

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069915.D
 Acq On : 29 Jul 2021 16:57
 Operator : VA/SY
 Sample : M3210-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 00:57:01 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)

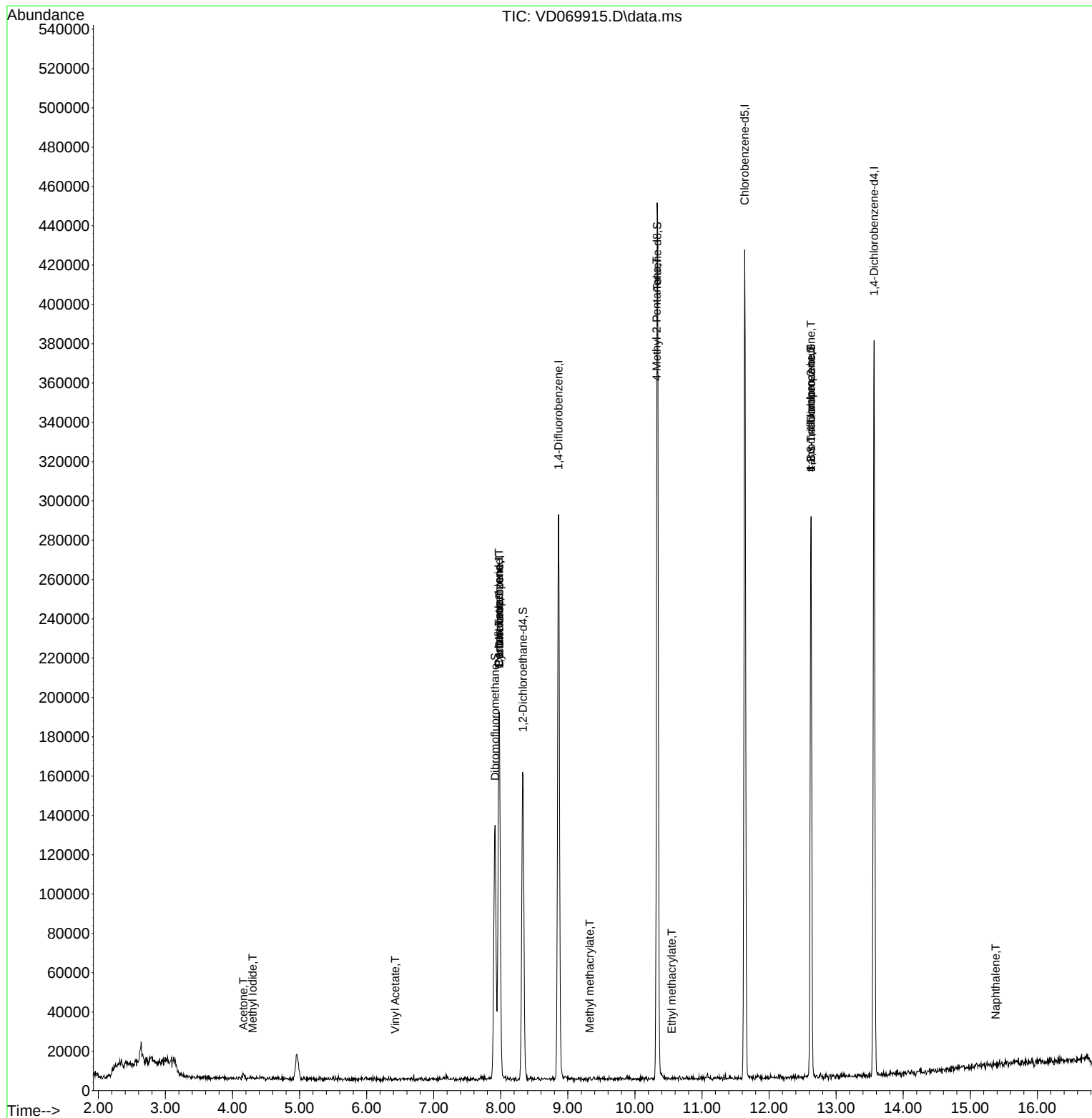
Internal Standards						
1) Pentafluorobenzene	7.973	168	139119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	243156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	245003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	100920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	125431	78.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.780%			
35) Dibromofluoromethane	7.914	113	96690	63.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.160%			
50) Toluene-d8	10.332	98	312265	52.831	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.626	95	96874	49.042	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.080%			
Target Compounds						
5) Bromomethane	2.779	94	1912	Below Cal	#	50
10) Methyl Iodide	4.303	142	517	3.741	ug/l #	78
16) Acetone	4.161	43	3004	10.393	ug/l	97
20) Methylene Chloride	4.973	84	10112	Below Cal		92
23) Vinyl Acetate	6.426	43	68	20.372	ug/l #	71
31) Cyclohexane	7.979	56	3649	1.167	ug/l #	33
36) 1,1-Dichloropropene	7.979	75	11801	4.497	ug/l #	49
38) Carbon Tetrachloride	7.973	117	14187	5.919	ug/l #	17
48) Methyl methacrylate	9.326	41	59	2.808	ug/l #	13
51) 4-Methyl-2-Pentanone	10.326	43	1508	1.691	ug/l #	1
56) Ethyl methacrylate	10.549	69	58	3.927	ug/l #	26
76) 1,2,3-Trichloropropane	12.626	75	46570	43.414	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	46570	131.705	ug/l #	16
95) Naphthalene	15.378	128	208	5.055	ug/l #	69

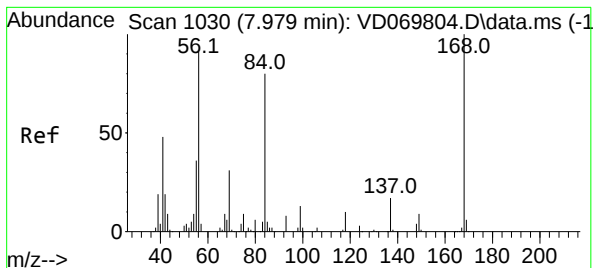
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069915.D
Acq On : 29 Jul 2021 16:57
Operator : VA/SY
Sample : M3210-04
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 30 00:57:01 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: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD069915.D

