

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069808.D
 Acq On : 22 Jul 2021 15:23
 Operator : VA/SY
 Sample : VD0722SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBL01

Quant Time: Jul 23 05:00:02 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)

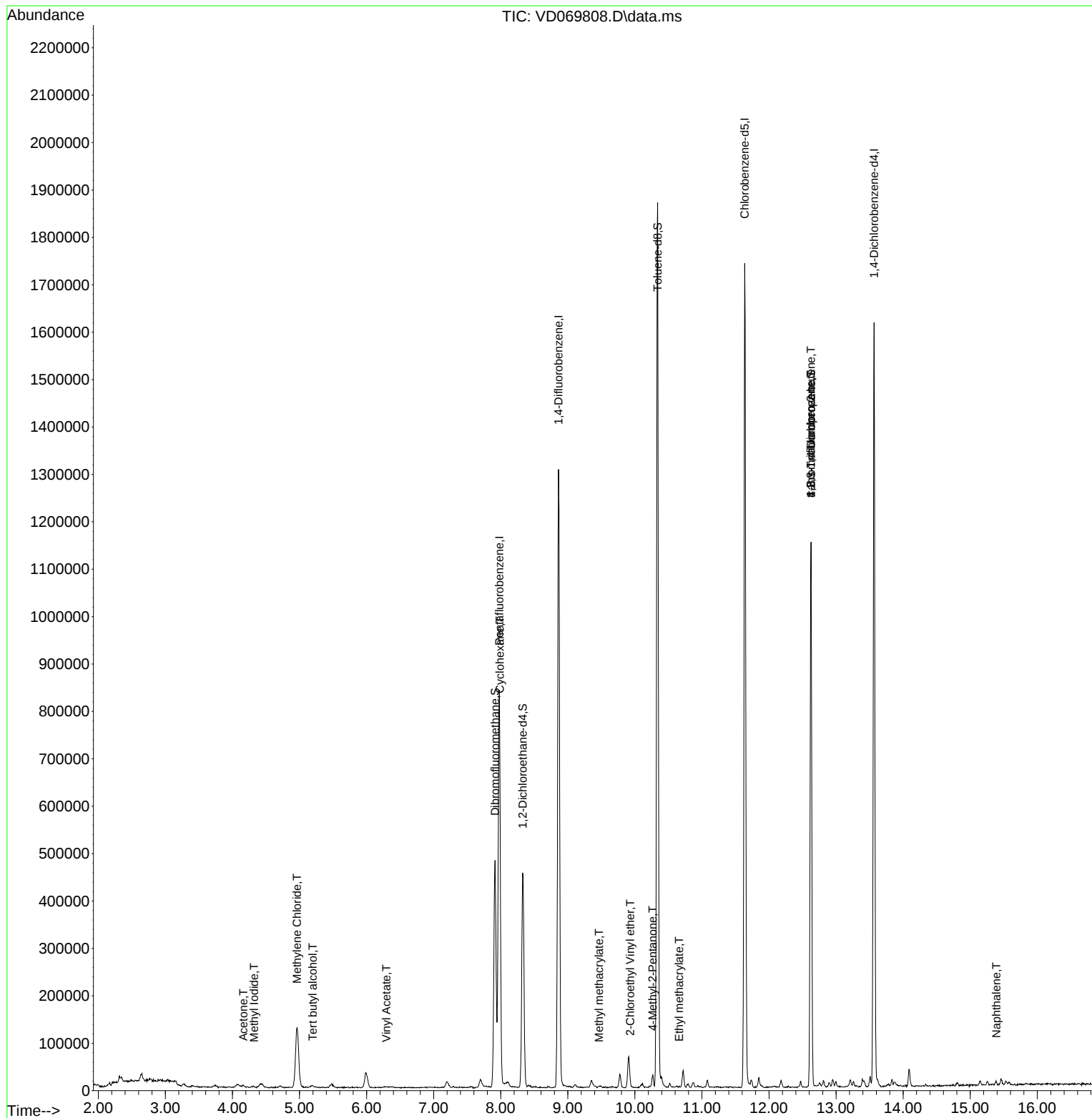
Internal Standards						
1) Pentafluorobenzene	7.979	168	589127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1111608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1016485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	418732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	366230	54.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.100%			
35) Dibromofluoromethane	7.914	113	352465	50.298	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.600%			
50) Toluene-d8	10.338	98	1293011	47.852	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.700%			
62) 4-Bromofluorobenzene	12.626	95	399358	44.224	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.440%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	5630	Below Cal	#	77
10) Methyl Iodide	4.320	142	2739	3.811	ug/l #	40
11) Tert butyl alcohol	5.197	59	2947	8.406	ug/l #	73
16) Acetone	4.162	43	6087	4.973	ug/l	88
20) Methylene Chloride	4.962	84	105660	6.410	ug/l	93
23) Vinyl Acetate	6.297	43	471	20.386	ug/l #	71
31) Cyclohexane	7.985	56	17785	1.343	ug/l #	28
48) Methyl methacrylate	9.467	41	409	2.839	ug/l #	52
51) 4-Methyl-2-Pentanone	10.267	43	4200	1.030	ug/l #	68
56) Ethyl methacrylate	10.661	69	472	3.951	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.932	63	608	21.032	ug/l #	48
76) 1,2,3-Trichloropropane	12.626	75	193856	43.555	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	193856	132.135	ug/l #	16
95) Naphthalene	15.390	128	5323	5.349	ug/l	99

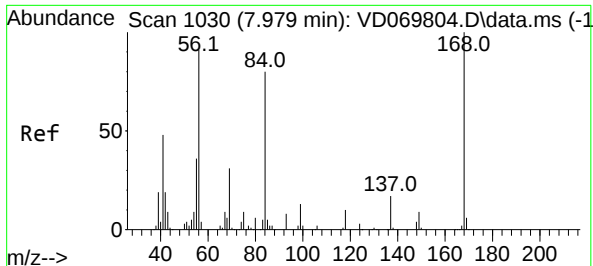
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

