

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060121\
 Data File : VD069290.D
 Acq On : 01 Jun 2021 18:25
 Operator : VA/SY
 Sample : M2560-03
 Misc : 6.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 02 02:49:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

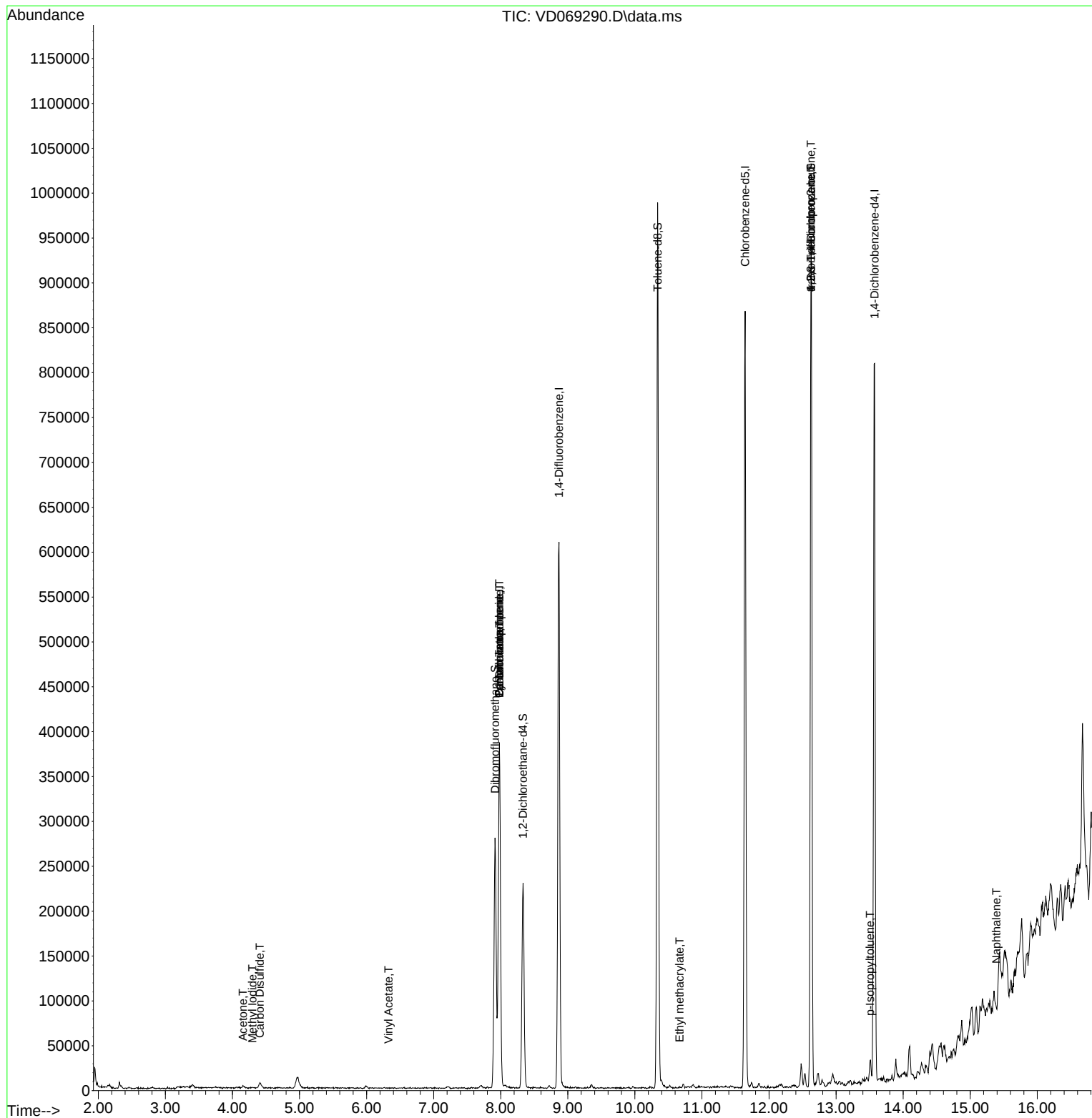
Internal Standards						
1) Pentafluorobenzene	7.979	168	281824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	557659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	525055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	227688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184169	68.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.22%			
35) Dibromofluoromethane	7.914	113	198629	56.72	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.44%			
50) Toluene-d8	10.338	98	680518	53.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.88%			
62) 4-Bromofluorobenzene	12.626	95	232179	55.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.28%			
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	393	2.63	ug/l #	39
11) Tert butyl alcohol	5.215	59	65	Below Cal	#	73
16) Acetone	4.156	43	3287	6.97	ug/l	98
17) Carbon Disulfide	4.409	76	11775	1.26	ug/l #	92
20) Methylene Chloride	4.973	84	10946	Below Cal	#	85
23) Vinyl Acetate	6.326	43	68	11.63	ug/l #	67
31) Cyclohexane	7.979	56	6868	1.60	ug/l #	45
36) 1,1-Dichloropropene	7.979	75	22705	4.19	ug/l #	49
38) Carbon Tetrachloride	7.979	117	28804	4.92	ug/l #	18
56) Ethyl methacrylate	10.667	69	267	2.71	ug/l #	53
76) 1,2,3-Trichloropropane	12.626	75	115531	58.40	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	115531	129.42	ug/l #	19
86) p-Isopropyltoluene	13.508	119	14405	1.01	ug/l	95
95) Naphthalene	15.391	128	2576	3.61	ug/l #	85

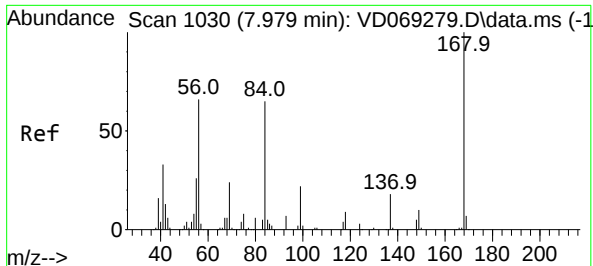
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 02 02:49:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

