

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069836.D
 Acq On : 23 Jul 2021 18:42
 Operator : VA/SY
 Sample : M3117-08
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

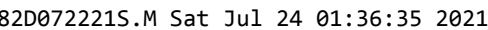
Quant Time: Jul 24 01:36:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

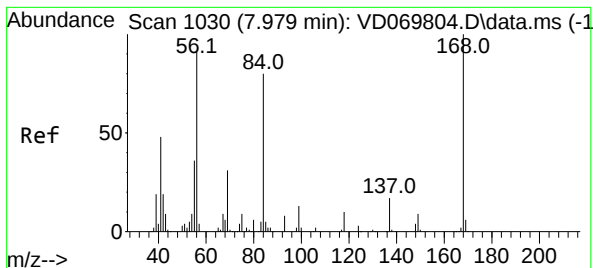
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	7413	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.867	114	12710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	12868	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7290	85.507	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 171.020%#			
35) Dibromofluoromethane	7.909	113	4830	60.282	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.560%			
50) Toluene-d8	10.338	98	16990	54.992	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.980%			
62) 4-Bromofluorobenzene	12.626	95	4961	48.047	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.100%			
Target Compounds					Qvalue	
5) Bromomethane	2.797	94	77	Below Cal	#	3
6) Chloroethane	2.774	64	132	1.711	ug/l #	40
12) 1,1-Dichloroethene	4.003	96	123	1.450	ug/l #	1
16) Acetone	4.179	43	62	4.026	ug/l #	38
20) Methylene Chloride	4.973	84	1014	3.172	ug/l #	61
23) Vinyl Acetate	6.556	43	66	20.757	ug/l #	71
25) 2-Butanone	7.232	43	67	3.208	ug/l #	46
36) 1,1-Dichloropropene	7.967	75	893	6.511	ug/l #	42
37) Ethyl Acetate	7.232	43	67	1.342	ug/l #	67
38) Carbon Tetrachloride	7.985	117	652	5.204	ug/l #	12
51) 4-Methyl-2-Pentanone	10.350	43	126	2.704	ug/l #	34
76) 1,2,3-Trichloropropane	12.626	75	2345	57.037	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	2345	173.034	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.444	75	78	9.760	ug/l #	7
95) Naphthalene	15.379	128	59	5.419	ug/l #	69

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

Quant Time: Jul 24 01:36:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD069836.D

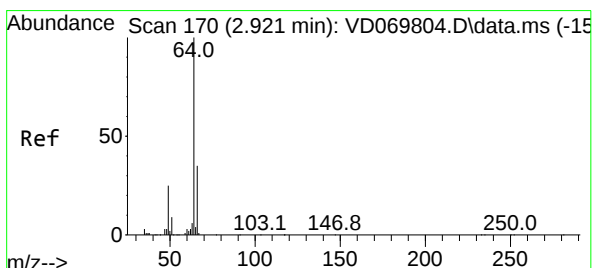
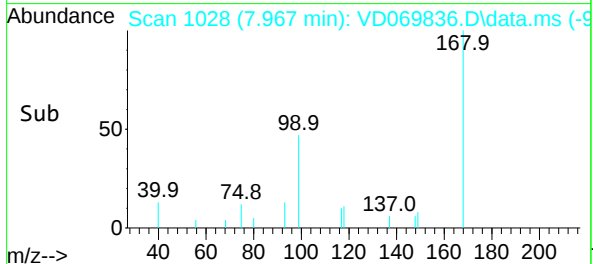
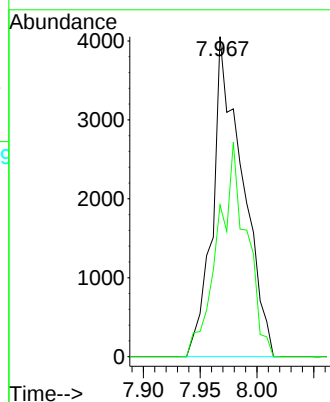
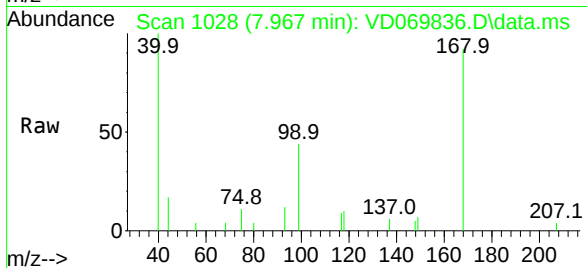
Acq: 23 Jul 2021 18:42

Tgt Ion:168 Resp: 7413

Ion Ratio Lower Upper

168 100

99 47.5 51.1 76.7#



#6

Chloroethane

Concen: 1.711 ug/l

RT: 2.774 min Scan# 145

Delta R.T. -0.147 min

Lab File: VD069836.D

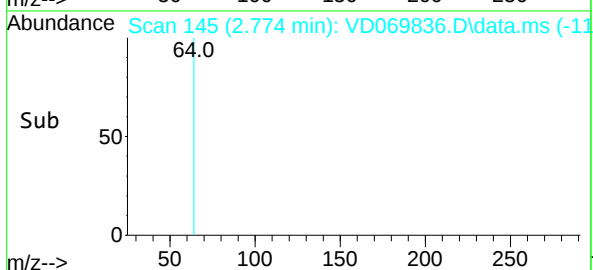
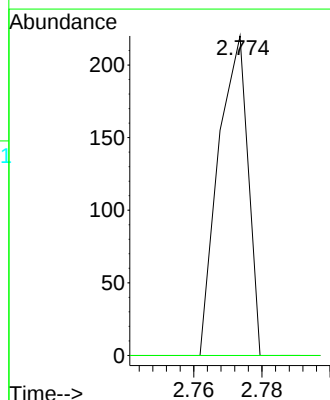
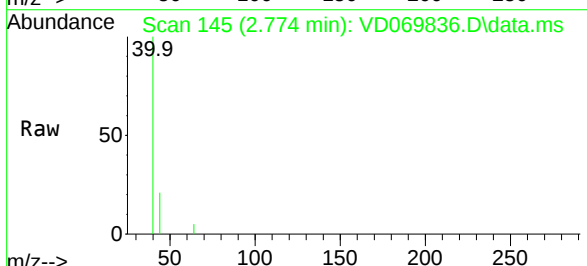
Acq: 23 Jul 2021 18:42

