

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069974.D
 Acq On : 03 Aug 2021 19:02
 Operator : VA/SY
 Sample : M3274-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

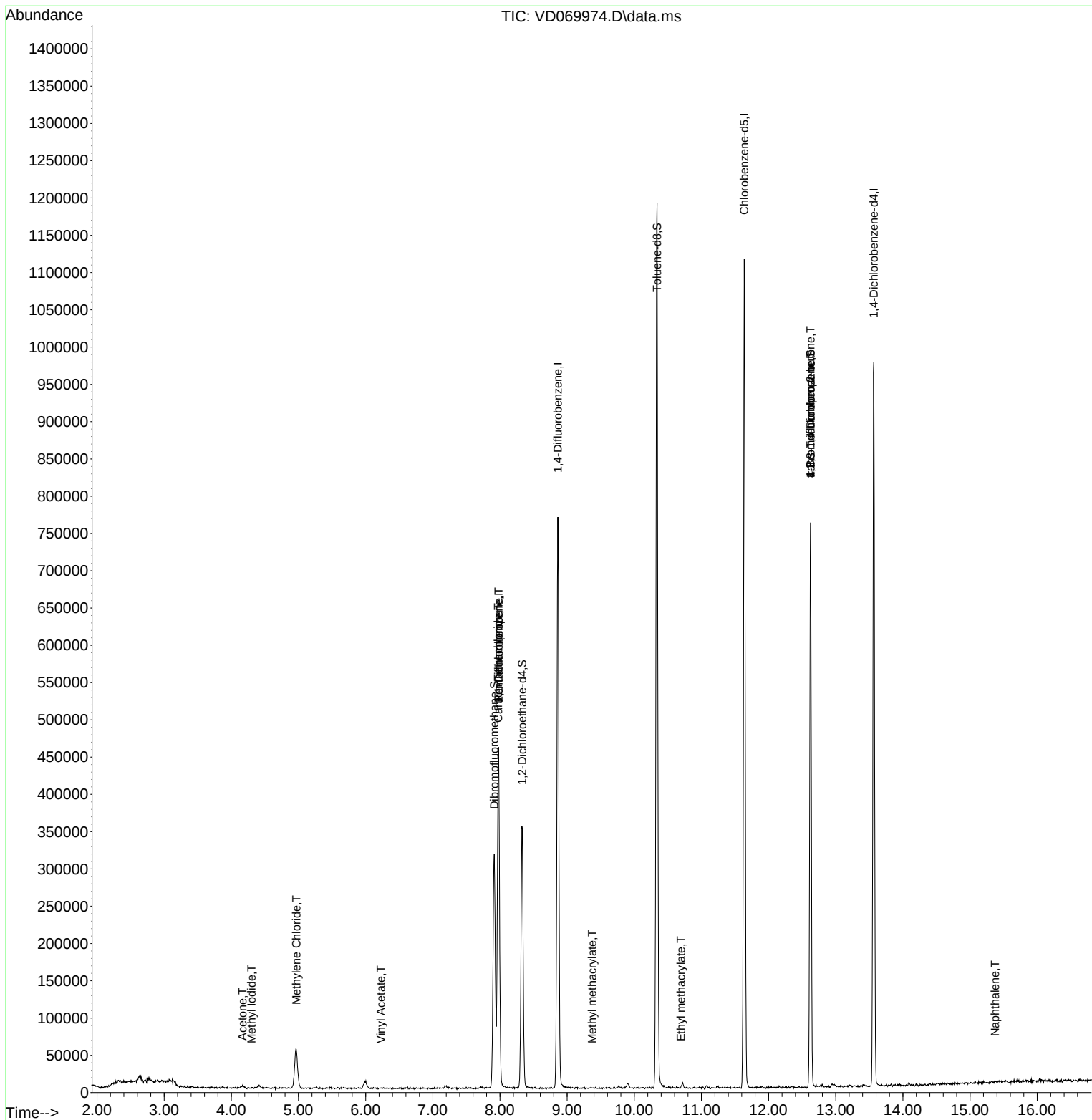
Quant Time: Aug 04 01:34:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

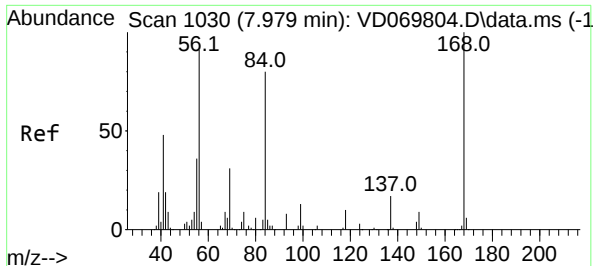
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	325866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	641233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	276798	73.857	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.720%			
35) Dibromofluoromethane	7.914	113	234271	57.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.420%			
50) Toluene-d8	10.338	98	827897	52.894	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.780%			
62) 4-Bromofluorobenzene	12.626	95	258845	49.483	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.960%			
Target Compounds			Qvalue			
5) Bromomethane	2.779	94	1963	Below Cal		84
10) Methyl Iodide	4.303	142	858	3.660 ug/l #		54
16) Acetone	4.167	43	4722	6.975 ug/l #		82
20) Methylene Chloride	4.967	84	42530	2.695 ug/l		95
23) Vinyl Acetate	6.226	43	79	20.360 ug/l #		71
36) 1,1-Dichloropropene	7.979	75	31229	4.494 ug/l #		49
38) Carbon Tetrachloride	7.973	117	35706	5.625 ug/l #		19
48) Methyl methacrylate	9.373	41	169	2.813 ug/l #		31
56) Ethyl methacrylate	10.697	69	65	3.909 ug/l #		55
76) 1,2,3-Trichloropropane	12.626	75	127443	45.127 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	127443	136.903 ug/l #		16
95) Naphthalene	15.373	128	346	5.034 ug/l #		69

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

Quant Time: Aug 04 01:34:01 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