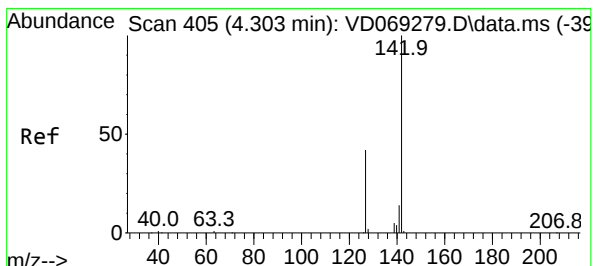
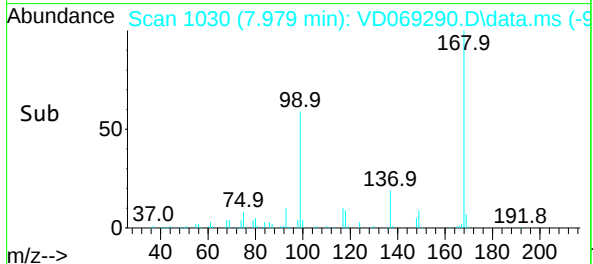
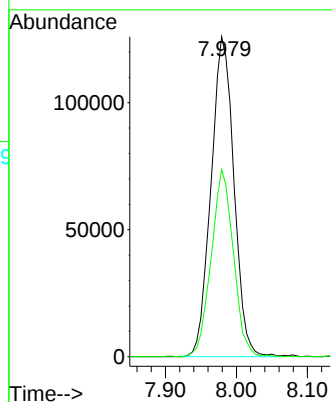
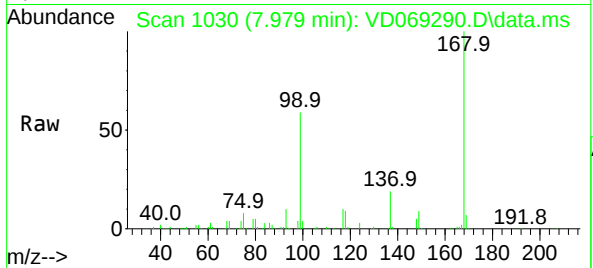




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

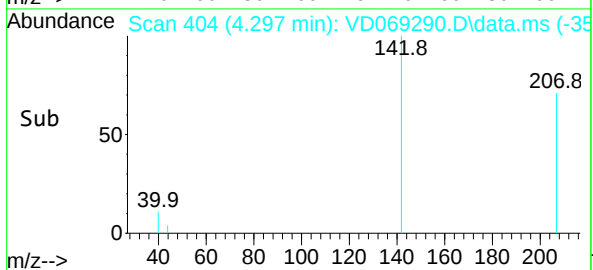
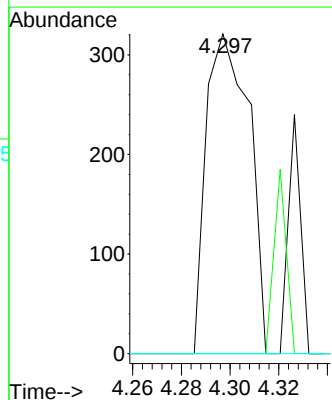
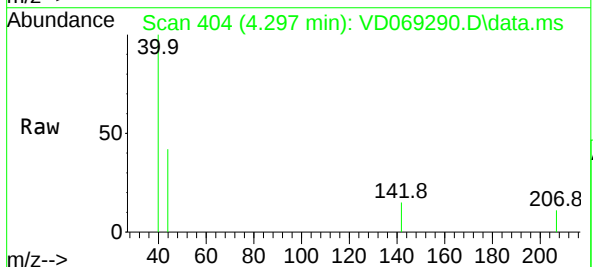
Instrument :
MSVOA_D
ClientSampled :

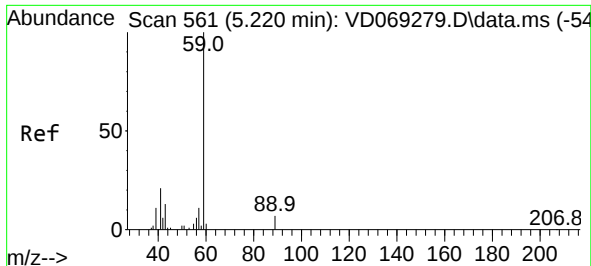
Tgt Ion:168 Resp: 281824
Ion Ratio Lower Upper
168 100
99 58.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.63 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Tgt Ion:142 Resp: 393
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

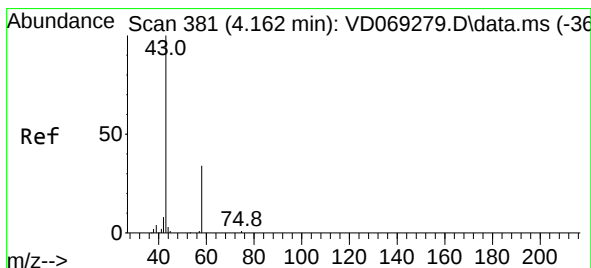
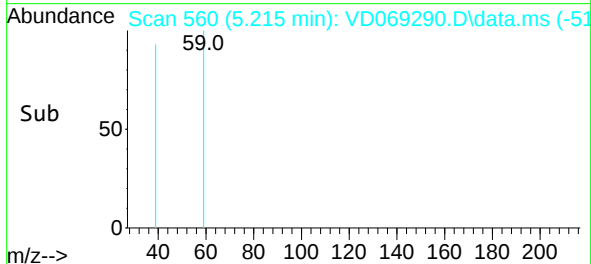
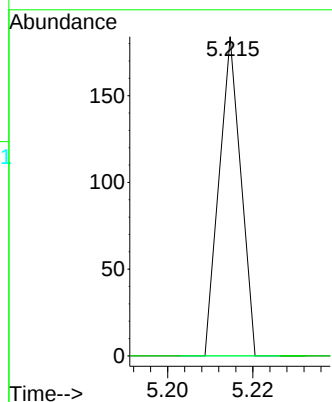
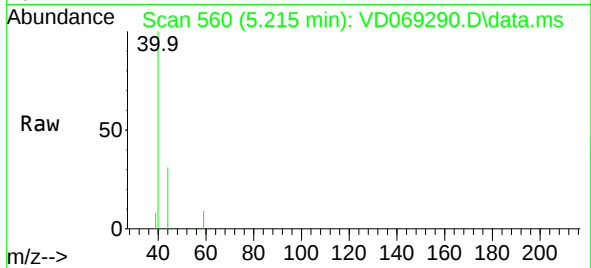




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

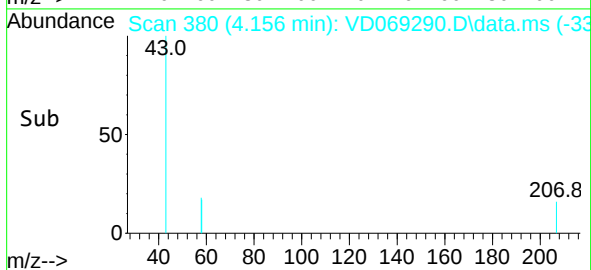
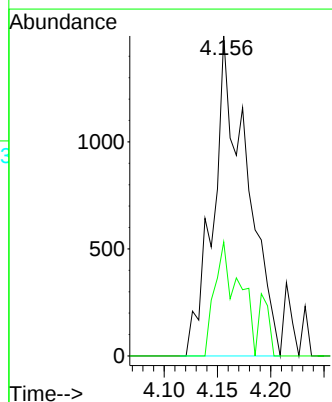
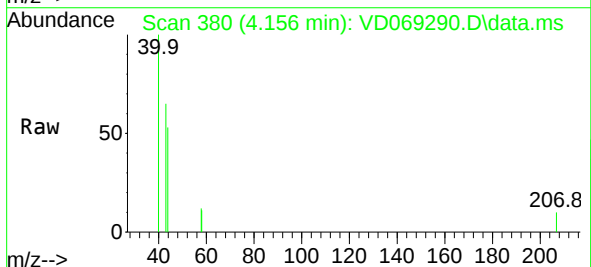
Instrument :
MSVOA_D
ClientSampled :