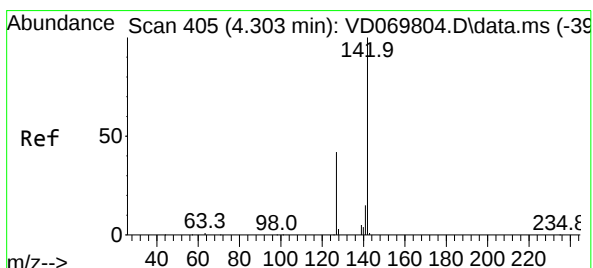
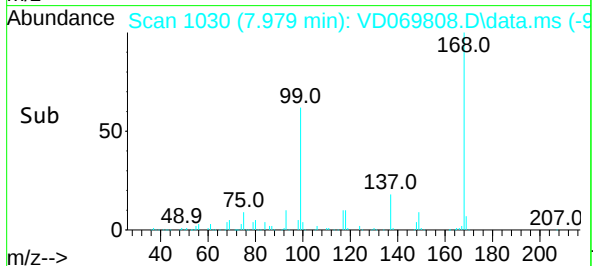
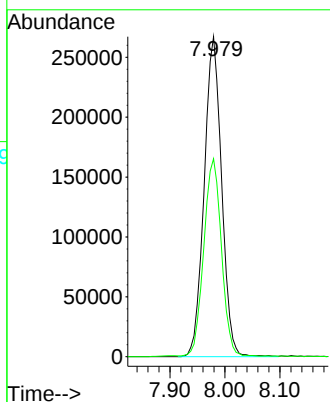
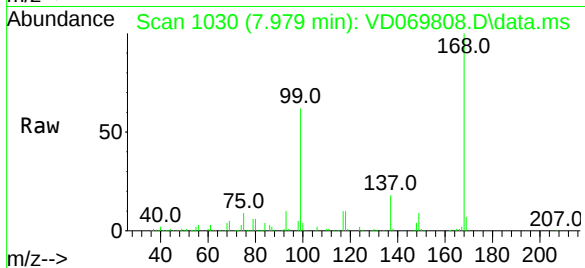




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

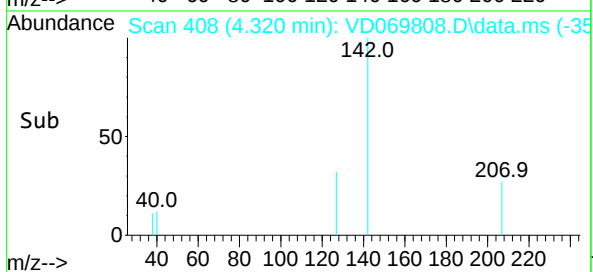
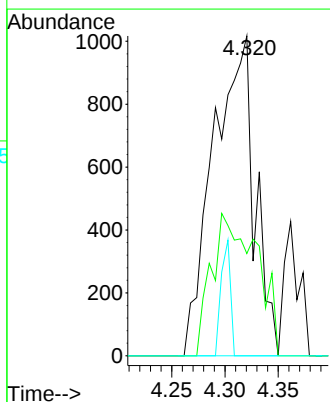
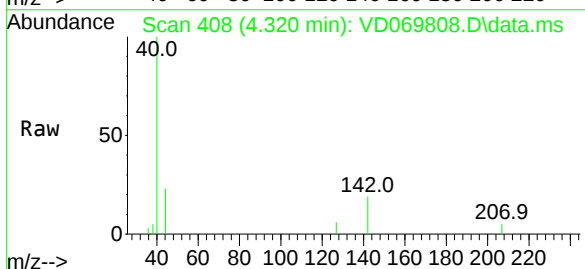
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

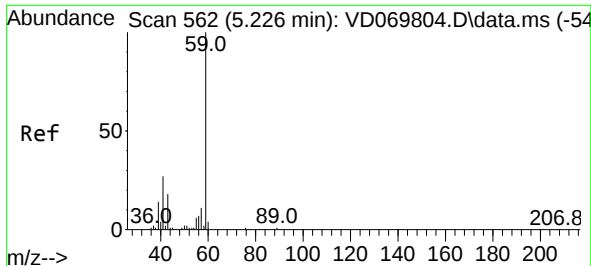
Tgt Ion:168 Resp: 589127
Ion Ratio Lower Upper
168 100
99 61.7 51.1 76.7



#10
Methyl Iodide
Concen: 3.811 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion:142 Resp: 2739
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 12.0 18.0#



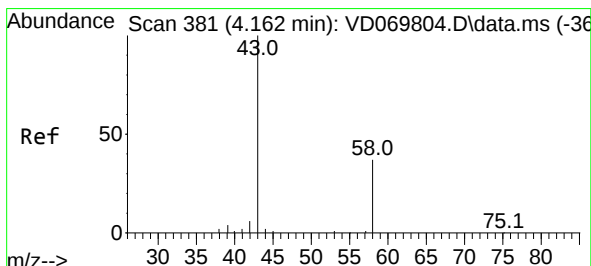
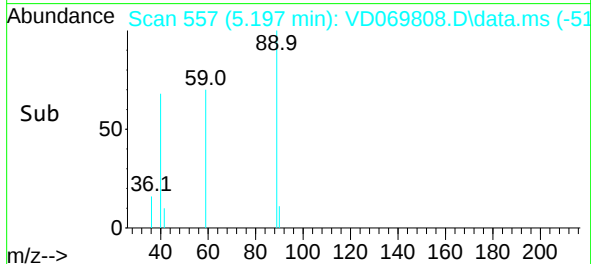
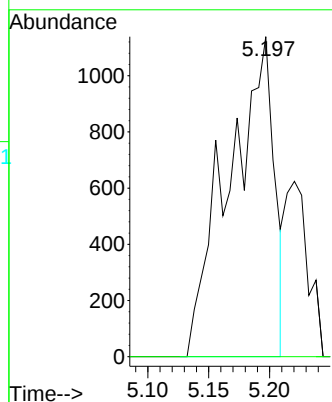
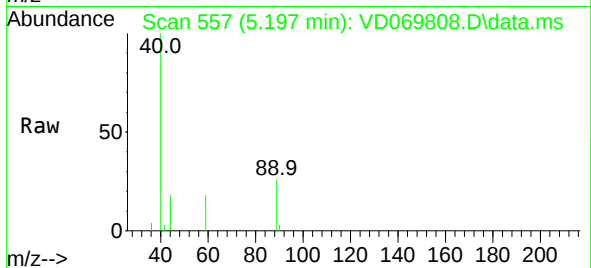


#11

Tert butyl alcohol
Concen: 8.406 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.029 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Instrument :
MSVOA_D
ClientSampled :
VD0722SBL01

