

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069441.D
 Acq On : 15 Jun 2021 13:11
 Operator : VA/SY
 Sample : VD0615SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 01:59:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

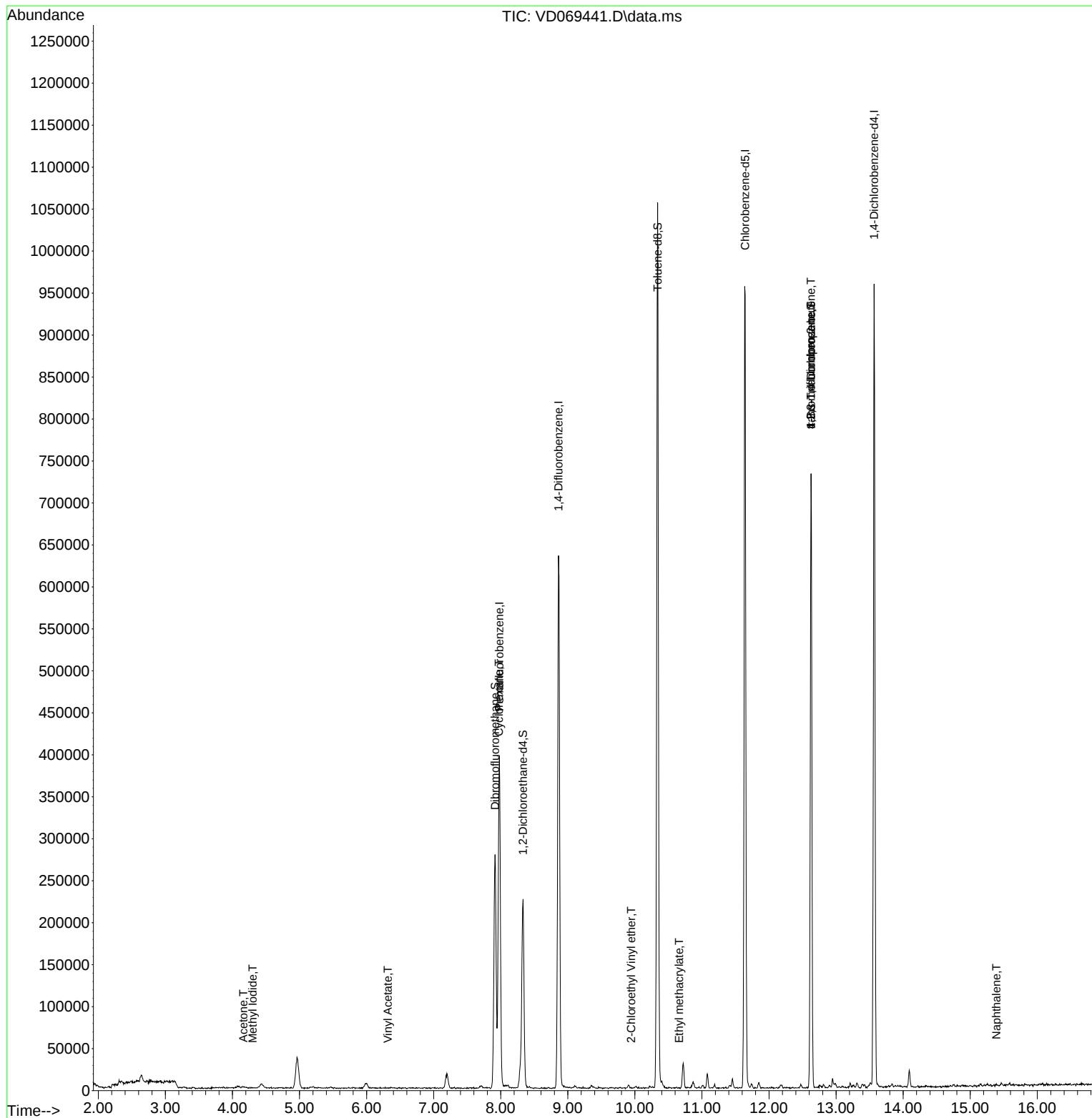
Internal Standards						
1) Pentafluorobenzene	7.979	168	294696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	567124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	584255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	180332	54.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.480%
35) Dibromofluoromethane	7.914	113	202204	47.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.338	98	726300	46.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.626	95	234773	47.096	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.200%
Target Compounds						
5) Bromomethane	2.785	94	1767	Below Cal	#	70
10) Methyl Iodide	4.303	142	993	3.595	ug/l #	47
16) Acetone	4.162	43	1643	2.986	ug/l	92
18) Methyl Acetate	4.532	43	55	Below Cal	#	46
23) Vinyl Acetate	6.314	43	356	17.647	ug/l #	67
31) Cyclohexane	7.973	56	7220	1.598	ug/l #	44
56) Ethyl methacrylate	10.661	69	74	2.842	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.944	63	75	11.978	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	113939	42.309	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	113939	112.868	ug/l #	18
95) Naphthalene	15.390	128	1343	3.706	ug/l #	75

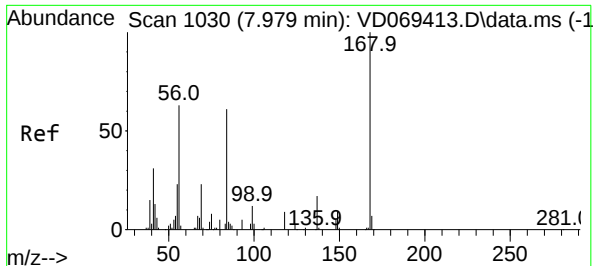
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
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Quant Time: Jun 16 01:59:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

