

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD069995.D
 Acq On : 09 Aug 2021 14:28
 Operator : VA/SY
 Sample : VD0809SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 07:02:11 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)

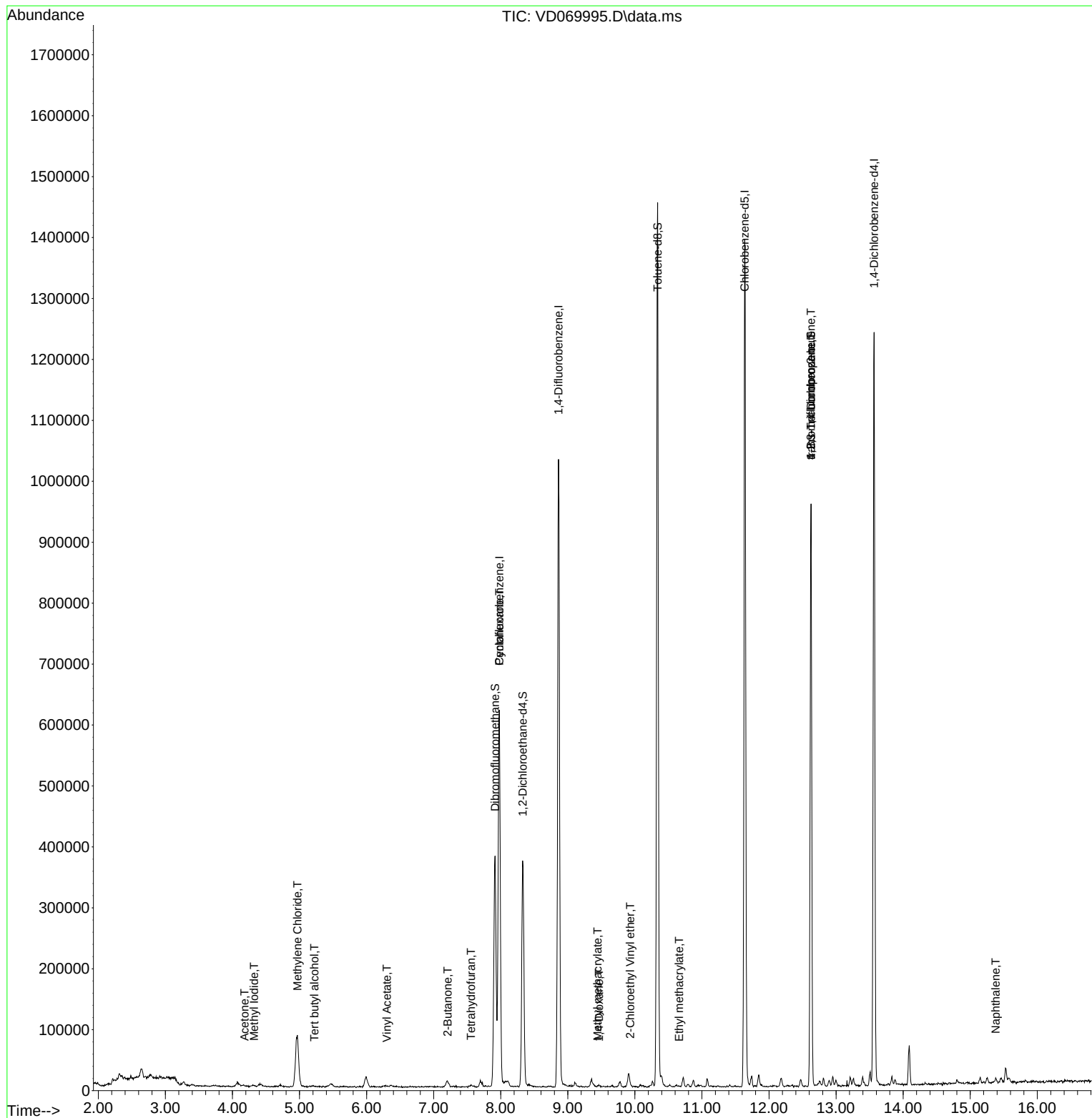
Internal Standards						
1) Pentafluorobenzene	7.979	168	429146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	870235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	814805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	290437	58.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.700%			
35) Dibromofluoromethane	7.914	113	277013	50.495	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.980%			
50) Toluene-d8	10.338	98	1001650	47.351	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.700%			
62) 4-Bromofluorobenzene	12.626	95	322227	45.579	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.160%			
Target Compounds					Qvalue	
5) Bromomethane	2.779	94	5933	Below Cal		84
10) Methyl Iodide	4.321	142	3806	4.127 ug/l		98
11) Tert butyl alcohol	5.220	59	750	2.937 ug/l #		73
16) Acetone	4.179	43	4441	4.981 ug/l #		59
20) Methylene Chloride	4.968	84	68712	4.947 ug/l		88
23) Vinyl Acetate	6.303	43	1624	20.523 ug/l #		71
25) 2-Butanone	7.209	43	1215	1.005 ug/l #		62
29) Tetrahydrofuran	7.556	42	988	1.263 ug/l #		86
31) Cyclohexane	7.979	56	13283	1.377 ug/l #		31
48) Methyl methacrylate	9.444	41	840	2.990 ug/l #		48
49) 1,4-Dioxane	9.467	88	110	2.964 ug/l #		1
56) Ethyl methacrylate	10.661	69	498	3.971 ug/l #		79
58) 2-Chloroethyl Vinyl ether	9.932	63	980	21.203 ug/l #		67
76) 1,2,3-Trichloropropane	12.626	75	158672	45.218 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	158672	137.180 ug/l #		16
95) Naphthalene	15.379	128	7104	5.591 ug/l #		95

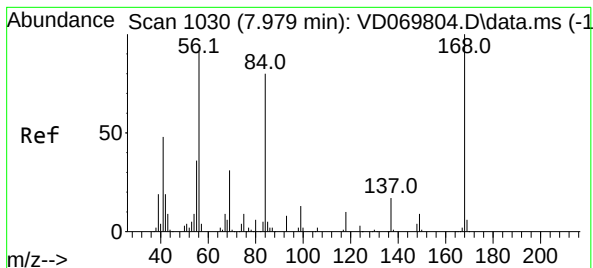
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069995.D
Acq On : 09 Aug 2021 14:28
Operator : VA/SY
Sample : VD0809SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 10 07:02:11 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

