

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070733.D
 Acq On : 18 Oct 2021 16:44
 Operator : VA/SY
 Sample : M4259-07
 Misc : 3.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-BD

Quant Time: Oct 19 06:41:33 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)

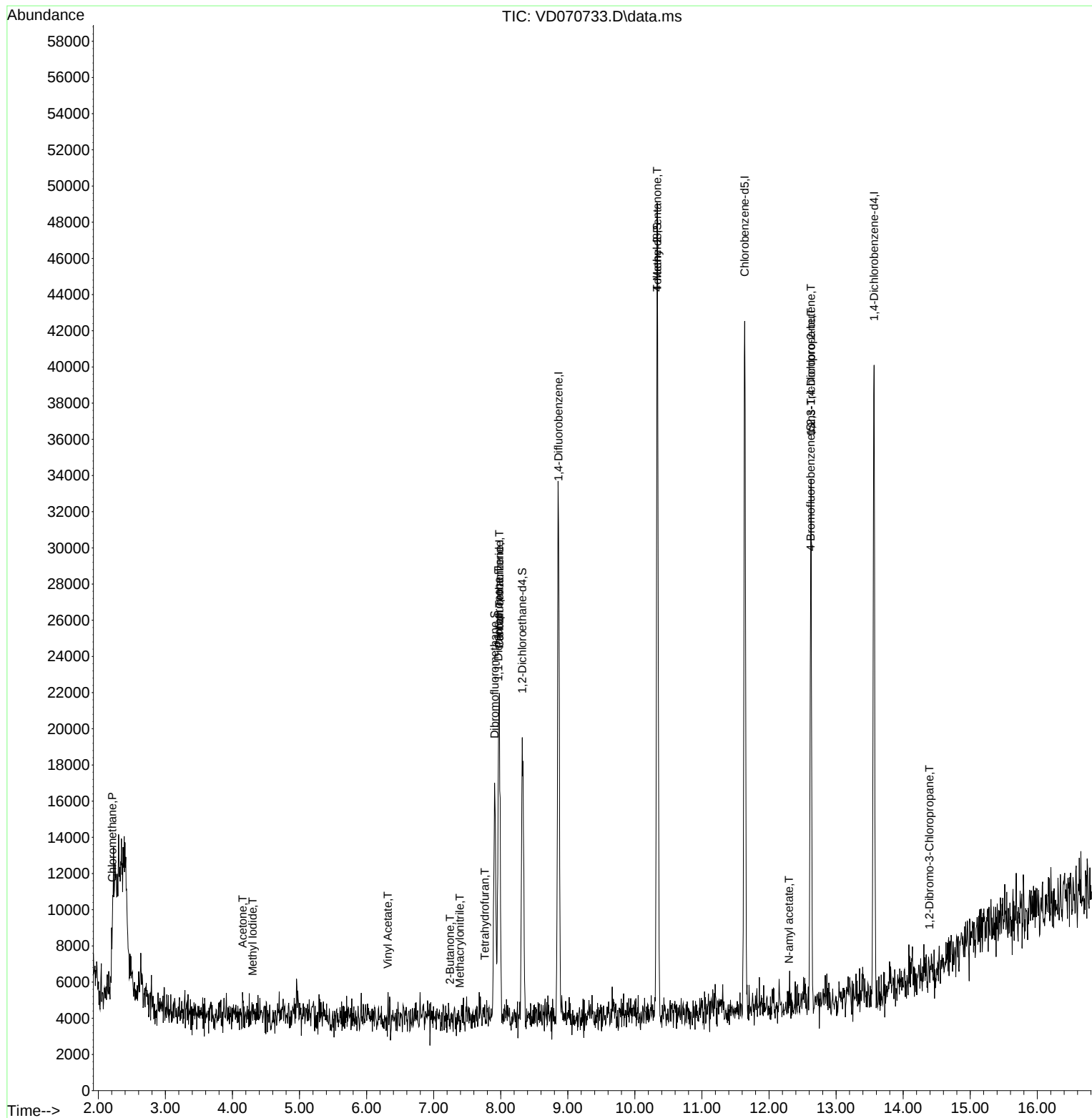
Internal Standards						
1) Pentafluorobenzene	7.979	168	12819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	21864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	21508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	12182	80.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.460%	
35) Dibromofluoromethane	7.908	113	9330	66.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.280%	
50) Toluene-d8	10.332	98	28490	53.088	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.620	95	8591	46.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.980%	
Target Compounds						Qvalue
3) Chloromethane	2.209	50	789	3.548	ug/l #	46
10) Methyl Iodide	4.303	142	225	4.634	ug/l #	38
16) Acetone	4.150	43	63	1.720	ug/l #	40
20) Methylene Chloride	4.950	84	578	Below Cal	#	58
23) Vinyl Acetate	6.314	43	94	16.652	ug/l #	69
25) 2-Butanone	7.244	43	62	1.370	ug/l #	43
29) Tetrahydrofuran	7.761	42	101	3.647	ug/l #	29
36) 1,1-Dichloropropene	7.967	75	1469	6.031	ug/l #	42
38) Carbon Tetrachloride	7.979	117	1605	6.880	ug/l #	12
41) Methacrylonitrile	7.391	41	56	2.789	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	110	1.084	ug/l #	1
74) N-amyl acetate	12.296	43	272	1.751	ug/l #	37
76) 1,2,3-Trichloropropane	12.626	75	4494	62.124	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	4494	136.071	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.390	75	55	2.922	ug/l #	6

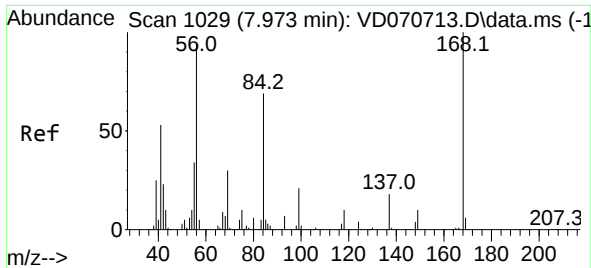
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

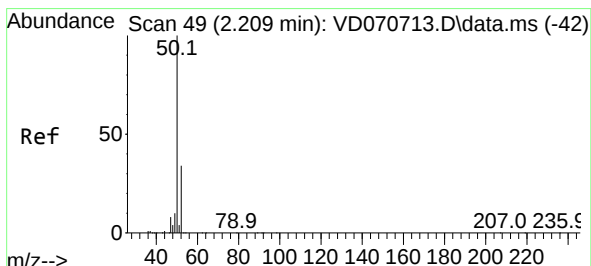
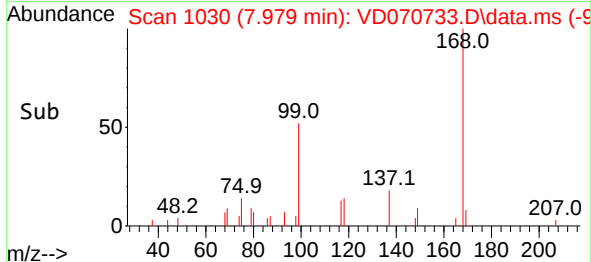
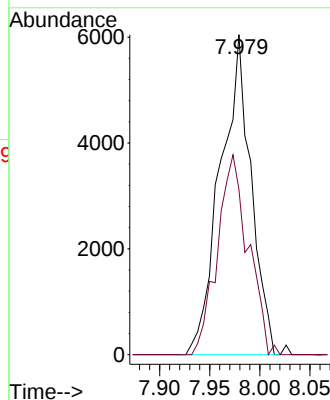
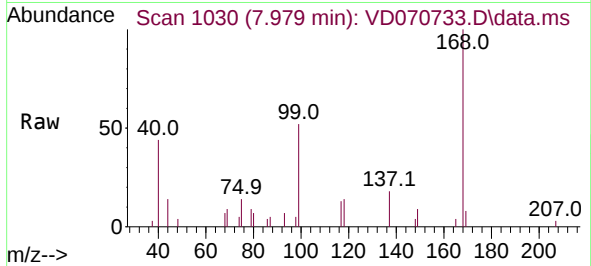