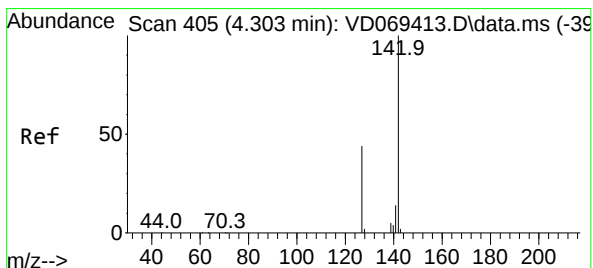
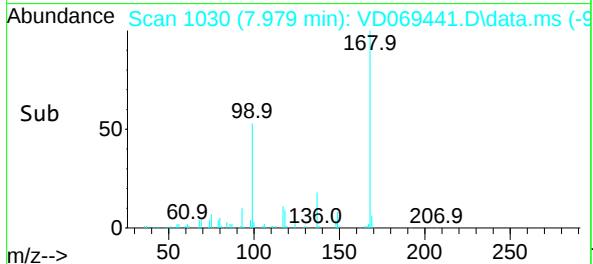
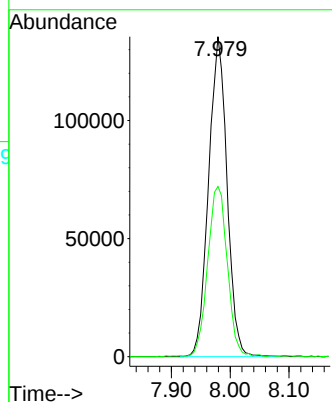
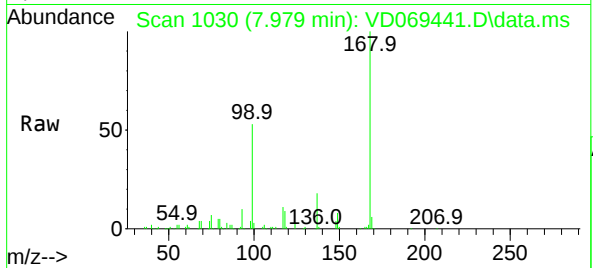




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

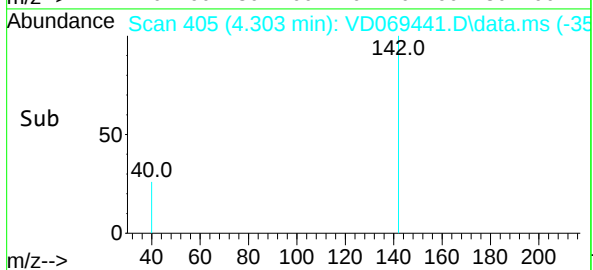
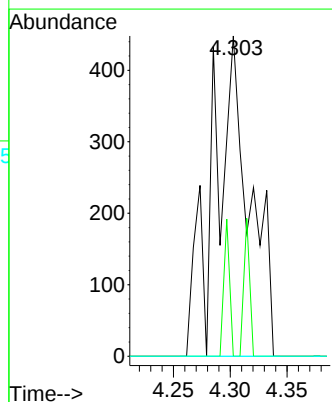
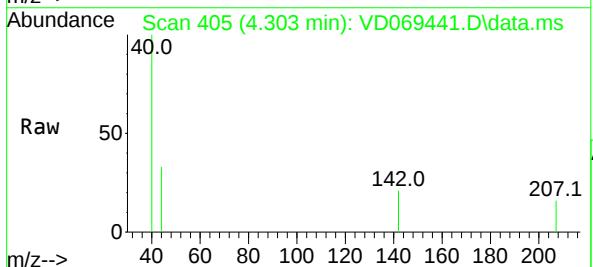
Instrument :
MSVOA_D
ClientSampleId :

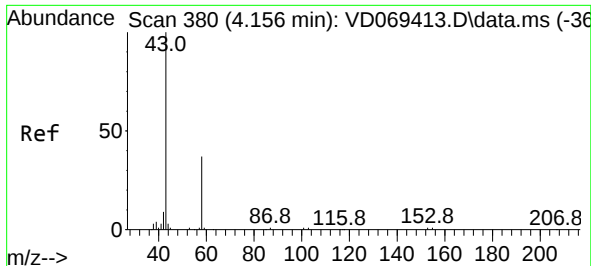
Tgt Ion:168 Resp: 294696
Ion Ratio Lower Upper
168 100
99 53.0 46.2 69.2



#10
Methyl Iodide
Concen: 3.595 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Tgt Ion:142 Resp: 993
Ion Ratio Lower Upper
142 100
127 6.8 36.2 54.2#
141 0.0 12.2 18.2#

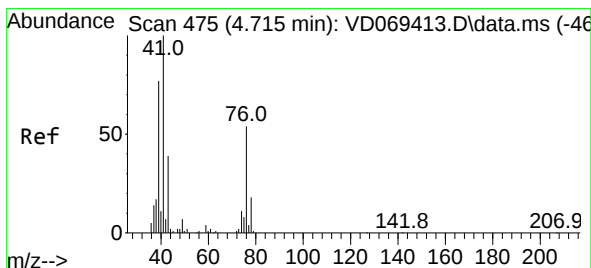
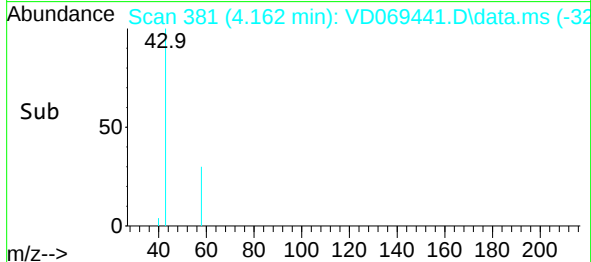
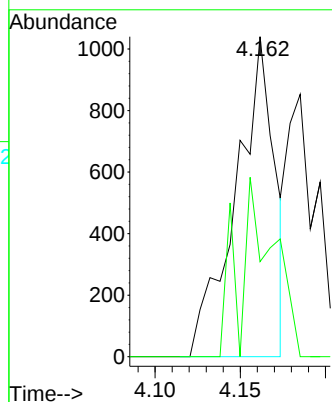
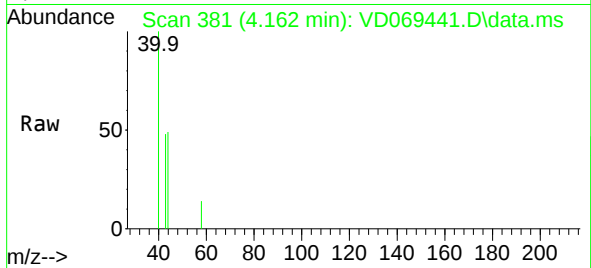