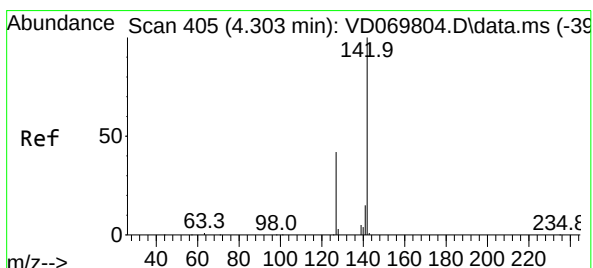
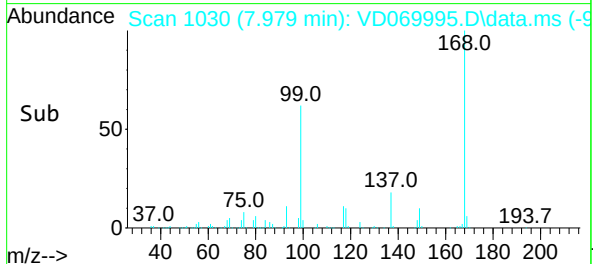
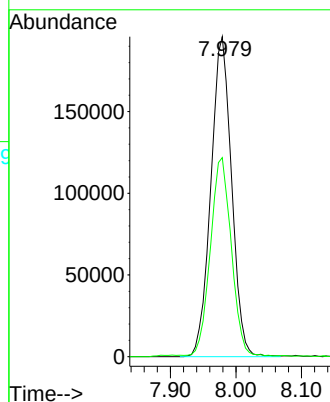
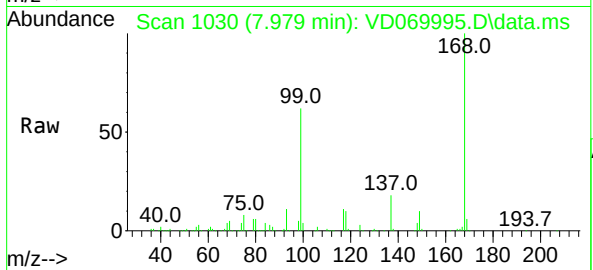




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

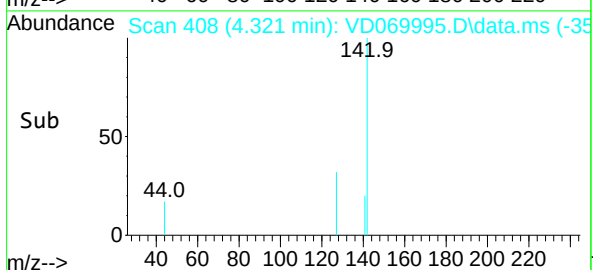
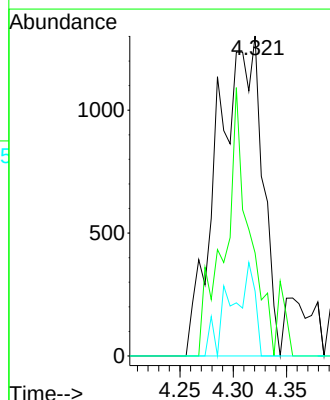
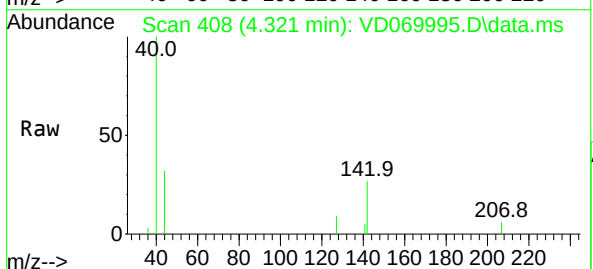
Instrument :
MSVOA_D
ClientSampled :

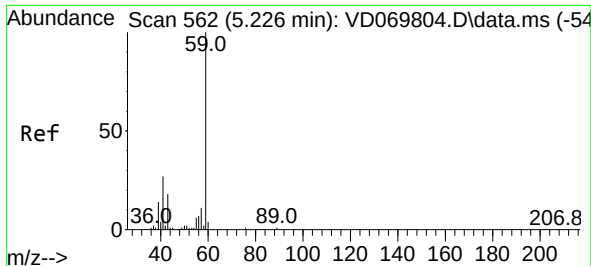
Tgt Ion:168 Resp: 429146
Ion Ratio Lower Upper
168 100
99 61.9 51.1 76.7



#10
Methyl Iodide
Concen: 4.127 ug/l
RT: 4.321 min Scan# 408
Delta R.T. 0.018 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Tgt Ion:142 Resp: 3806
Ion Ratio Lower Upper
142 100
127 46.3 35.7 53.5
141 15.8 12.0 18.0

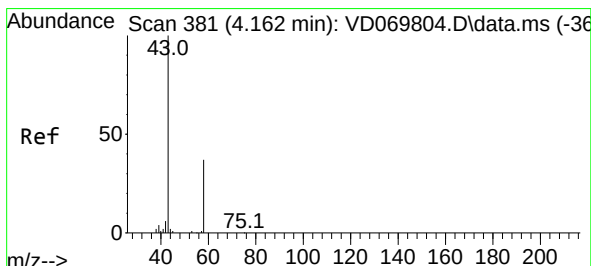
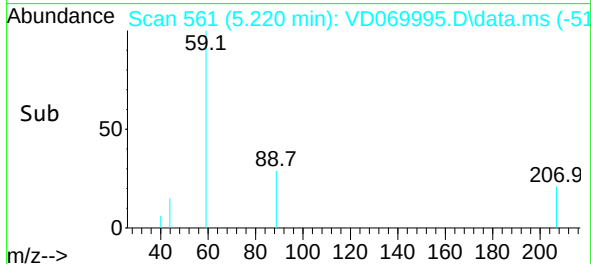
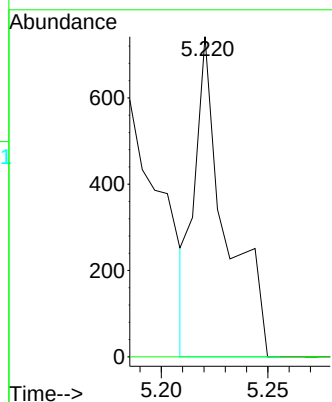
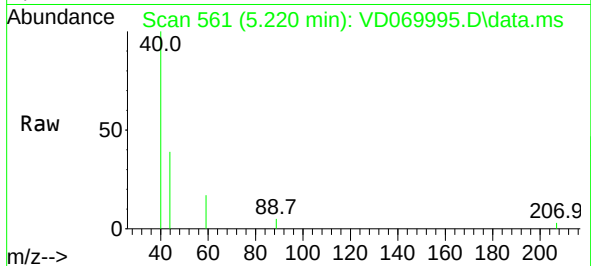




#11
Tert butyl alcohol
Concen: 2.937 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

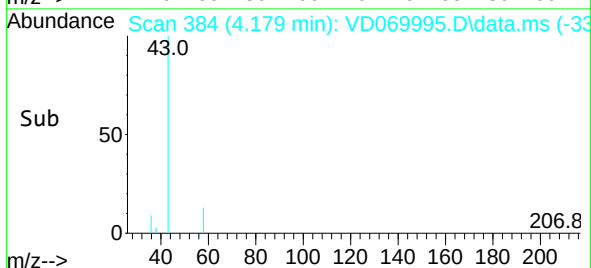
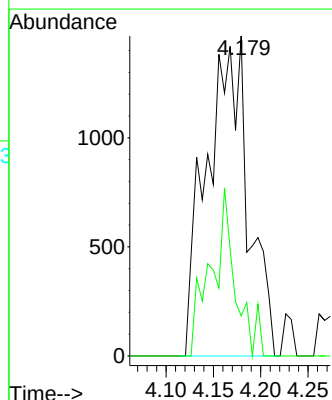
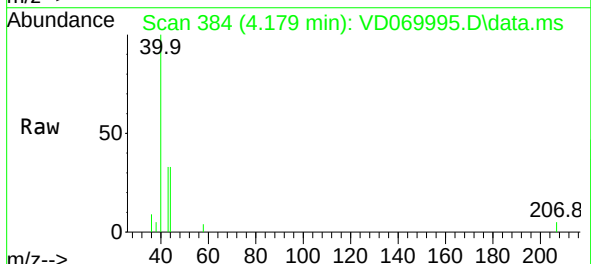
Instrument :
MSVOA_D
ClientSampleId :