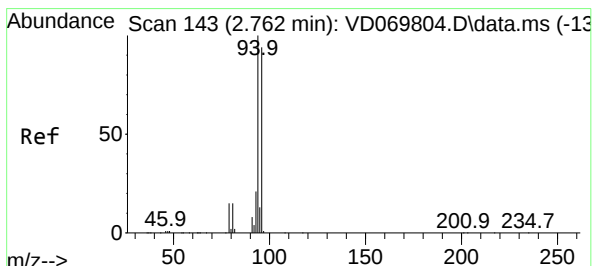
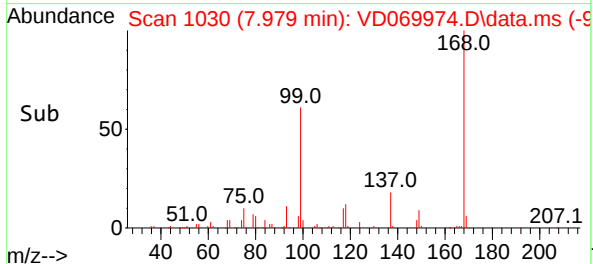
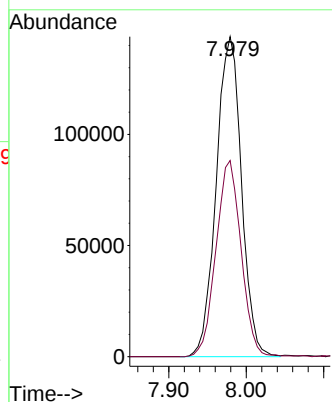
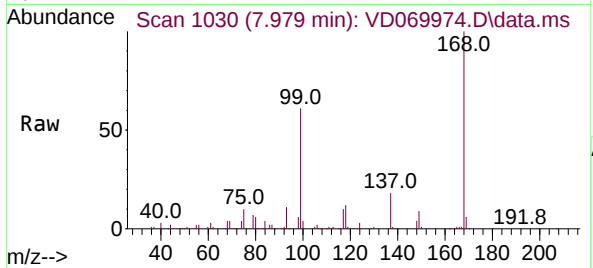




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

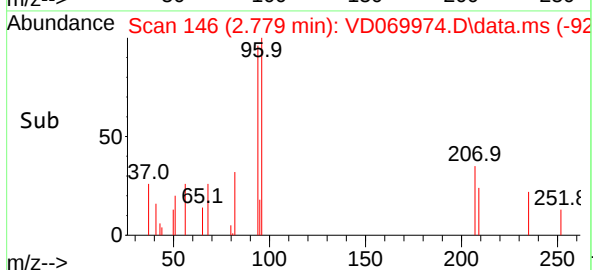
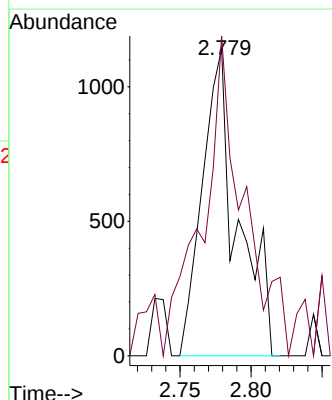
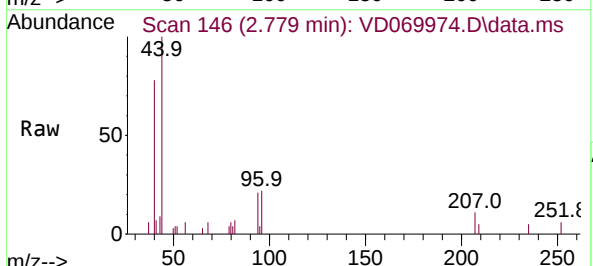
Instrument :
MSVOA_D
ClientSampled :

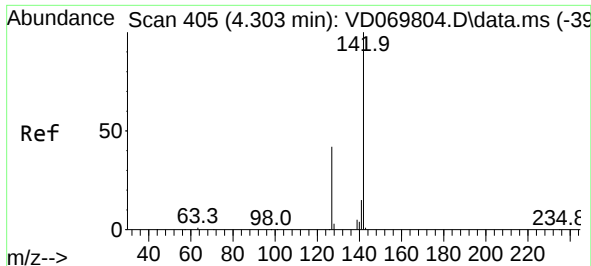
Tgt Ion:168 Resp: 325866
Ion Ratio Lower Upper
168 100
99 61.3 51.1 76.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion: 94 Resp: 1963
Ion Ratio Lower Upper
94 100
96 78.5 74.8 112.2

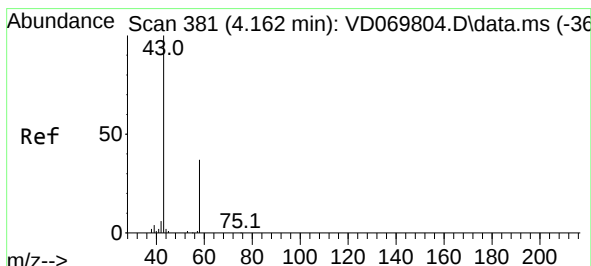
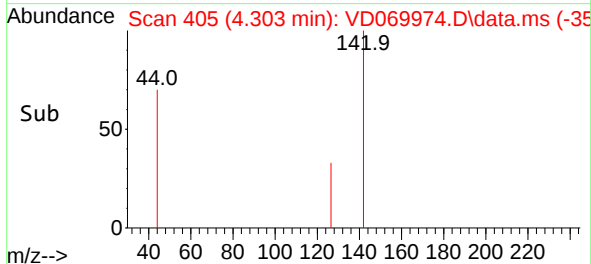
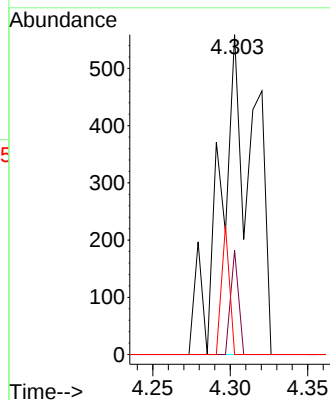
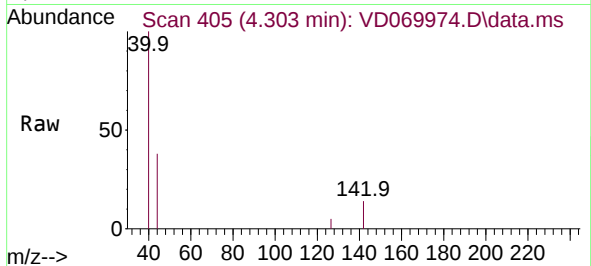