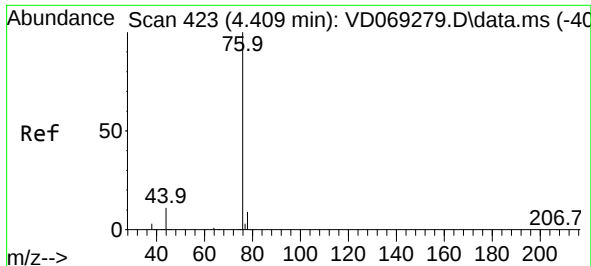
Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 6.97 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

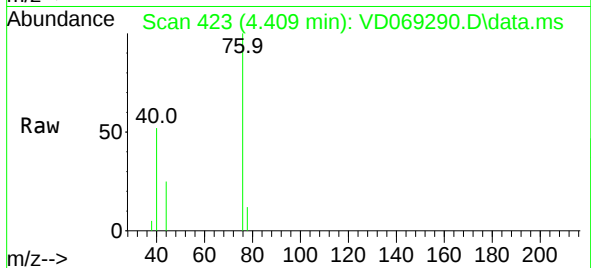
Tgt Ion: 43 Resp: 3287
Ion Ratio Lower Upper
43 100
58 35.7 27.5 41.3



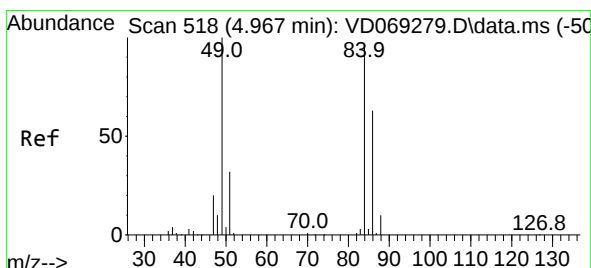
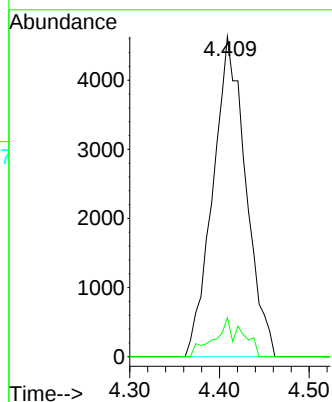
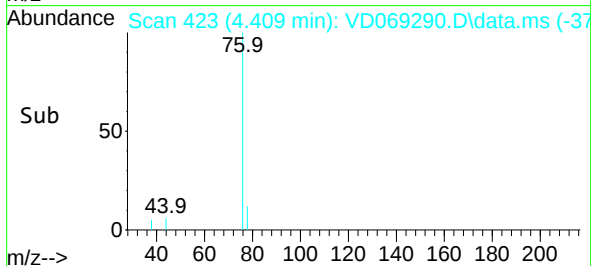


#17
Carbon Disulfide
Concen: 1.26 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

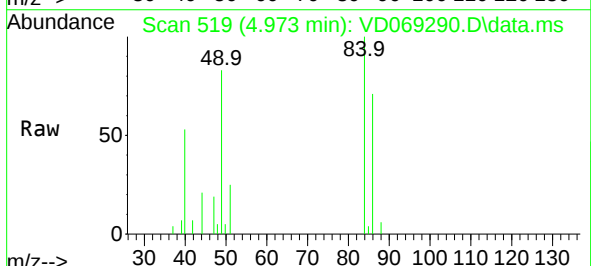
Instrument :
MSVOA_D
ClientSampled :



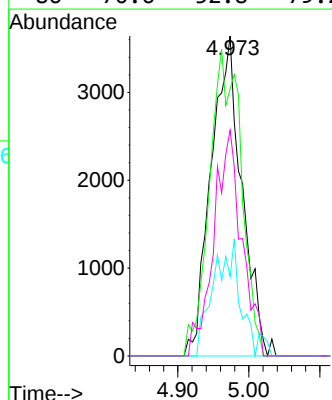
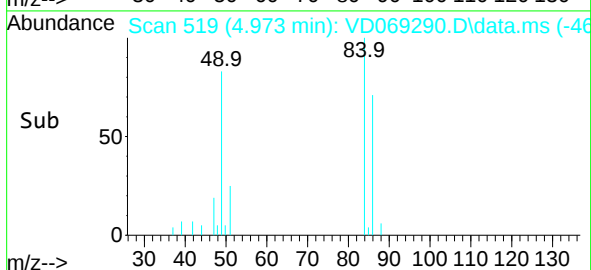
Tgt Ion: 76 Resp: 11775
Ion Ratio Lower Upper
76 100
78 12.2 7.4 11.0#

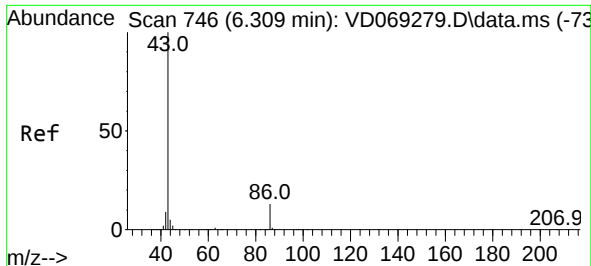


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25



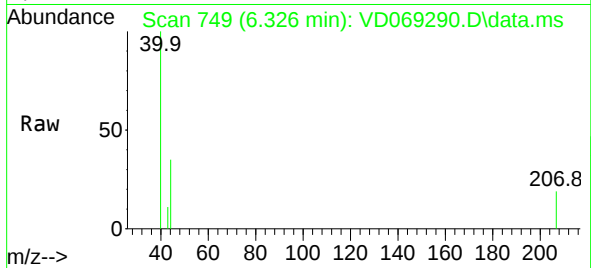
Tgt Ion: 84 Resp: 10946
Ion Ratio Lower Upper
84 100
49 83.4 83.7 125.5#
51 24.8 26.4 39.6#
86 70.6 52.8 79.2