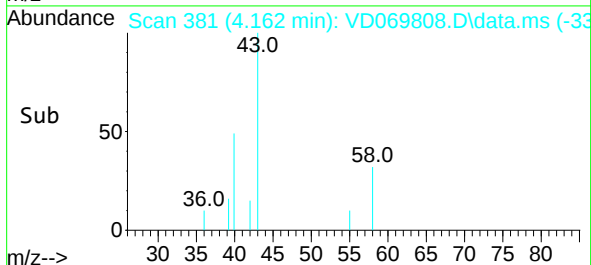
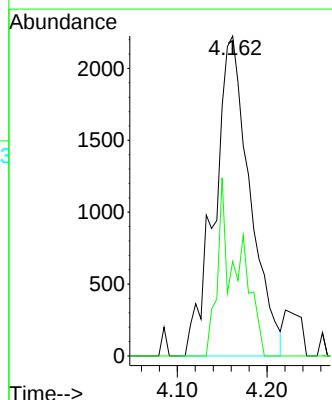
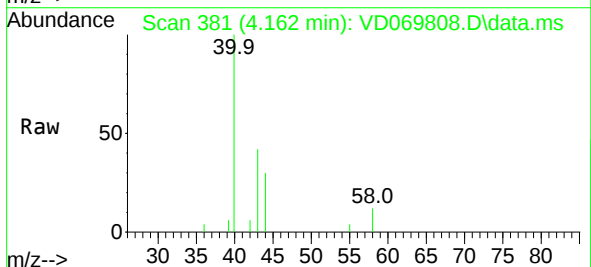
Tgt Ion: 59 Resp: 2947
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

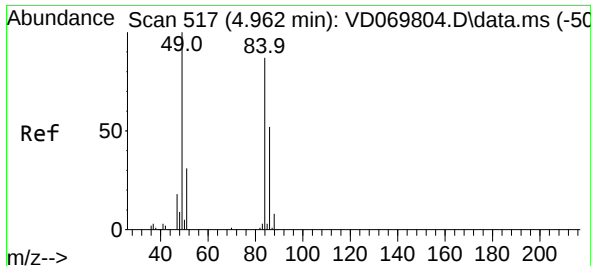


#16

Acetone
Concen: 4.973 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

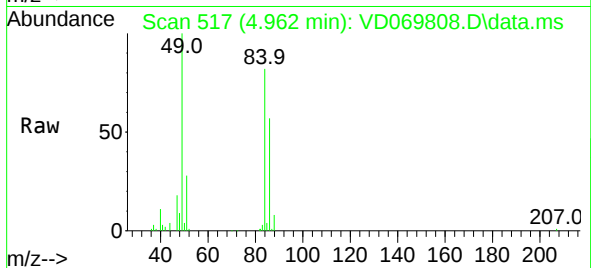
Tgt Ion: 43 Resp: 6087
Ion Ratio Lower Upper
43 100
58 29.6 29.4 44.0



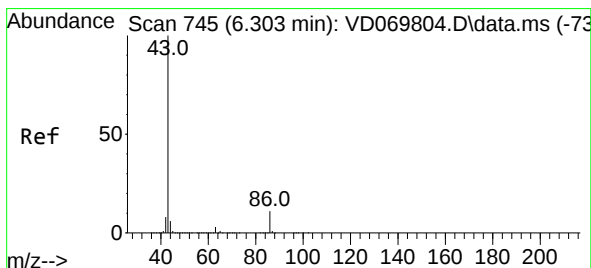
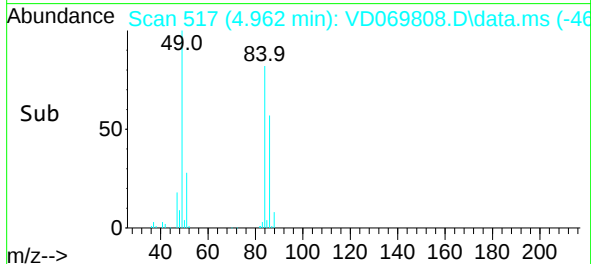
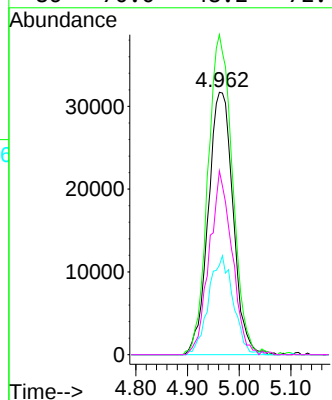


#20
Methylene Chloride
Concen: 6.410 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

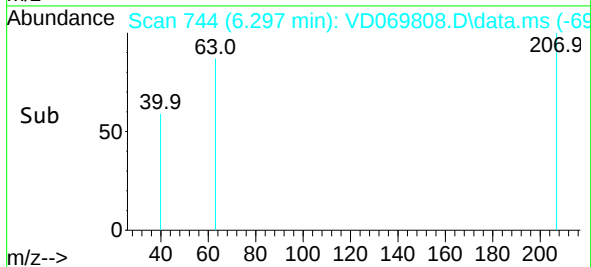
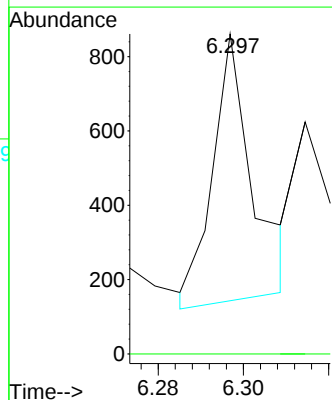
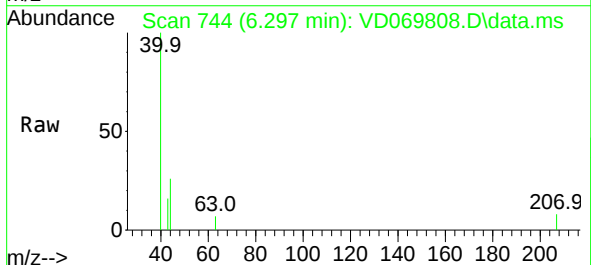


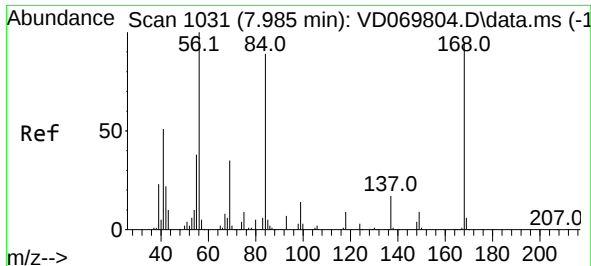
Tgt Ion:	84	Resp:	105660
Ion	Ratio	Lower	Upper
84	100		
49	122.0	92.4	138.6
51	34.1	28.5	42.7
86	70.0	48.2	72.4



