	37.2	55.8#



#33

1,2-Dichloroethane-d4

Concen: 81.691 ug/l

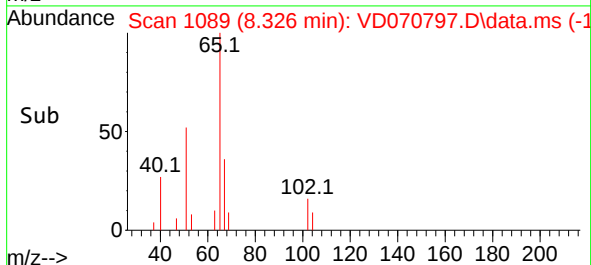
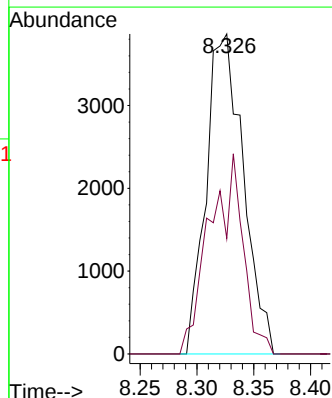
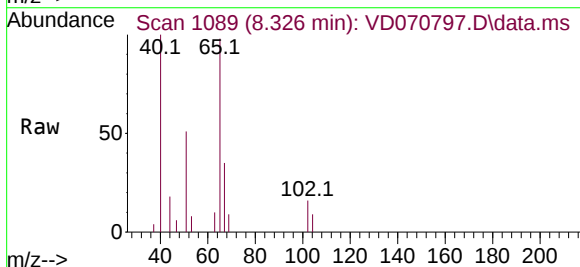
RT: 8.326 min Scan# 1089

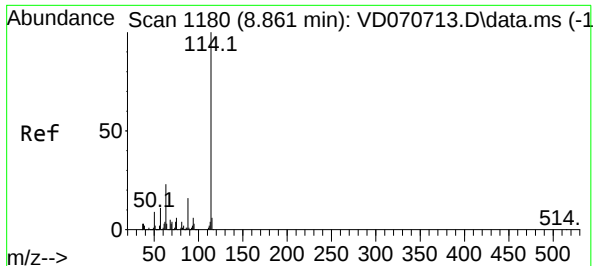
Delta R.T. 0.000 min

Lab File: VD070797.D

Acq: 21 Oct 2021 13:24

Tgt Ion:	65	Resp:	8772
Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

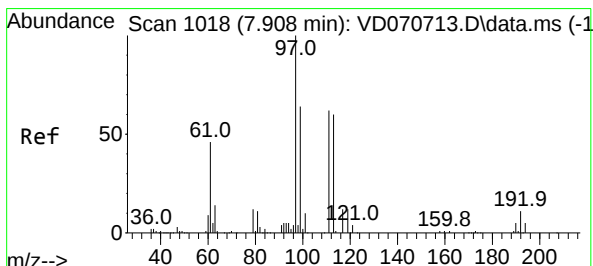
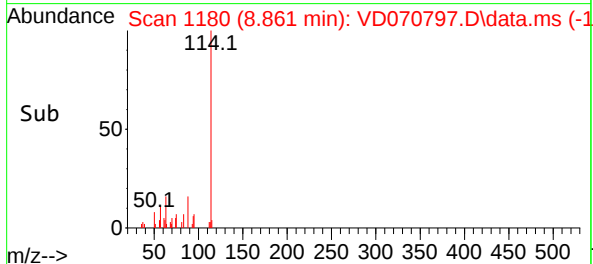
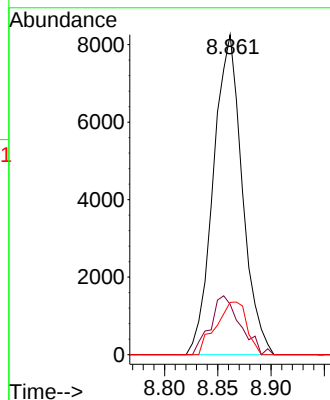
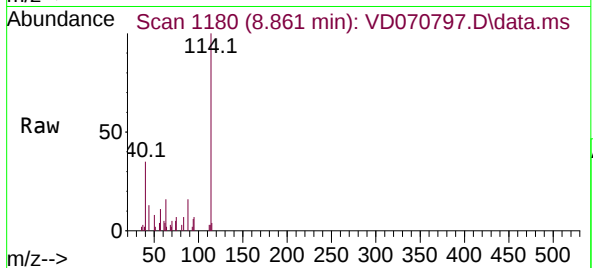
RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070797.D