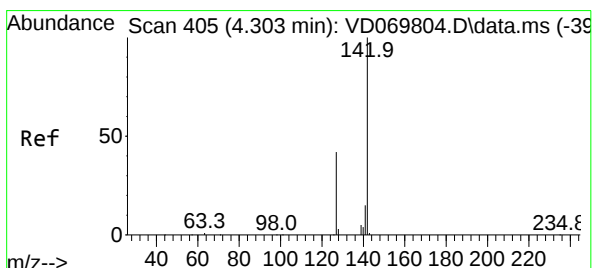
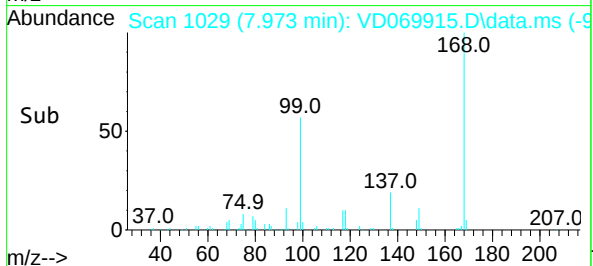
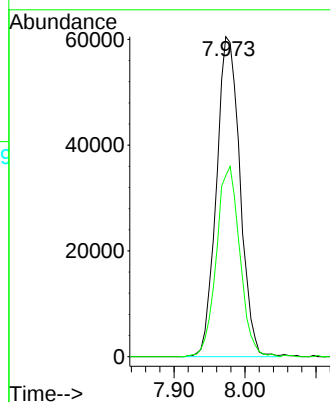
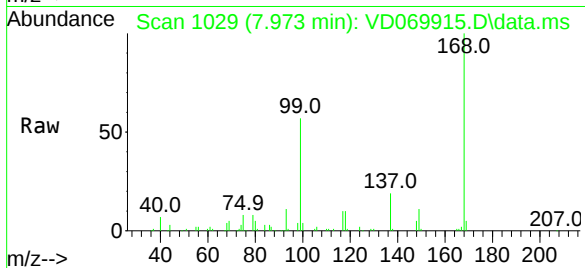
Acq: 29 Jul 2021 16:57

Tgt Ion:168 Resp: 139119

Ion Ratio Lower Upper

168 100

99 56.6 51.1 76.7



#10

Methyl Iodide

Concen: 3.741 ug/l

RT: 4.303 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD069915.D

Acq: 29 Jul 2021 16:57

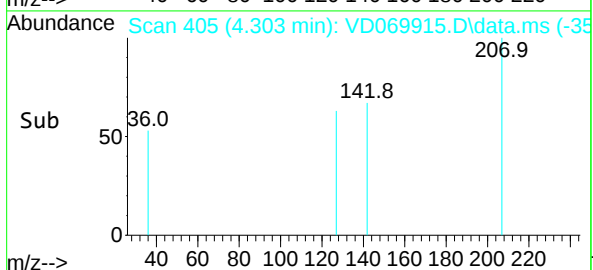
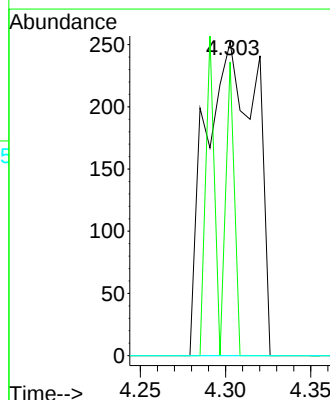
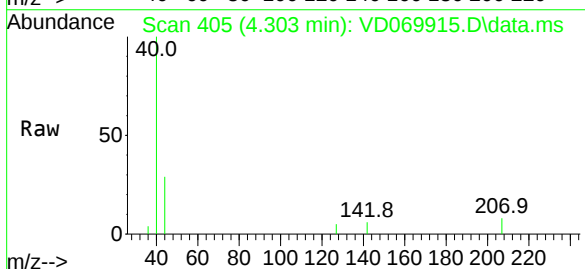
Tgt Ion:142 Resp: 517

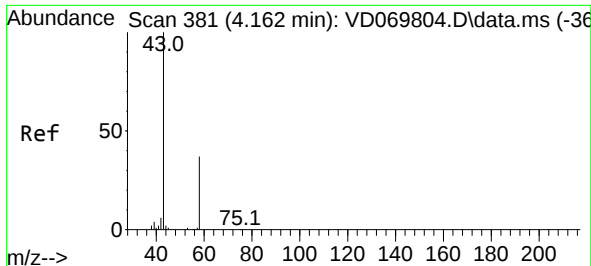
Ion Ratio Lower Upper

142 100

127 33.7 35.7 53.5#

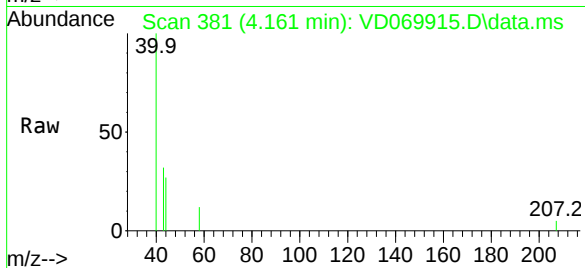
141 0.0 12.0 18.0#



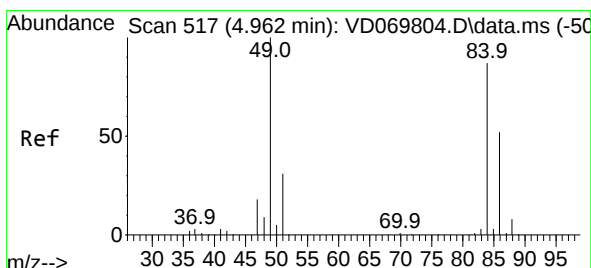
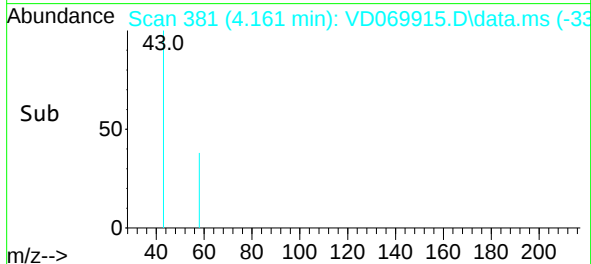
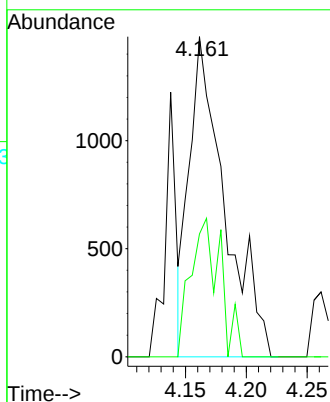


#16
Acetone
Concen: 10.393 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Instrument :
MSVOA_D
ClientSampleId :