#23
Vinyl Acetate
Concen: 20.386 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.006 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

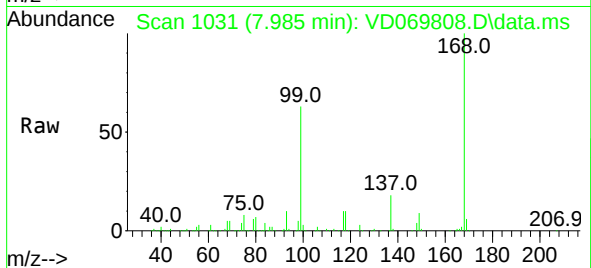
Tgt Ion:	43	Resp:	471
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#



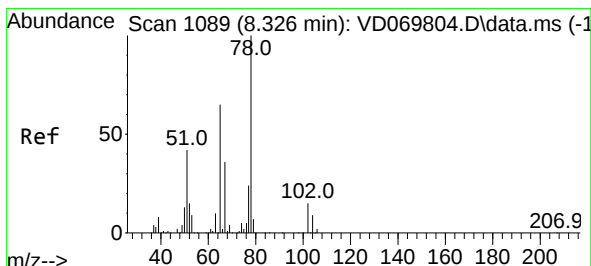
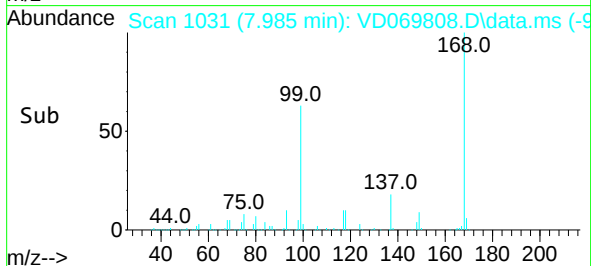
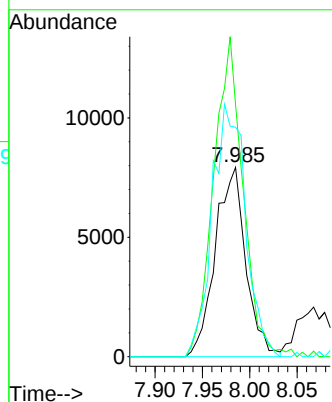


#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

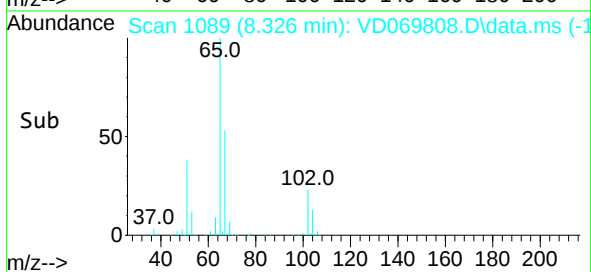
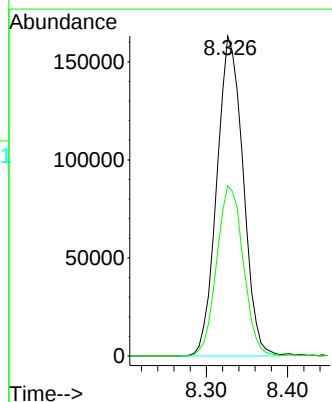
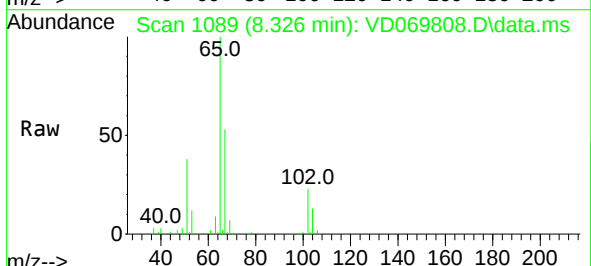


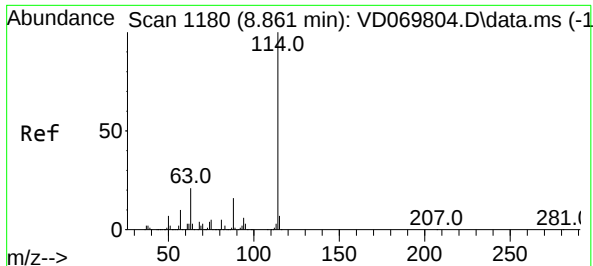
Tgt Ion: 56 Resp: 17785
Ion Ratio Lower Upper
56 100
69 133.1 27.9 41.9#
84 121.2 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 54.052 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion: 65 Resp: 366230
Ion Ratio Lower Upper
65 100
67 53.9 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: VD069808.D

Acq: 22 Jul 2021 15:23

Tgt Ion:114 Resp: 1111608

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.6

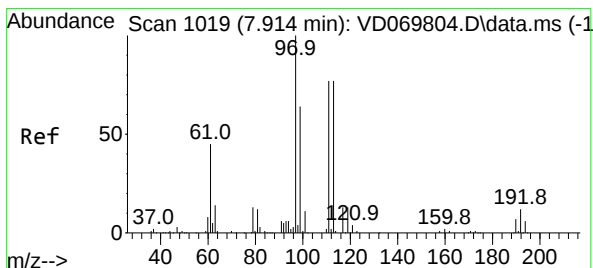
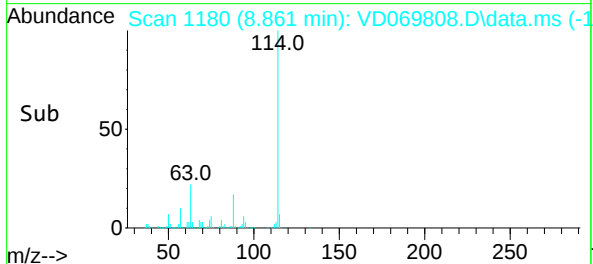
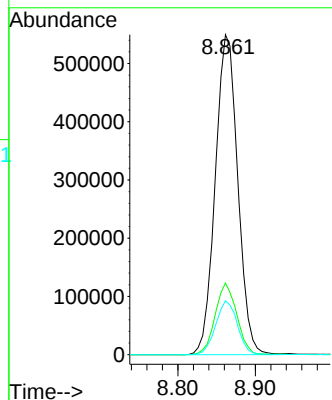
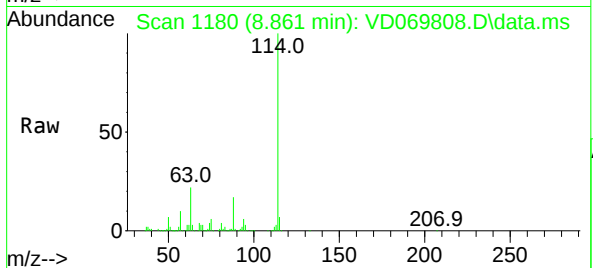
88 16.9 0.0 31.4