#10
Methyl Iodide
Concen: 3.660 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

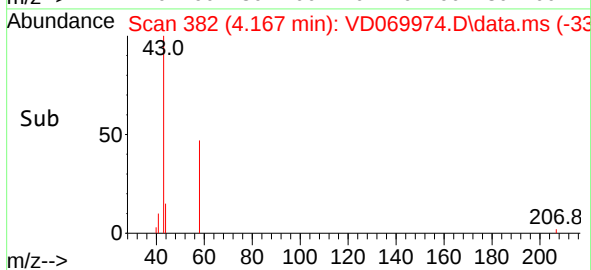
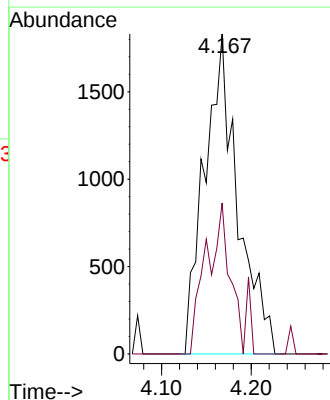
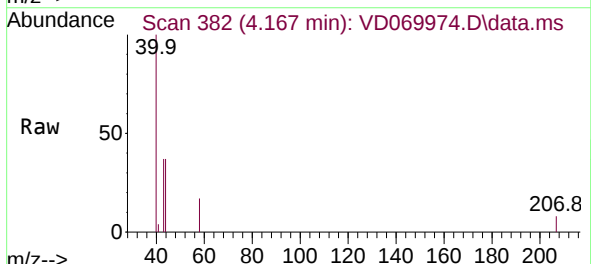
Instrument :
MSVOA_D
ClientSampled :

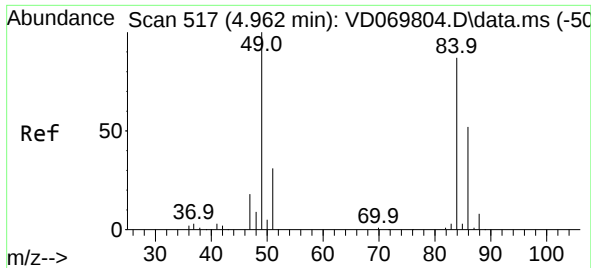
Tgt Ion:142 Resp: 858
Ion Ratio Lower Upper
142 100
127 7.5 35.7 53.5#
141 9.3 12.0 18.0#



#16
Acetone
Concen: 6.975 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

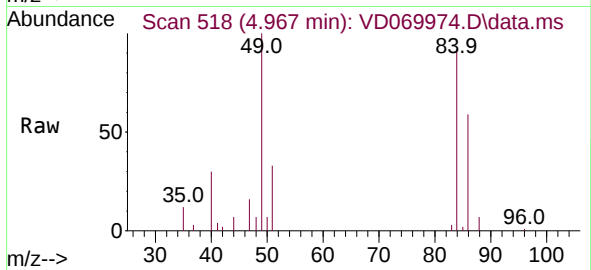
Tgt Ion: 43 Resp: 4722
Ion Ratio Lower Upper
43 100
58 47.1 29.4 44.0#



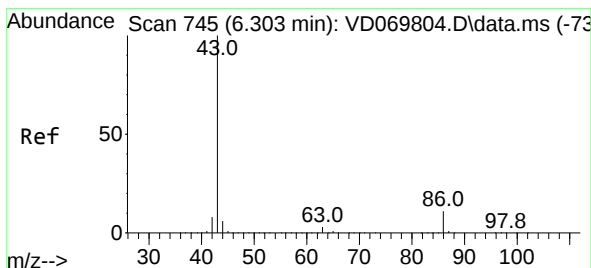
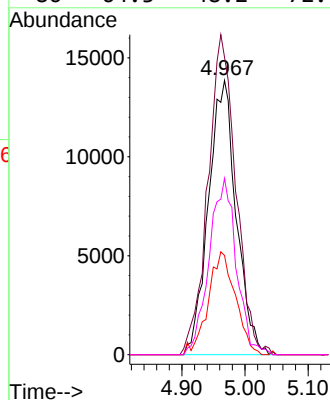
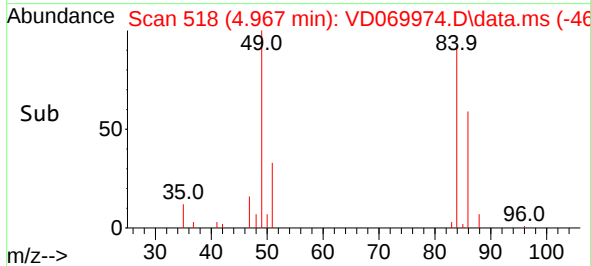


#20
Methylene Chloride
Concen: 2.695 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

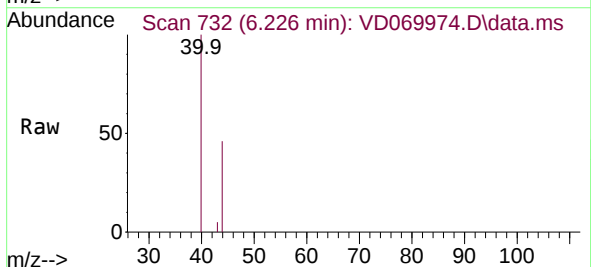
Instrument :
MSVOA_D
ClientSampleId :



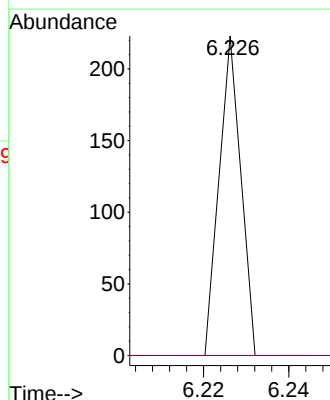
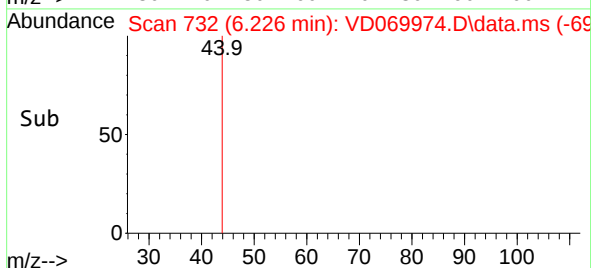
Tgt Ion:	84	Resp:	42530
Ion	Ratio	Lower	Upper
84	100		
49	108.4	92.4	138.6
51	36.2	28.5	42.7
86	64.3	48.2	72.4