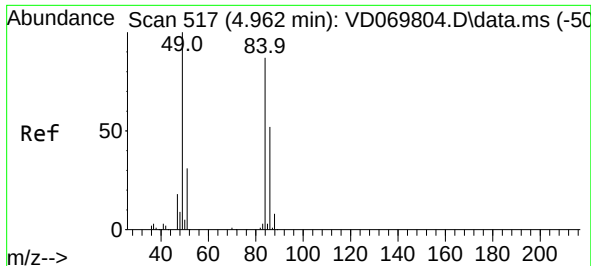
Tgt Ion: 59 Resp: 750
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 4.981 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

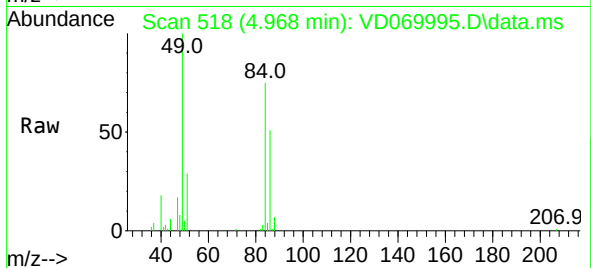
Tgt Ion: 43 Resp: 4441
Ion Ratio Lower Upper
43 100
58 12.5 29.4 44.0#



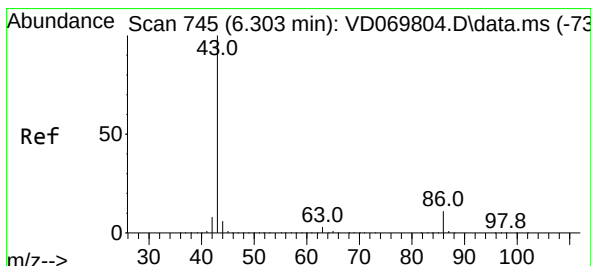
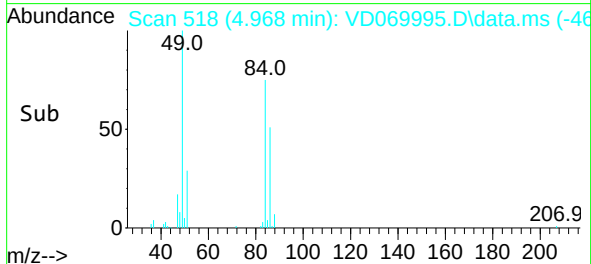
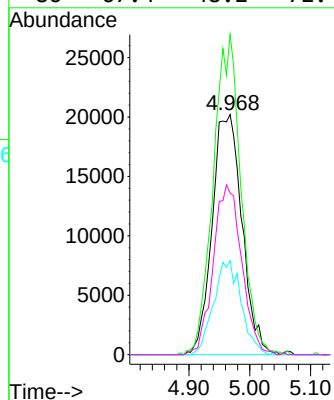


#20
Methylene Chloride
Concen: 4.947 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :

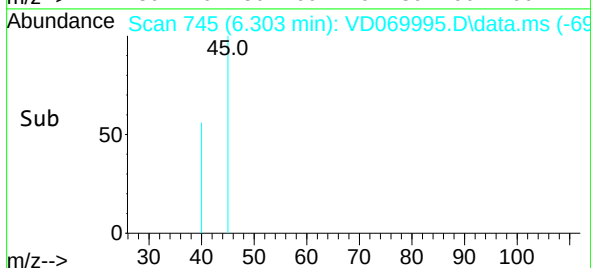
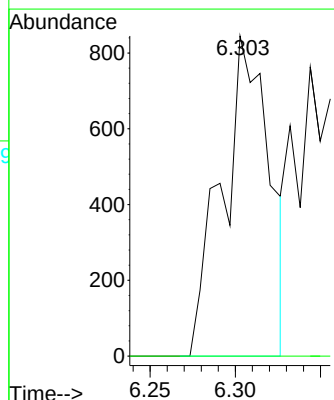
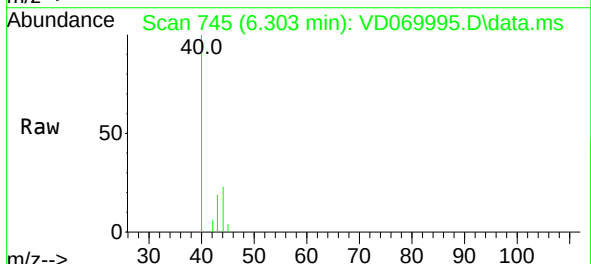


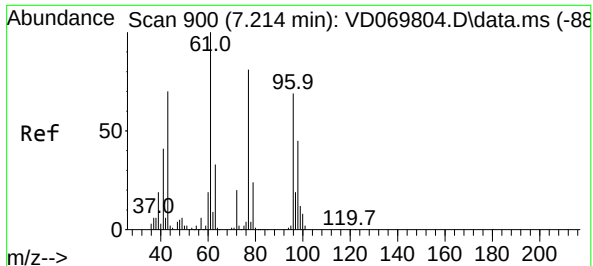
Tgt Ion:	84	Resp:	68712
Ion	Ratio	Lower	Upper
84	100		
49	132.5	92.4	138.6
51	39.1	28.5	42.7
86	67.4	48.2	72.4



#23
Vinyl Acetate
Concen: 20.523 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Tgt Ion:	43	Resp:	1624
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#

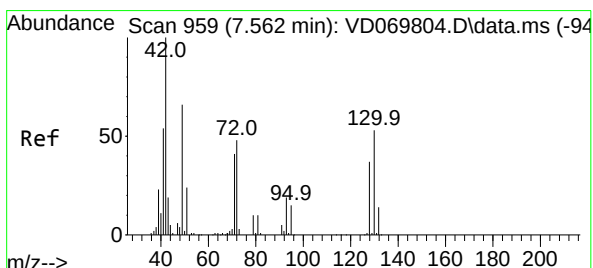
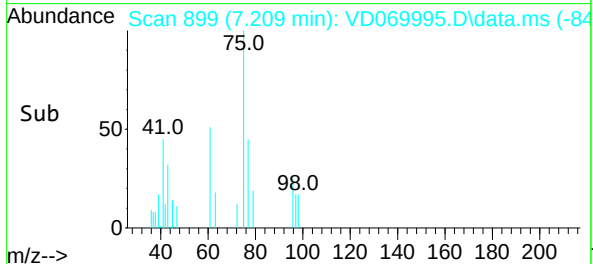
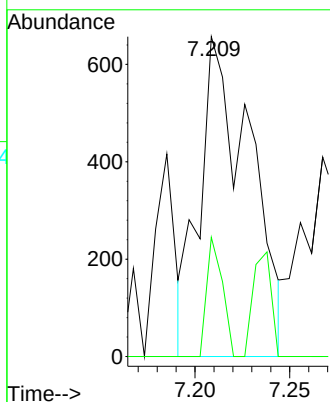
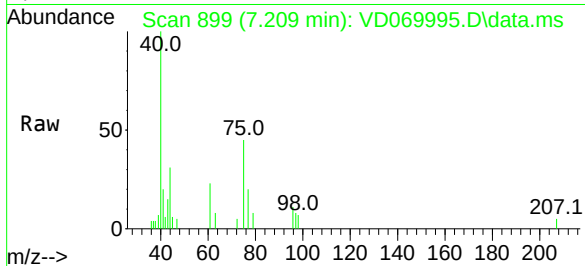