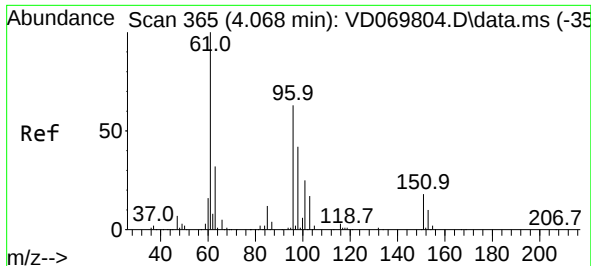
Tgt Ion: 64 Resp: 132

Ion Ratio Lower Upper

64 100

66 0.0 27.8 41.6#

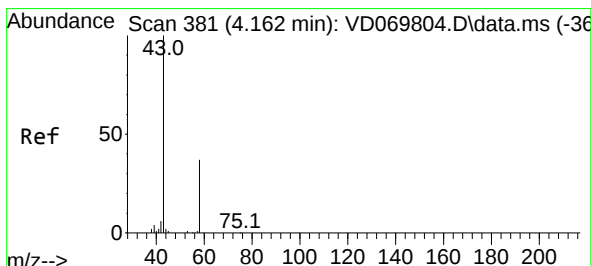
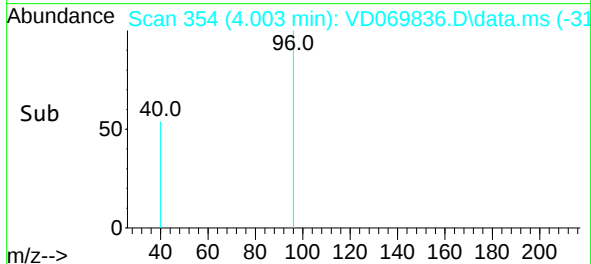
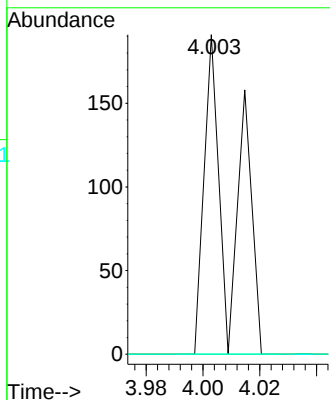
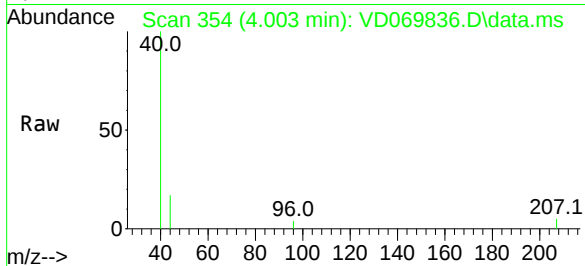




#12
1,1-Dichloroethene
Concen: 1.450 ug/l
RT: 4.003 min Scan# 354
Delta R.T. -0.065 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

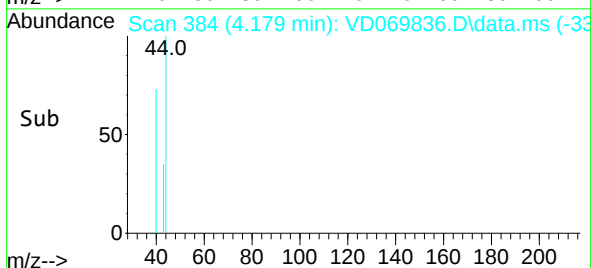
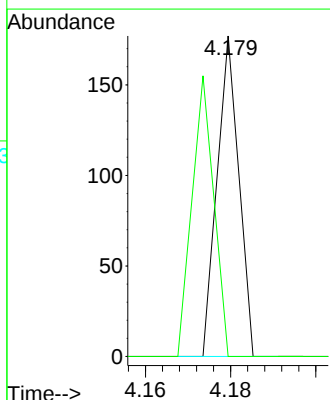
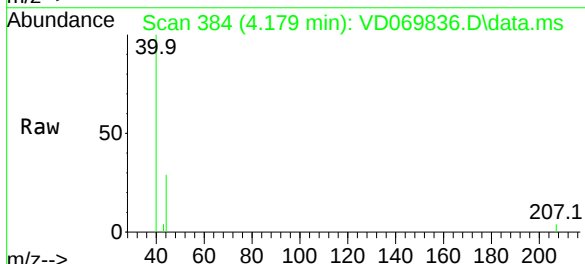
Instrument :
MSVOA_D
ClientSampleId :

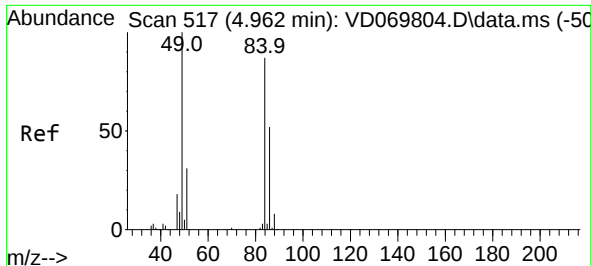
Tgt Ion: 96 Resp: 123
Ion Ratio Lower Upper
96 100
61 0.0 126.9 190.3#
98 0.0 53.2 79.8#



#16
Acetone
Concen: 4.026 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

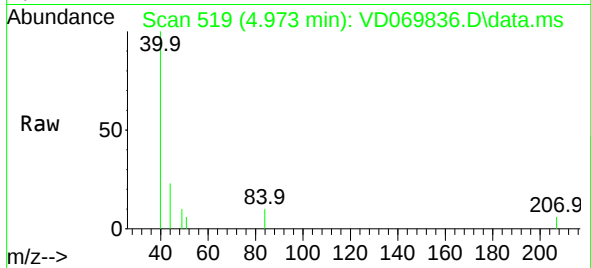
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#