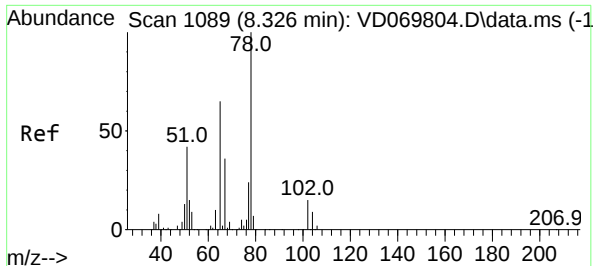


#23
Vinyl Acetate
Concen: 20.360 ug/l
RT: 6.226 min Scan# 732
Delta R.T. -0.077 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02



Tgt Ion:	43	Resp:	79
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#

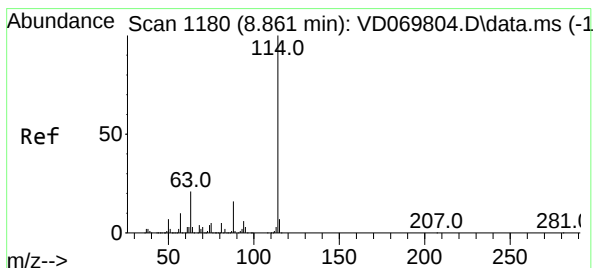
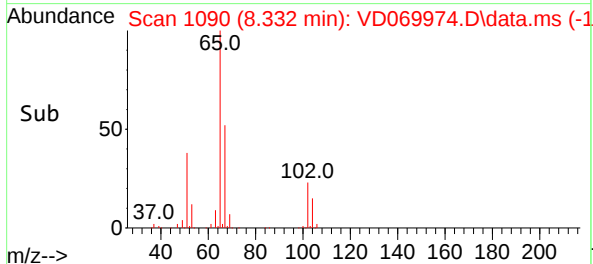
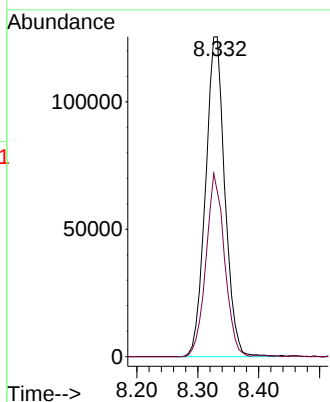
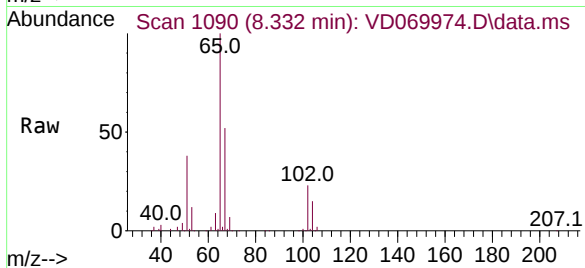




#33
1,2-Dichloroethane-d4
Concen: 73.857 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

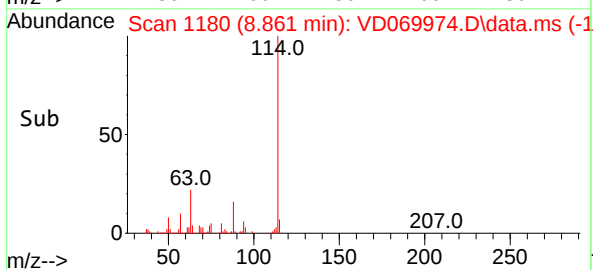
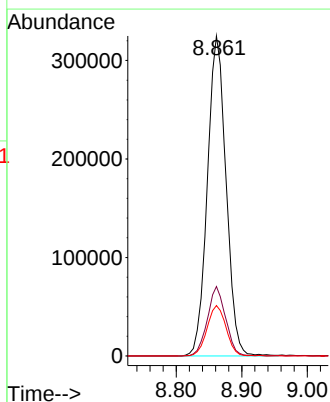
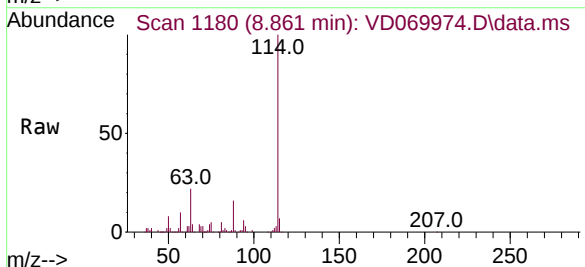
Instrument :
MSVOA_D
ClientSampled :

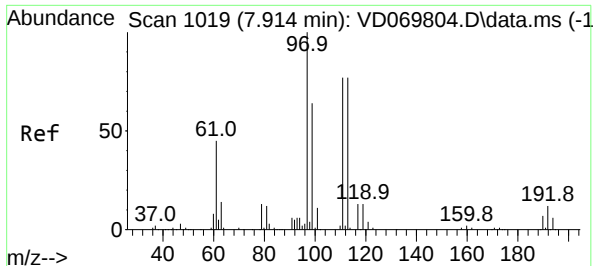
Tgt Ion: 65 Resp: 276798
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion: 114 Resp: 643910
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.6
88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.713 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069974.D