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBL01



#35

Dibromofluoromethane

Concen: 50.298 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069808.D

Acq: 22 Jul 2021 15:23

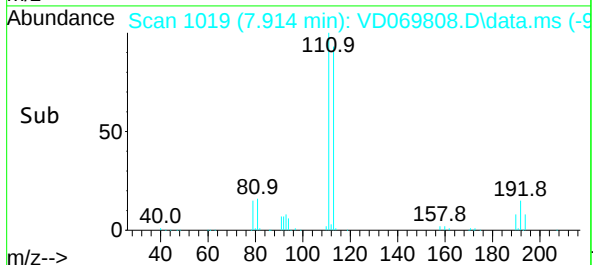
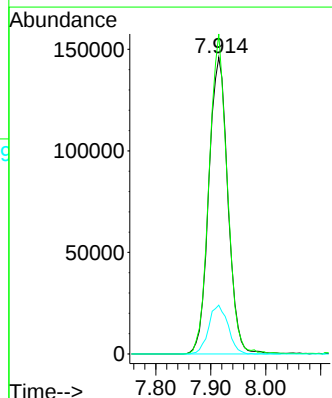
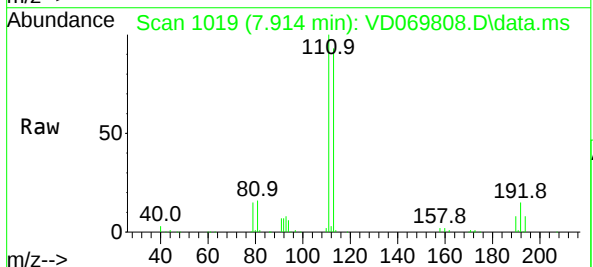
Tgt Ion:113 Resp: 352465

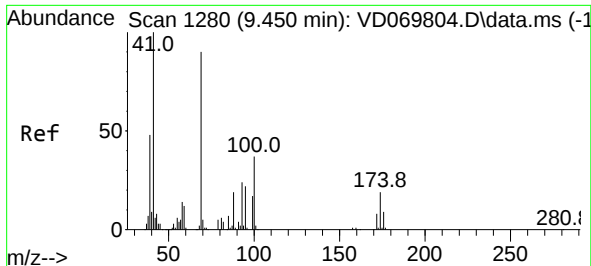
Ion Ratio Lower Upper

113 100

111 102.6 80.5 120.7

192 16.7 12.6 19.0





#48

Methyl methacrylate

Concen: 2.839 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.017 min

Lab File: VD069808.D

Acq: 22 Jul 2021 15:23

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBL01

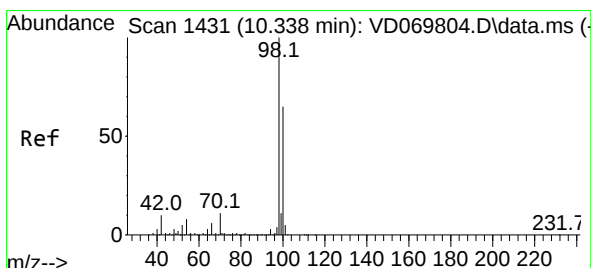
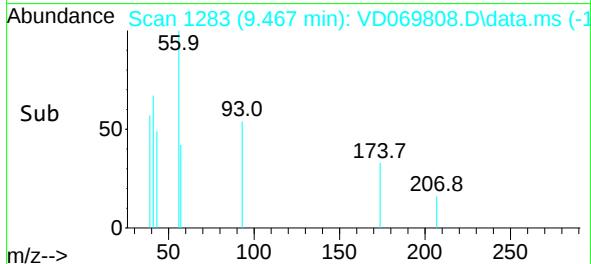
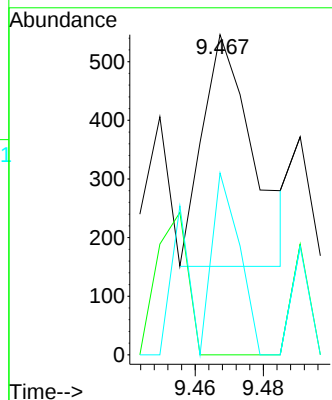
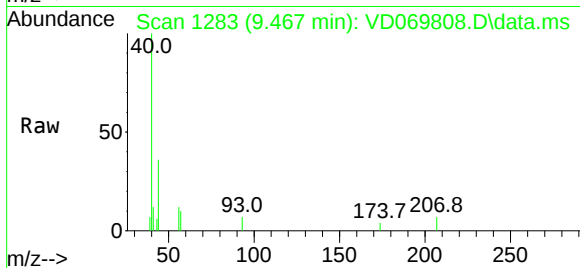
Tgt Ion: 41 Resp: 409

Ion Ratio Lower Upper

41 100

69 37.2 73.4 110.2#

39 64.8 36.6 55.0#



#50

Toluene-d8

Concen: 47.852 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069808.D

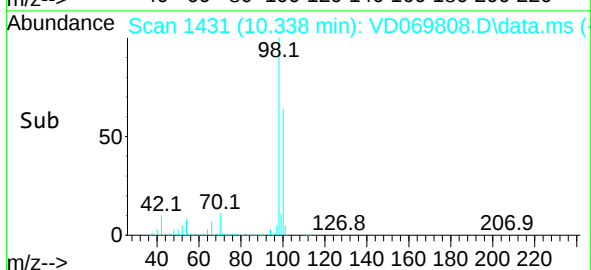
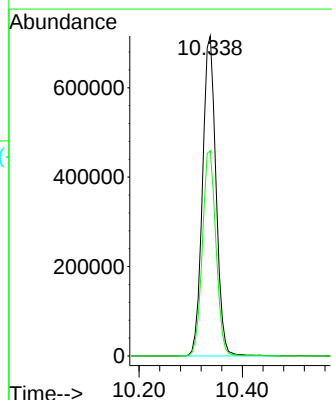
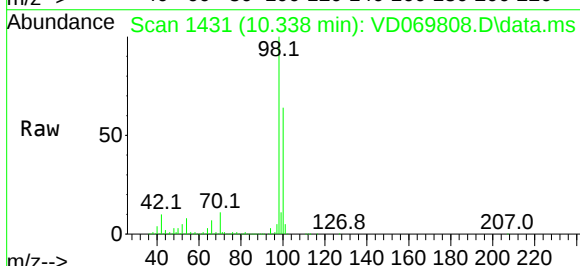
Acq: 22 Jul 2021 15:23