#16
Acetone
Concen: 2.986 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

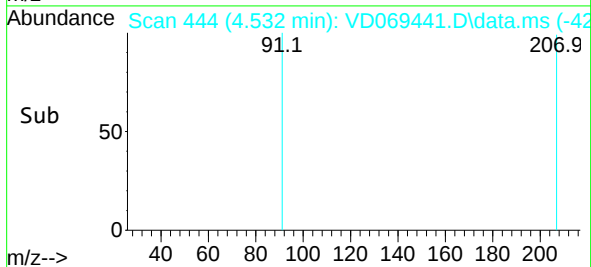
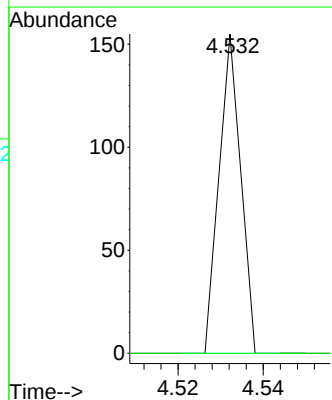
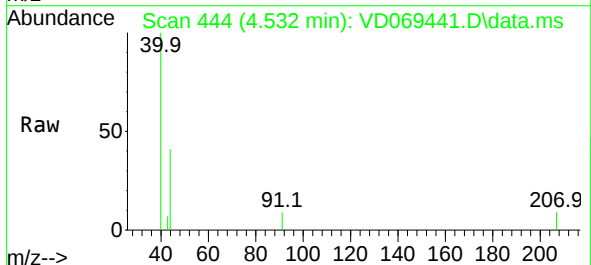
Instrument :
MSVOA_D
ClientSampled :

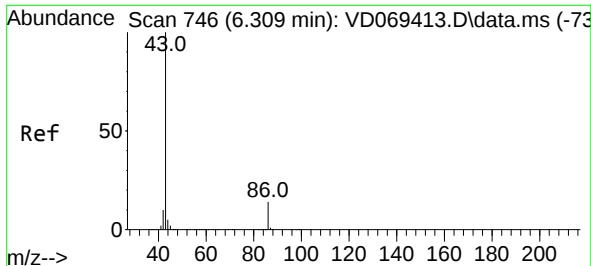
Tgt Ion: 43 Resp: 1643
Ion Ratio Lower Upper
43 100
58 29.7 27.5 41.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.532 min Scan# 444
Delta R.T. -0.183 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

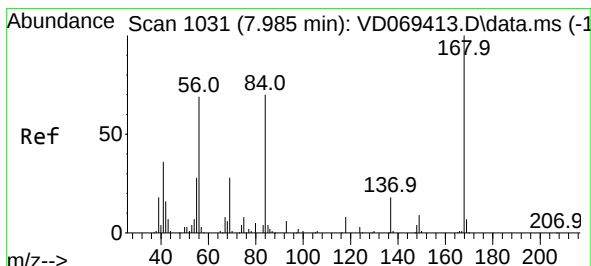
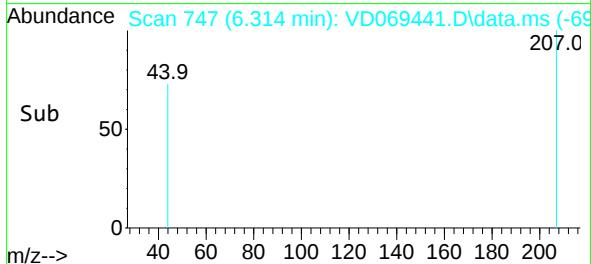
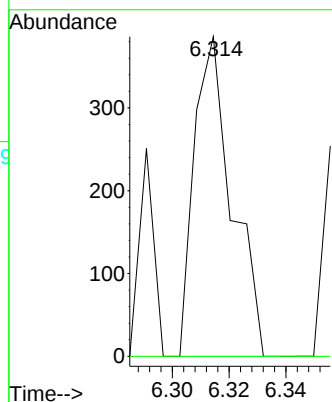
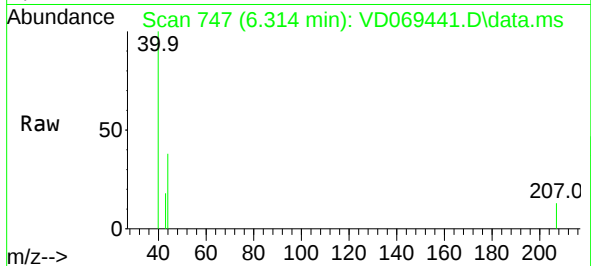




#23
 Vinyl Acetate
 Concen: 17.647 ug/l
 RT: 6.314 min Scan# 747
 Delta R.T. 0.005 min
 Lab File: VD069441.D
 Acq: 15 Jun 2021 13:11