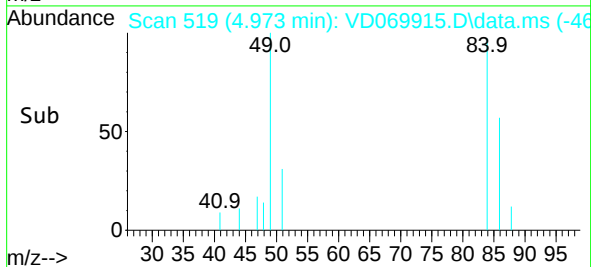
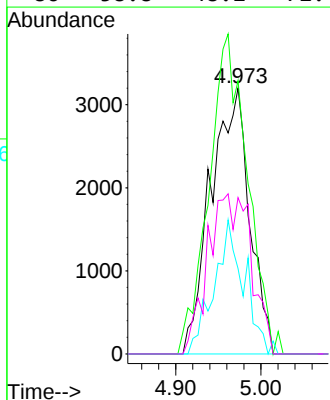
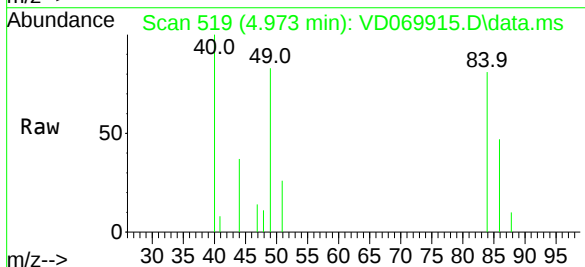


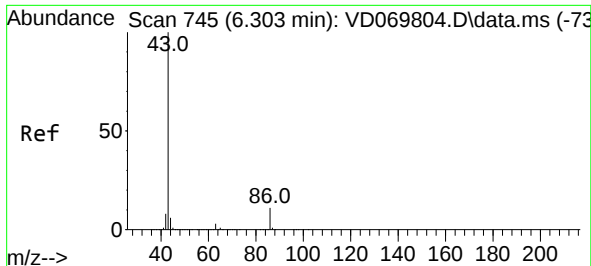
Tgt Ion: 43 Resp: 3004
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion: 84 Resp: 10112
Ion Ratio Lower Upper
84 100
49 102.8 92.4 138.6
51 32.2 28.5 42.7
86 58.8 48.2 72.4

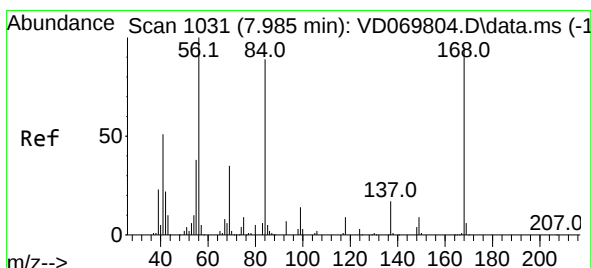
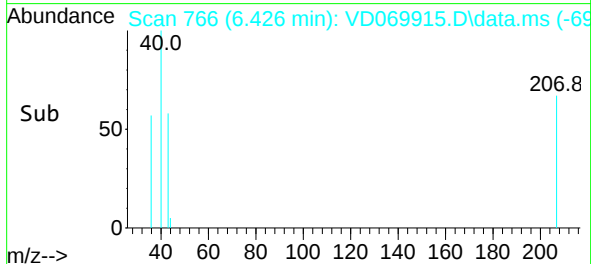
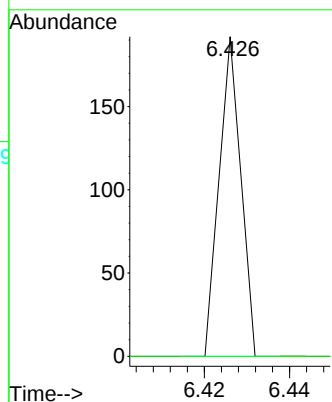
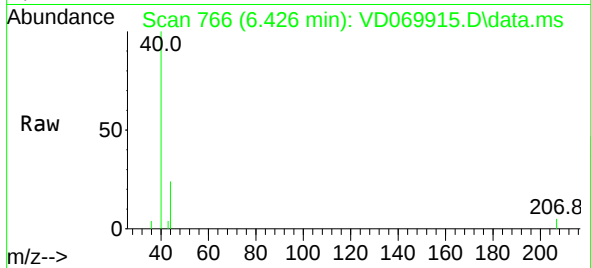




#23
 Vinyl Acetate
 Concen: 20.372 ug/l
 RT: 6.426 min Scan# 766
 Delta R.T. 0.123 min
 Lab File: VD069915.D
 Acq: 29 Jul 2021 16:57

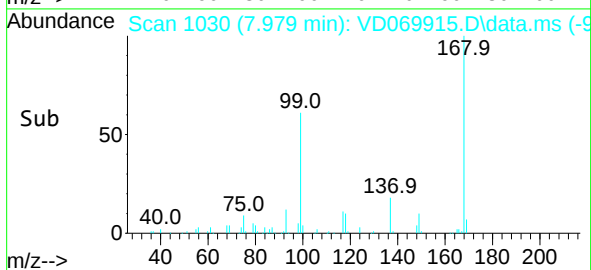
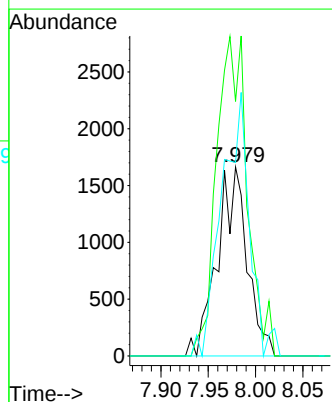
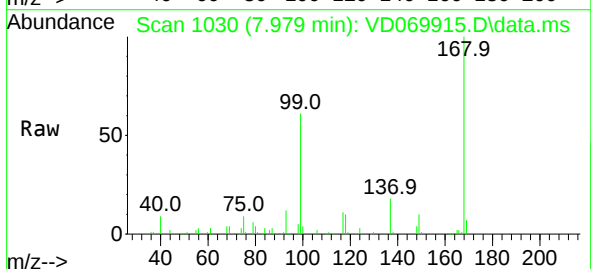
Instrument :
 MSVOA_D
 ClientSampleId :