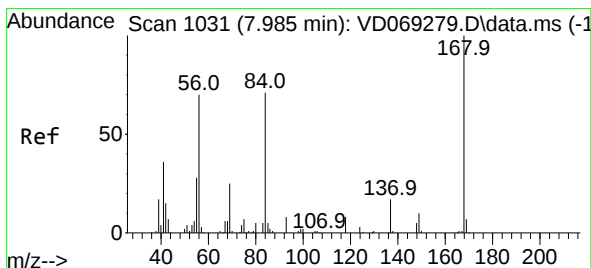
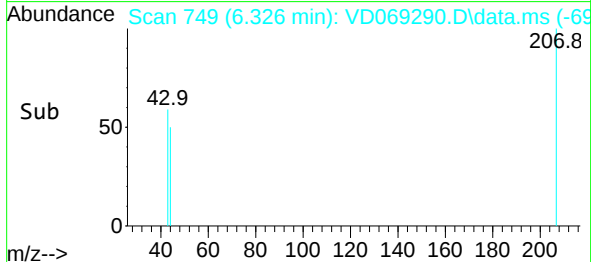
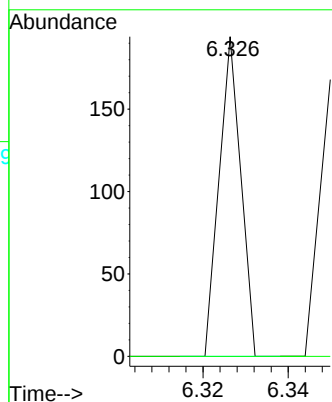


#23
 Vinyl Acetate
 Concen: 11.63 ug/l
 RT: 6.326 min Scan# 749
 Delta R.T. 0.017 min
 Lab File: VD069290.D
 Acq: 01 Jun 2021 18:25

Instrument :
 MSVOA_D
 ClientSampled :

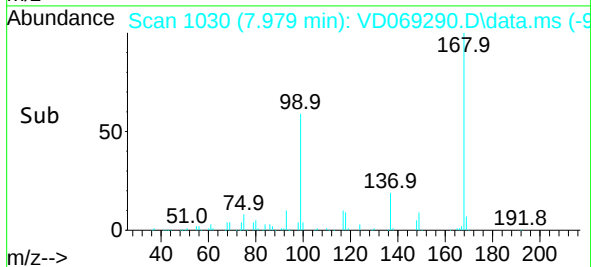
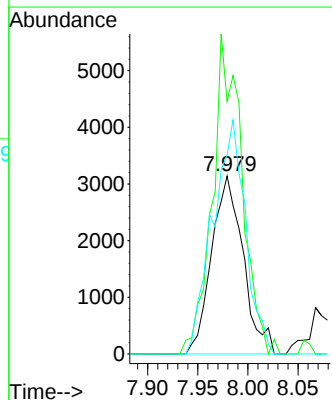
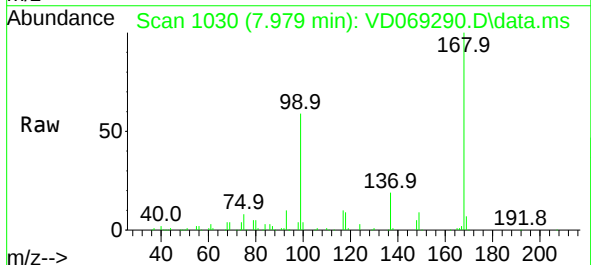


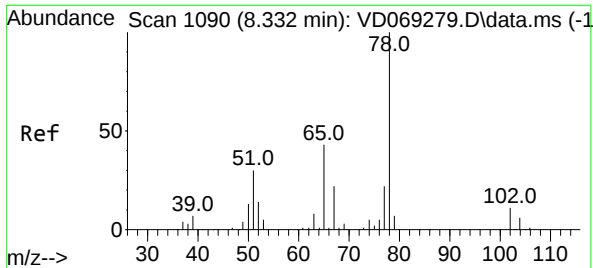
Tgt Ion: 43 Resp: 68
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.60 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069290.D
 Acq: 01 Jun 2021 18:25

Tgt Ion: 56 Resp: 6868
 Ion Ratio Lower Upper
 56 100
 69 142.1 29.0 43.4#
 84 111.9 81.1 121.7

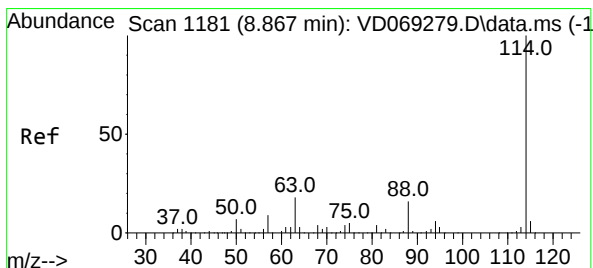
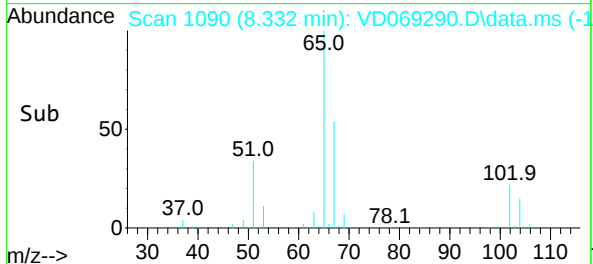
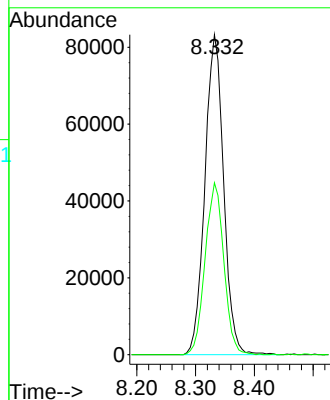
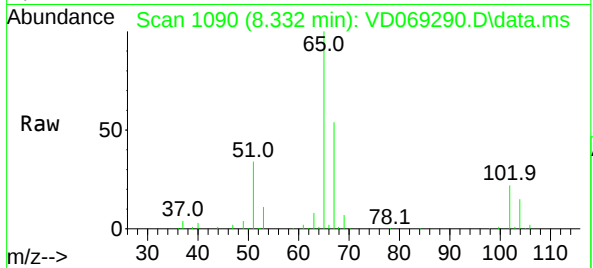




#33
1,2-Dichloroethane-d4
Concen: 68.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