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

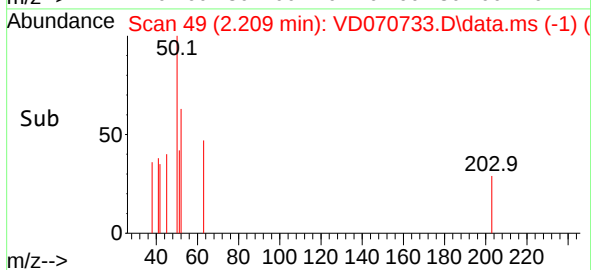
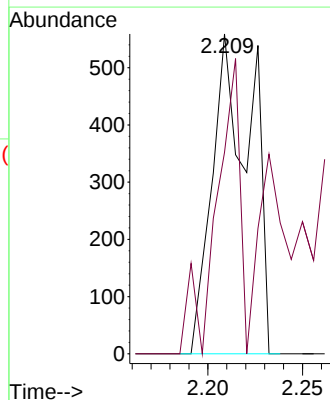
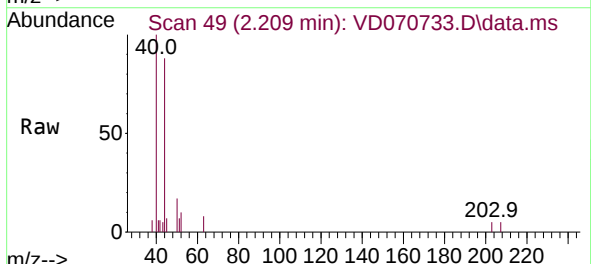
Instrument :
MSVOA_D
ClientSampled :
WC-1-BD

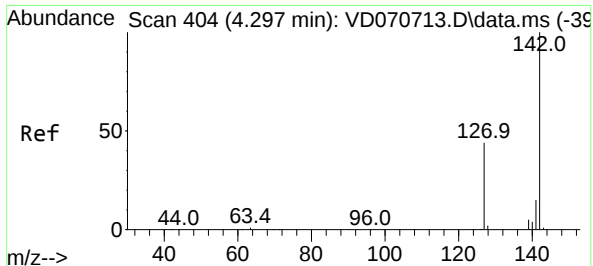
Tgt Ion:168 Resp: 12819
Ion Ratio Lower Upper
168 100
99 51.7 51.4 77.0



#3
Chloromethane
Concen: 3.548 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 50 Resp: 789
Ion Ratio Lower Upper
50 100
52 63.0 26.0 39.0#

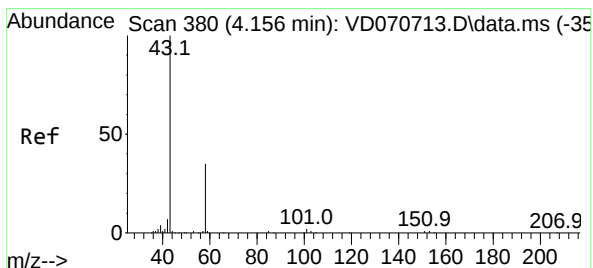
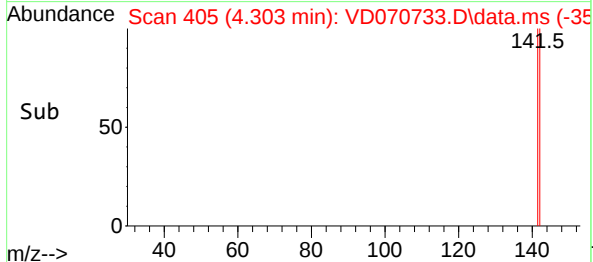
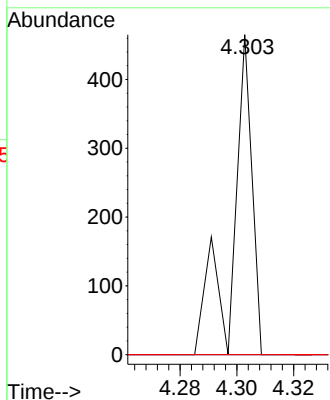
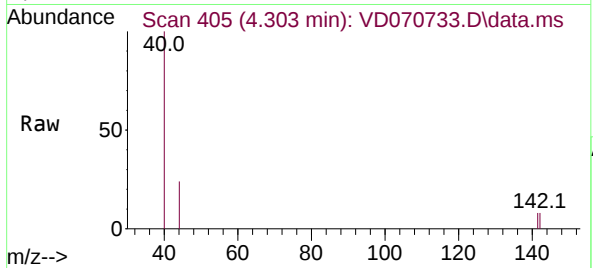




#10
Methyl Iodide
Concen: 4.634 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

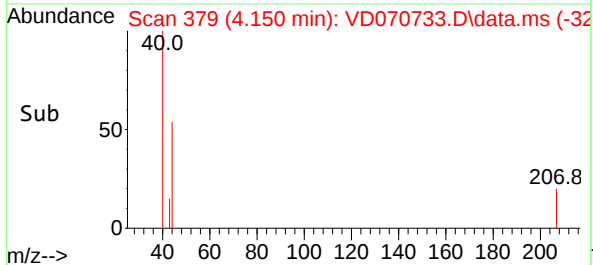
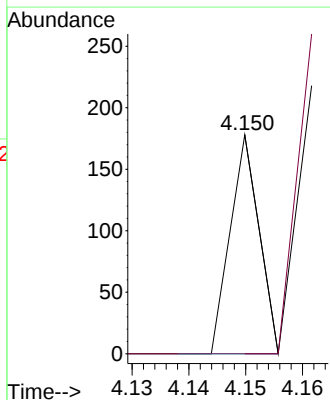
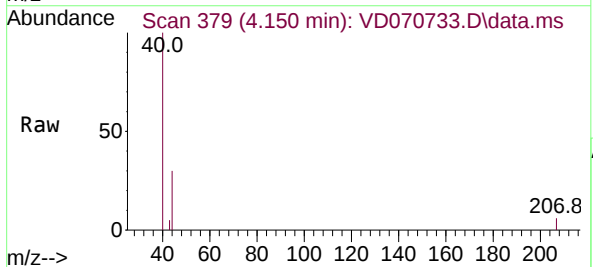
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