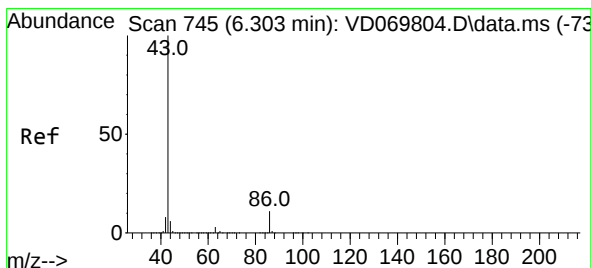
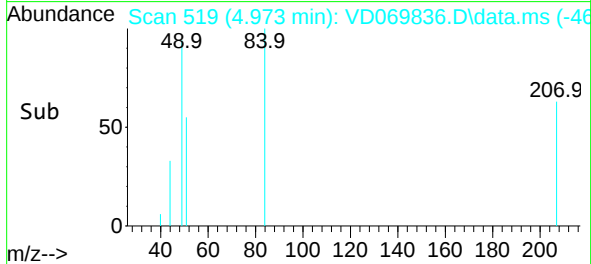
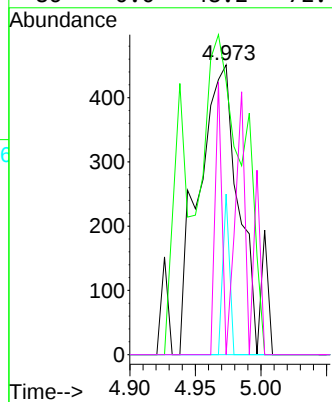


#20
Methylene Chloride
Concen: 3.172 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Instrument :
MSVOA_D
ClientSampleId :

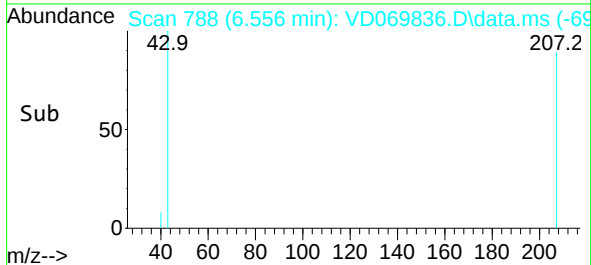
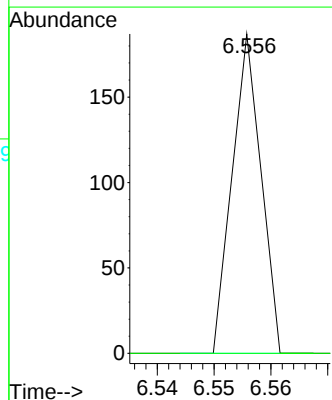
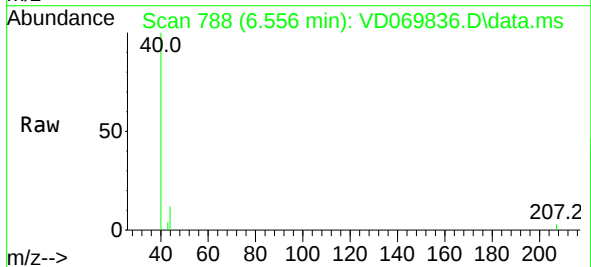


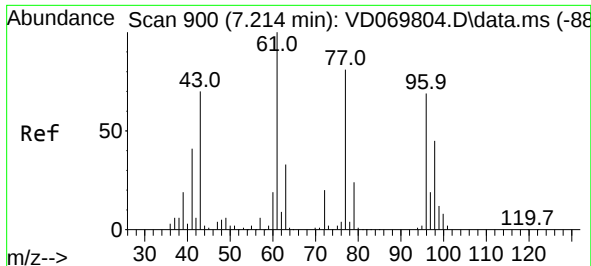
Tgt Ion: 84 Resp: 1014
Ion Ratio Lower Upper
84 100
49 94.2 92.4 138.6
51 55.4 28.5 42.7#
86 0.0 48.2 72.4#



#23
Vinyl Acetate
Concen: 20.757 ug/l
RT: 6.556 min Scan# 788
Delta R.T. 0.253 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

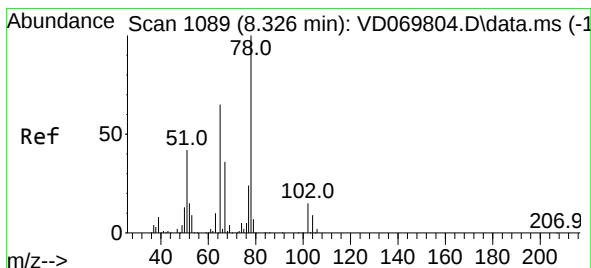
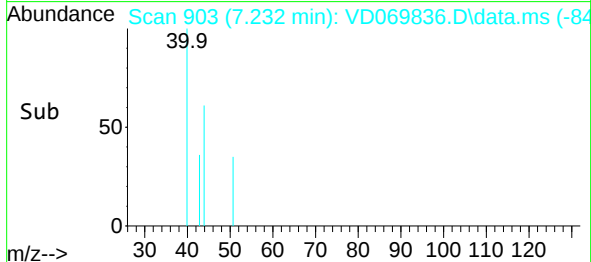
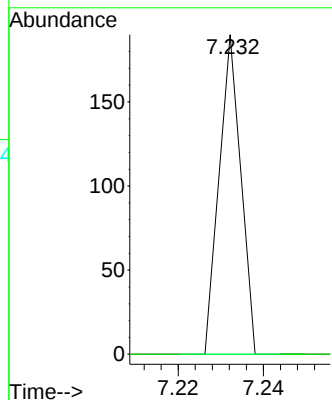
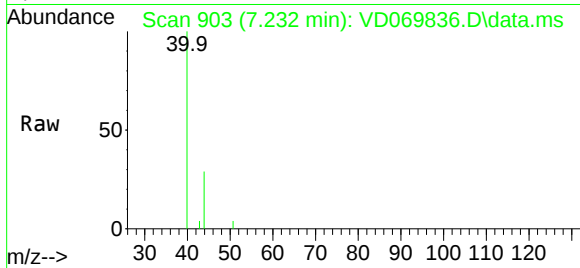




#25
2-Butanone
Concen: 3.208 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.018 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