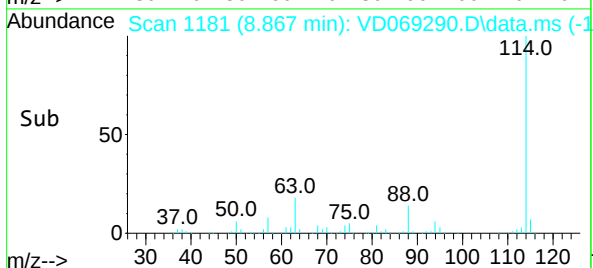
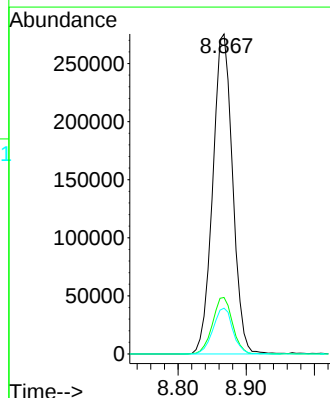
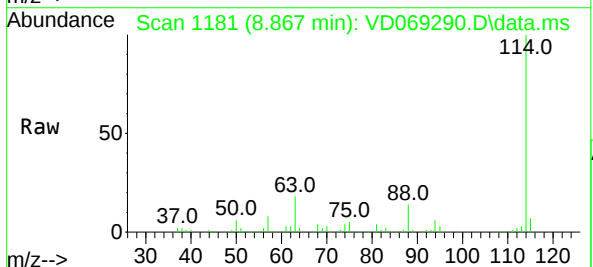
Instrument :
MSVOA_D
ClientSampleId :

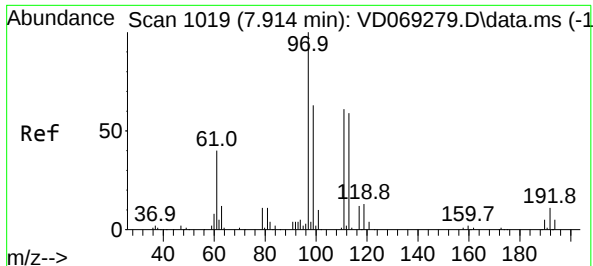
Tgt Ion: 65 Resp: 184169
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Tgt Ion: 114 Resp: 557659
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 14.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 56.72 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069290.D

Acq: 01 Jun 2021 18:25

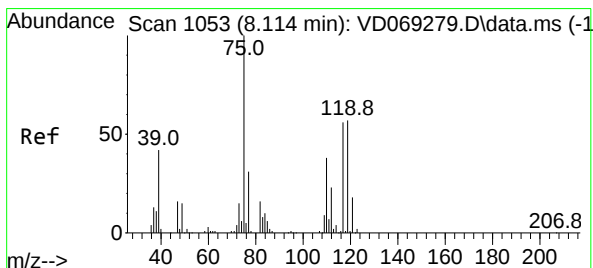
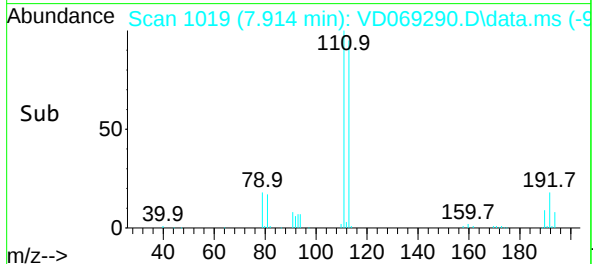
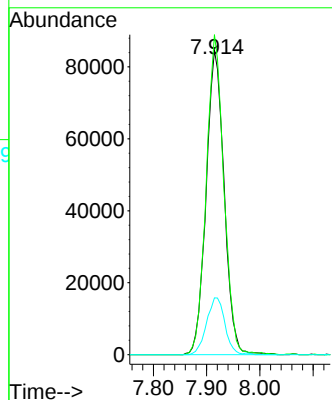
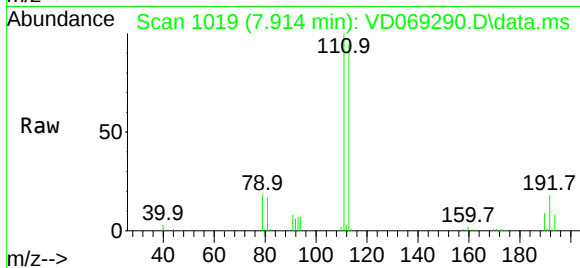
Tgt Ion:113 Resp: 198629

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

192 19.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.19 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069290.D

Acq: 01 Jun 2021 18:25

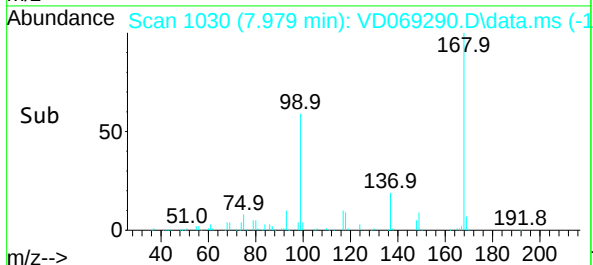
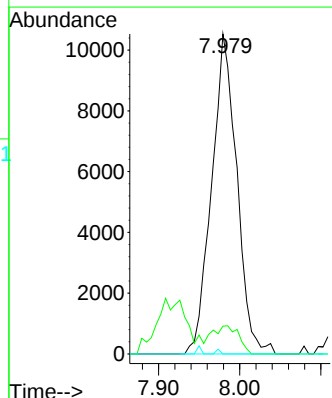
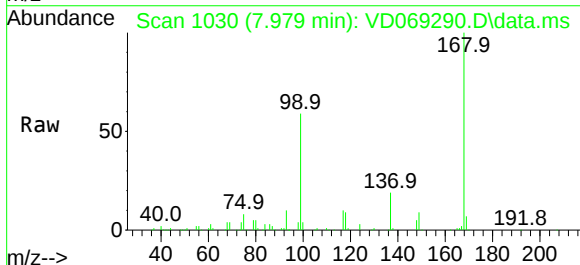
Tgt Ion: 75 Resp: 22705

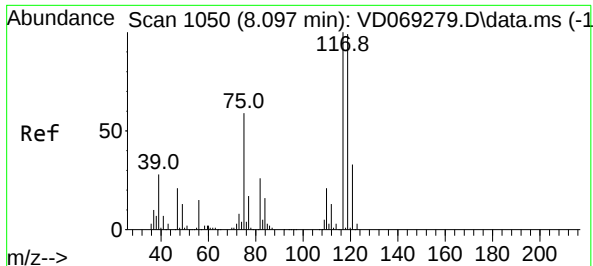
Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