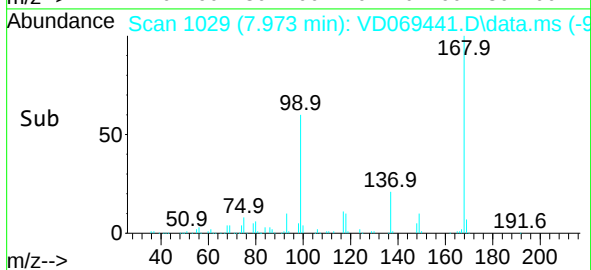
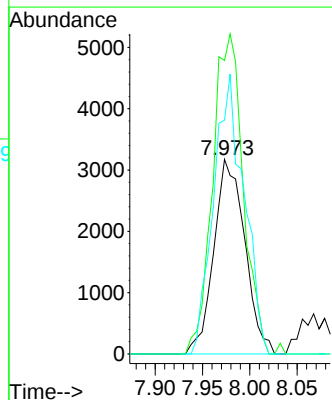
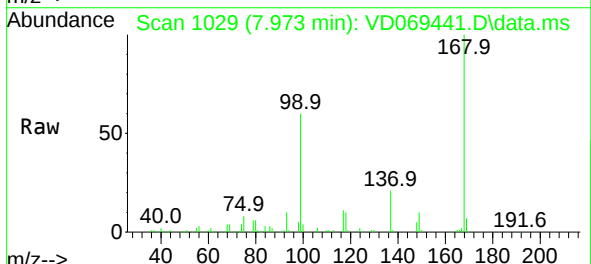
Instrument :
 MSVOA_D
 ClientSampled :

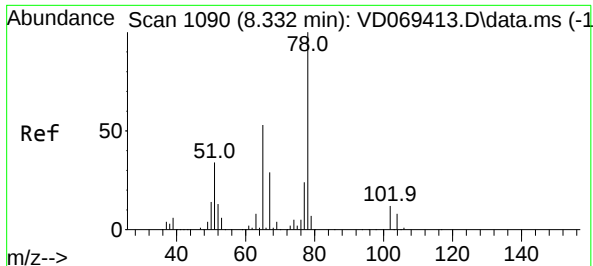
Tgt Ion: 43 Resp: 356
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.598 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD069441.D
 Acq: 15 Jun 2021 13:11

Tgt Ion: 56 Resp: 7220
 Ion Ratio Lower Upper
 56 100
 69 141.9 29.0 43.4#
 84 113.0 81.1 121.7

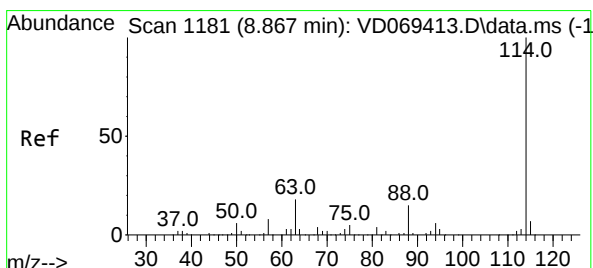
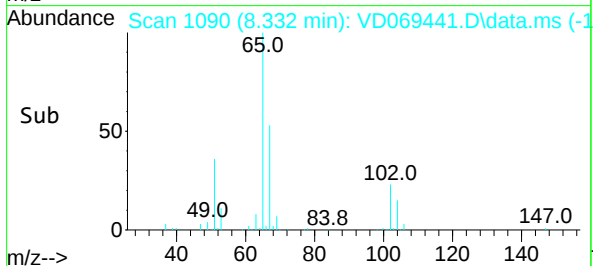
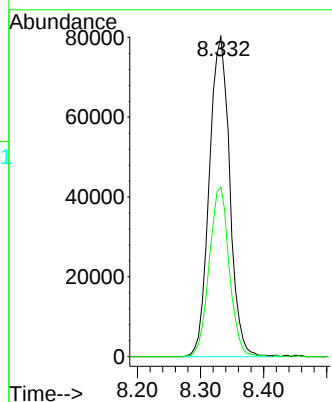
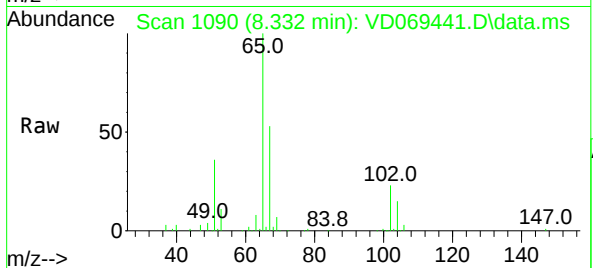




#33
1,2-Dichloroethane-d4
Concen: 54.241 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

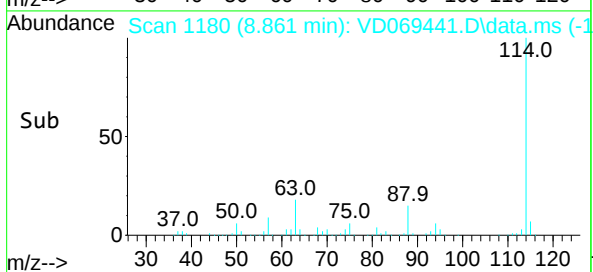
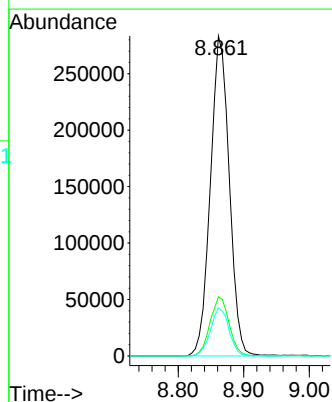
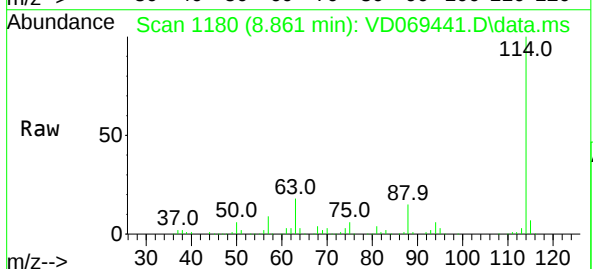
Instrument :
MSVOA_D
ClientSampleId :