Acq: 03 Aug 2021 19:02

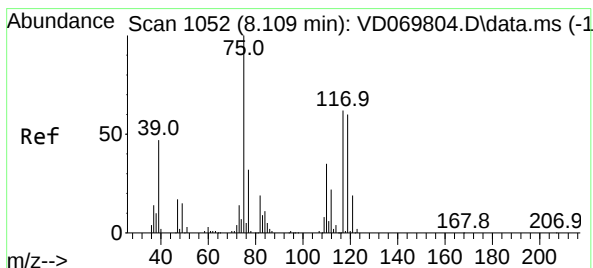
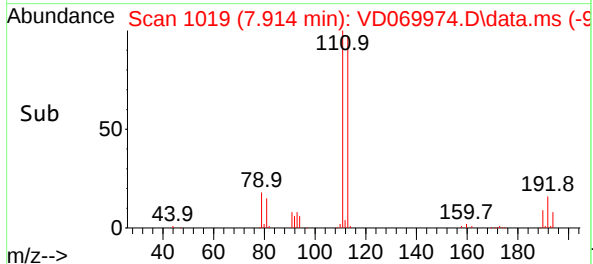
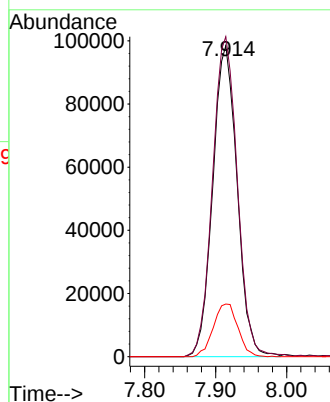
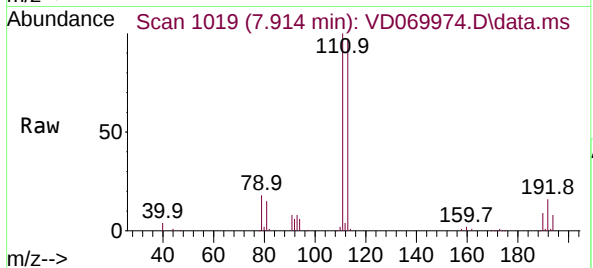
Tgt Ion:113 Resp: 234271

Ion Ratio Lower Upper

113 100

111 104.8 80.5 120.7

192 17.1 12.6 19.0



#36

1,1-Dichloropropene

Concen: 4.494 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD069974.D

Acq: 03 Aug 2021 19:02

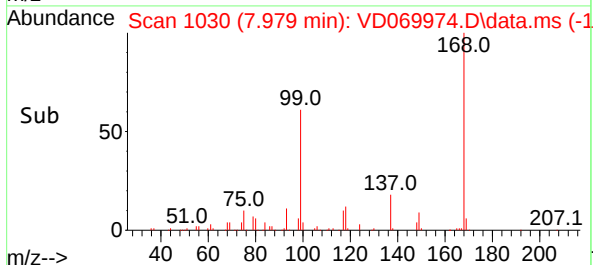
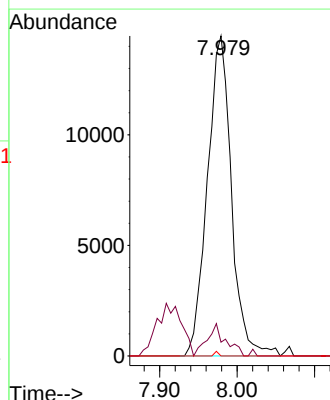
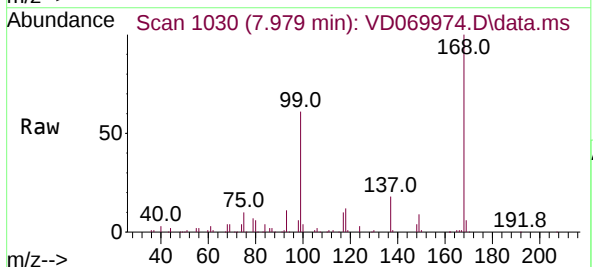
Tgt Ion: 75 Resp: 31229

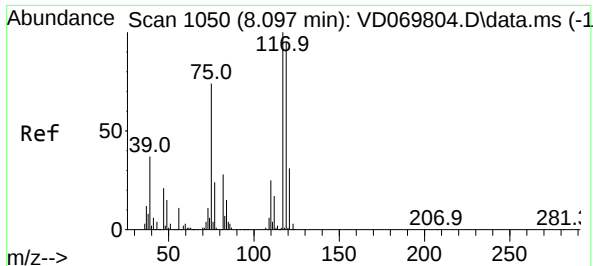
Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

77 0.2 24.9 37.3#

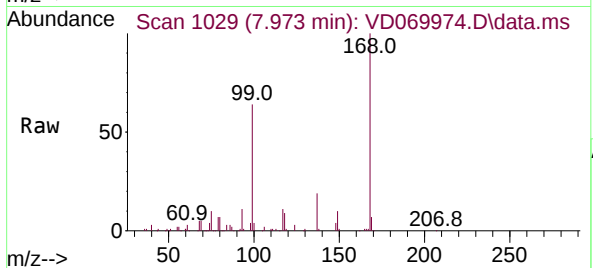




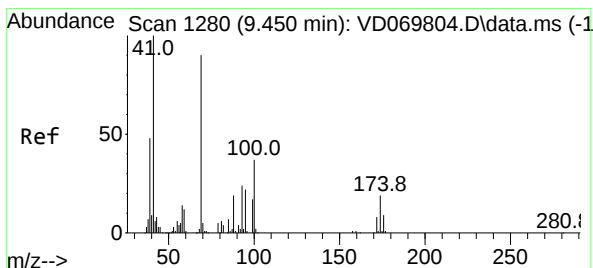
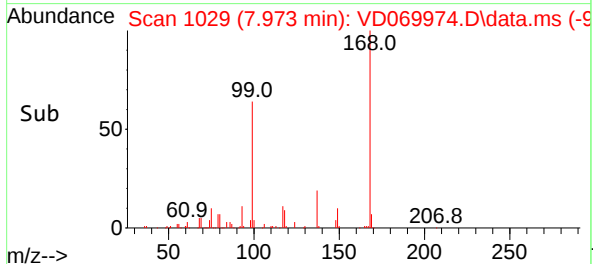
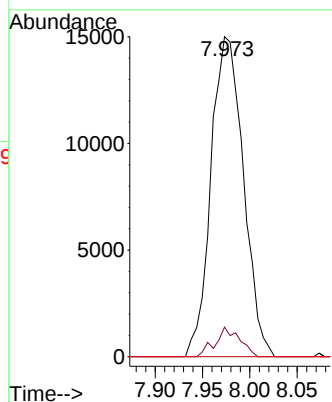
#38

Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Instrument :
MSVOA_D
ClientSampled :