#25
2-Butanone
Concen: 1.005 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

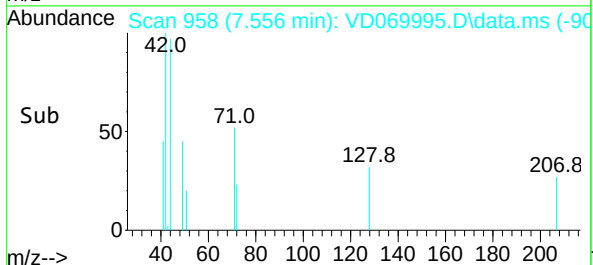
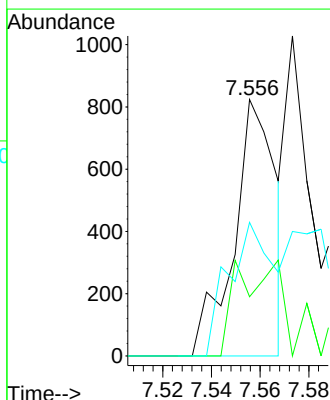
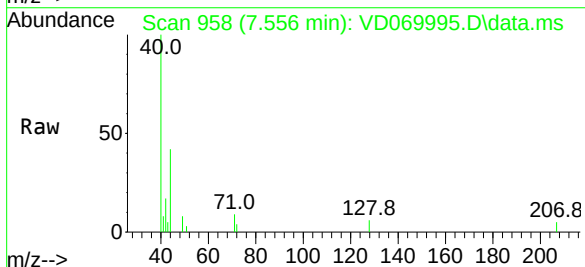
Instrument :
MSVOA_D
ClientSampled :

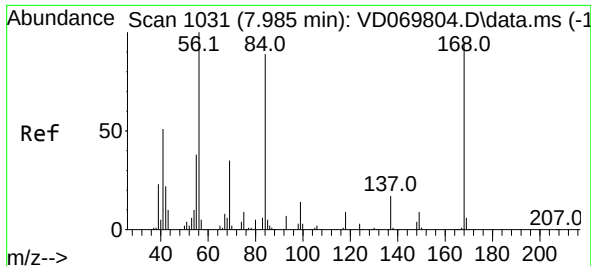
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
72 48.9 22.8 34.2#



#29
Tetrahydrofuran
Concen: 1.263 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

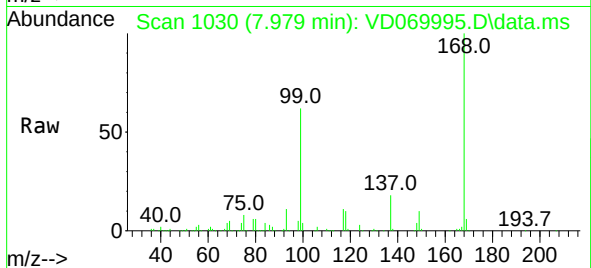
Tgt Ion: 42 Resp: 988
Ion Ratio Lower Upper
42 100
72 50.0 36.5 54.7
71 55.6 33.5 50.3#



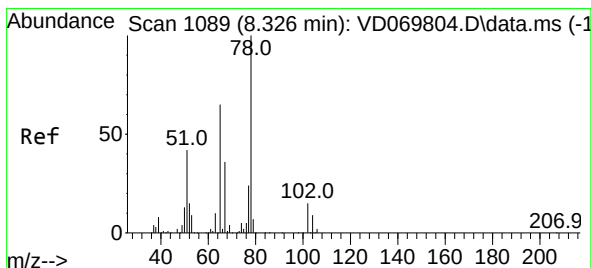
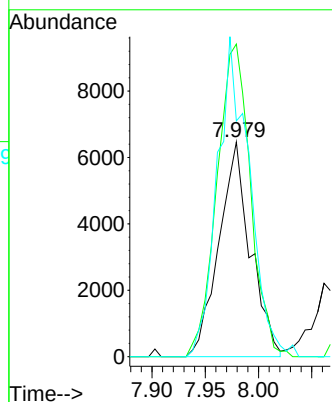
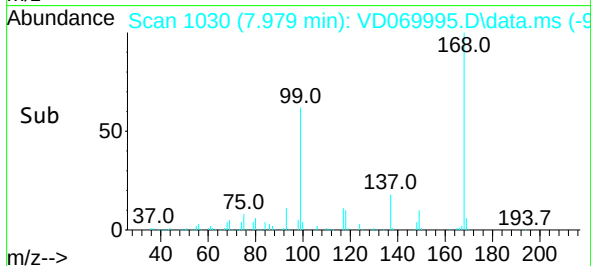


#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

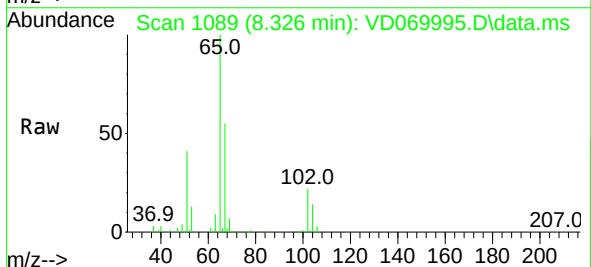
Instrument :
MSVOA_D
ClientSampleId :



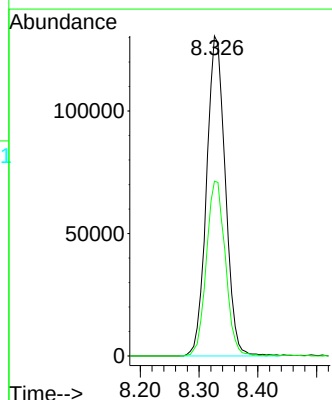
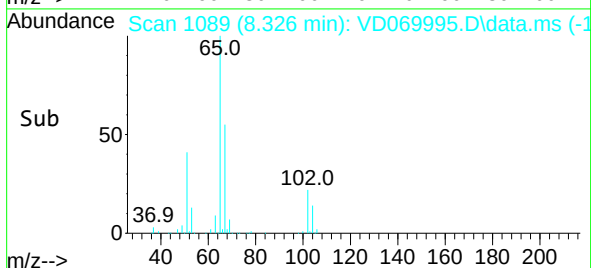
Tgt Ion: 56 Resp: 13283
Ion Ratio Lower Upper
56 100
69 145.5 27.9 41.9#
84 109.7 71.4 107.2#