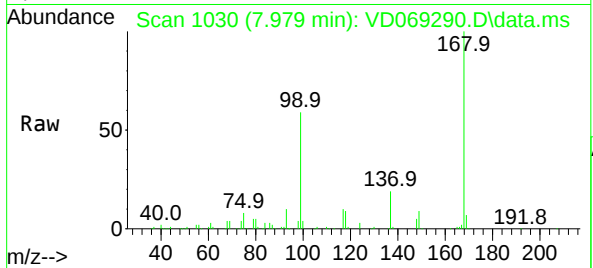
77 0.2 24.9 37.3#



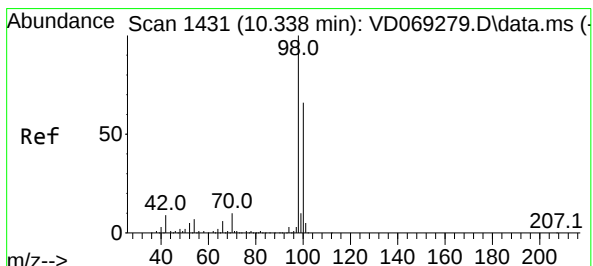
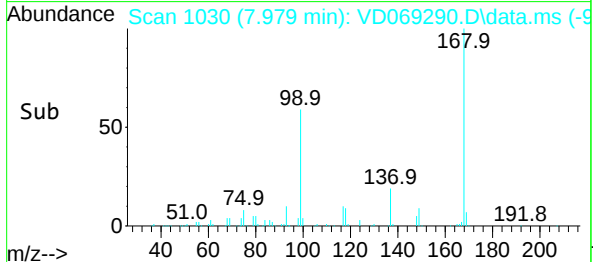
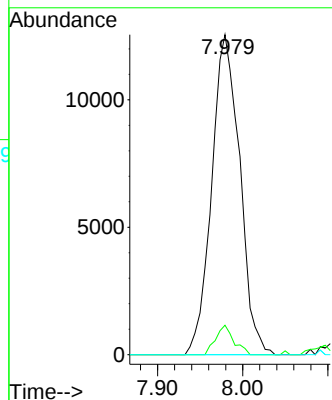


#38
Carbon Tetrachloride
Concen: 4.92 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Instrument :
MSVOA_D
ClientSampled :

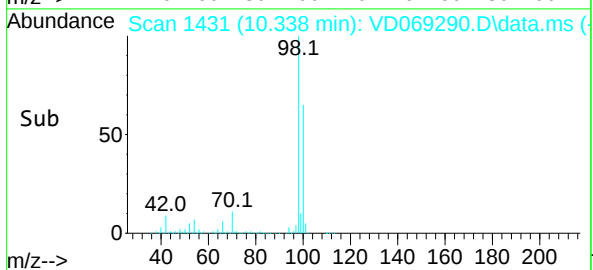
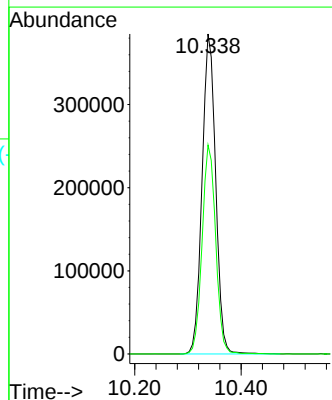
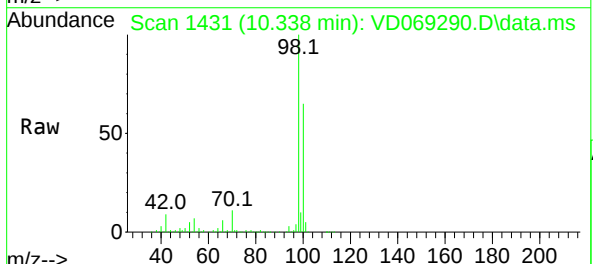


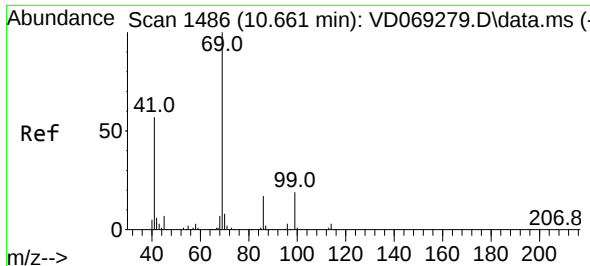
Tgt Ion:117 Resp: 28804
Ion Ratio Lower Upper
117 100
119 9.2 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.44 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Tgt Ion: 98 Resp: 680518
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

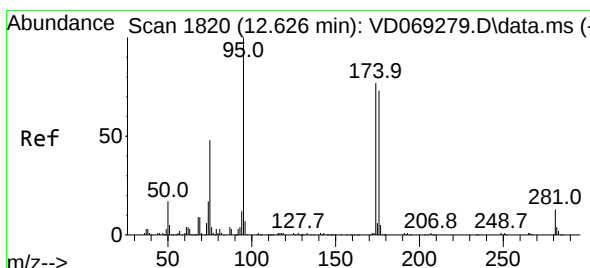
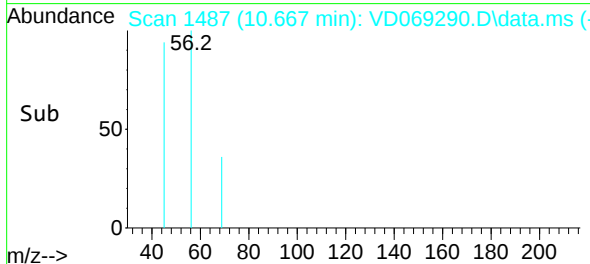
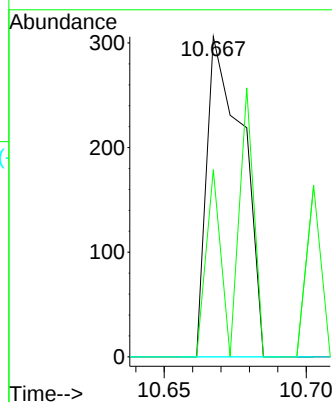
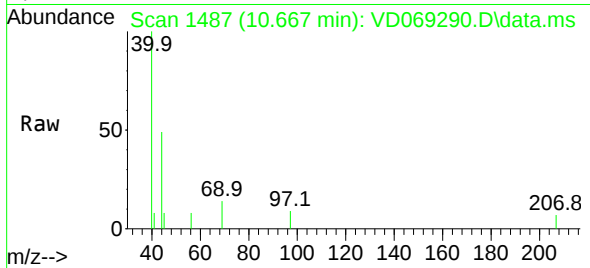




#56
Ethyl methacrylate
Concen: 2.71 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