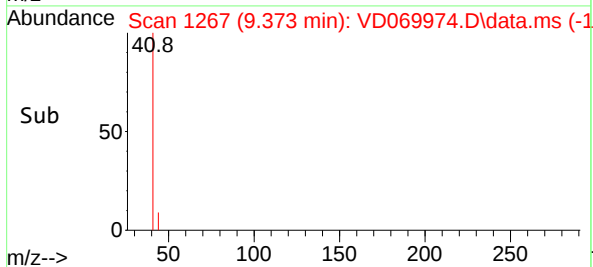
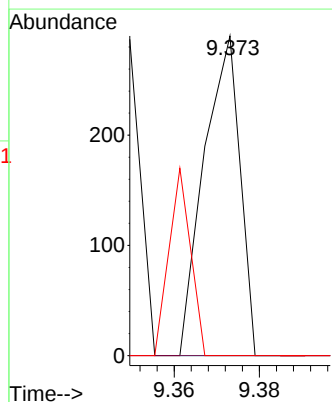
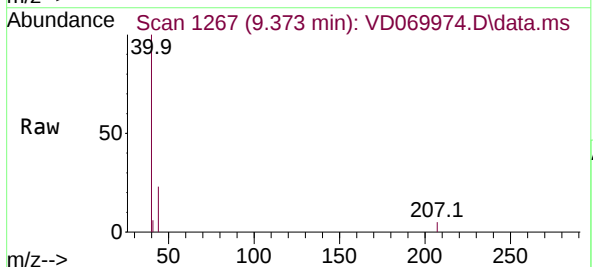
Tgt Ion:117 Resp: 35706
Ion Ratio Lower Upper
117 100
119 9.2 76.2 114.2#
121 0.0 24.5 36.7#

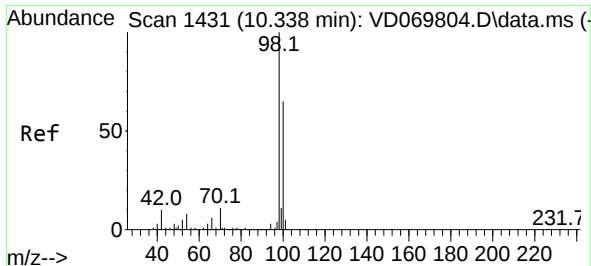


#48

Methyl methacrylate
Concen: 2.813 ug/l
RT: 9.373 min Scan# 1267
Delta R.T. -0.077 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion: 41 Resp: 169
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 35.5 36.6 55.0#

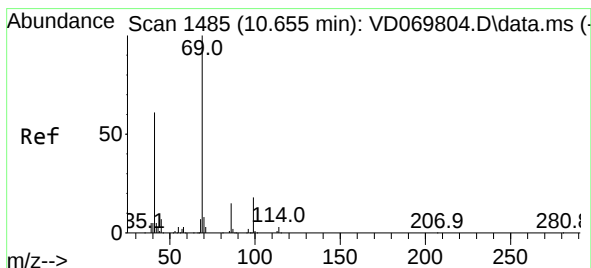
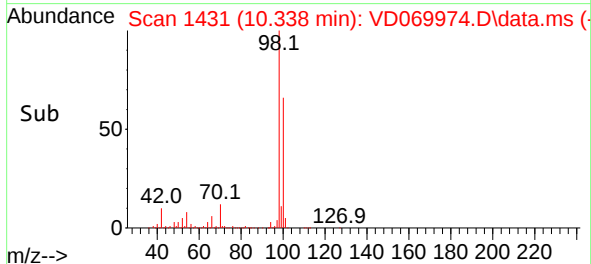
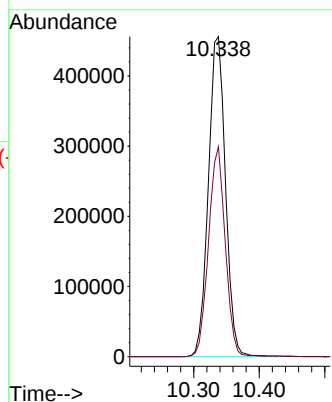
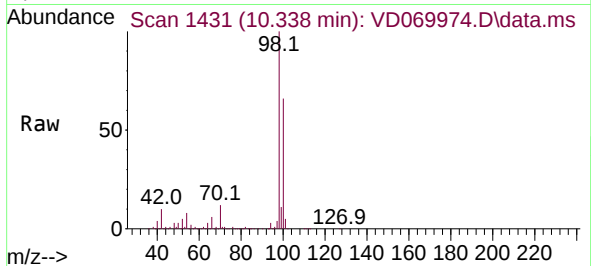




#50
Toluene-d8
Concen: 52.894 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

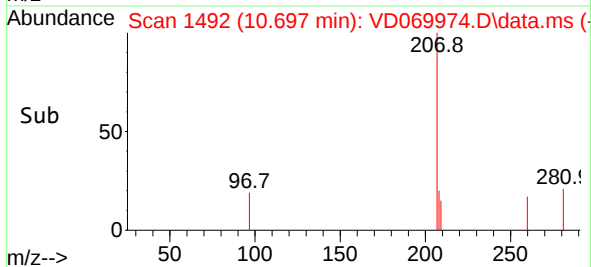
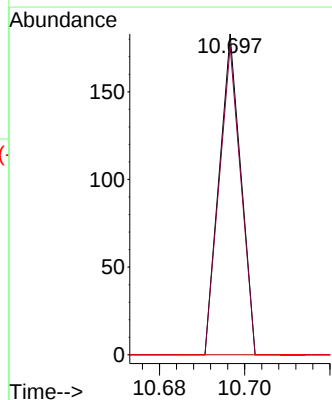
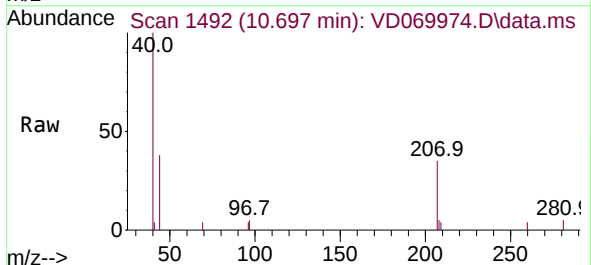
Instrument :
MSVOA_D
ClientSampled :