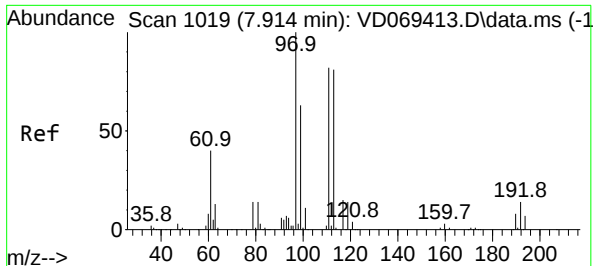
Tgt Ion: 65 Resp: 180332
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Tgt Ion: 114 Resp: 567124
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.6
88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.602 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069441.D

Acq: 15 Jun 2021 13:11

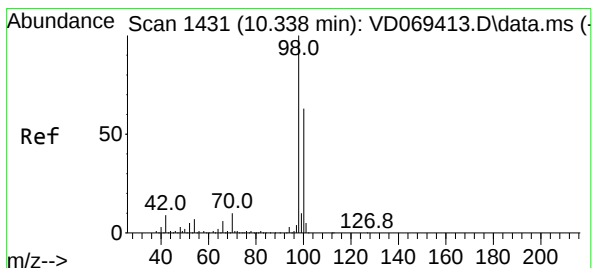
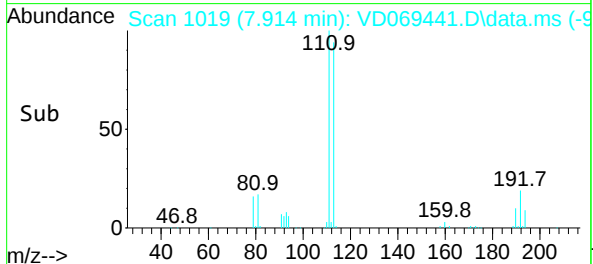
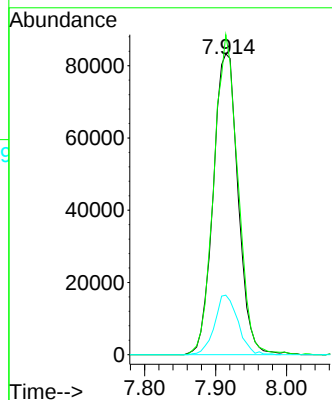
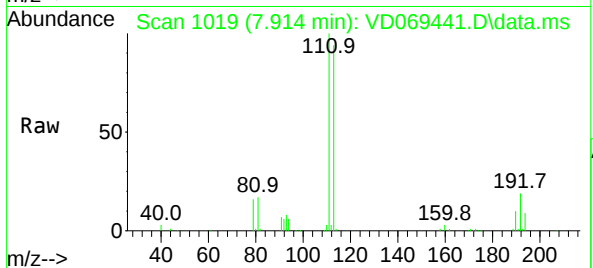
Tgt Ion:113 Resp: 202204

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 18.6 15.1 22.7



#50

Toluene-d8

Concen: 46.749 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069441.D

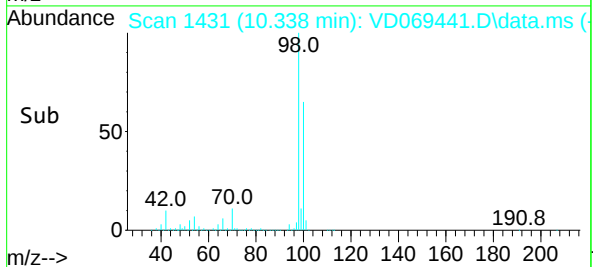
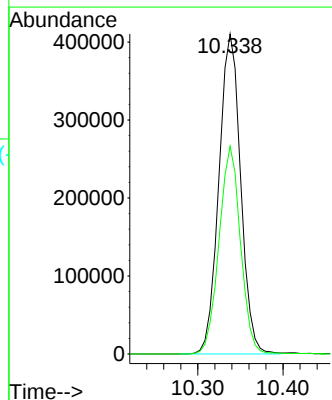
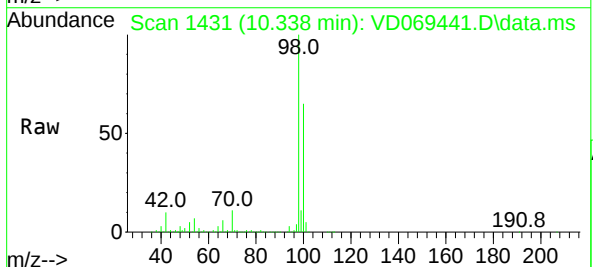
Acq: 15 Jun 2021 13:11