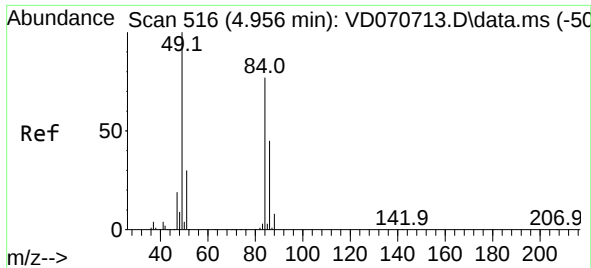
Tgt Ion:142 Resp: 225
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#



#16
Acetone
Concen: 1.720 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

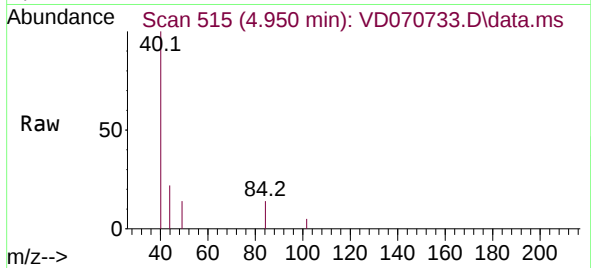
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



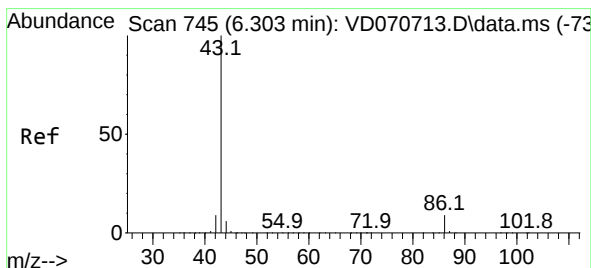
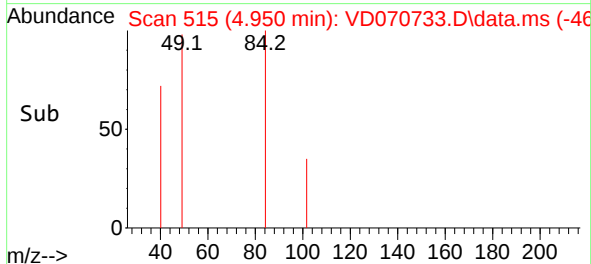
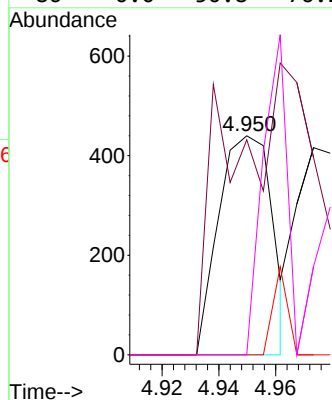


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

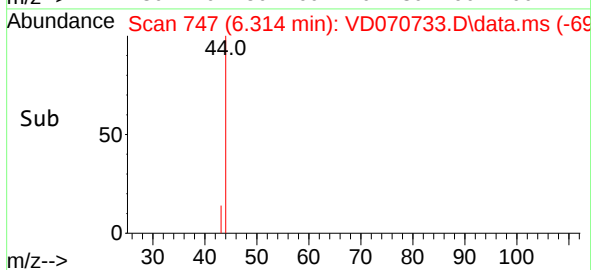
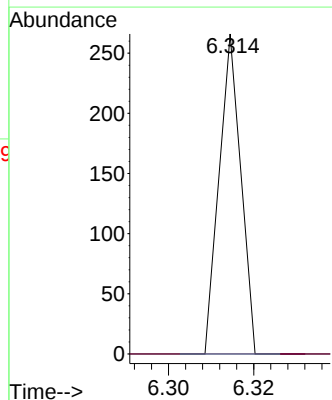
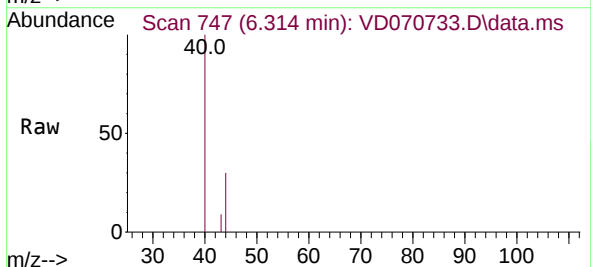


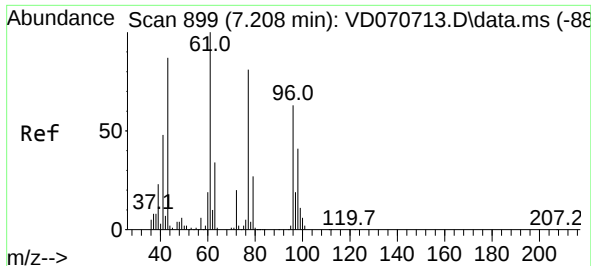
Tgt Ion:	84	Resp:	578
Ion	Ratio	Lower	Upper
84	100		
49	98.2	91.4	137.2
51	0.0	26.7	40.1#
86	0.0	50.8	76.2#



#23
Vinyl Acetate
Concen: 16.652 ug/l
RT: 6.314 min Scan# 747
Delta R.T. 0.011 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion:	43	Resp:	94
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.8	14.6#

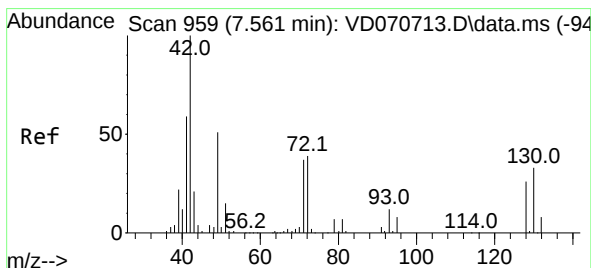
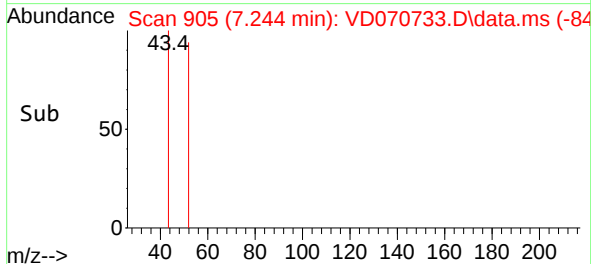
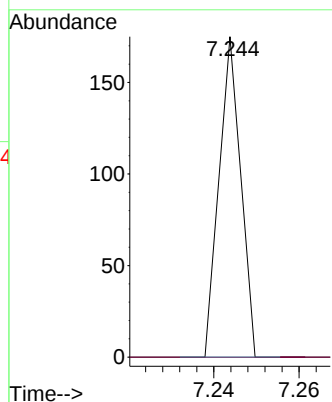
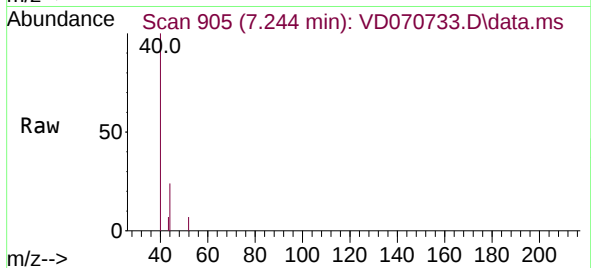