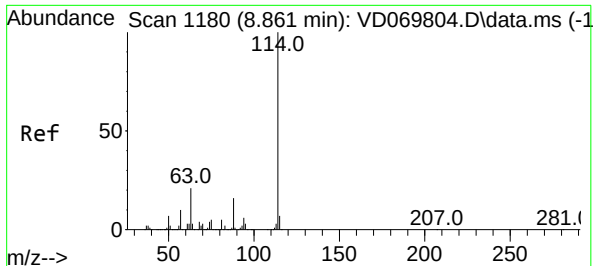


#33
1,2-Dichloroethane-d4
Concen: 58.846 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28



Tgt Ion: 65 Resp: 290437
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2

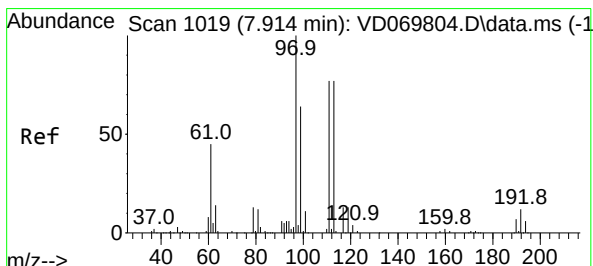
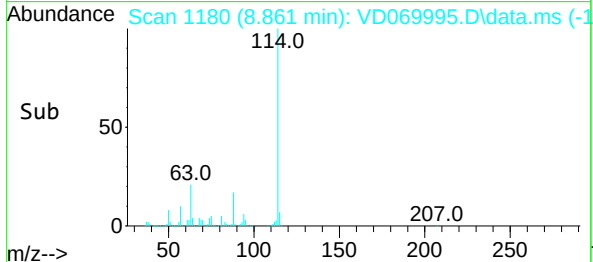
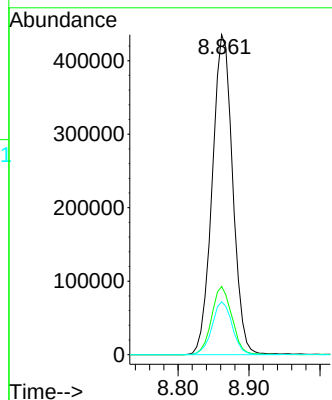
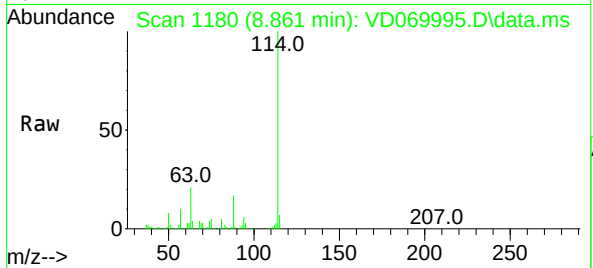




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

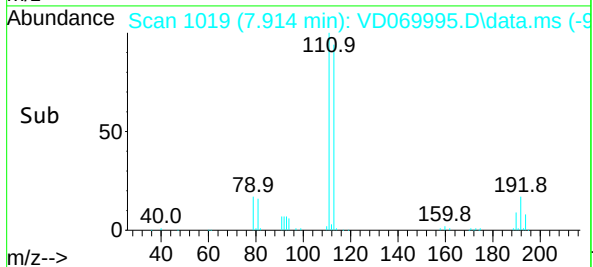
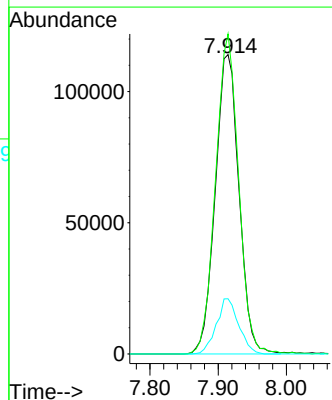
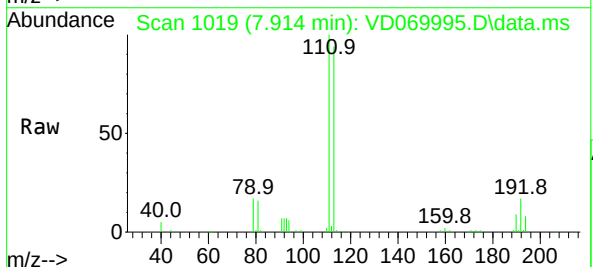
Instrument :
MSVOA_D
ClientSampled :

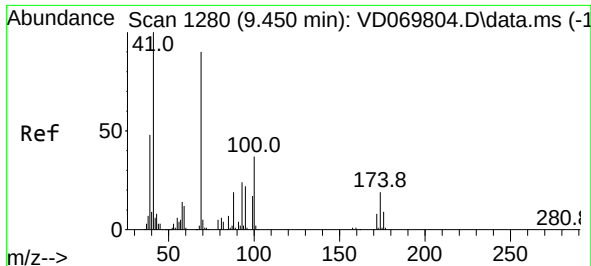
Tgt Ion:	114	Resp:	870235
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	41.6
88	16.6	0.0	31.4



#35
Dibromofluoromethane
Concen: 50.495 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Tgt Ion:	113	Resp:	277013
Ion Ratio	Lower	Upper	
113	100		
111	103.3	80.5	120.7
192	17.3	12.6	19.0





#48

Methyl methacrylate

Concen: 2.990 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD069995.D

Acq: 09 Aug 2021 14:28

Tgt Ion: 41 Resp: 840

Ion Ratio Lower Upper

41 100

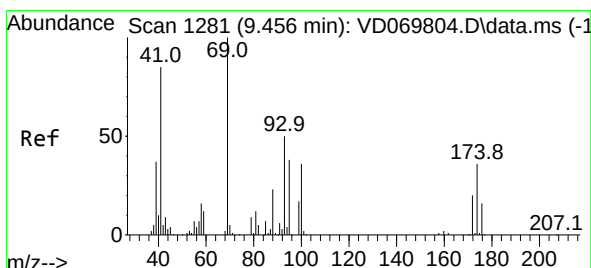
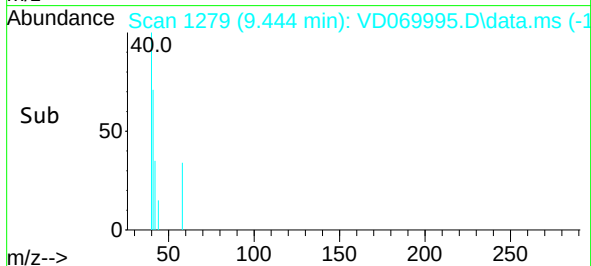
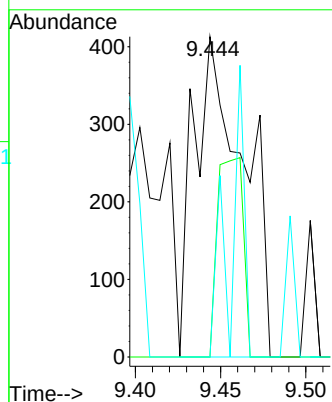
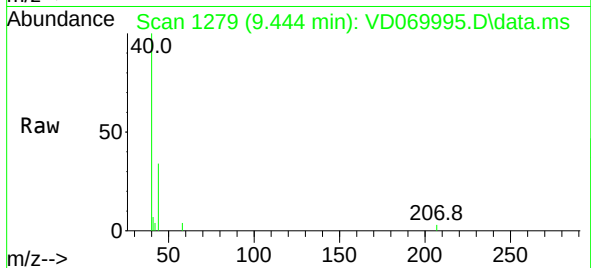
69 31.8 73.4 110.2#