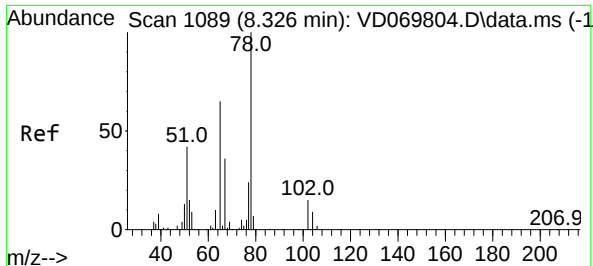
Tgt Ion: 43 Resp: 68
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#31
 Cyclohexane
 Concen: 1.167 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069915.D
 Acq: 29 Jul 2021 16:57

Tgt Ion: 56 Resp: 3649
 Ion Ratio Lower Upper
 56 100
 69 134.8 27.9 41.9#
 84 113.1 71.4 107.2#

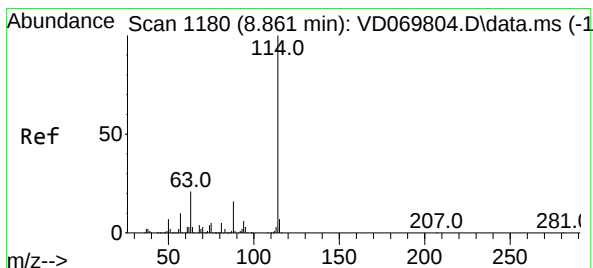
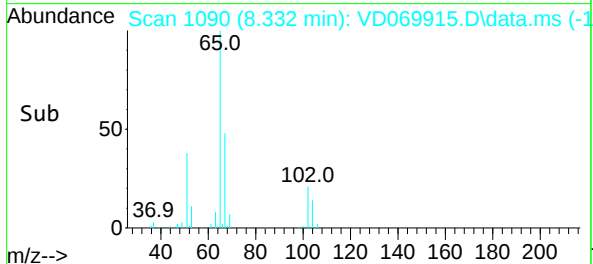
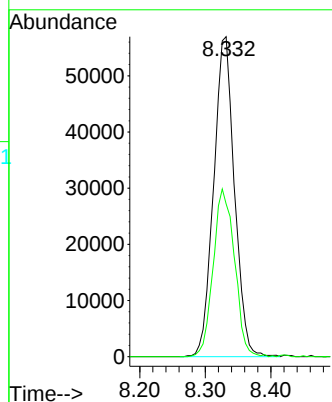
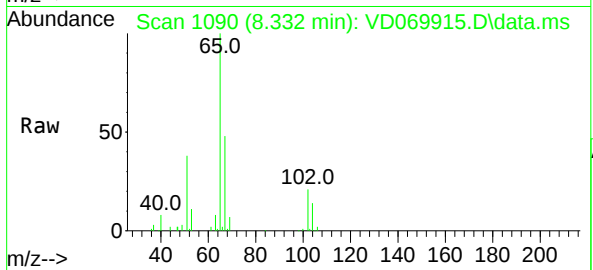




#33
1,2-Dichloroethane-d4
Concen: 78.395 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

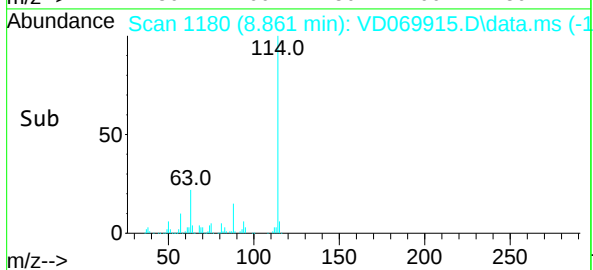
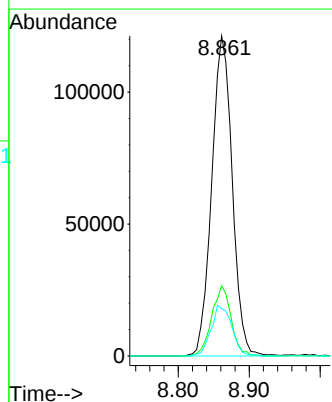
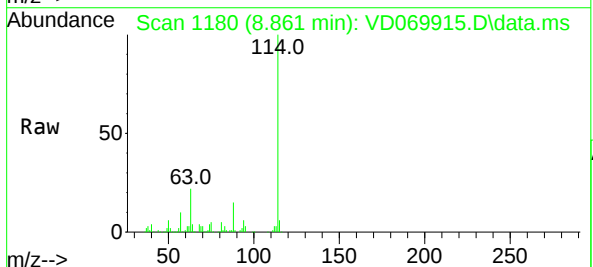
Instrument :
MSVOA_D
ClientSampleId :

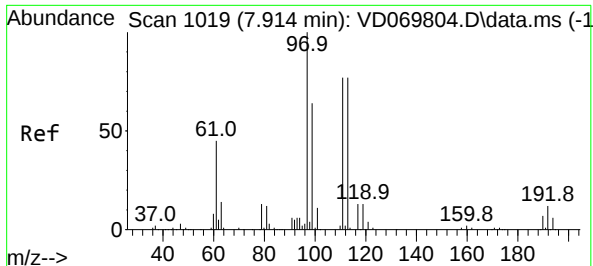
Tgt Ion: 65 Resp: 125431
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion: 114 Resp: 243156
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.6
88 14.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 63.078 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069915.D

Acq: 29 Jul 2021 16:57

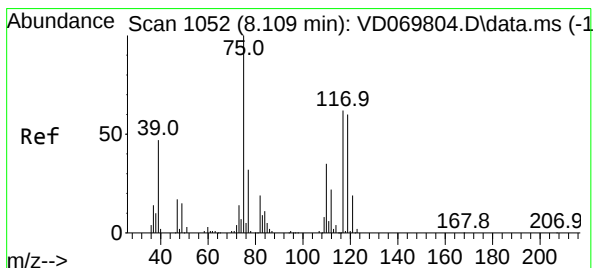
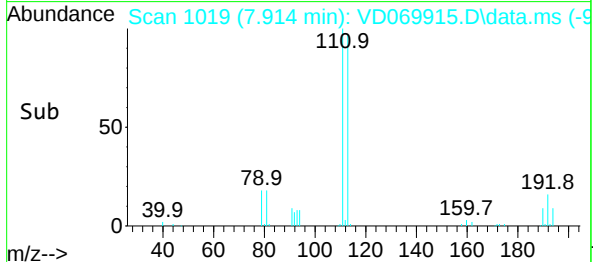
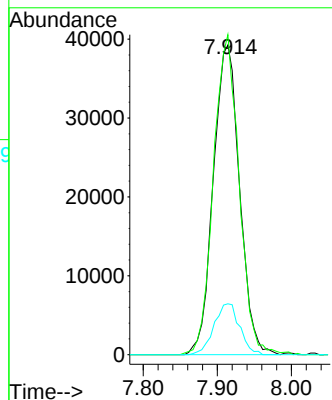
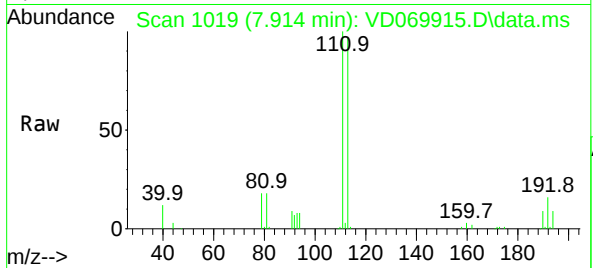
Tgt Ion:113 Resp: 96690