#25
2-Butanone
Concen: 1.370 ug/l
RT: 7.244 min Scan# 905
Delta R.T. 0.035 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

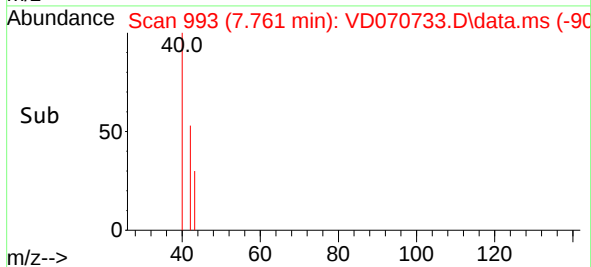
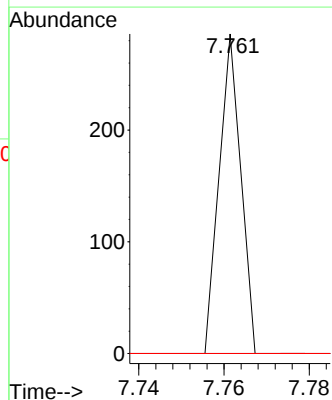
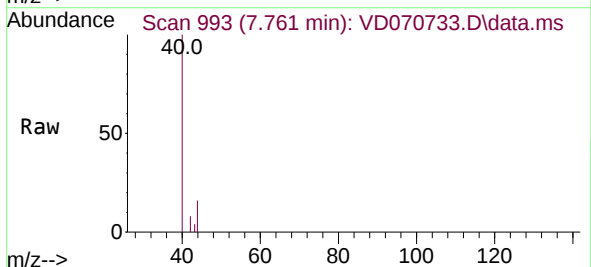
Instrument :
MSVOA_D
ClientSampled :
WC-1-BD

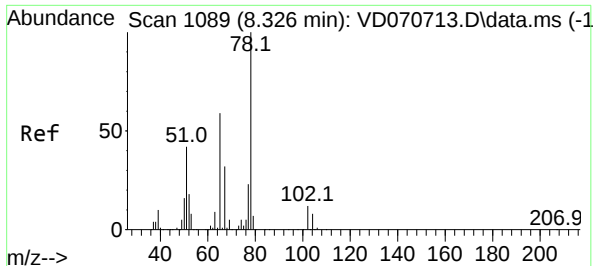
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
72 0.0 25.2 37.8#



#29
Tetrahydrofuran
Concen: 3.647 ug/l
RT: 7.761 min Scan# 993
Delta R.T. 0.200 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 42 Resp: 101
Ion Ratio Lower Upper
42 100
72 0.0 40.2 60.4#
71 0.0 37.2 55.8#



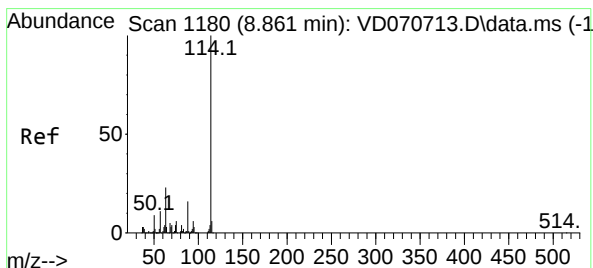
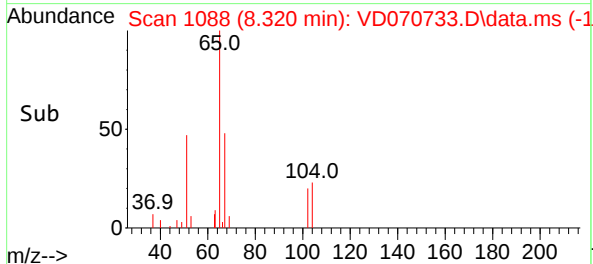
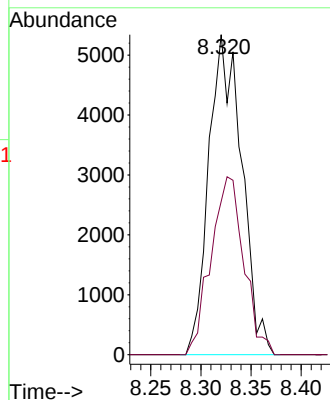
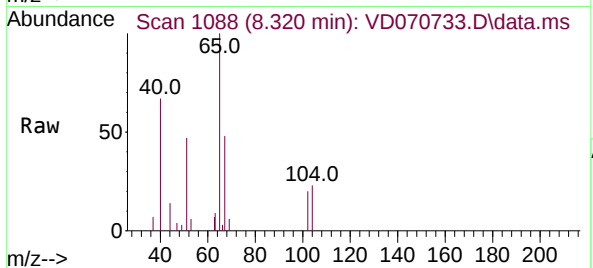


#33

1,2-Dichloroethane-d4
Concen: 80.233 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

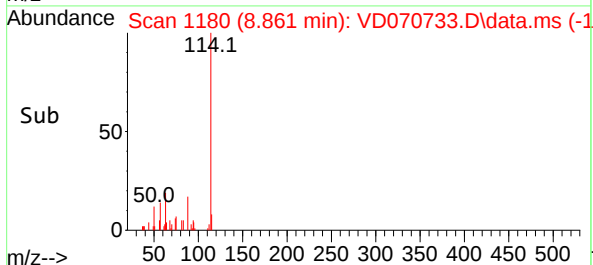
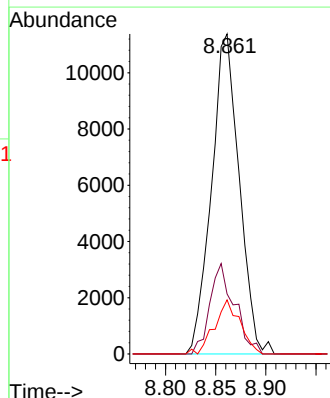
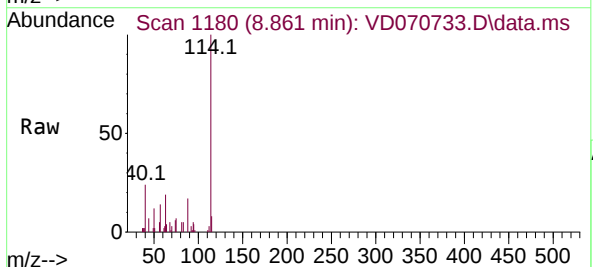
Tgt Ion: 65 Resp: 12182
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.2