39 25.6 36.6 55.0#

Instrument :

MSVOA_D

ClientSampled :



#49

1,4-Dioxane

Concen: 2.964 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.012 min

Lab File: VD069995.D

Acq: 09 Aug 2021 14:28

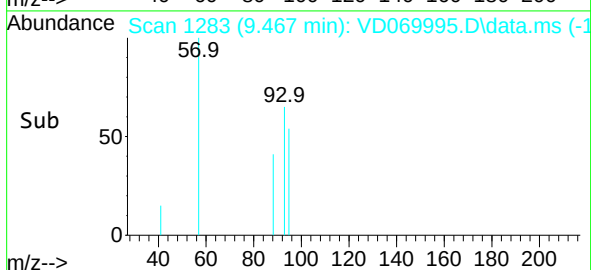
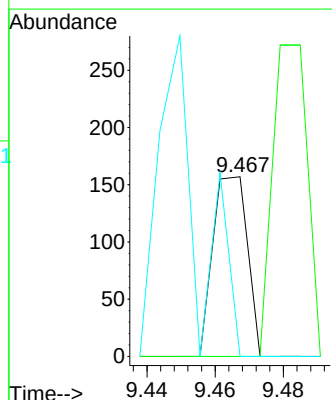
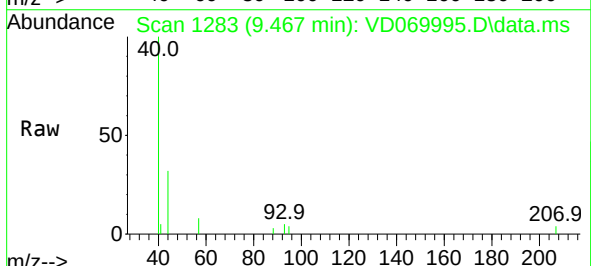
Tgt Ion: 88 Resp: 110

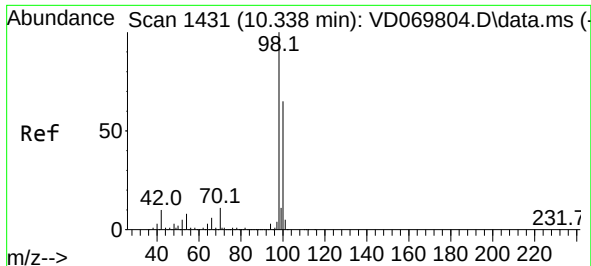
Ion Ratio Lower Upper

88 100

43 174.5 26.8 40.2#

58 0.0 59.8 89.6#

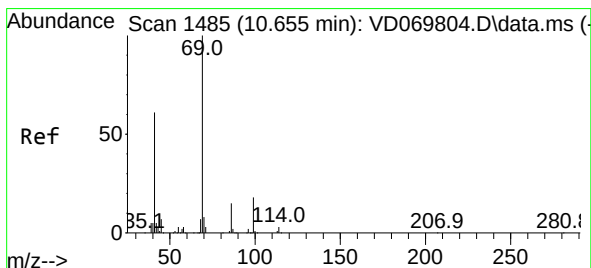
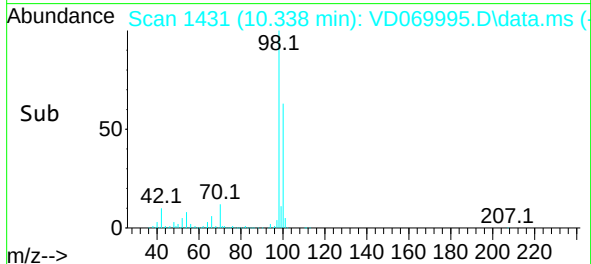
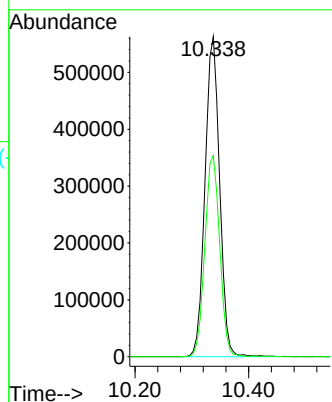
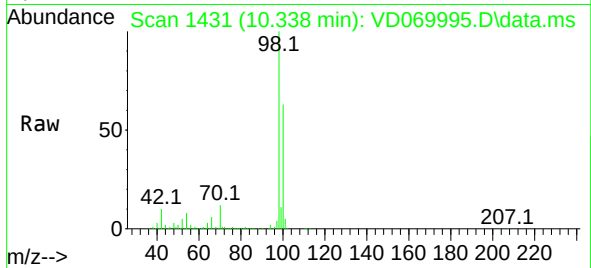




#50
Toluene-d8
Concen: 47.351 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

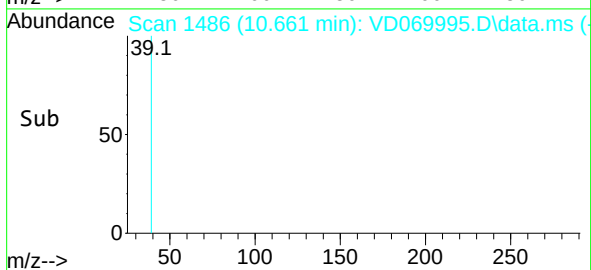
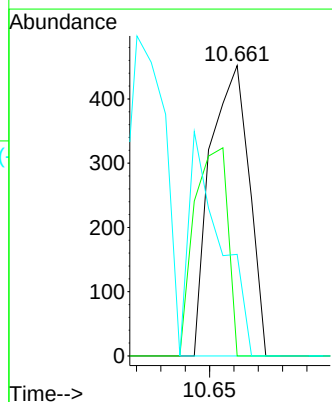
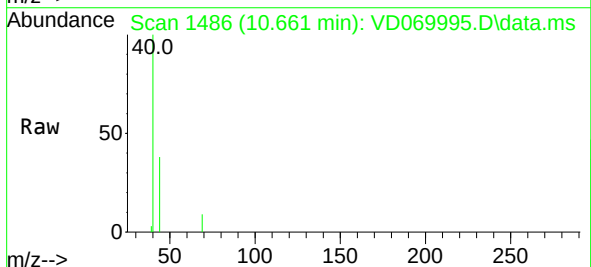
Instrument :
MSVOA_D
ClientSampleId :

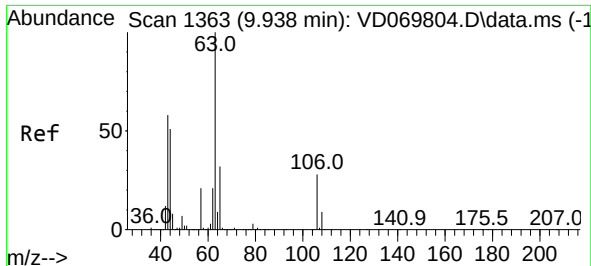
Tgt Ion: 98 Resp: 1001650
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#56
Ethyl methacrylate
Concen: 3.971 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