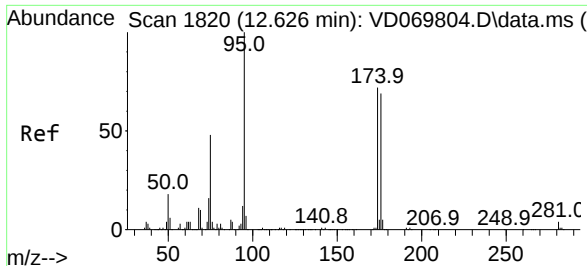
Tgt Ion: 98 Resp: 827897
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#56
Ethyl methacrylate
Concen: 3.909 ug/l
RT: 10.697 min Scan# 1492
Delta R.T. 0.042 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion: 69 Resp: 65
Ion Ratio Lower Upper
69 100
41 95.4 50.2 75.2#
39 0.0 22.0 33.0#

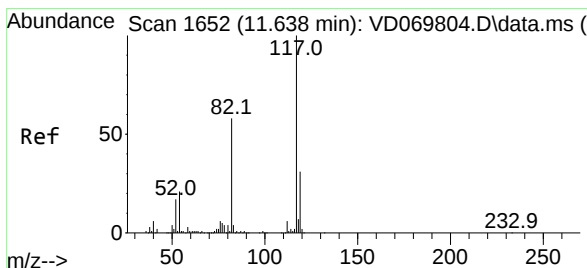
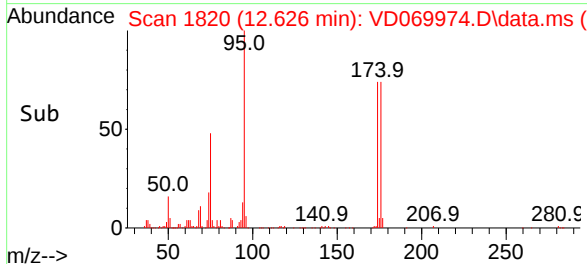
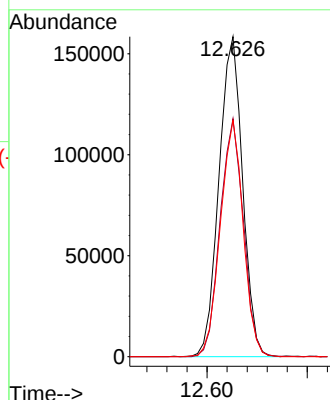
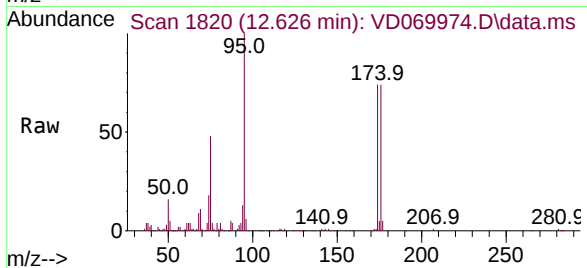




#62
4-Bromofluorobenzene
Concen: 49.483 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

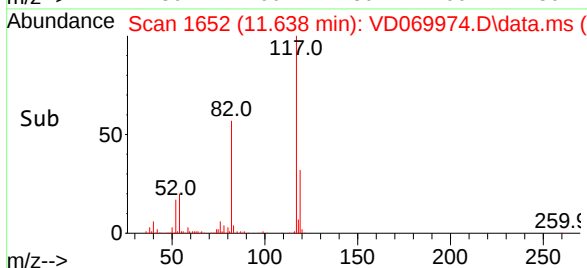
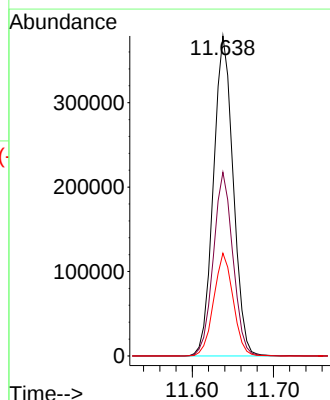
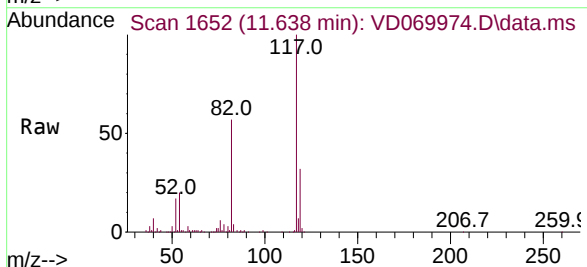
Instrument :
MSVOA_D
ClientSampleId :

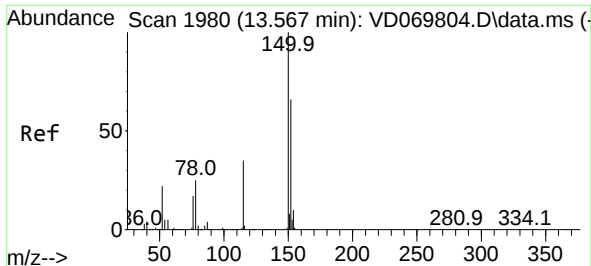
Tgt Ion:	95	Resp:	258845
Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	142.6
176	71.6	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion:	117	Resp:	641233
Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.3	69.5
119	32.1	24.7	37.1

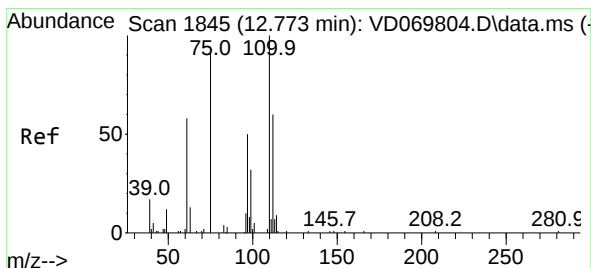
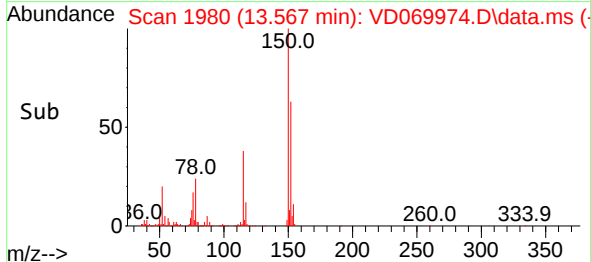
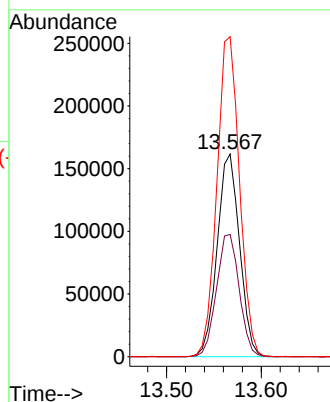
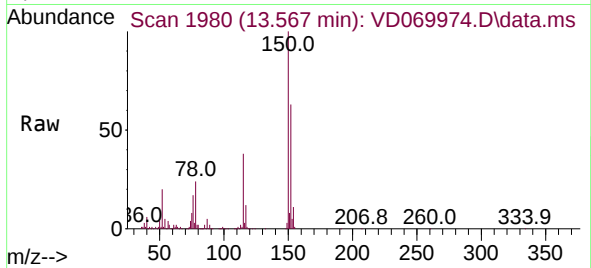