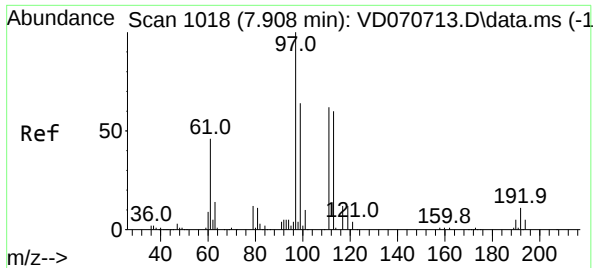


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 114 Resp: 21864
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.8
88 16.9 0.0 32.6

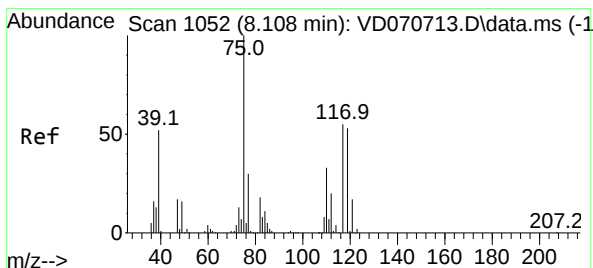
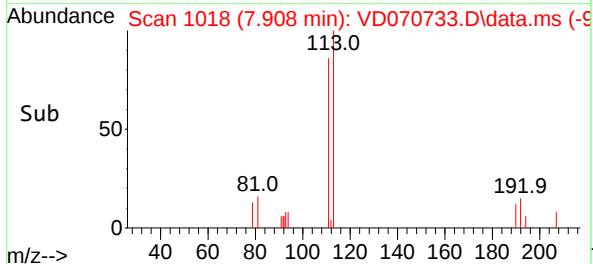
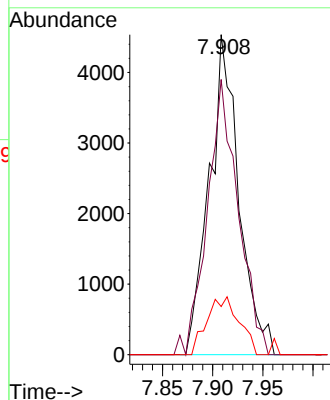
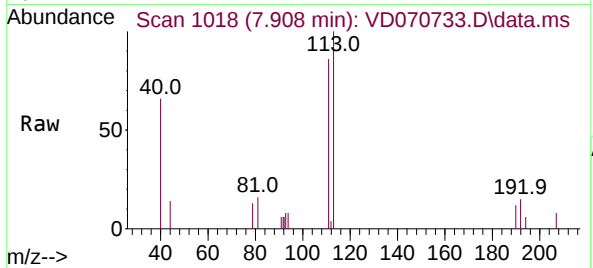




#35
Dibromofluoromethane
Concen: 66.644 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

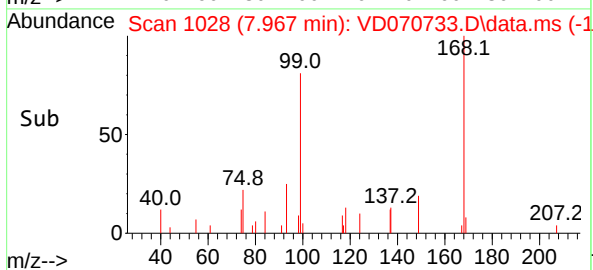
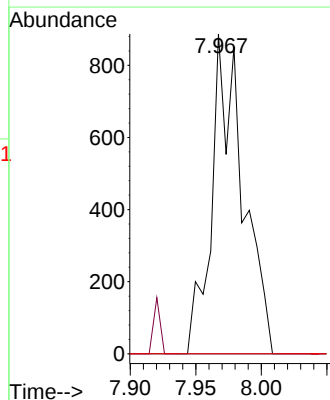
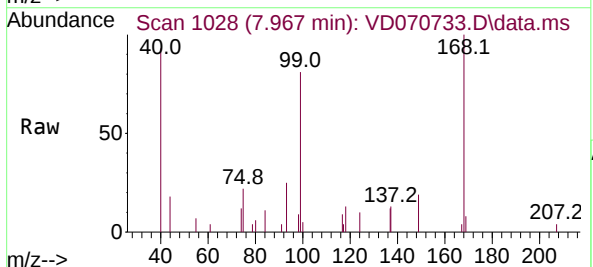
Instrument :
MSVOA_D
ClientSampleId :
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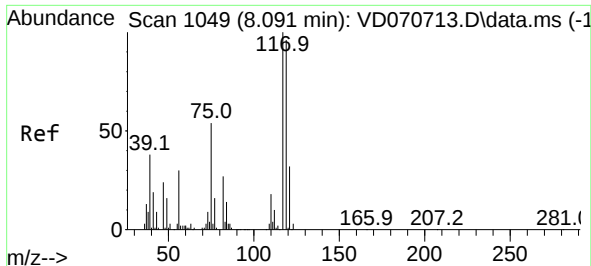
Tgt Ion:113 Resp: 9330
Ion Ratio Lower Upper
113 100
111 89.4 83.1 124.7
192 19.7 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 6.031 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 75 Resp: 1469
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.6#
77 0.0 24.2 36.4#

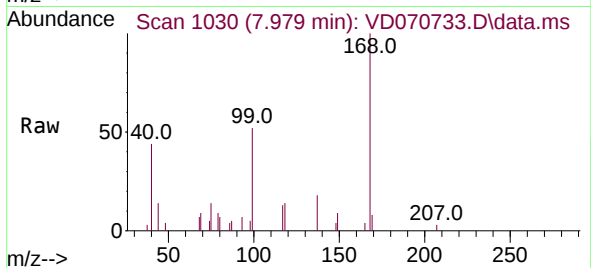




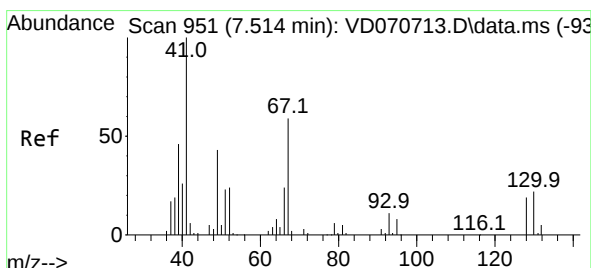
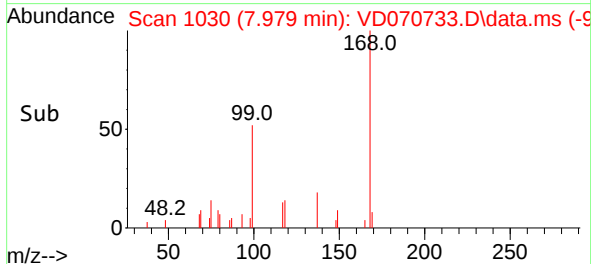
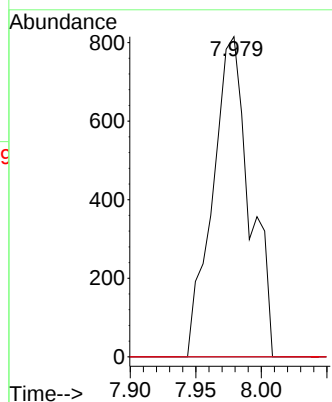
#38