Acq: 21 Oct 2021 13:24

Tgt Ion:	114	Resp:	15529
Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	41.8
88	16.4	0.0	32.6



#35

Dibromofluoromethane

Concen: 48.123 ug/l

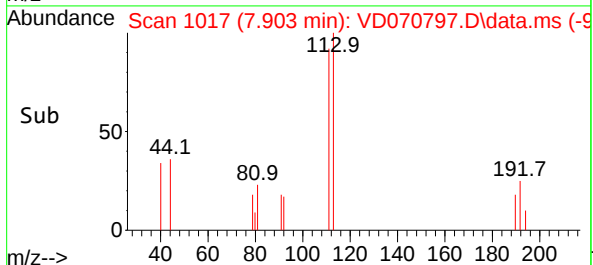
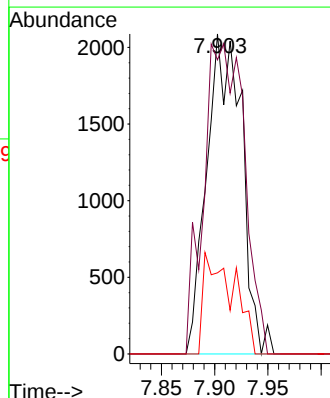
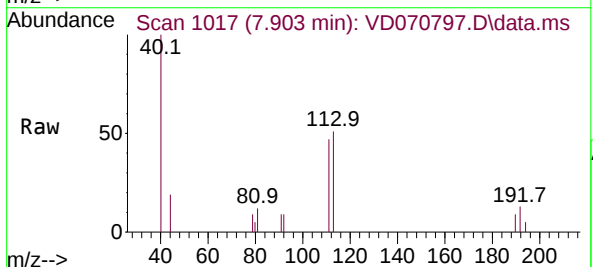
RT: 7.903 min Scan# 1017

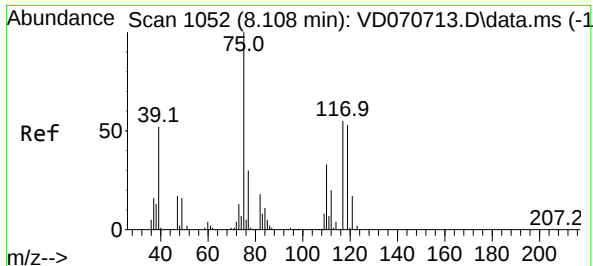
Delta R.T. -0.006 min

Lab File: VD070797.D

Acq: 21 Oct 2021 13:24

Tgt Ion:	113	Resp:	4785
Ion	Ratio	Lower	Upper
113	100		
111	112.8	83.1	124.7
192	27.0	12.7	19.1#