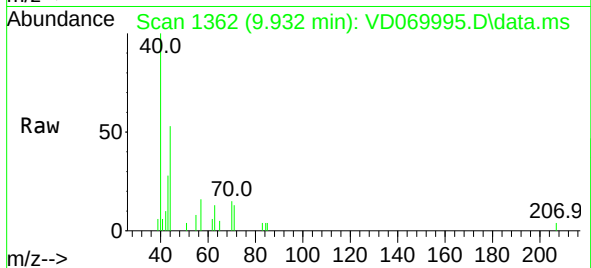
Tgt Ion: 69 Resp: 498
Ion Ratio Lower Upper
69 100
41 62.0 50.2 75.2
39 63.3 22.0 33.0#



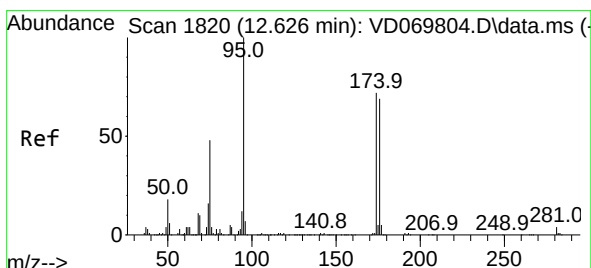
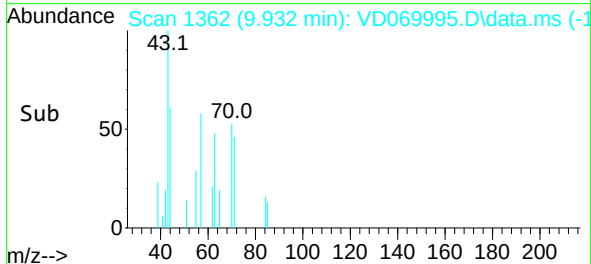
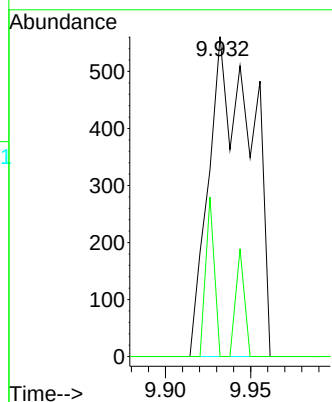


#58
2-Chloroethyl Vinyl ether
Concen: 21.203 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Instrument :
MSVOA_D
ClientSampled :

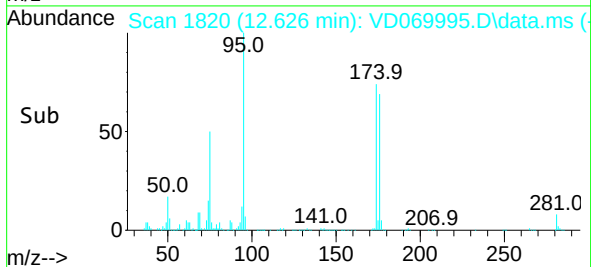
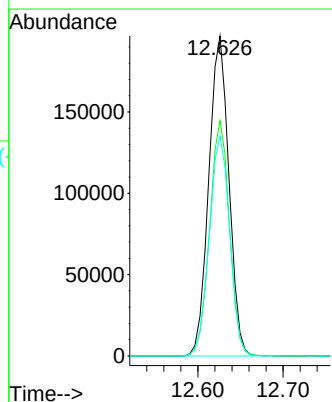
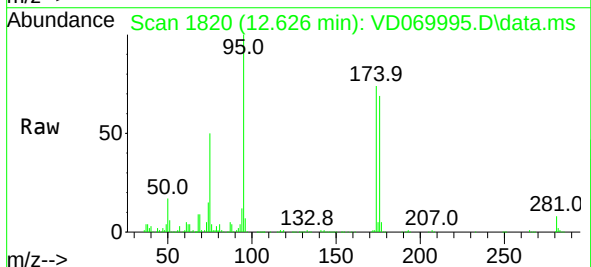


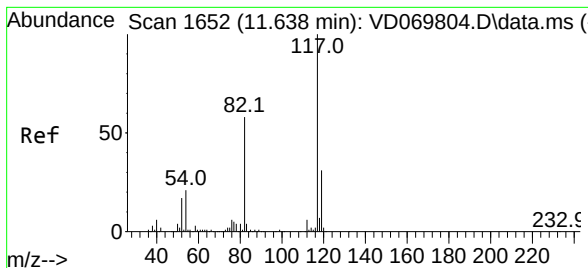
Tgt Ion: 63 Resp: 980
Ion Ratio Lower Upper
63 100
106 10.1 21.8 32.6#



#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Tgt Ion: 95 Resp: 322227
Ion Ratio Lower Upper
95 100
174 72.5 0.0 142.6
176 69.4 0.0 134.2

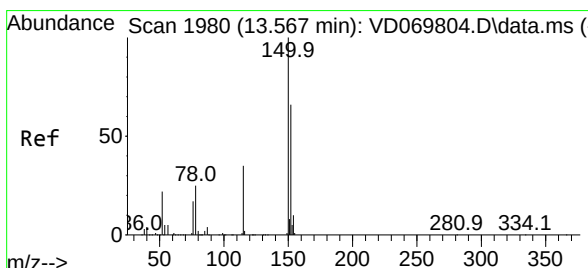
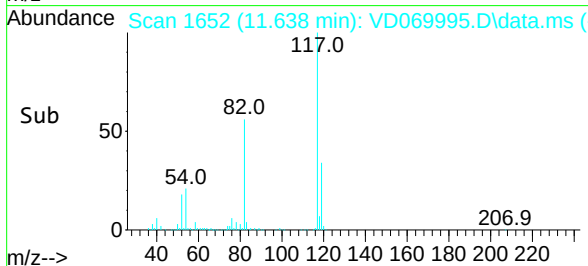
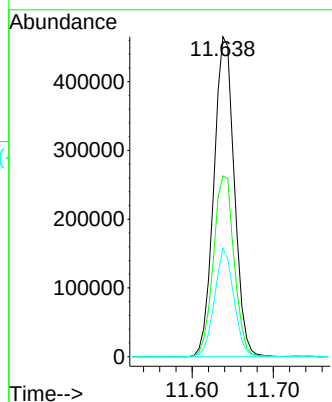
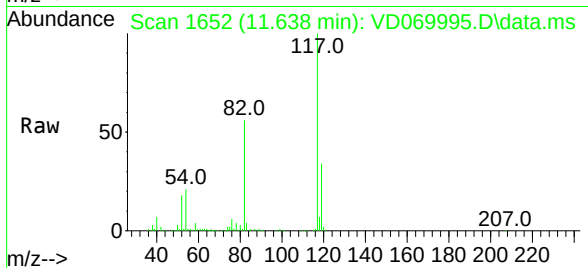