Carbon Tetrachloride
Concen: 6.880 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Instrument :
MSVOA_D
ClientSampled :
WC-1-BD

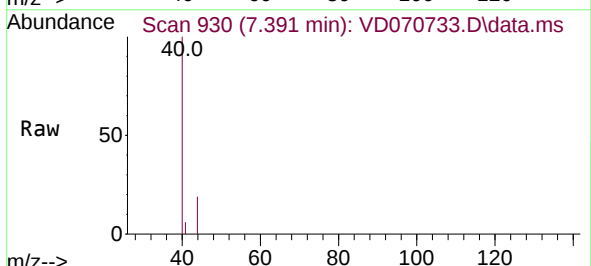


Tgt Ion:	117	Resp:	1605
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.4	116.0#
121	0.0	25.4	38.0#

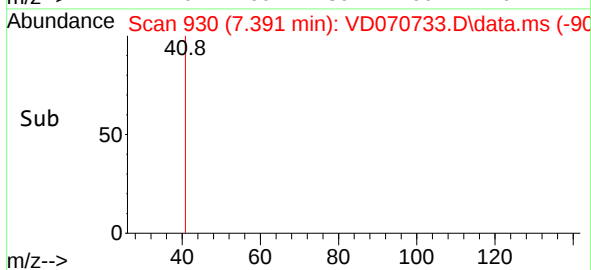
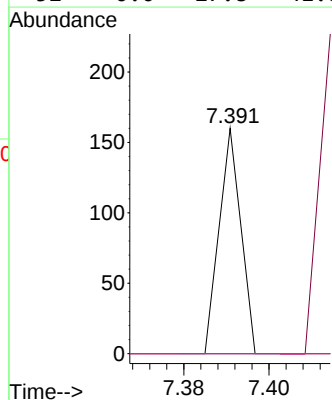


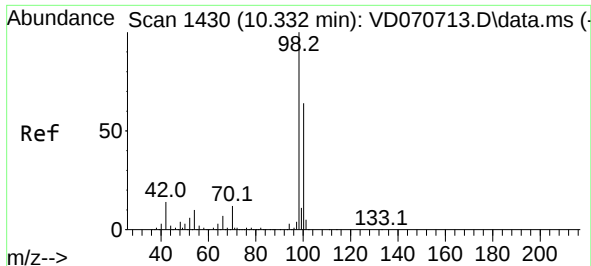
#41

Methacrylonitrile
Concen: 2.789 ug/l
RT: 7.391 min Scan# 930
Delta R.T. -0.123 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44



Tgt Ion:	41	Resp:	56
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#

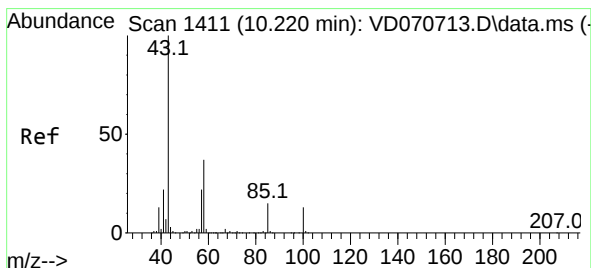
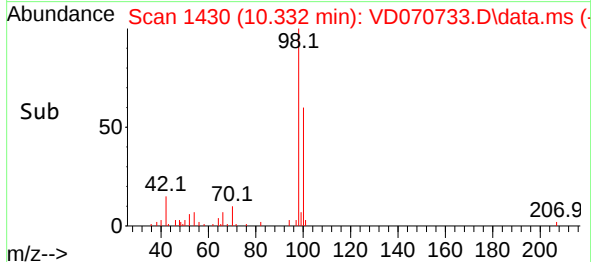
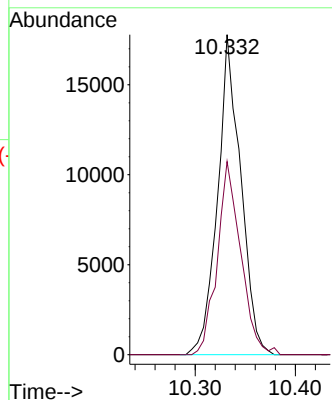
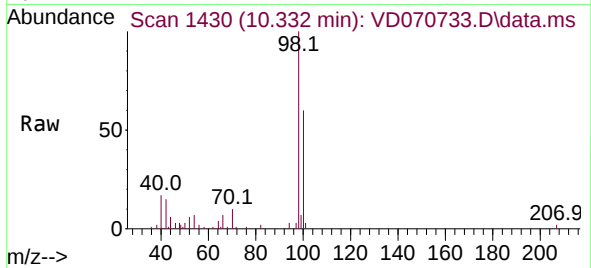




#50
Toluene-d8
Concen: 53.088 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

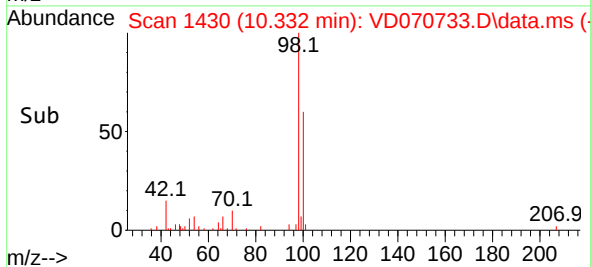
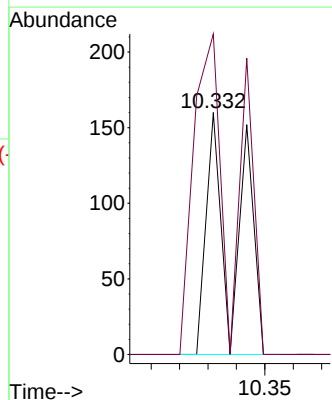
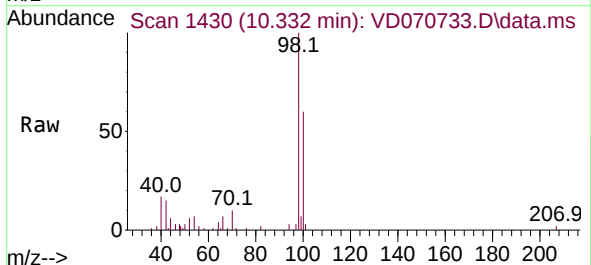
Instrument :
MSVOA_D
ClientSampled :
WC-1-BD

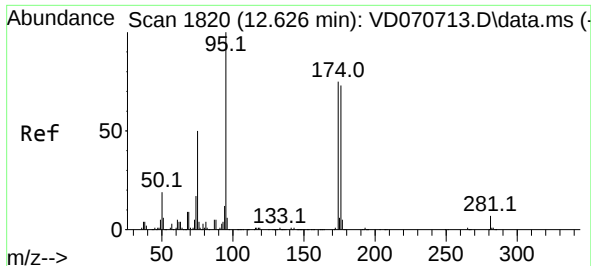
Tgt Ion: 98 Resp: 28490
Ion Ratio Lower Upper
98 100
100 61.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.084 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
58 185.5 35.0 52.6#