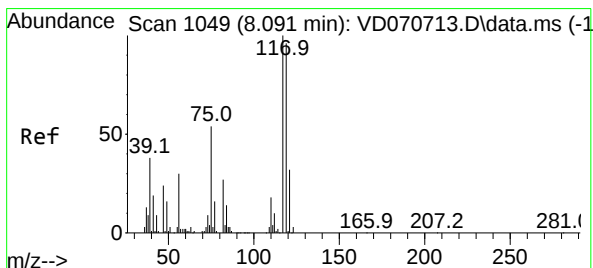
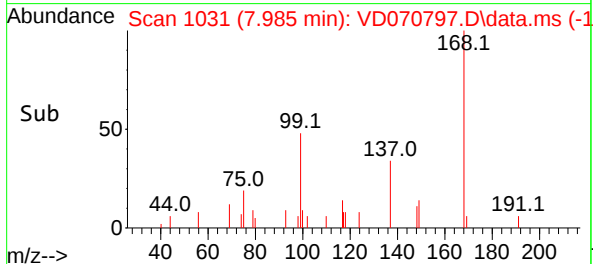
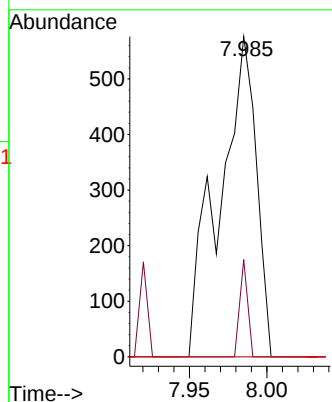
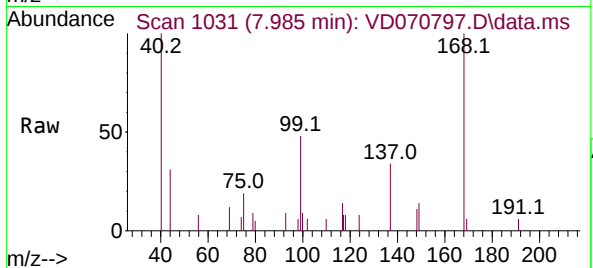




#36
1,1-Dichloropropene
Concen: 5.526 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

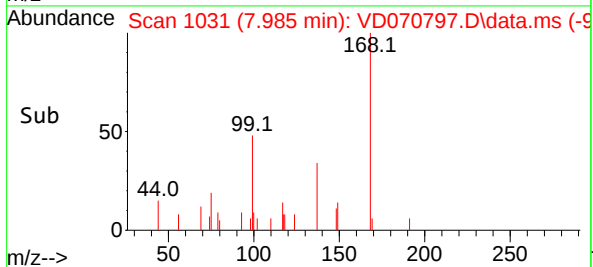
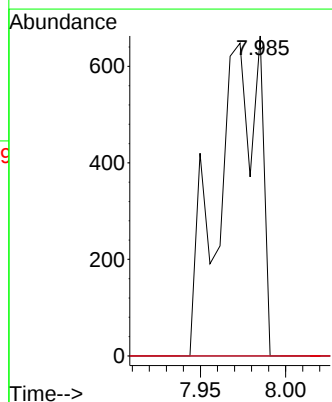
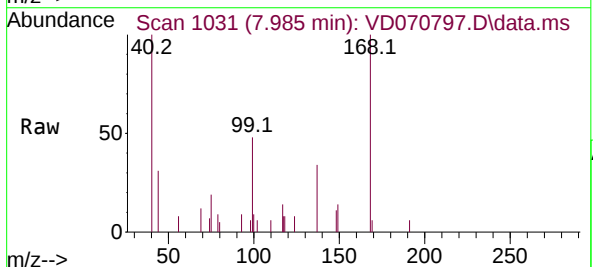
Instrument :
MSVOA_D
ClientSampled :

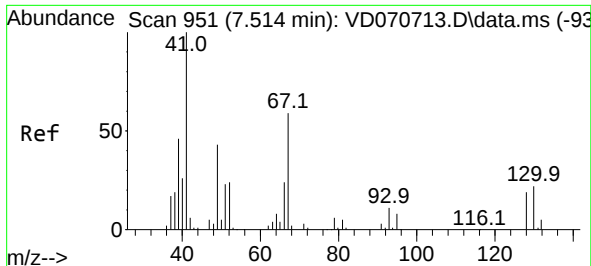
Tgt Ion: 75 Resp: 956
Ion Ratio Lower Upper
75 100
110 6.5 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.693 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.106 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