Ion Ratio Lower Upper

113 100

111 101.0 80.5 120.7

192 16.1 12.6 19.0



#36

1,1-Dichloropropene

Concen: 4.497 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD069915.D

Acq: 29 Jul 2021 16:57

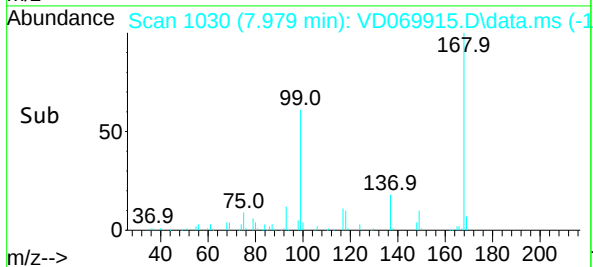
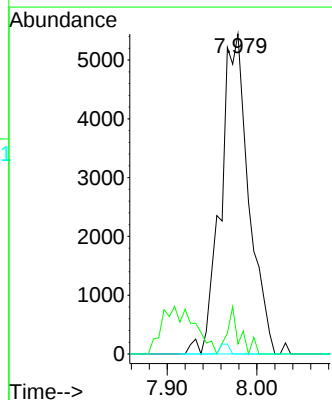
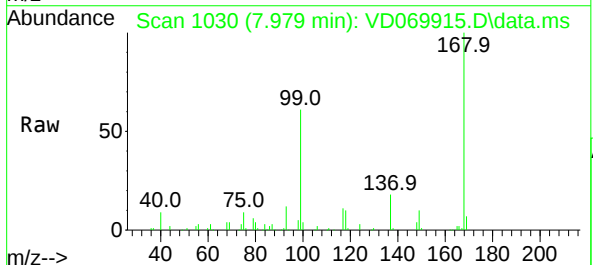
Tgt Ion: 75 Resp: 11801

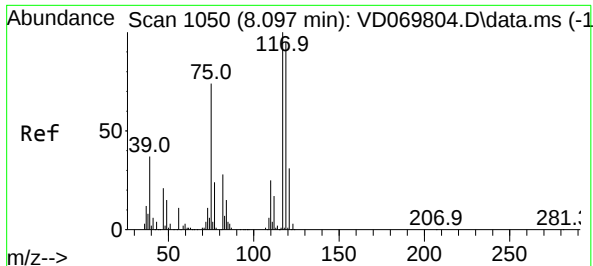
Ion Ratio Lower Upper

75 100

110 6.5 16.9 50.7#

77 1.0 24.9 37.3#

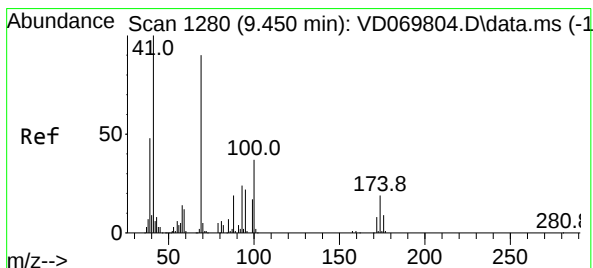
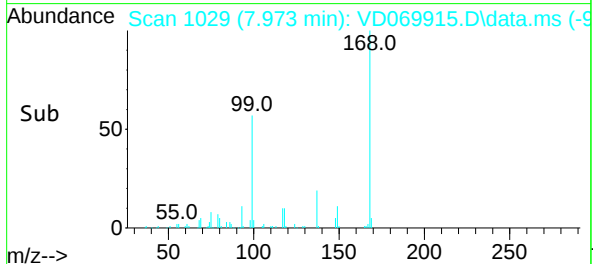
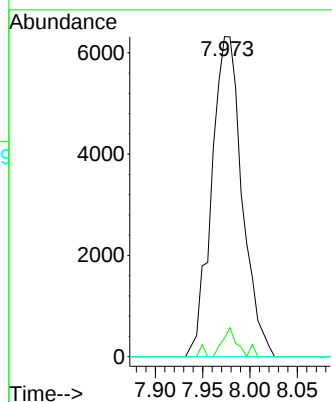
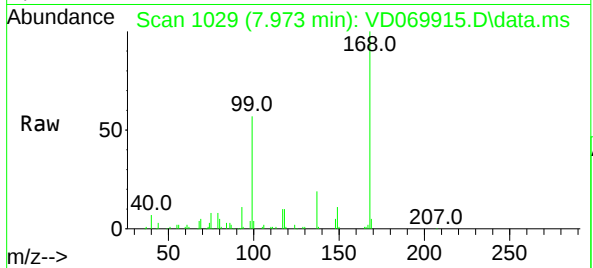




#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

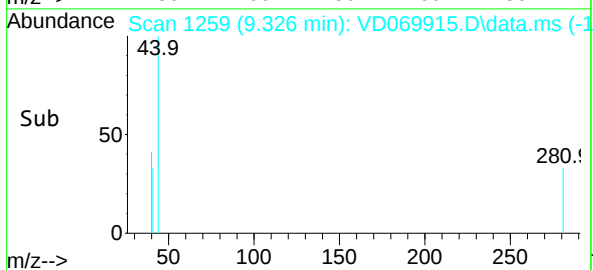
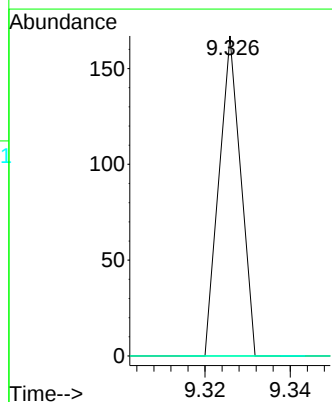
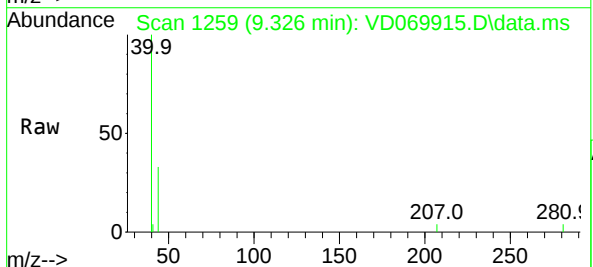
Instrument :
MSVOA_D
ClientSampleId :