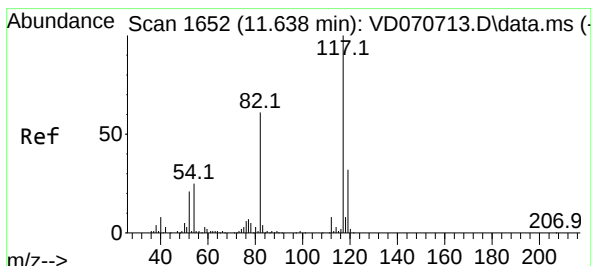
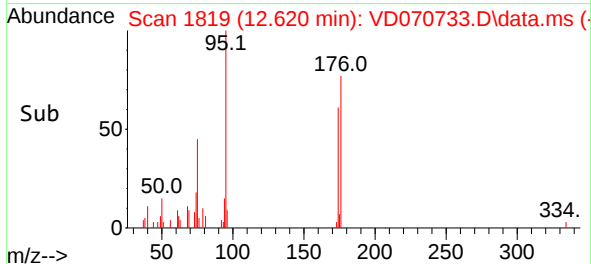
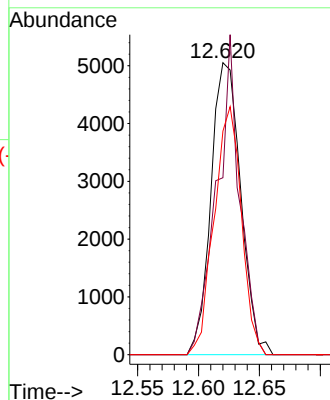
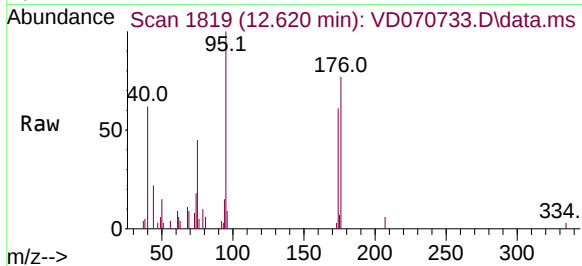




#62
4-Bromofluorobenzene
Concen: 46.492 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

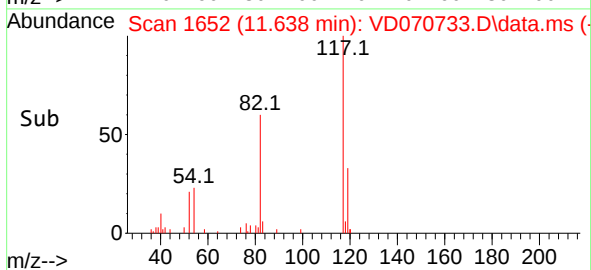
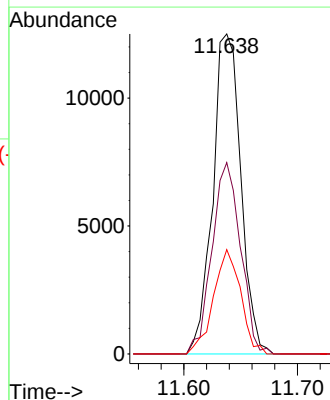
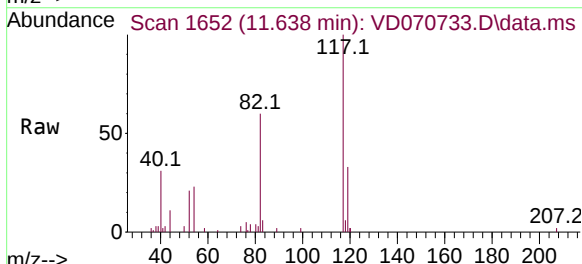
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

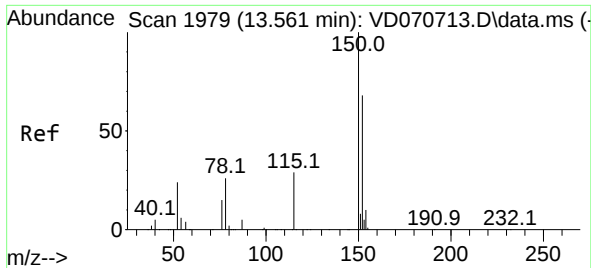
Tgt Ion:	95	Resp:	8591
Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	138.0
176	78.0	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion:	117	Resp:	21508
Ion	Ratio	Lower	Upper
117	100		
82	59.8	45.4	68.2
119	32.6	24.7	37.1

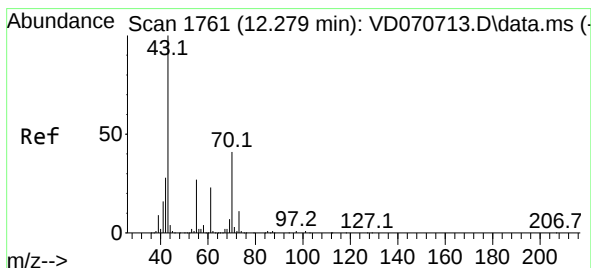
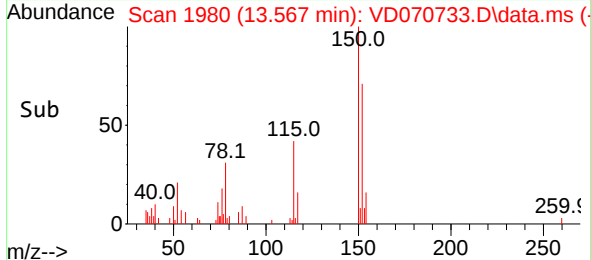
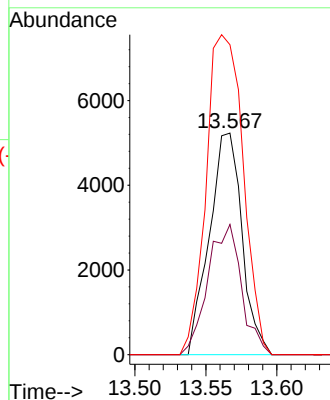
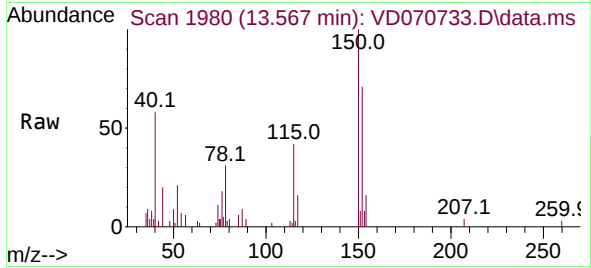