Tgt Ion: 117 Resp: 1109
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#

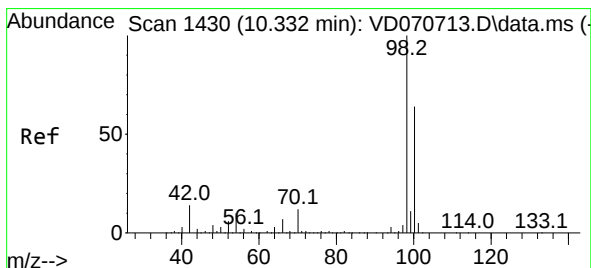
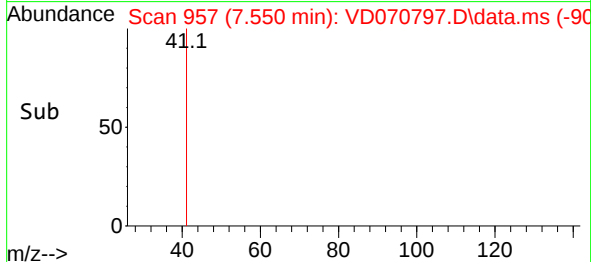
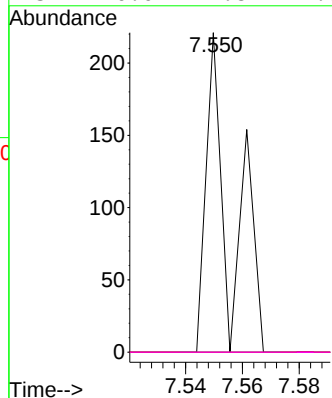
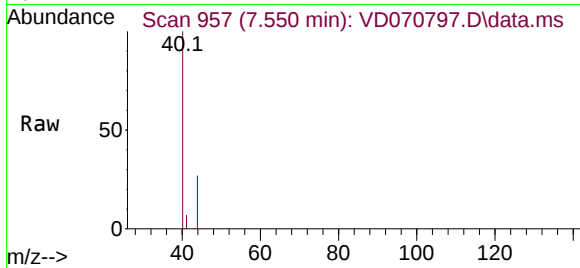




#41
Methacrylonitrile
Concen: 4.750 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.036 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

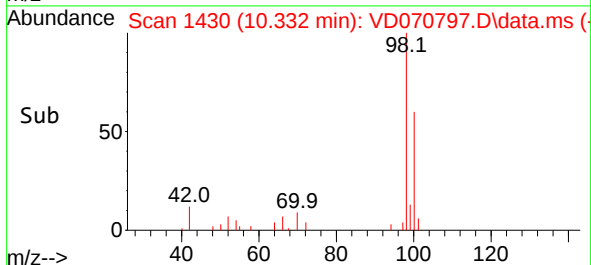
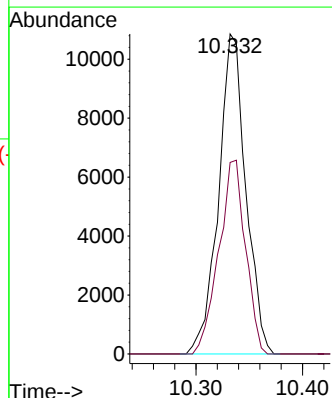
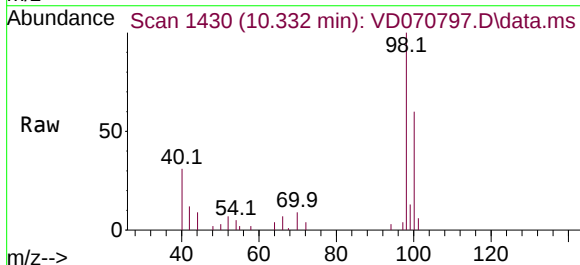
Instrument :
MSVOA_D
ClientSampleId :