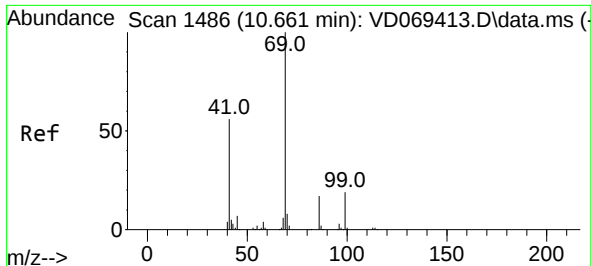
Tgt Ion: 98 Resp: 726300

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1

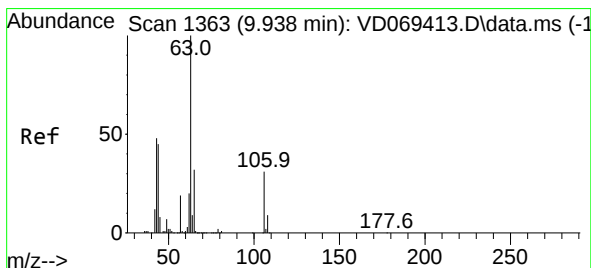
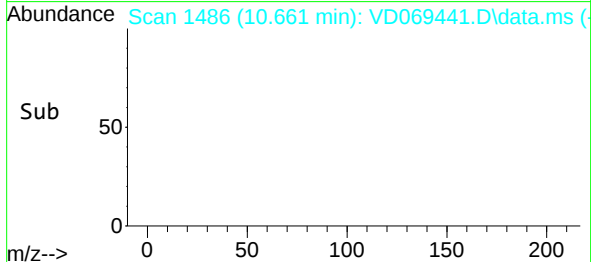
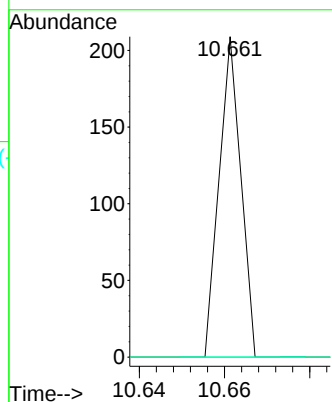
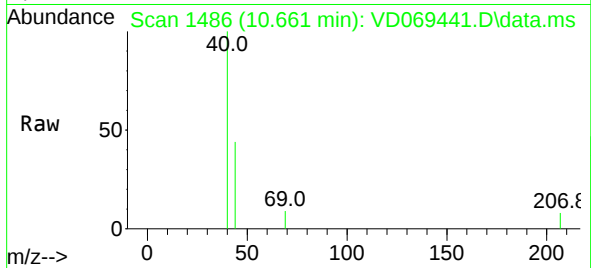




#56
Ethyl methacrylate
Concen: 2.842 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

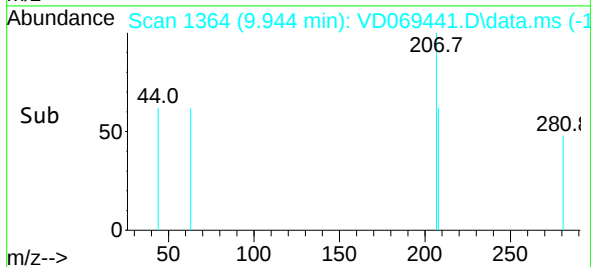
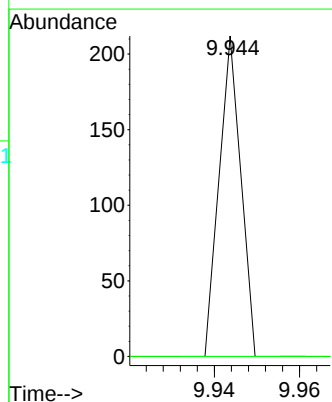
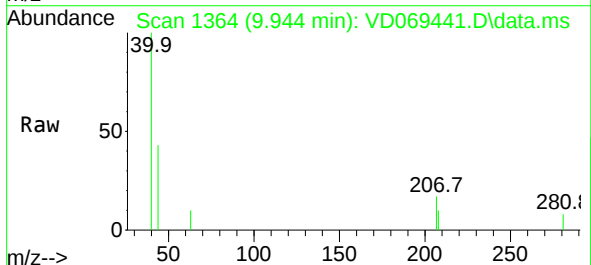
Instrument :
MSVOA_D
ClientSampleId :

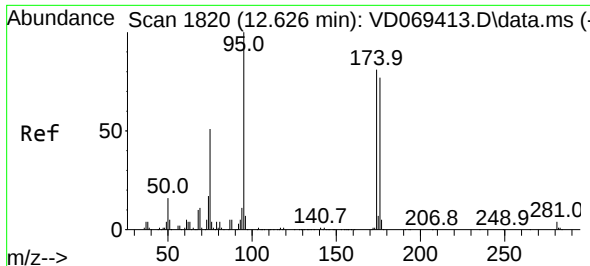
Tgt Ion: 69 Resp: 74
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#



#58
2-Chloroethyl Vinyl ether
Concen: 11.978 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Tgt Ion: 63 Resp: 75
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#