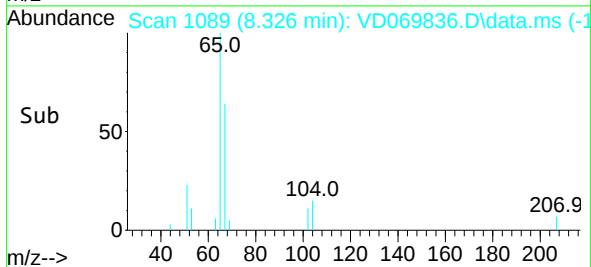
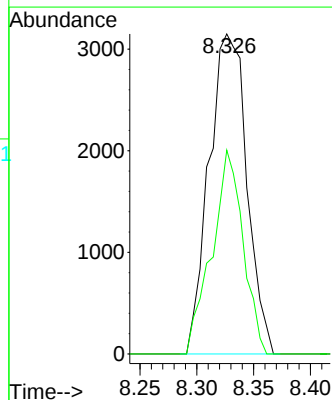
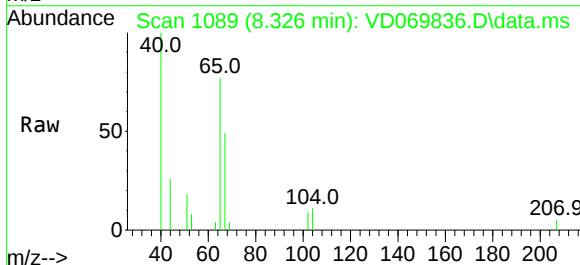
Instrument :
MSVOA_D
ClientSampled :

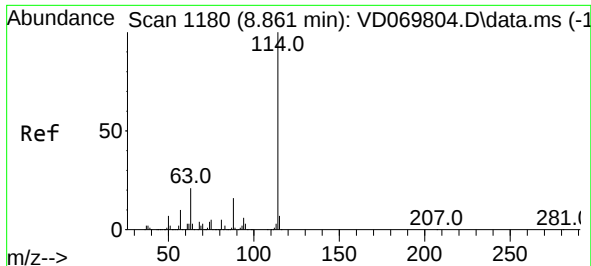
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#33
1,2-Dichloroethane-d4
Concen: 85.507 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 65 Resp: 7290
Ion Ratio Lower Upper
65 100
67 52.6 0.0 111.2

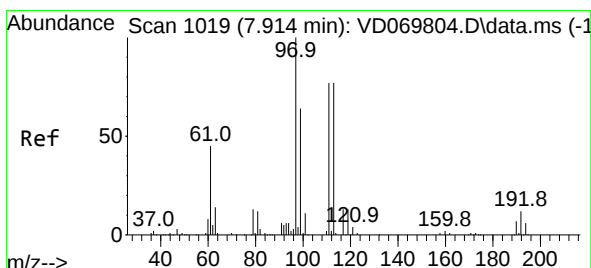
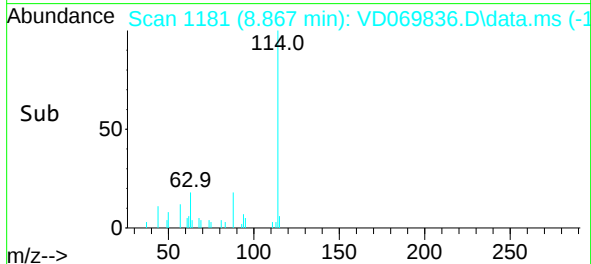
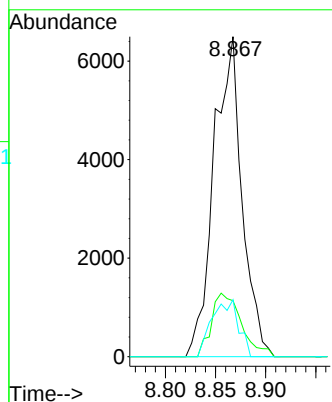
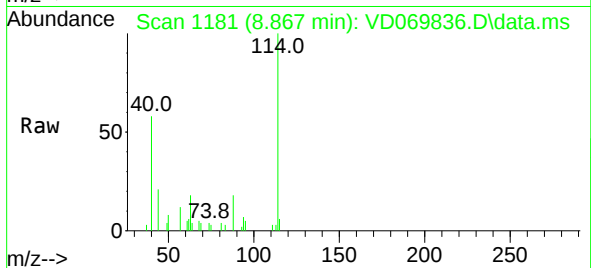




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

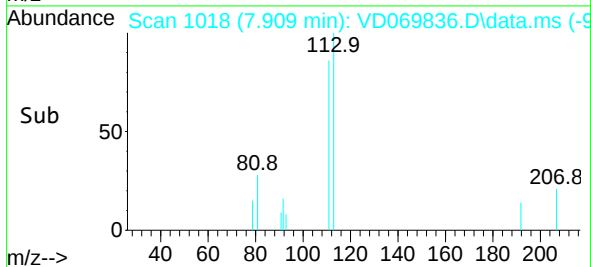
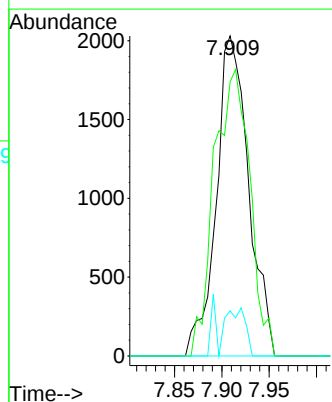
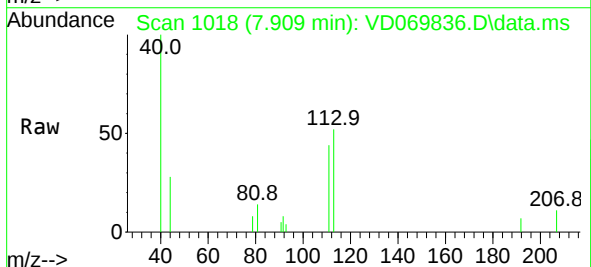
Instrument :
MSVOA_D
ClientSampleId :

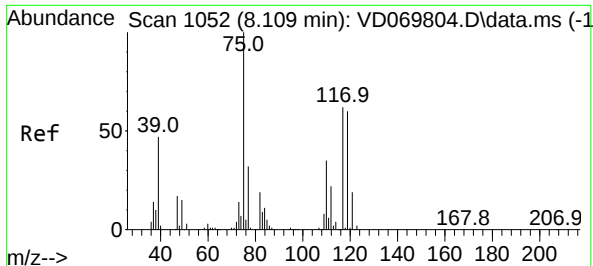
Tgt Ion:	114	Resp:	12710
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	41.6
88	17.8	0.0	31.4