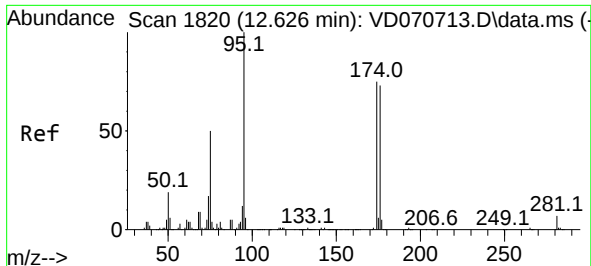
Tgt Ion: 41	Resp: 132
Ion Ratio	Lower Upper
41 100	
39 0.0	45.2 67.8#
67 0.0	75.8 113.6#
52 0.0	27.8 41.8#



#50
Toluene-d8
Concen: 50.669 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

Tgt Ion: 98	Resp: 19313
Ion Ratio	Lower Upper
98 100	
100 59.3	52.2 78.4

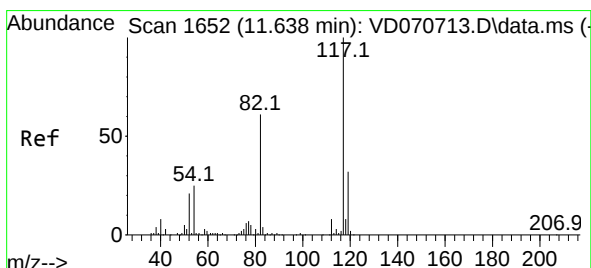
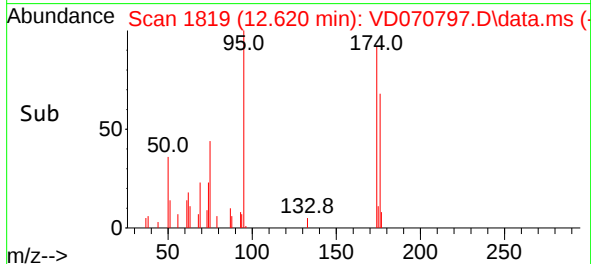
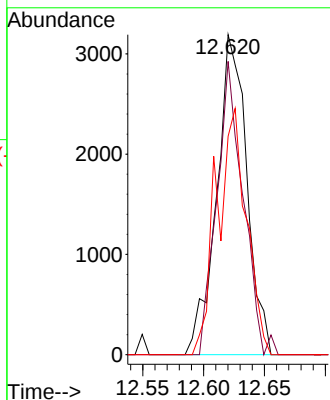
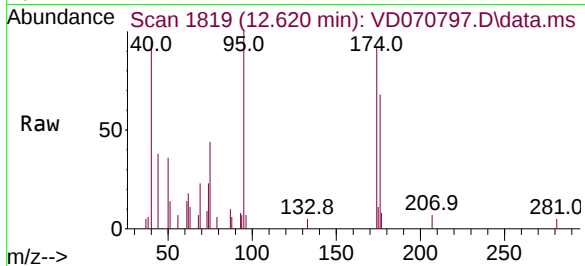




#62
4-Bromofluorobenzene
Concen: 41.937 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