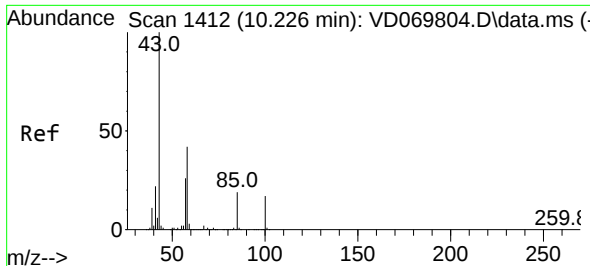
Tgt Ion: 98 Resp: 1293011

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

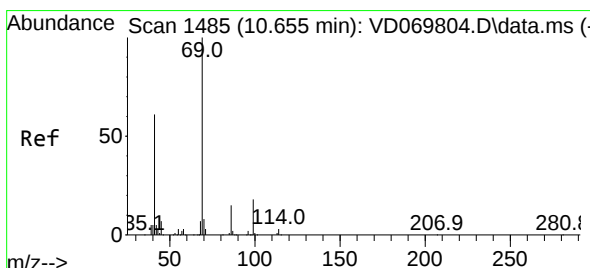
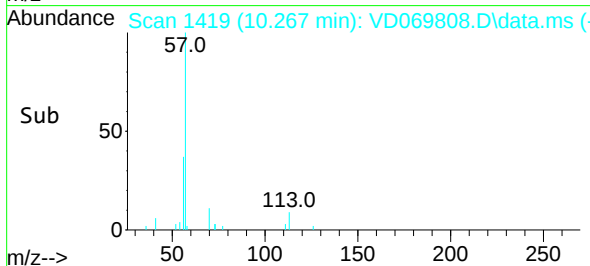
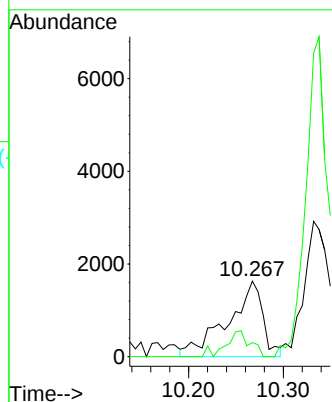
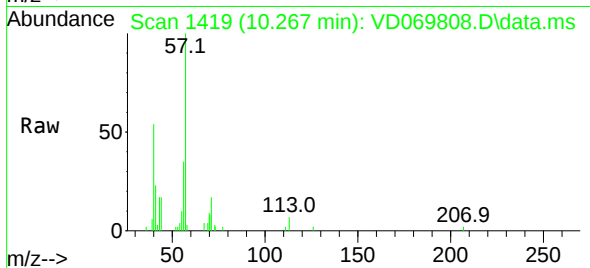




#51
4-Methyl-2-Pentanone
Concen: 1.030 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.041 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

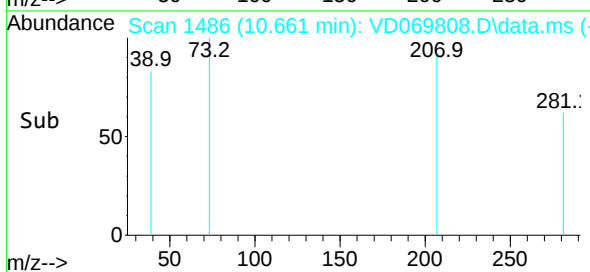
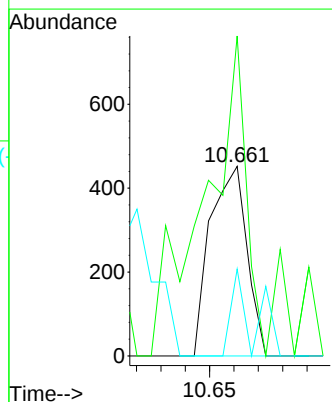
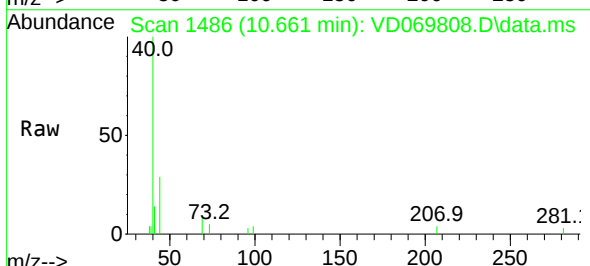
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

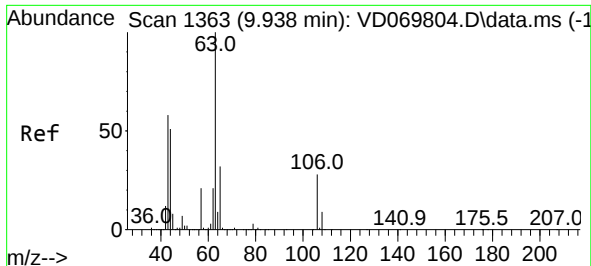
Tgt Ion: 43 Resp: 4200
Ion Ratio Lower Upper
43 100
58 21.6 33.7 50.5#



#56
Ethyl methacrylate
Concen: 3.951 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion: 69 Resp: 472
Ion Ratio Lower Upper
69 100
41 192.6 50.2 75.2#
39 28.0 22.0 33.0