#35
Dibromofluoromethane
Concen: 60.282 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion:	113	Resp:	4830
Ion	Ratio	Lower	Upper
113	100		
111	98.9	80.5	120.7
192	9.2	12.6	19.0#

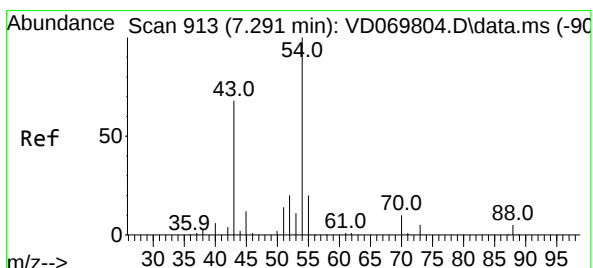
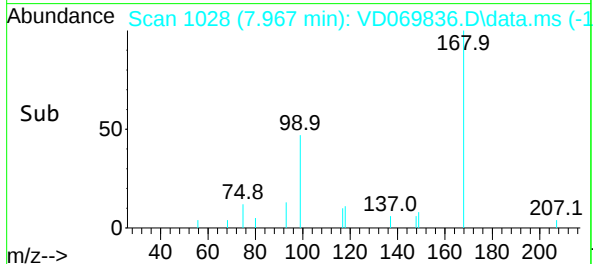
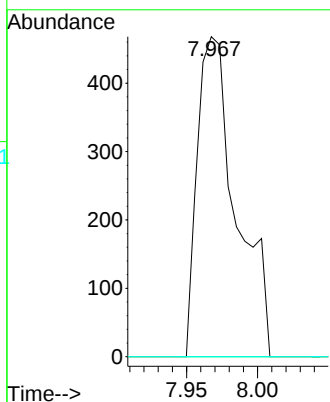
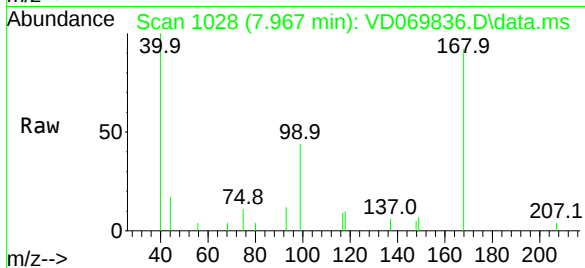




#36
1,1-Dichloropropene
Concen: 6.511 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

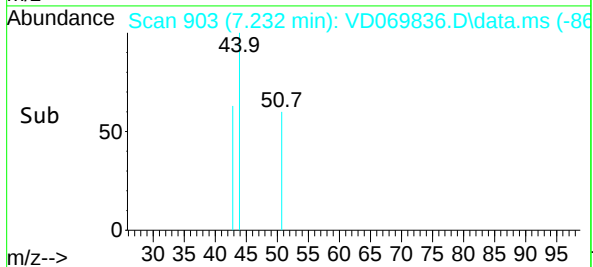
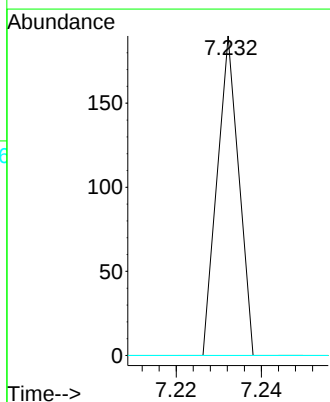
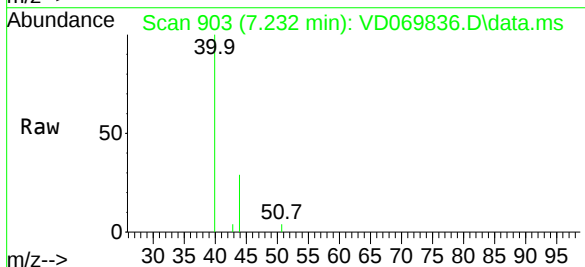
Instrument :
MSVOA_D
ClientSampled :

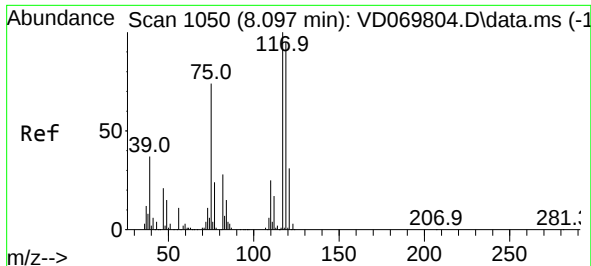
Tgt Ion: 75 Resp: 893
Ion Ratio Lower Upper
75 100
110 0.0 16.9 50.7#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.342 ug/l
RT: 7.232 min Scan# 903
Delta R.T. -0.059 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 8.9 13.3#

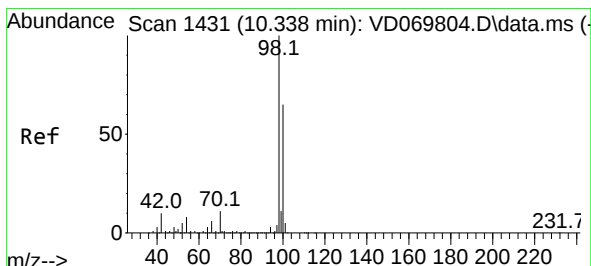
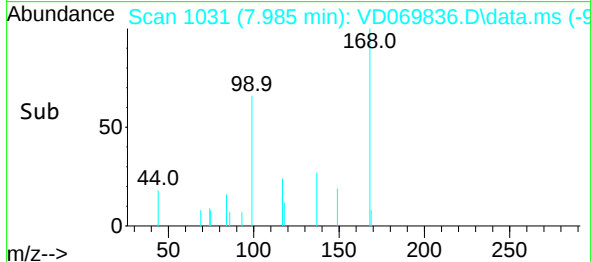
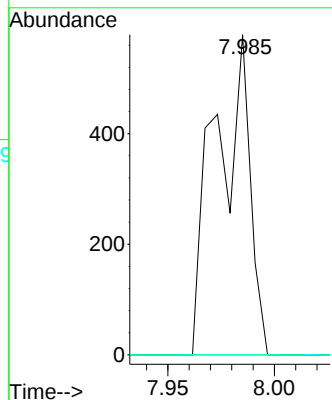
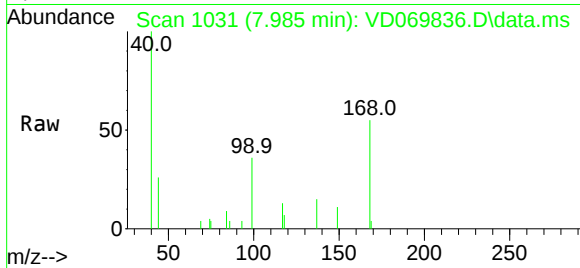