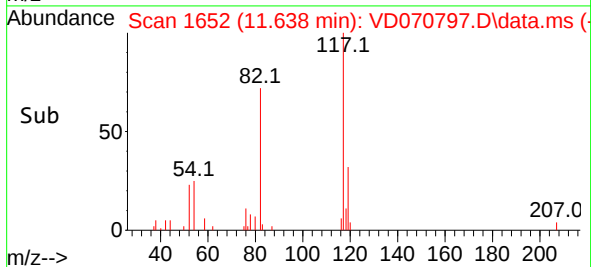
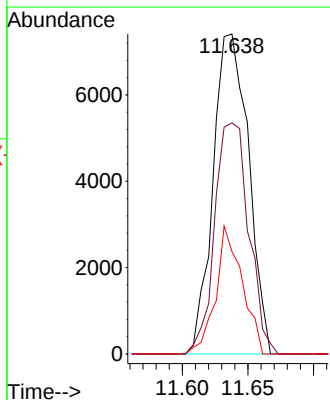
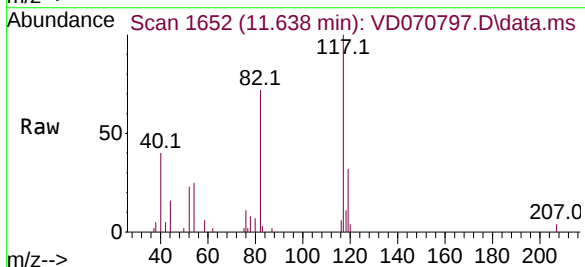
Instrument :
MSVOA_D
ClientSampleId :

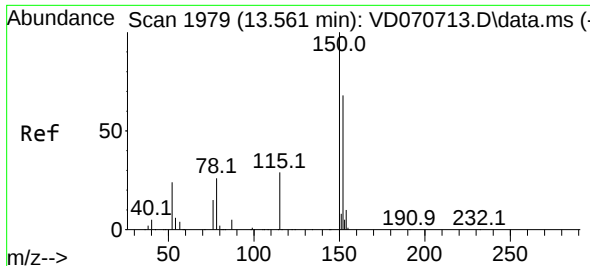
Tgt Ion:	95	Resp:	5504
Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	138.0
176	76.4	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

Tgt Ion:	117	Resp:	13924
Ion	Ratio	Lower	Upper
117	100		
82	72.2	45.4	68.2#
119	32.0	24.7	37.1

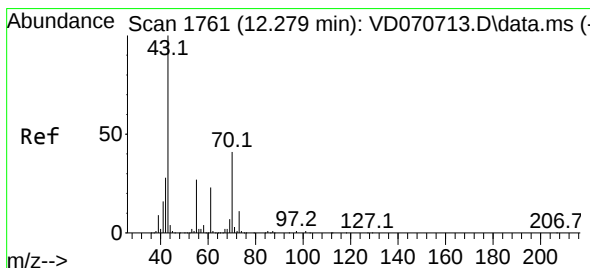
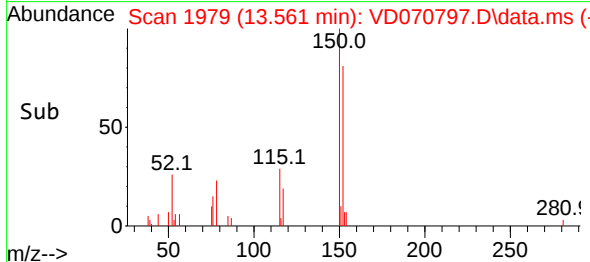
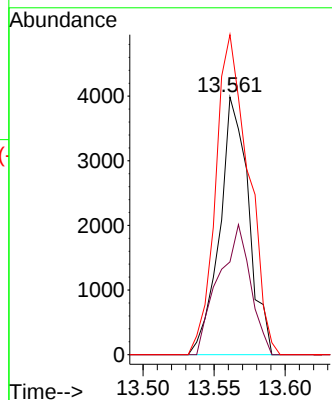
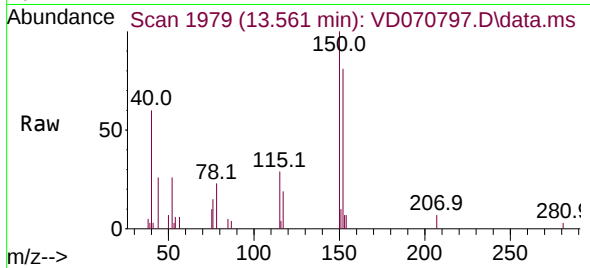