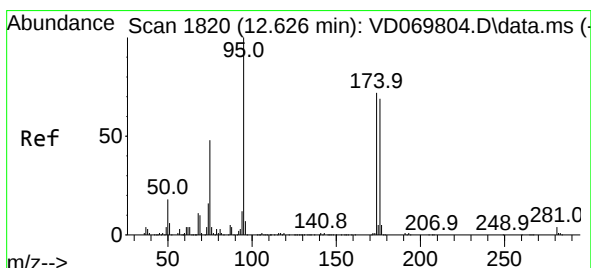
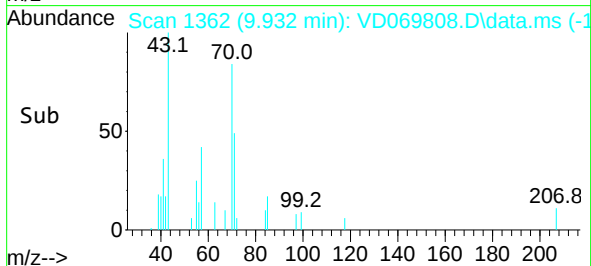
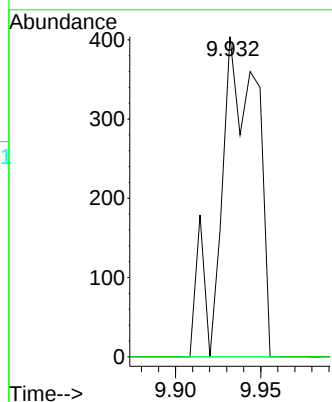
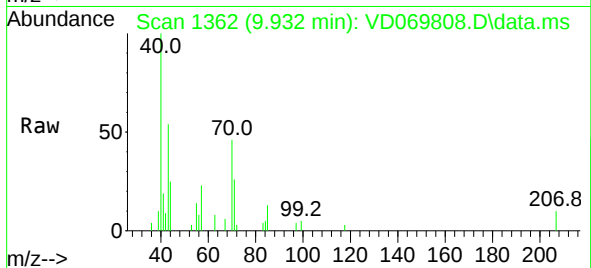




#58
2-Chloroethyl Vinyl ether
Concen: 21.032 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

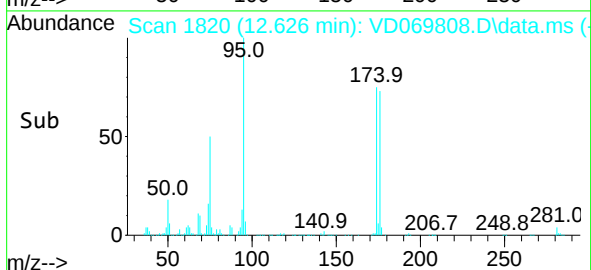
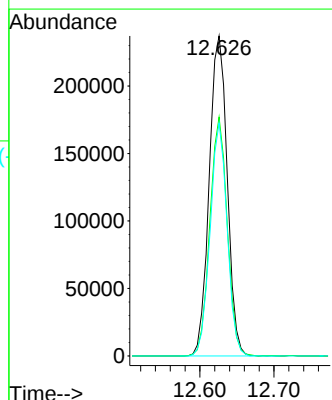
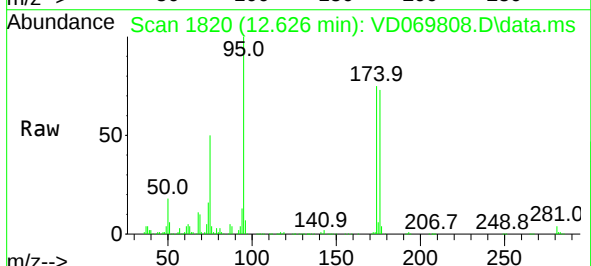
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

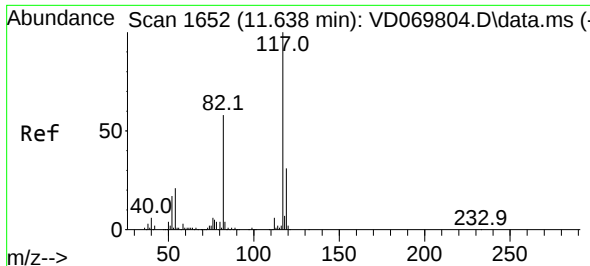
Tgt Ion: 63 Resp: 608
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#62
4-Bromofluorobenzene
Concen: 44.224 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion: 95 Resp: 399358
Ion Ratio Lower Upper
95 100
174 72.3 0.0 142.6
176 68.7 0.0 134.2

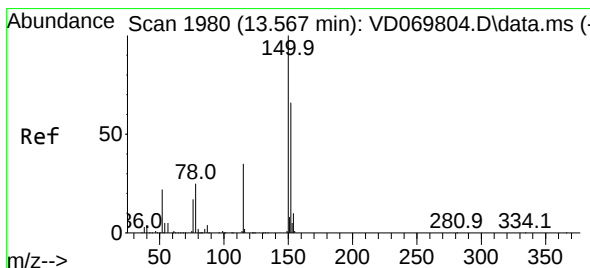
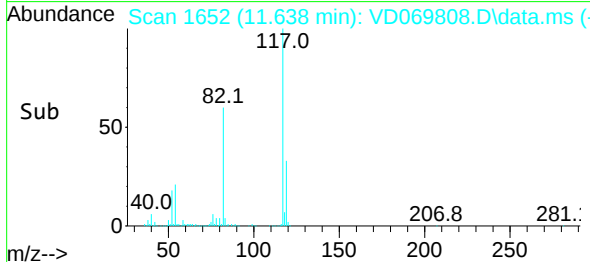
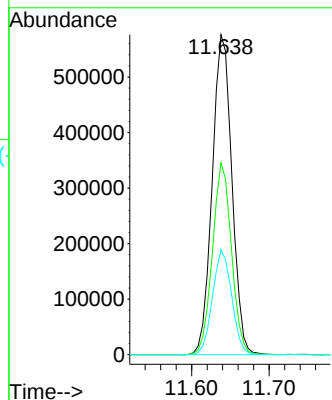
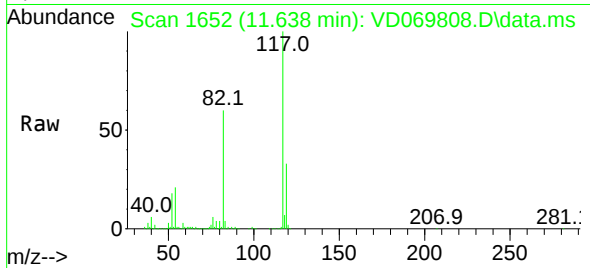