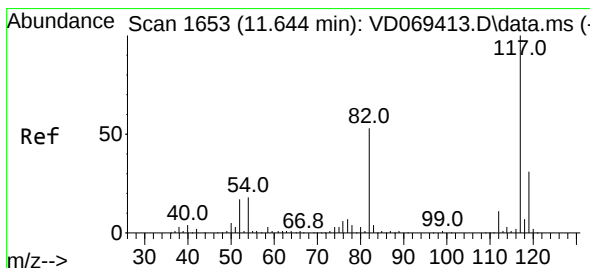
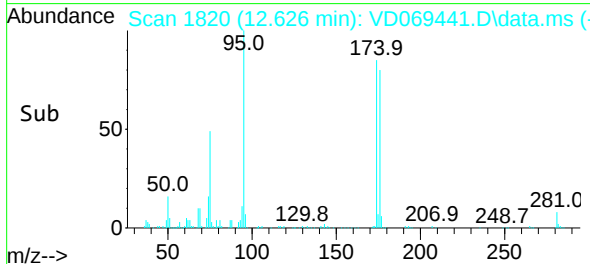
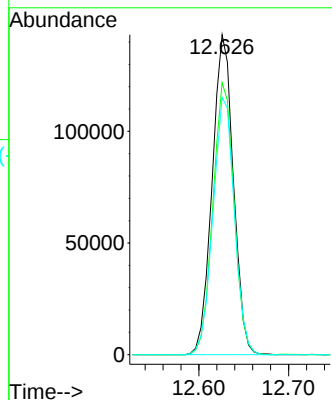
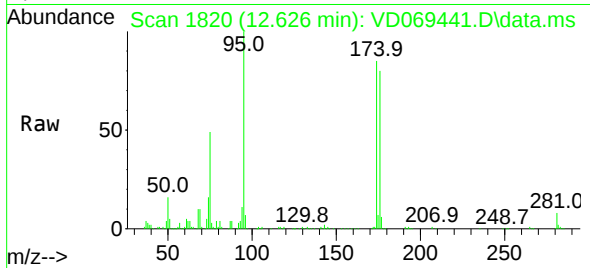




#62
4-Bromofluorobenzene
Concen: 47.096 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

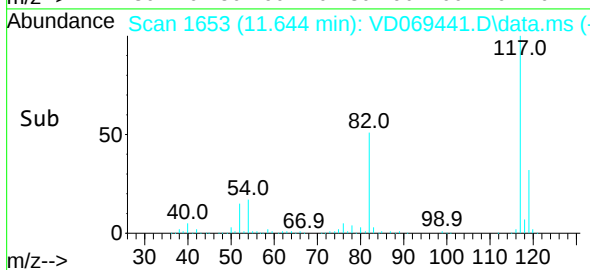
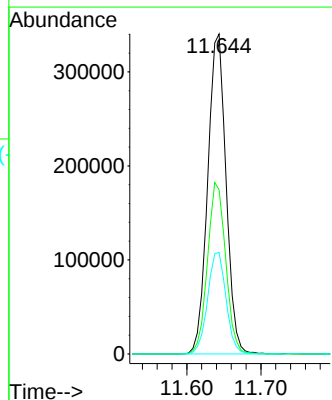
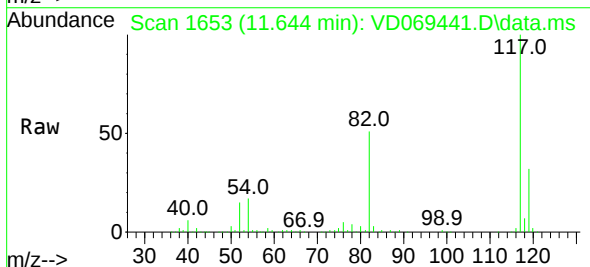
Instrument :
MSVOA_D
ClientSampleId :

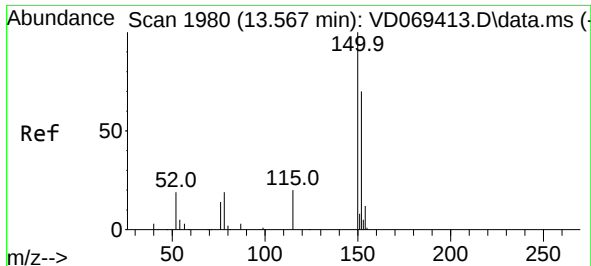
Tgt Ion: 95 Resp: 234773
Ion Ratio Lower Upper
95 100
174 84.9 0.0 162.8
176 81.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Tgt Ion: 117 Resp: 584255
Ion Ratio Lower Upper
117 100
82 51.3 43.3 64.9
119 31.7 25.3 37.9

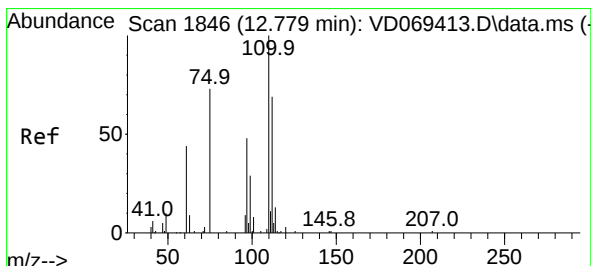
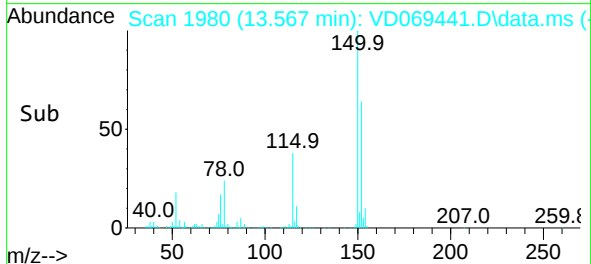
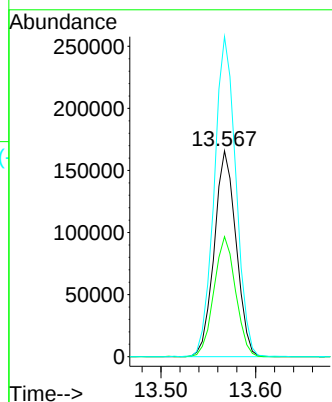
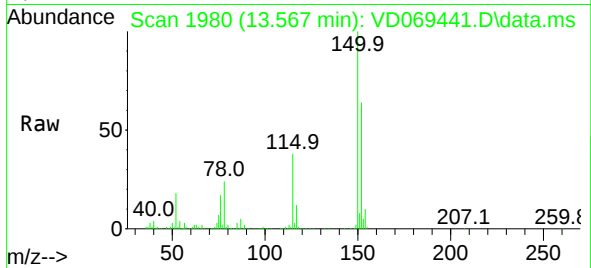