#38
Carbon Tetrachloride
Concen: 5.204 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

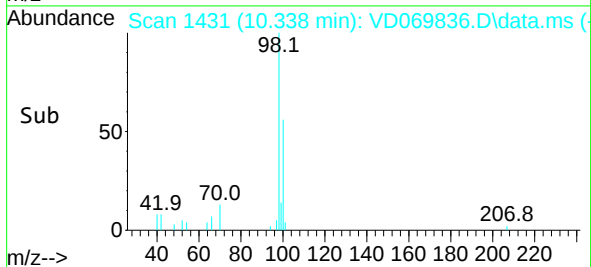
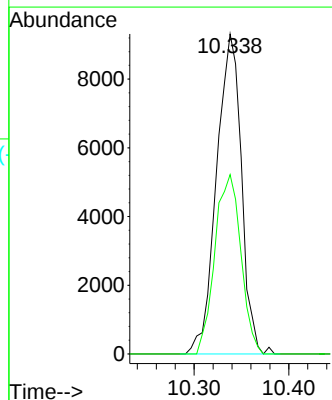
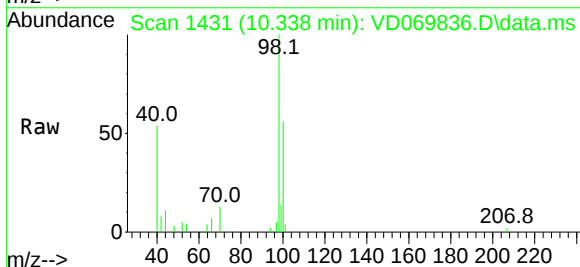
Instrument :
MSVOA_D
ClientSampled :

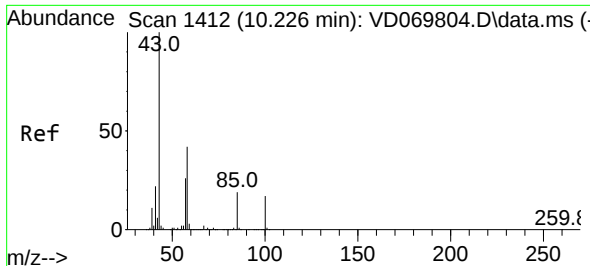
Tgt Ion:117 Resp: 652
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 54.992 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 98 Resp: 16990
Ion Ratio Lower Upper
98 100
100 58.5 51.9 77.9

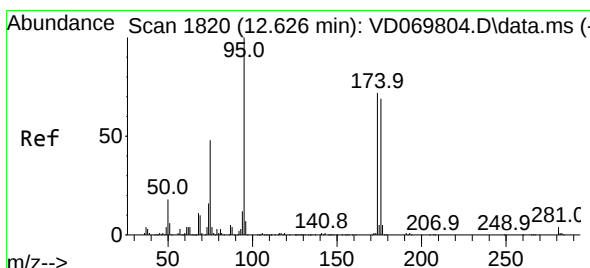
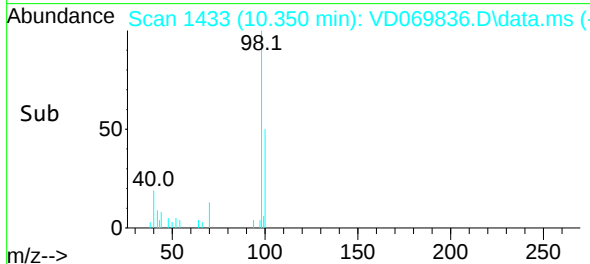
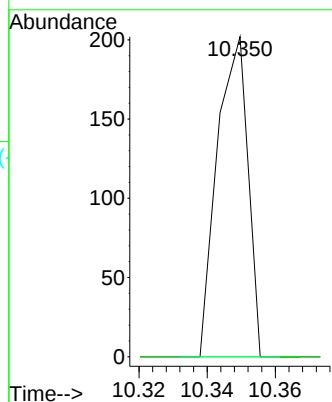
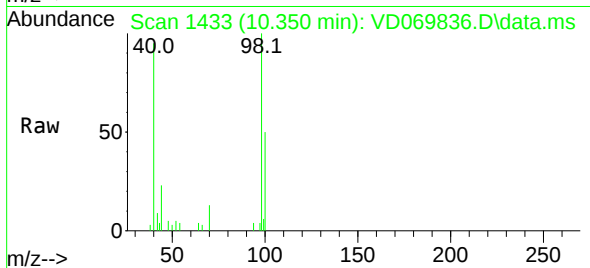




#51
4-Methyl-2-Pentanone
Concen: 2.704 ug/l
RT: 10.350 min Scan# 1433
Delta R.T. 0.124 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

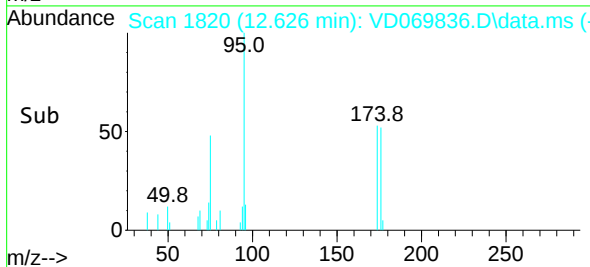
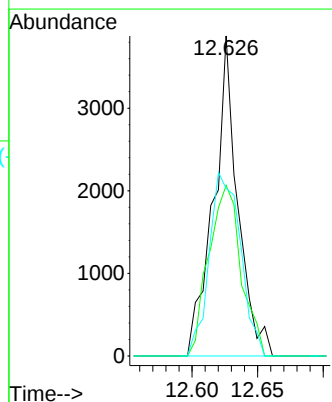
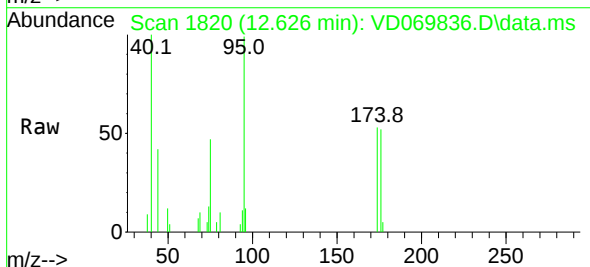
Instrument :
MSVOA_D
ClientSampled :