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

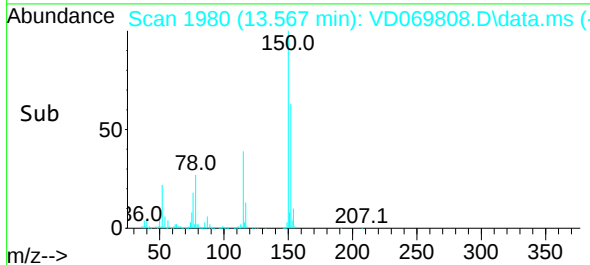
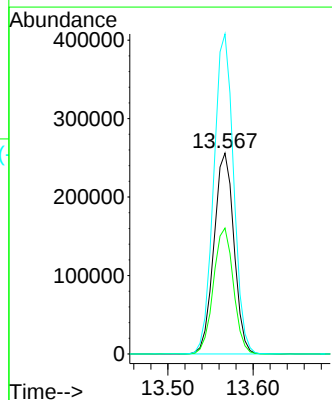
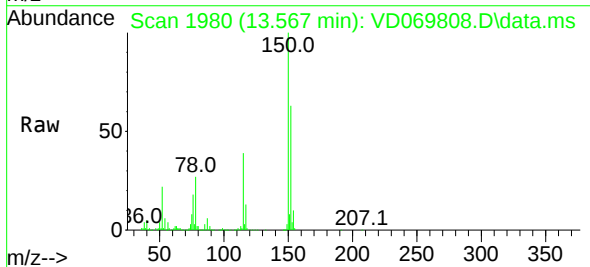
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

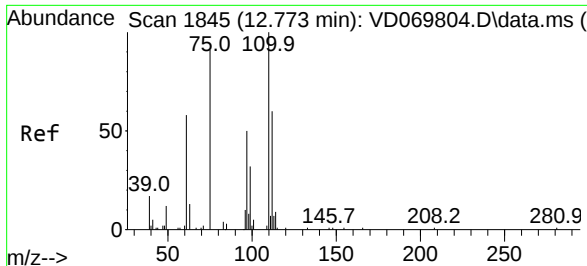
Tgt Ion:117 Resp: 1016485
Ion Ratio Lower Upper
117 100
82 59.8 46.3 69.5
119 32.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion:152 Resp: 418732
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.3
150 158.3 0.0 343.0

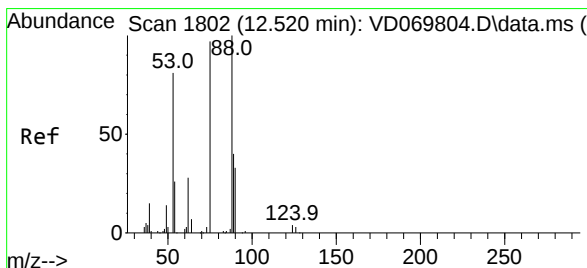
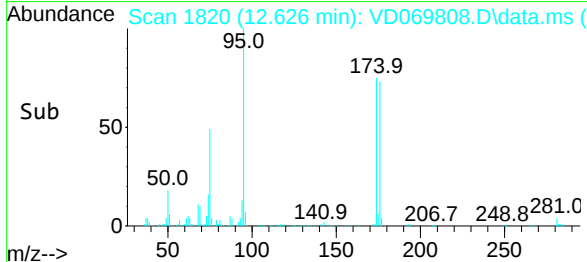
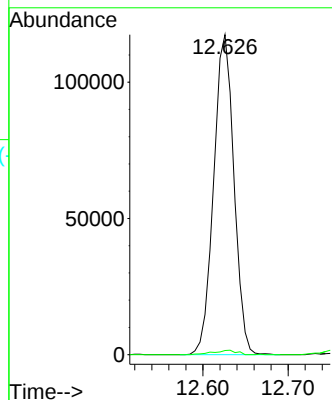
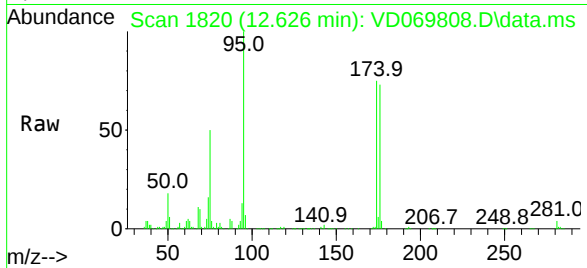




#76
1,2,3-Trichloropropane
Concen: 43.555 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

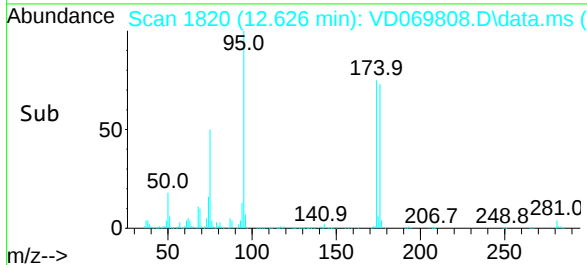
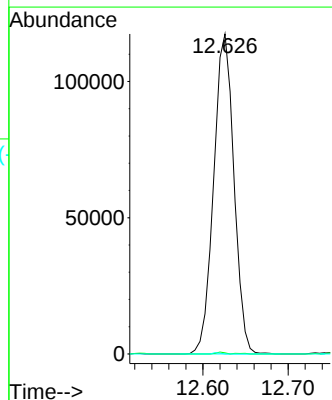
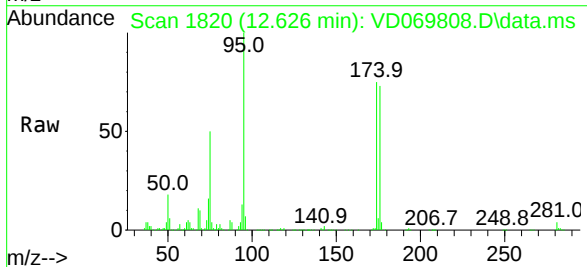
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

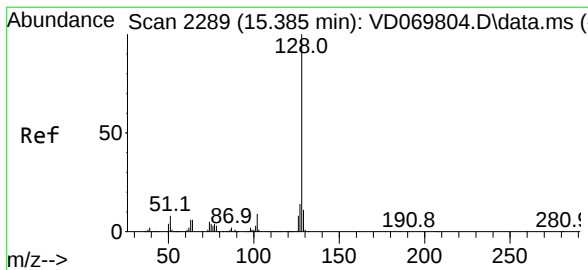
Tgt Ion: 75 Resp: 193856
Ion Ratio Lower Upper
75 100
77 1.6 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.135 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion: 75 Resp: 193856
Ion Ratio Lower Upper
75 100
53 0.3 67.2 100.8#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 5.349 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

Tgt Ion:	128	Resp:	5323
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	9.9	8.6	12.8