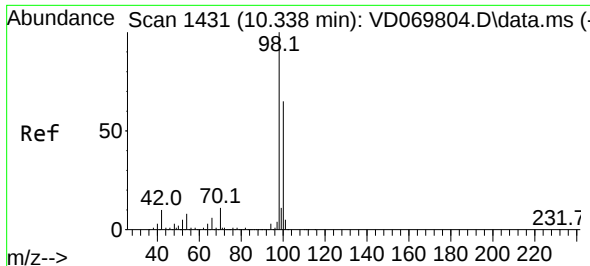
Tgt Ion:117 Resp: 14187
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 2.808 ug/l
RT: 9.326 min Scan# 1259
Delta R.T. -0.124 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#

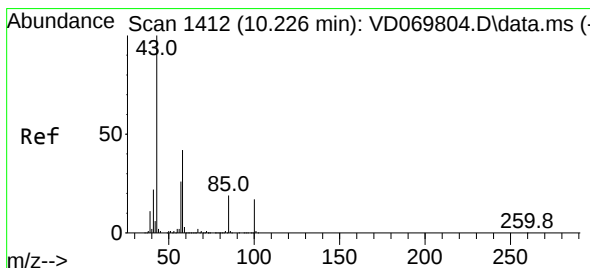
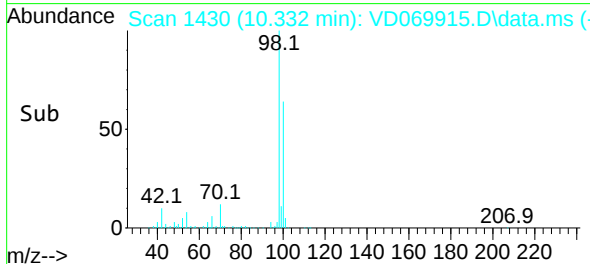
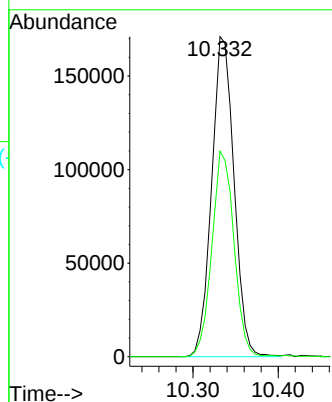
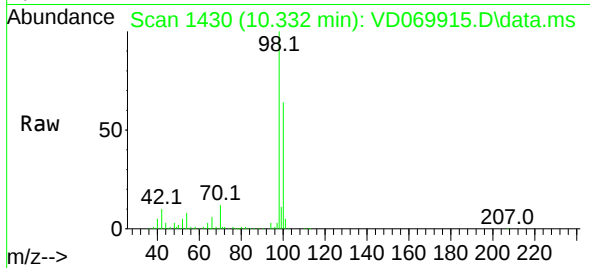




#50
Toluene-d8
Concen: 52.831 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

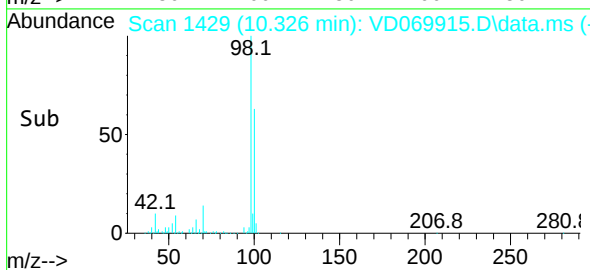
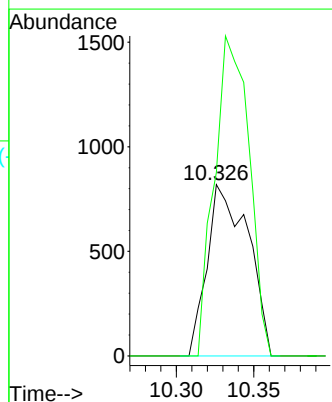
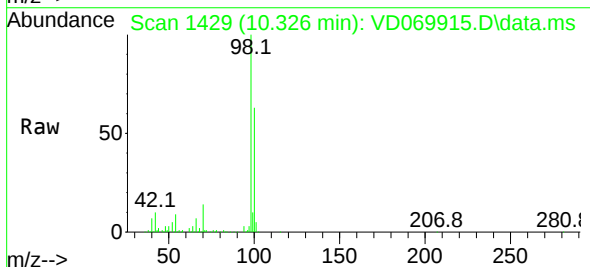
Instrument :
MSVOA_D
ClientSampleId :

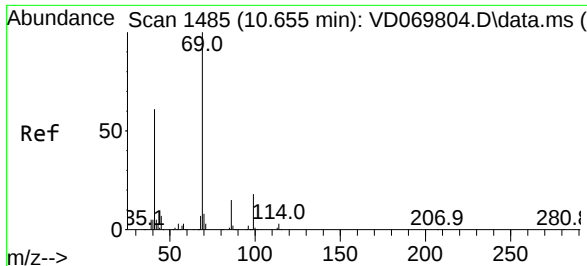
Tgt Ion: 98 Resp: 312265
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.691 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.100 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 158.0 33.7 50.5#