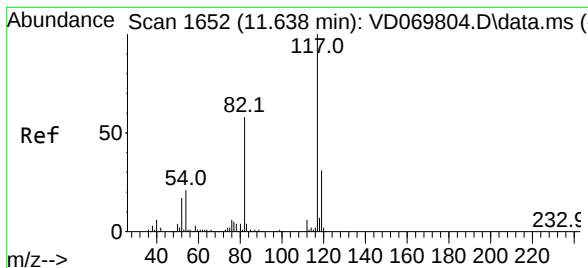
Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 0.0 33.7 50.5#



#62
4-Bromofluorobenzene
Concen: 48.047 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 95 Resp: 4961
Ion Ratio Lower Upper
95 100
174 71.4 0.0 142.6
176 74.2 0.0 134.2

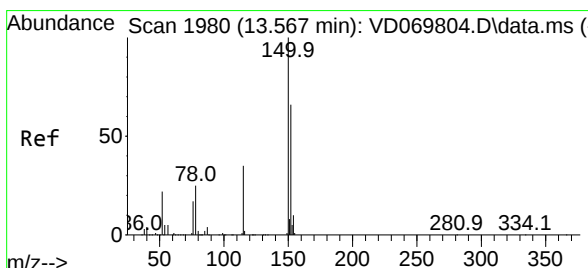
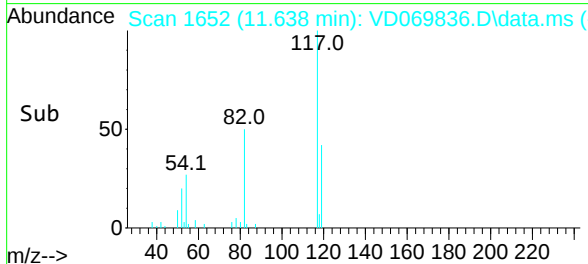
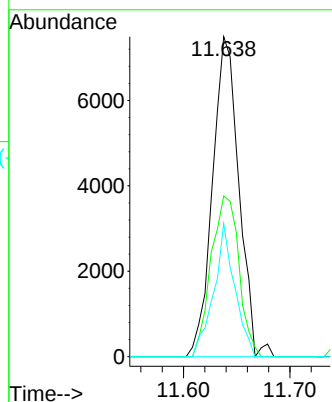
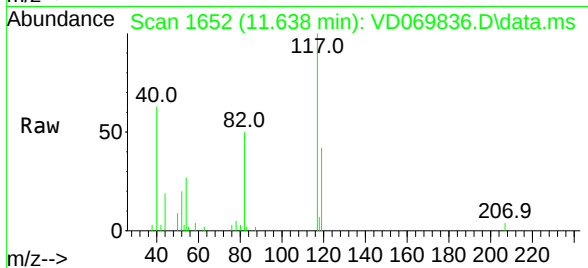




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

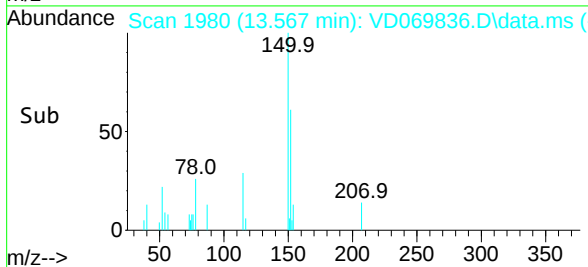
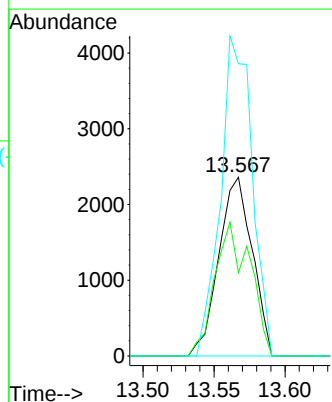
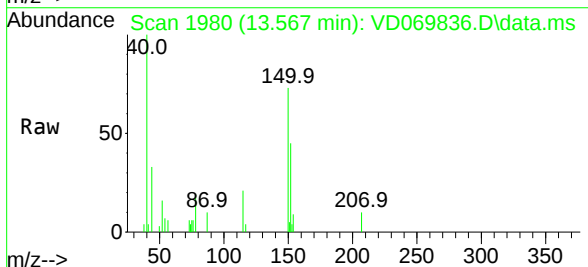
Instrument :
MSVOA_D
ClientSampleId :

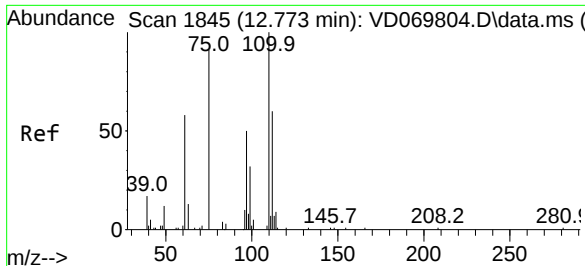
Tgt Ion:	117	Resp:	12868
Ion Ratio	Lower	Upper	
117	100		
82	50.3	46.3	69.5
119	41.6	24.7	37.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion:	152	Resp:	3868
Ion Ratio	Lower	Upper	
152	100		
115	78.2	31.1	93.3
150	169.2	0.0	343.0