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

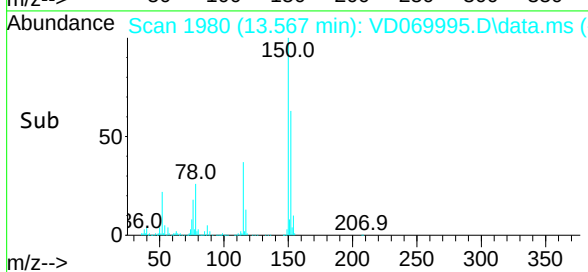
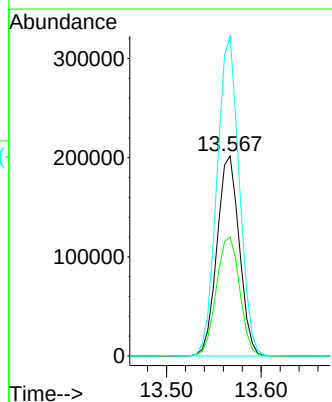
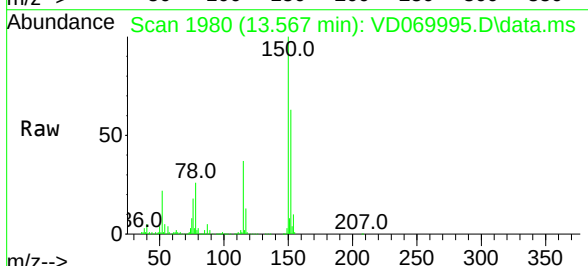
Instrument :
MSVOA_D
ClientSampleId :

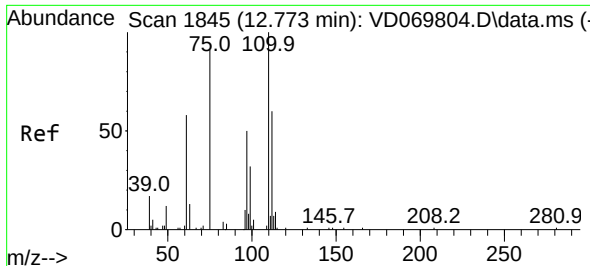
Tgt Ion:117 Resp: 814805
Ion Ratio Lower Upper
117 100
82 56.5 46.3 69.5
119 33.9 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Tgt Ion:152 Resp: 330129
Ion Ratio Lower Upper
152 100
115 62.3 31.1 93.3
150 159.8 0.0 343.0

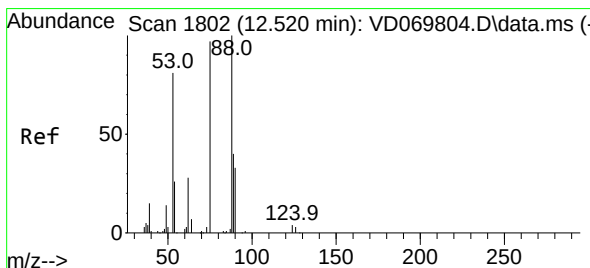
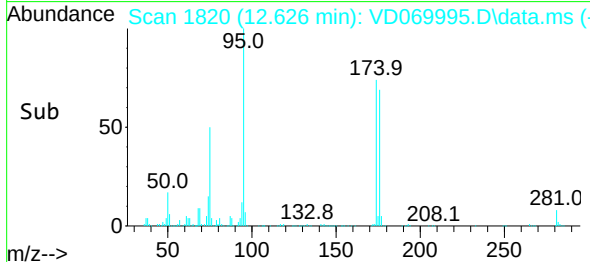
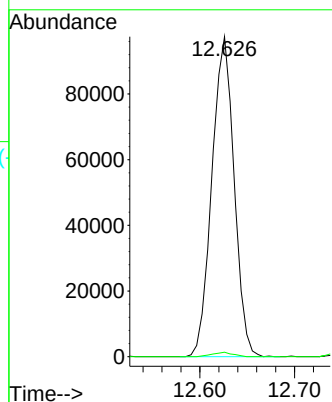
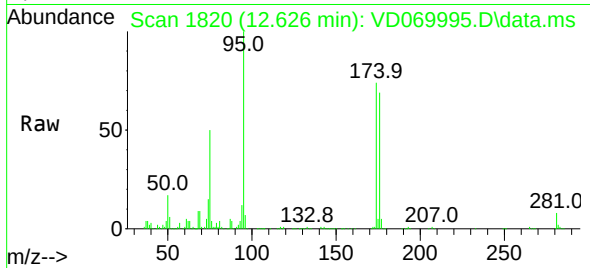




#76
1,2,3-Trichloropropane
Concen: 45.218 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

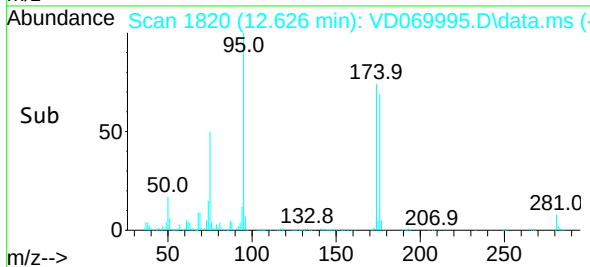
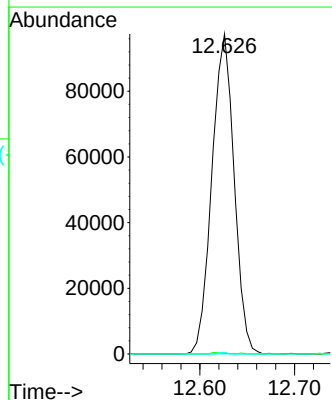
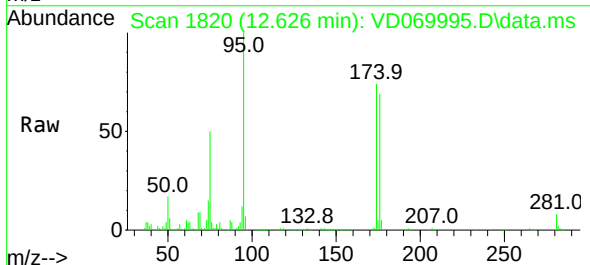
Instrument :
MSVOA_D
ClientSampleId :

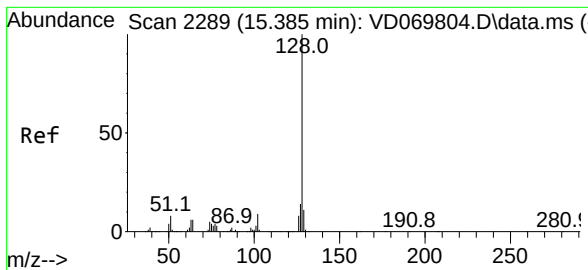
Tgt Ion: 75 Resp: 158672
Ion Ratio Lower Upper
75 100
77 1.3 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.180 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Tgt Ion: 75 Resp: 158672
Ion Ratio Lower Upper
75 100
53 0.3 67.2 100.8#
89 0.2 35.8 53.6#





#95
Naphthalene
Concen: 5.591 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD069995.D
Acq: 09 Aug 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.6	16.0#
129	9.4	8.6	12.8