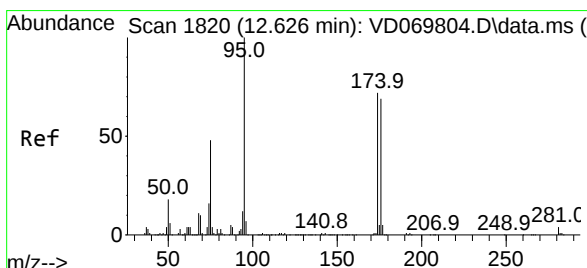
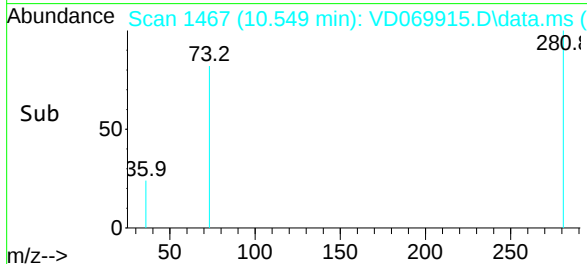
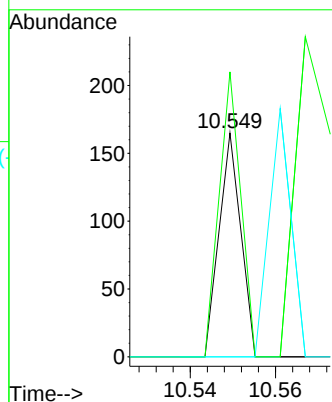
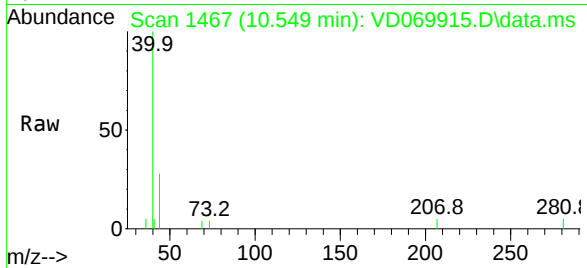




#56
Ethyl methacrylate
Concen: 3.927 ug/l
RT: 10.549 min Scan# 1467
Delta R.T. -0.106 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

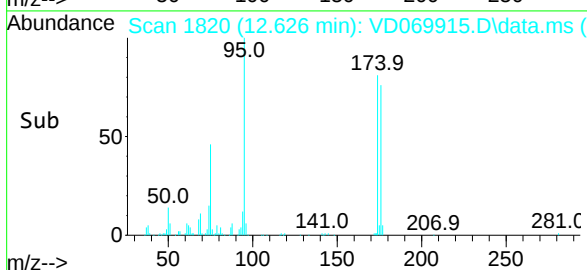
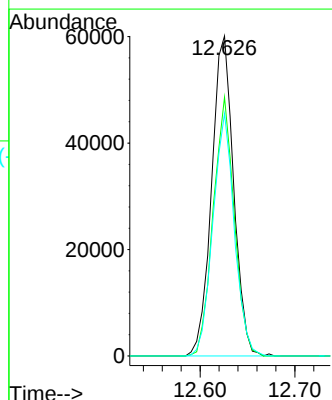
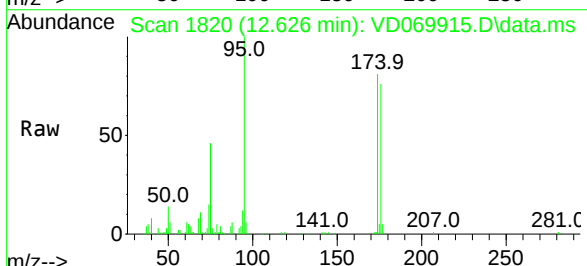
Instrument :
MSVOA_D
ClientSampleId :

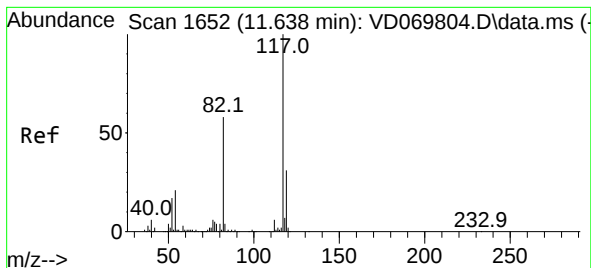
Tgt Ion: 69 Resp: 58
Ion Ratio Lower Upper
69 100
41 127.6 50.2 75.2#
39 0.0 22.0 33.0#



#62
4-Bromofluorobenzene
Concen: 49.042 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion: 95 Resp: 96874
Ion Ratio Lower Upper
95 100
174 77.6 0.0 142.6
176 73.8 0.0 134.2

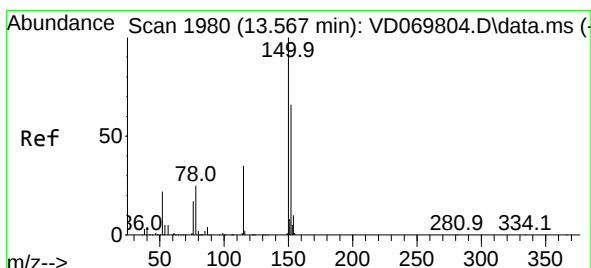
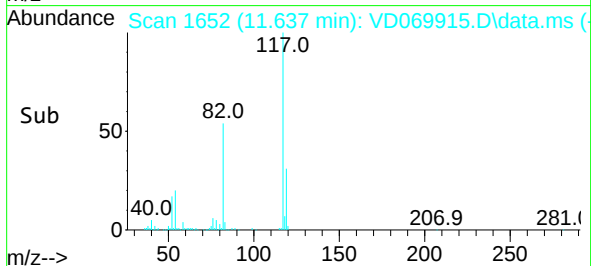
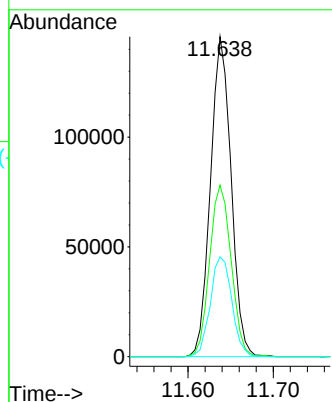
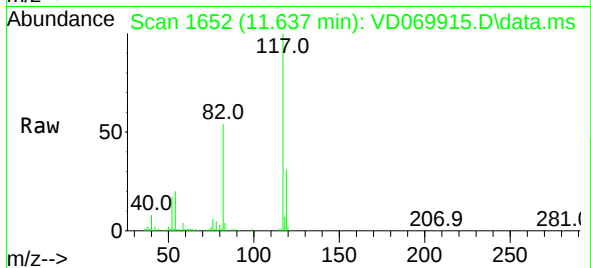