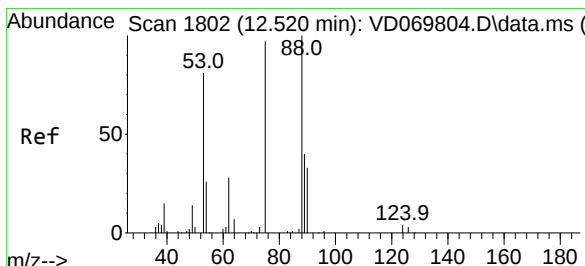
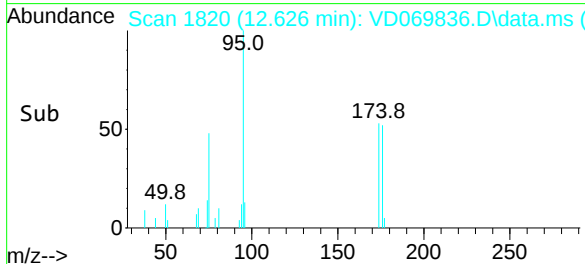
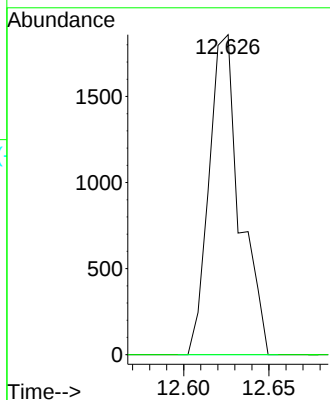
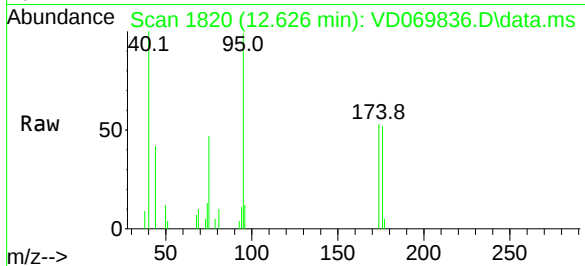




#76
1,2,3-Trichloropropane
Concen: 57.037 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

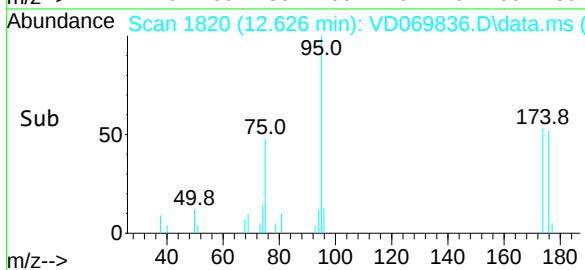
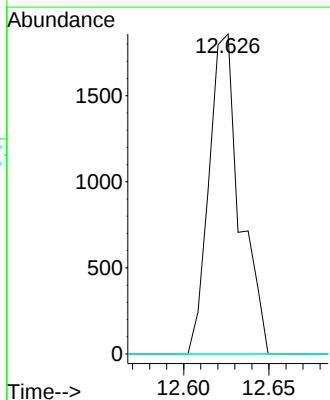
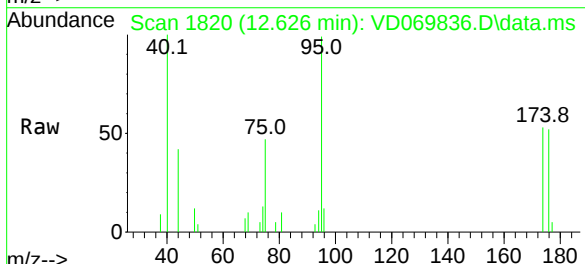
Instrument :
MSVOA_D
ClientSampleId :

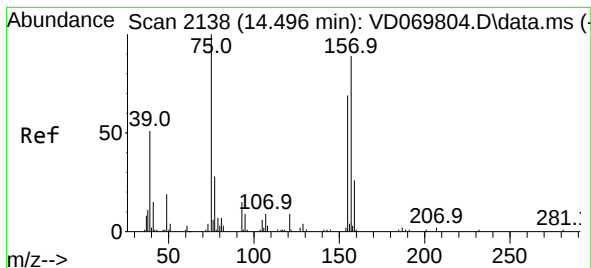
Tgt Ion: 75 Resp: 2345
Ion Ratio Lower Upper
75 100
77 0.0 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 173.034 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 75 Resp: 2345
Ion Ratio Lower Upper
75 100
53 0.0 67.2 100.8#
89 0.0 35.8 53.6#

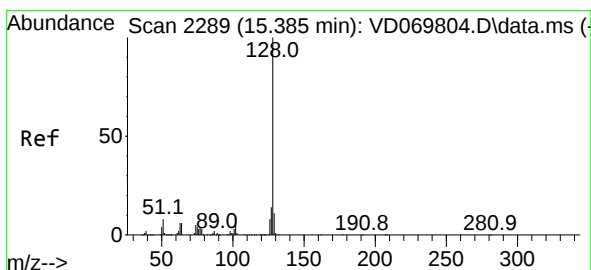
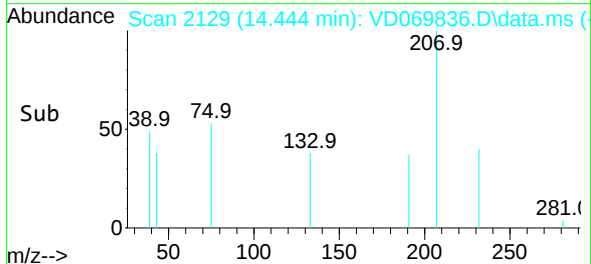
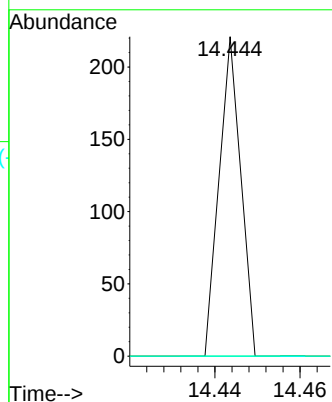
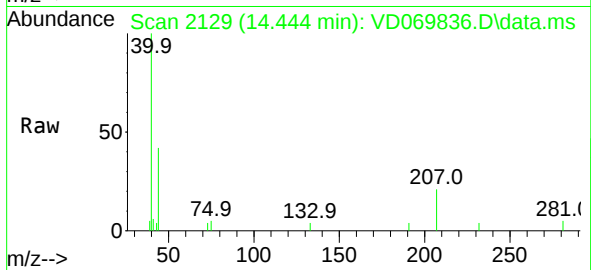




#92
1,2-Dibromo-3-Chloropropane
Concen: 9.760 ug/l
RT: 14.444 min Scan# 2129
Delta R.T. -0.053 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
155 0.0 36.3 108.9#
157 0.0 47.0 141.0#



#95
Naphthalene
Concen: 5.419 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 128 Resp: 59
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