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070797.D
 Acq: 21 Oct 2021 13:24

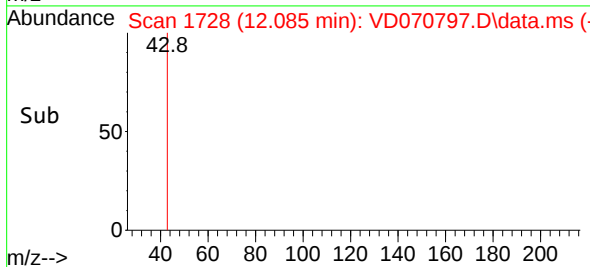
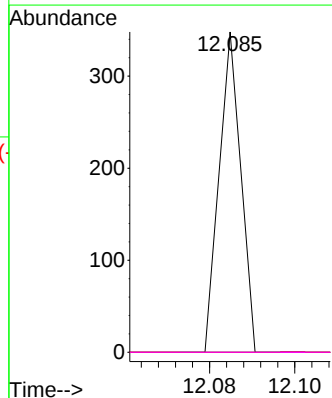
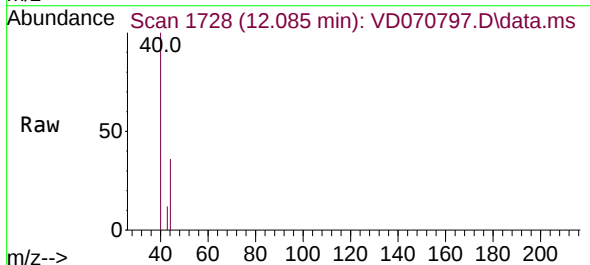
Instrument :
 MSVOA_D
 ClientSampled :

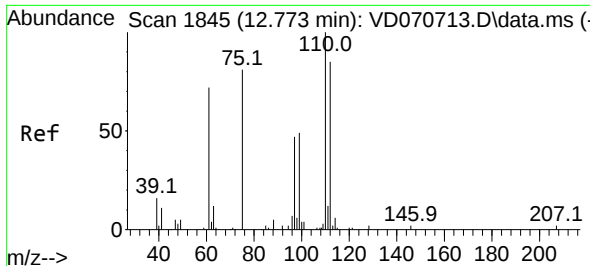
Tgt Ion:152 Resp: 5641
 Ion Ratio Lower Upper
 152 100
 115 55.5 31.9 95.7
 150 141.1 0.0 350.0



#74
 N-ethyl acetate
 Concen: 1.175 ug/l
 RT: 12.085 min Scan# 1728
 Delta R.T. -0.194 min
 Lab File: VD070797.D
 Acq: 21 Oct 2021 13:24

Tgt Ion: 43 Resp: 123
 Ion Ratio Lower Upper
 43 100
 70 0.0 40.0 60.0#
 55 0.0 23.8 35.6#
 61 0.0 22.1 33.1#