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

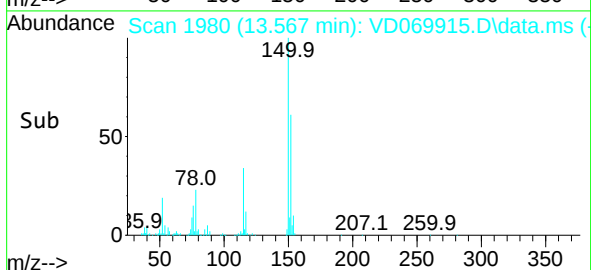
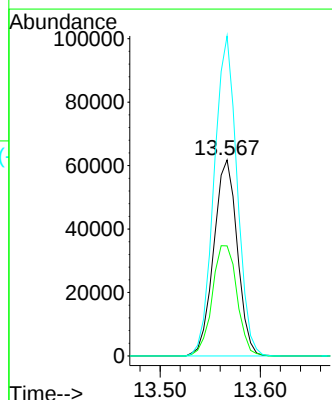
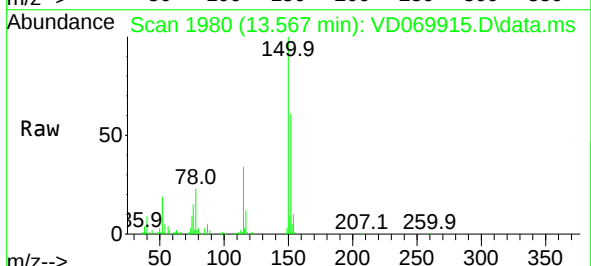
Instrument :
MSVOA_D
ClientSampleId :

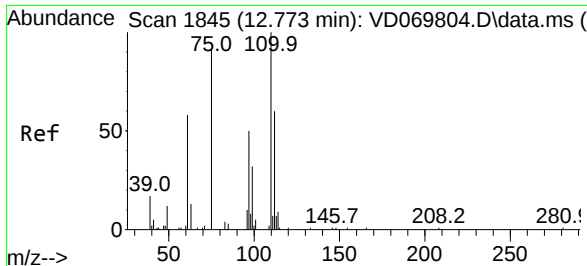
Tgt Ion:117 Resp: 245003
Ion Ratio Lower Upper
117 100
82 53.6 46.3 69.5
119 31.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion:152 Resp: 100920
Ion Ratio Lower Upper
152 100
115 59.3 31.1 93.3
150 158.9 0.0 343.0

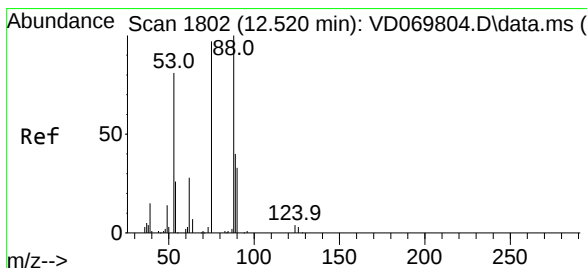
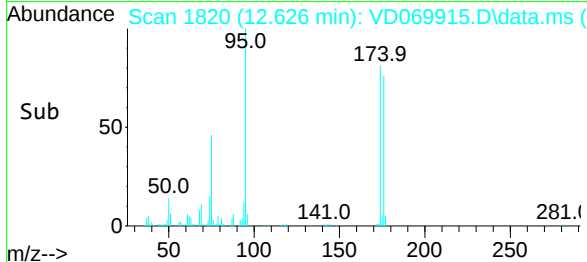
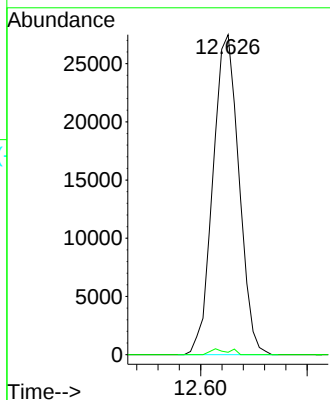
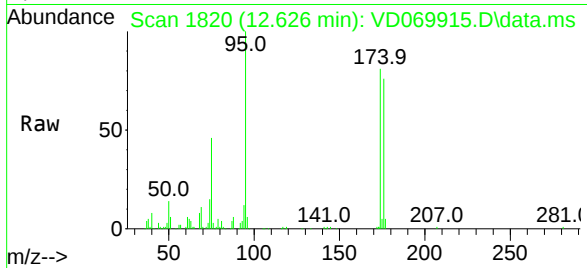




#76
1,2,3-Trichloropropane
Concen: 43.414 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

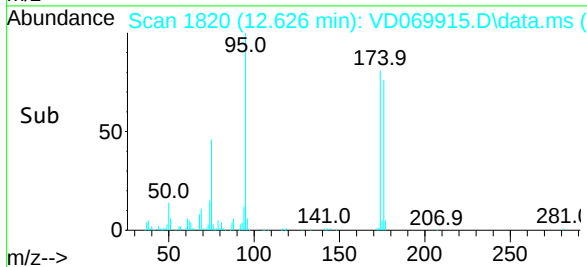
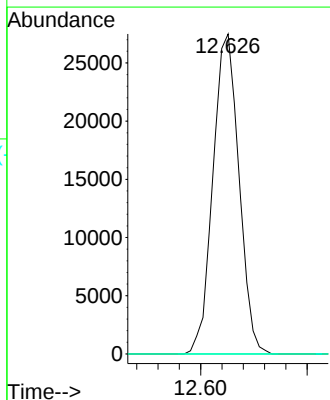
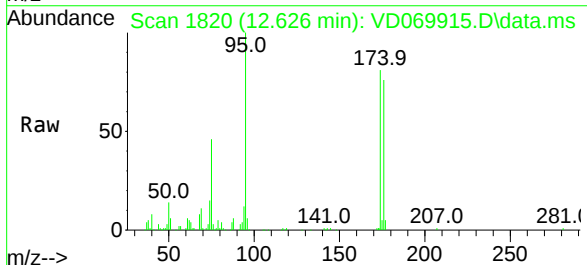
Instrument :
MSVOA_D
ClientSampleId :

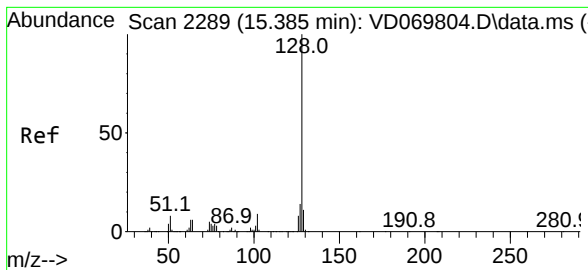
Tgt Ion: 75 Resp: 46570
Ion Ratio Lower Upper
75 100
77 1.3 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.705 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion: 75 Resp: 46570
Ion Ratio Lower Upper
75 100
53 0.0 67.2 100.8#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 5.055 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 208
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