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069974.D
 Acq: 03 Aug 2021 19:02

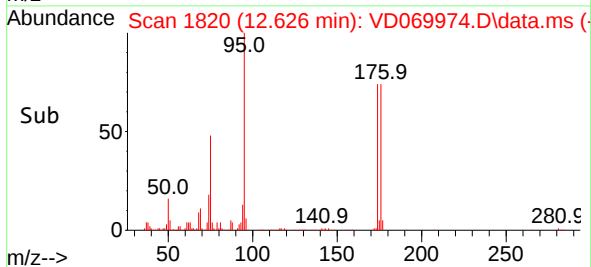
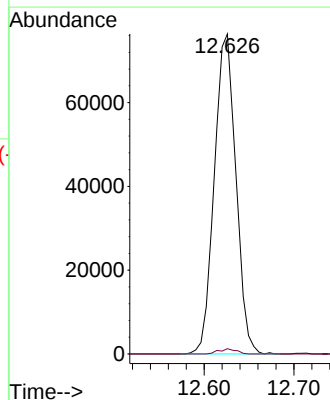
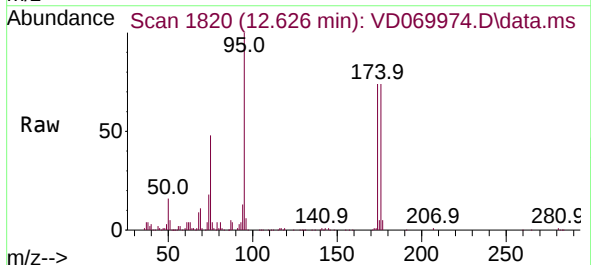
Instrument :
 MSVOA_D
 ClientSampled :

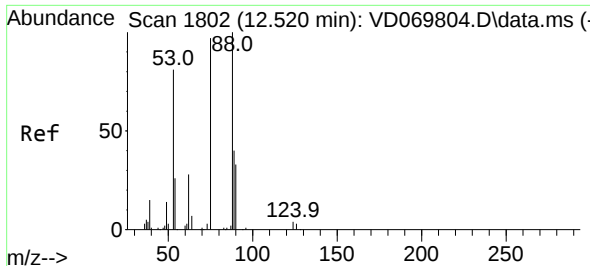
Tgt Ion:152 Resp: 265691
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.1 93.3
 150 159.2 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 45.127 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069974.D
 Acq: 03 Aug 2021 19:02

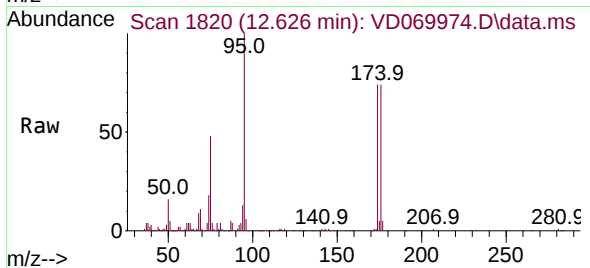
Tgt Ion: 75 Resp: 127443
 Ion Ratio Lower Upper
 75 100
 77 1.3 181.5 544.5#



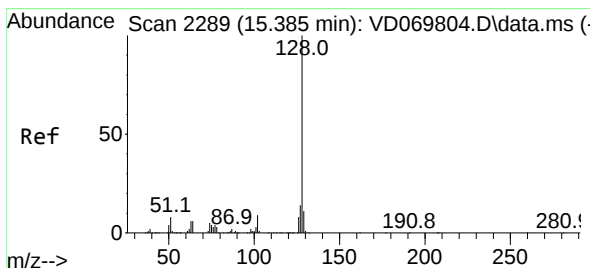
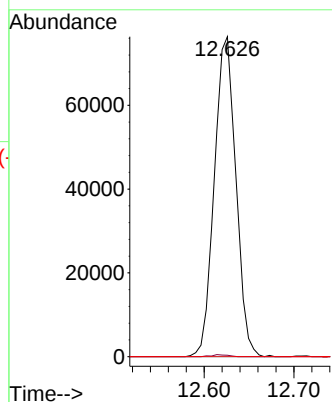
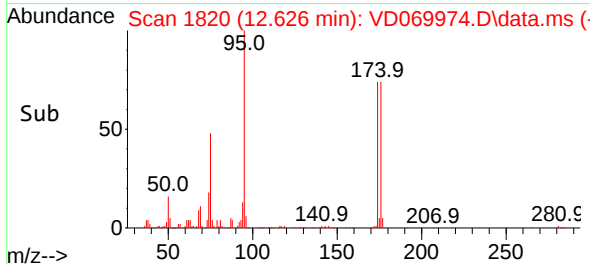


#81
trans-1,4-Dichloro-2-butene
Concen: 136.903 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

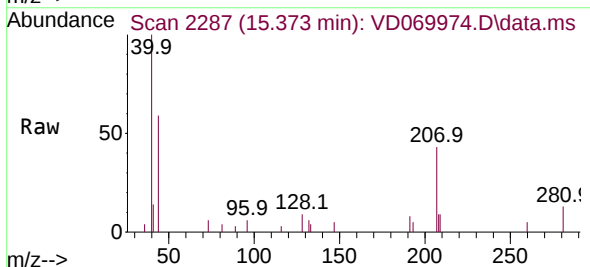
Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 75 Resp: 127443
Ion Ratio Lower Upper
75 100
53 0.5 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.034 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02



Tgt Ion: 128 Resp: 346
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