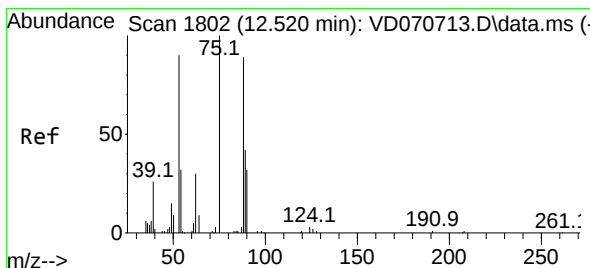
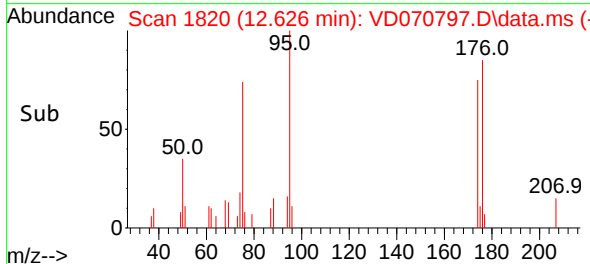
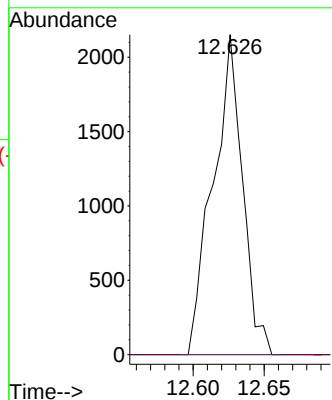
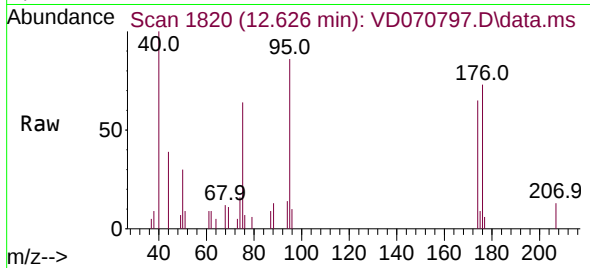




#76
1,2,3-Trichloropropane
Concen: 63.854 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

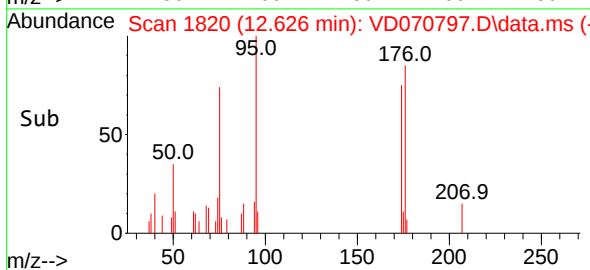
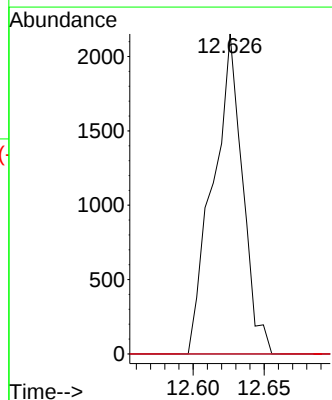
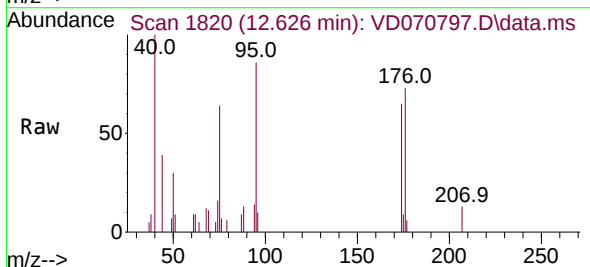
Instrument :
MSVOA_D
ClientSampleId :

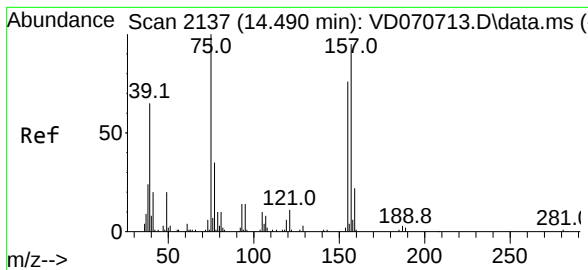
Tgt Ion: 75 Resp: 3112
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 139.861 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070797.D
Acq: 21 Oct 2021 13:24

Tgt Ion: 75 Resp: 3112
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.337 ug/l
 RT: 14.243 min Scan# 2095
 Delta R.T. -0.247 min
 Lab File: VD070797.D
 Acq: 21 Oct 2021 13:24

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 55
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.1 114.5#
 157 0.0 47.6 142.9#