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

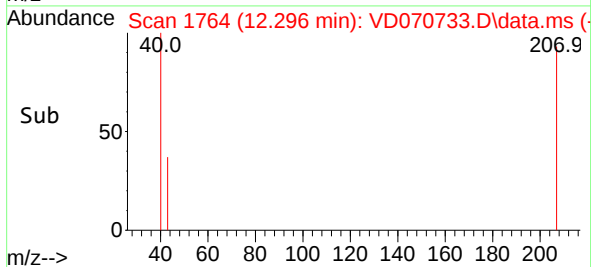
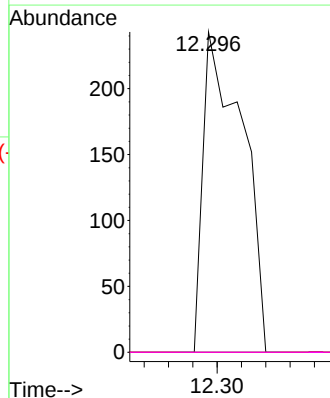
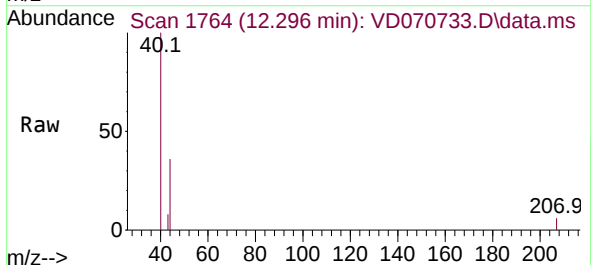
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

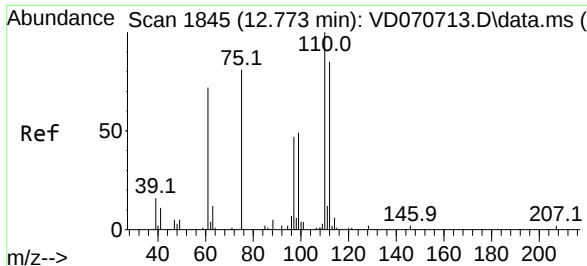
Tgt Ion:	152	Resp:	8373
Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.9	95.7
150	163.6	0.0	350.0



#74
N-ethyl acetate
Concen: 1.751 ug/l
RT: 12.296 min Scan# 1764
Delta R.T. 0.018 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion:	43	Resp:	272
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#

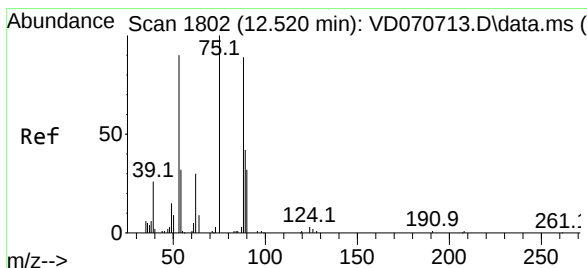
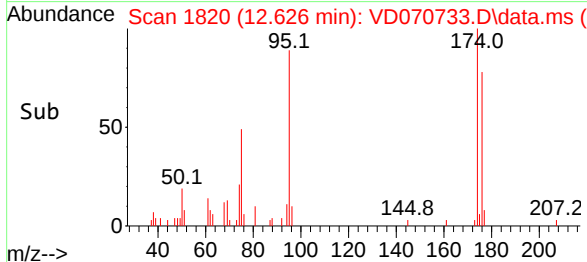
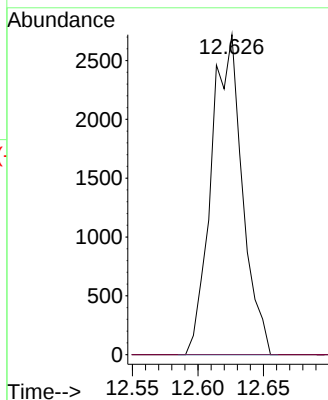
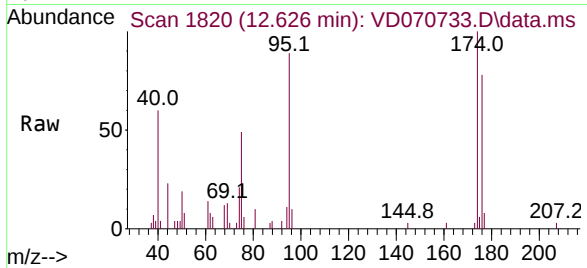




#76
1,2,3-Trichloropropane
Concen: 62.124 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

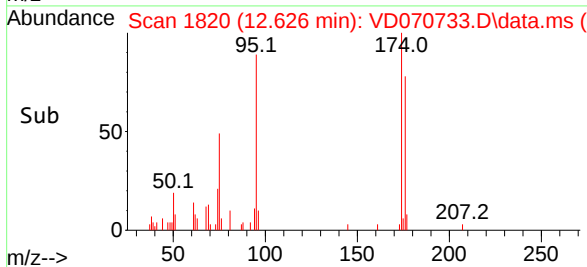
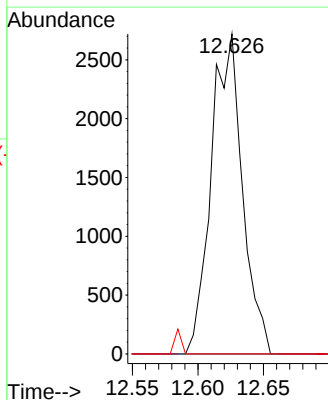
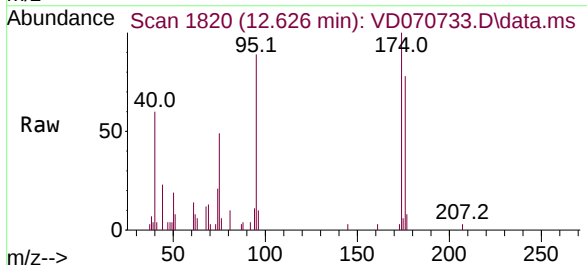
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

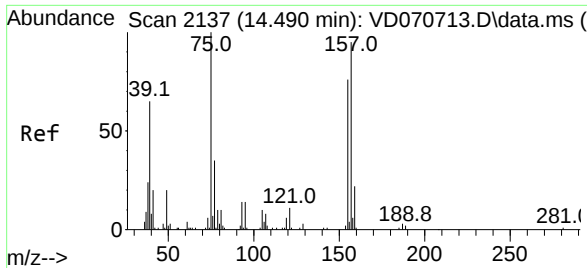
Tgt Ion: 75 Resp: 4494
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 136.071 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

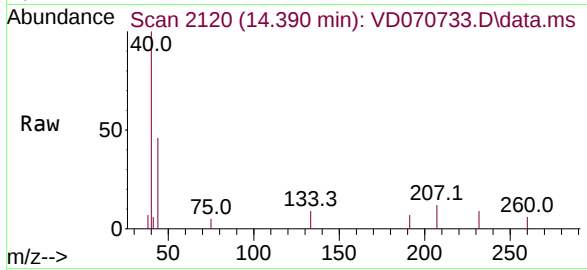
Tgt Ion: 75 Resp: 4494
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.922 ug/l
 RT: 14.390 min Scan# 2120
 Delta R.T. -0.100 min
 Lab File: VD070733.D
 Acq: 18 Oct 2021 16:44

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-BD



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#