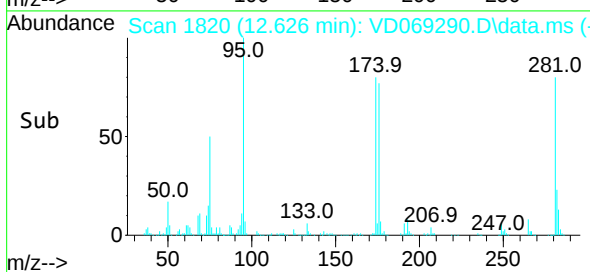
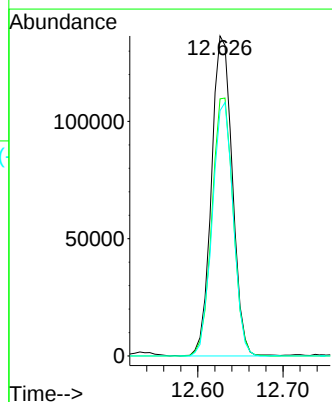
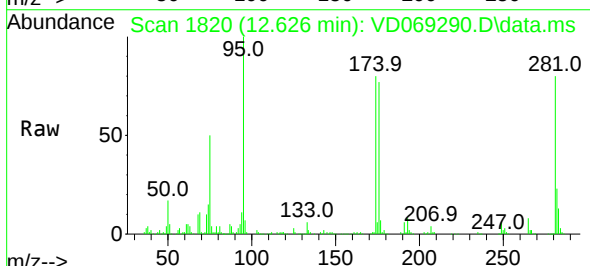
Instrument :
MSVOA_D
ClientSampled :

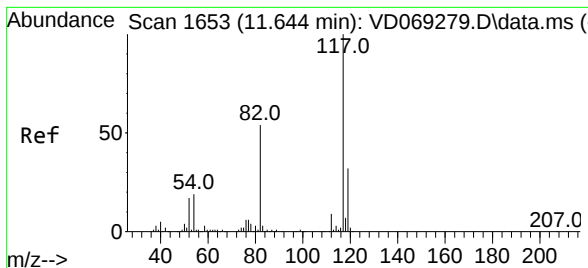
Tgt Ion: 69 Resp: 267
Ion Ratio Lower Upper
69 100
41 23.6 45.4 68.2#
39 0.0 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 55.64 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Tgt Ion: 95 Resp: 232179
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.8
176 79.1 0.0 154.4

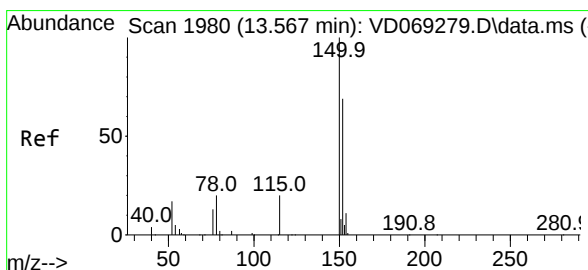
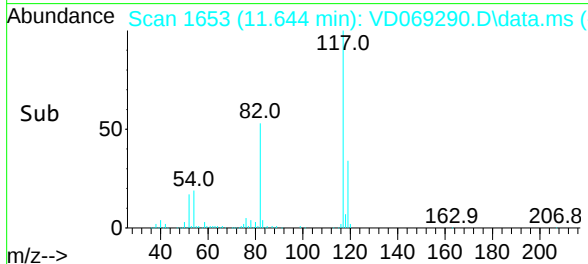
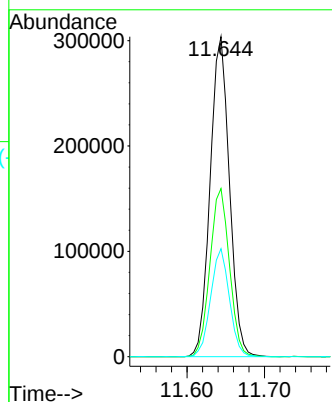
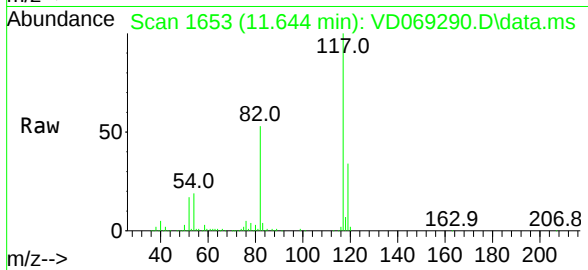




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

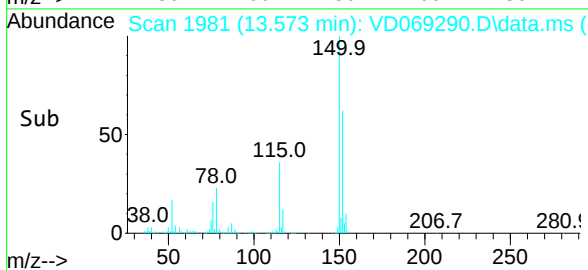
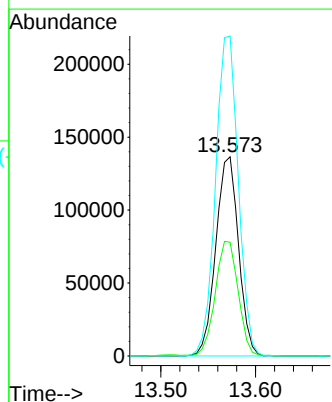
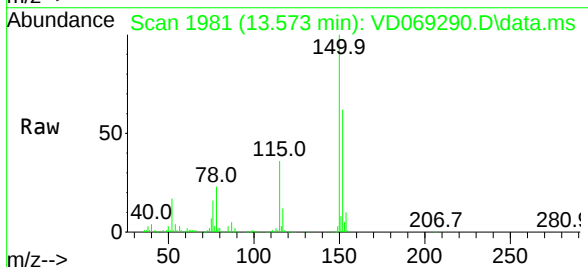
Instrument :
MSVOA_D
ClientSampleId :

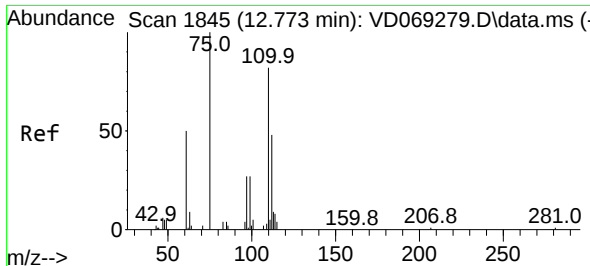
Tgt Ion:117 Resp: 525055
Ion Ratio Lower Upper
117 100
82 52.6 43.3 64.9
119 33.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Tgt Ion:152 Resp: 227688
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.3
150 161.0 0.0 355.0