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069441.D
 Acq: 15 Jun 2021 13:11

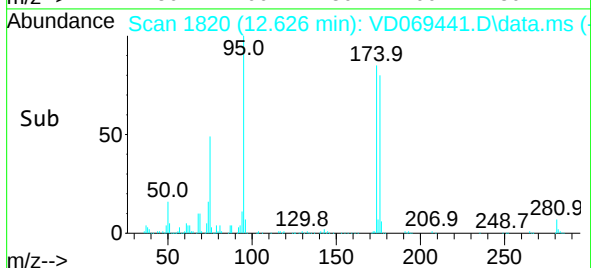
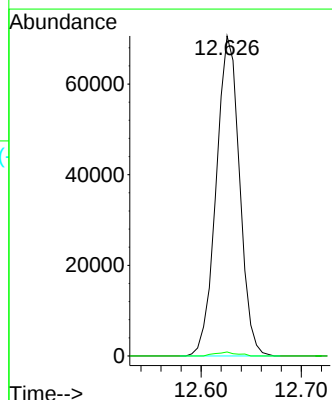
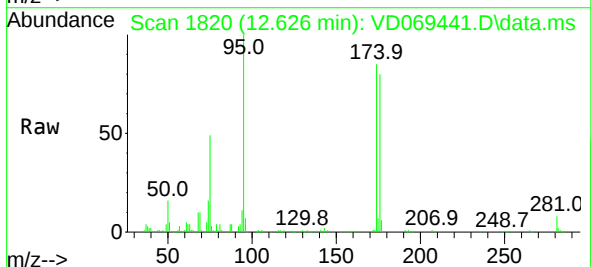
Instrument :
 MSVOA_D
 ClientSampled :

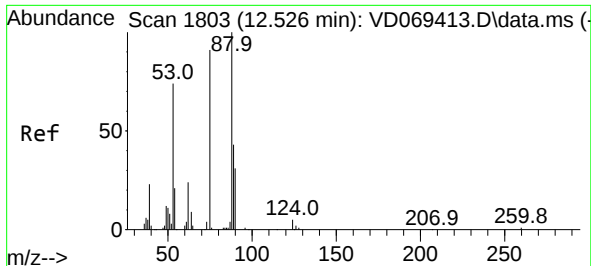
Tgt Ion:152 Resp: 265631
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.4 88.3
 150 155.0 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 42.309 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD069441.D
 Acq: 15 Jun 2021 13:11

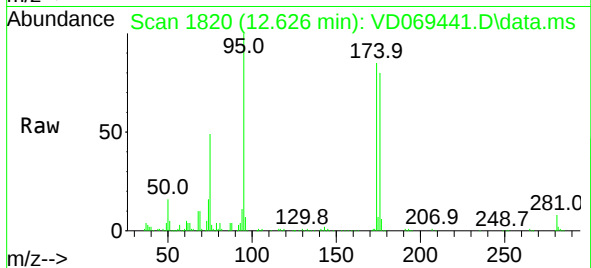
Tgt Ion: 75 Resp: 113939
 Ion Ratio Lower Upper
 75 100
 77 1.2 183.8 551.2#



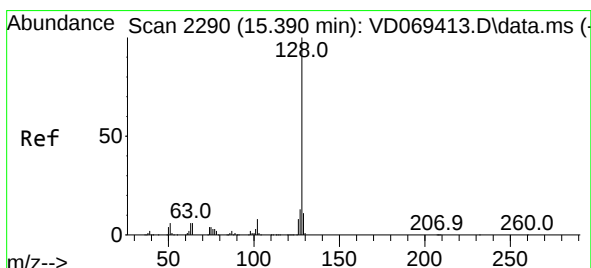
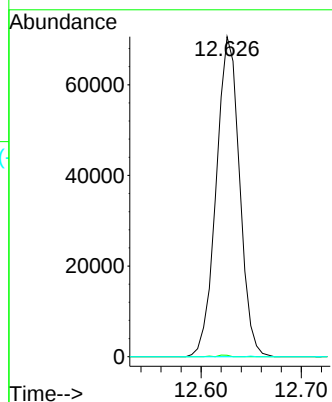
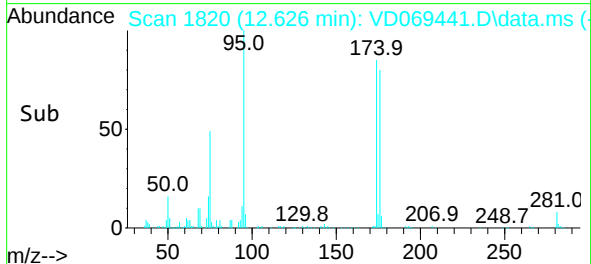


#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.868 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069441.D
 Acq: 15 Jun 2021 13:11

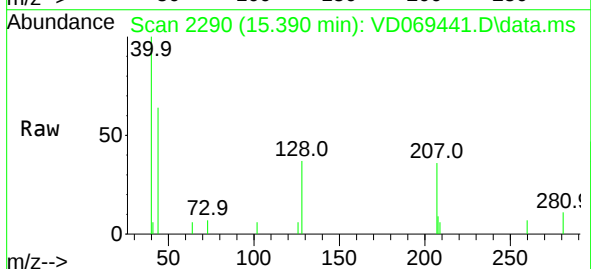
Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 113939
 Ion Ratio Lower Upper
 75 100
 53 0.3 62.6 94.0#
 89 0.0 35.6 53.4#



#95
 Naphthalene
 Concen: 3.706 ug/l
 RT: 15.390 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: VD069441.D
 Acq: 15 Jun 2021 13:11



Tgt Ion: 128 Resp: 1343
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 5.0 8.8 13.2#