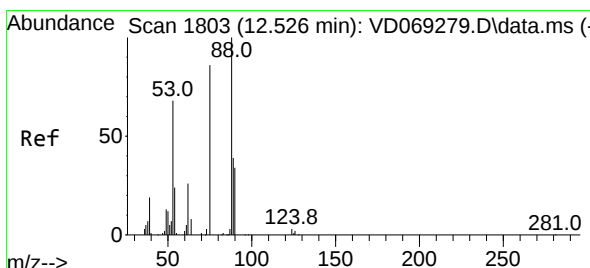
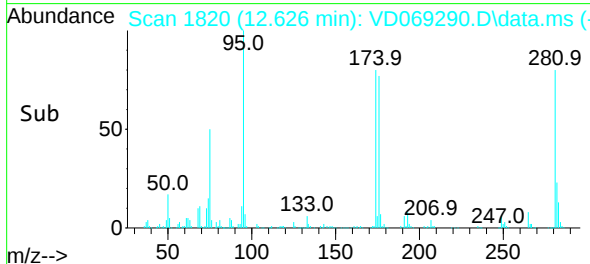
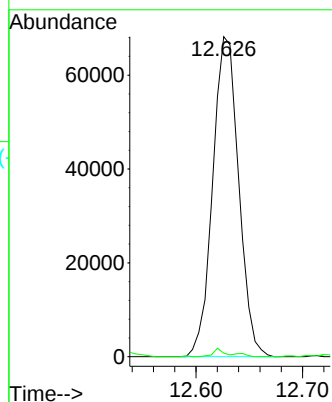
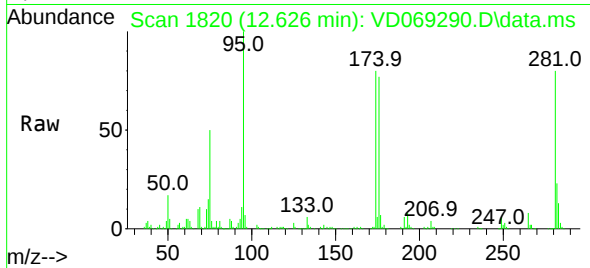




#76
1,2,3-Trichloropropane
Concen: 58.40 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

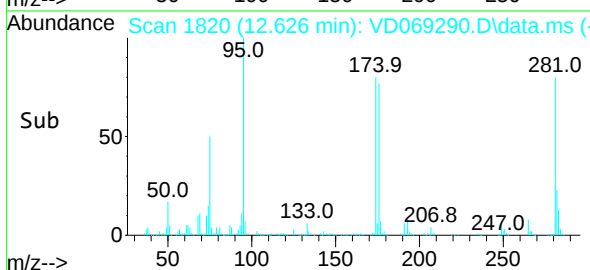
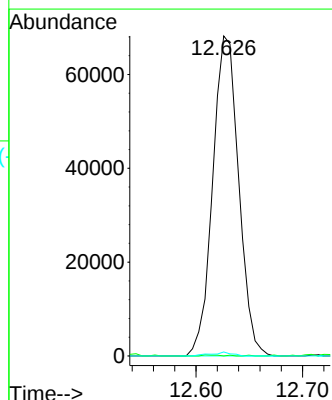
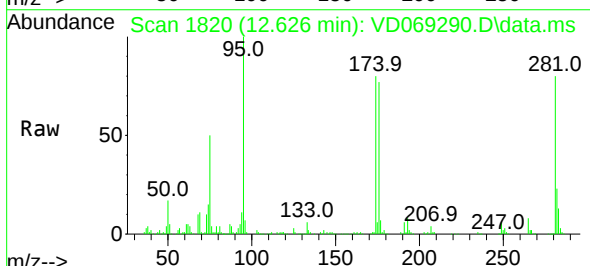
Instrument :
MSVOA_D
ClientSampleId :

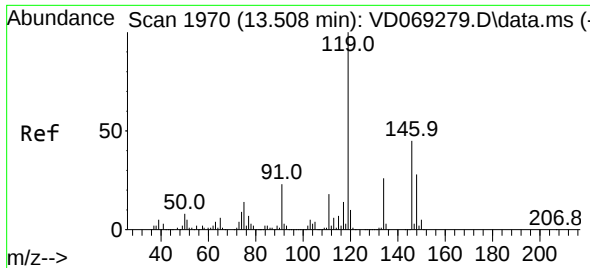
Tgt Ion: 75 Resp: 115531
Ion Ratio Lower Upper
75 100
77 1.1 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.42 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Tgt Ion: 75 Resp: 115531
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 1.0 35.6 53.4#

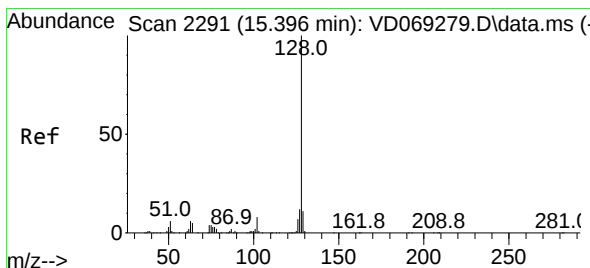
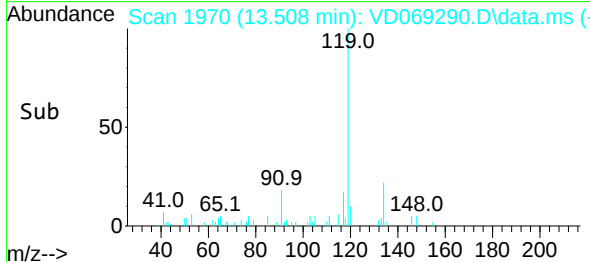
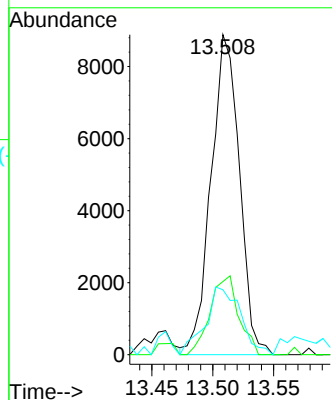
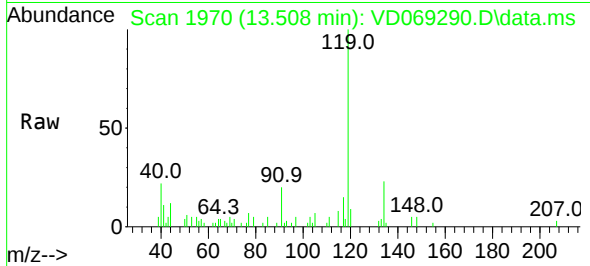




#86
p-Isopropyltoluene
Concen: 1.01 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:119 Resp: 14405
Ion Ratio Lower Upper
119 100
134 24.8 13.0 39.0
91 26.1 11.3 33.8



#95
Naphthalene
Concen: 3.61 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. -0.005 min
Lab File: VD069290.D
Acq: 01 Jun 2021 18:25

Tgt Ion:128 Resp: 2576
Ion Ratio Lower Upper
128 100
127 16.3 10.4 15.6#
129 19.9 8.8 13.2#

