

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069326.D
 Acq On : 03 Jun 2021 15:46
 Operator : VA/SY
 Sample : M2584-01
 Misc : 6.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 09:35:45 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)

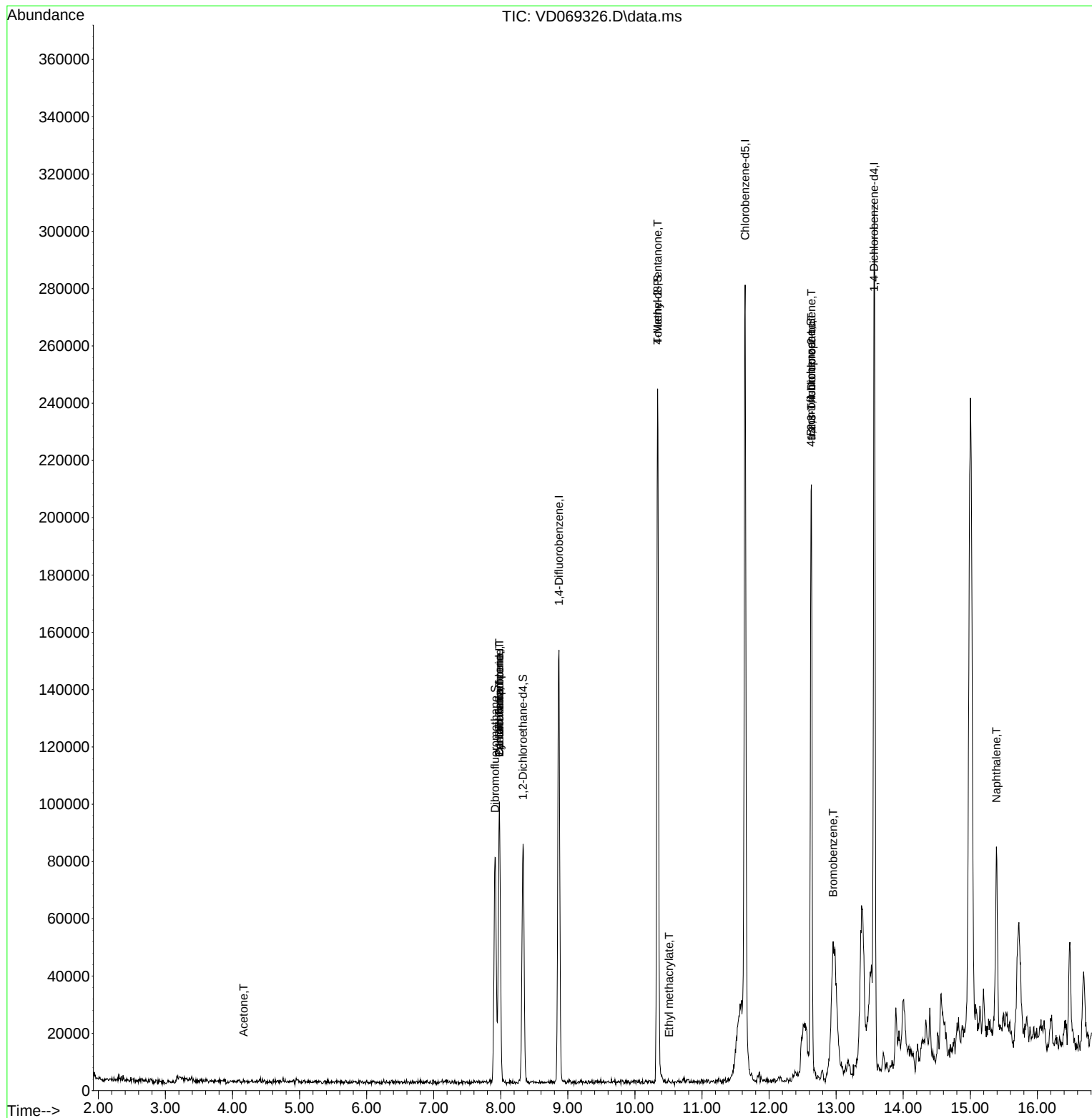
Internal Standards						
1) Pentafluorobenzene	7.979	168	69521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	132755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	159558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	84179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	69475	104.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 208.30%#			
35) Dibromofluoromethane	7.914	113	57495	68.97	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 137.94%			
50) Toluene-d8	10.338	98	174200	57.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.92%			
62) 4-Bromofluorobenzene	12.626	95	65136	65.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.14%			
Target Compounds						
11) Tert butyl alcohol	5.226	59	216	Below Cal	#	73
16) Acetone	4.167	43	440	3.78	ug/l	# 40
20) Methylene Chloride	4.962	84	682	Below Cal	#	65
31) Cyclohexane	7.979	56	1490	1.41	ug/l	# 39
36) 1,1-Dichloropropene	7.979	75	5855	4.54	ug/l	# 47
38) Carbon Tetrachloride	7.979	117	7002	5.03	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.338	43	661	1.60	ug/l	# 1
56) Ethyl methacrylate	10.508	69	63	2.71	ug/l	# 31
76) 1,2,3-Trichloropropane	12.632	75	33728	46.12	ug/l	# 1
77) Bromobenzene	12.955	156	25761	18.57	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.632	75	33728	102.19	ug/l	# 18
95) Naphthalene	15.390	128	56545	21.69	ug/l	97

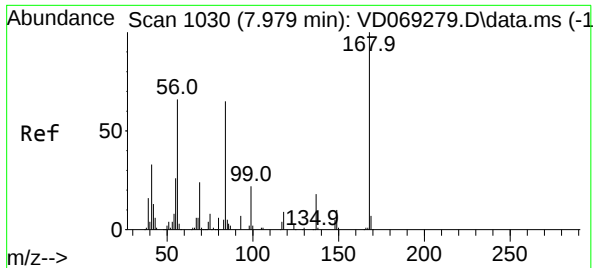
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SW846 8260
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Response via : Initial Calibration

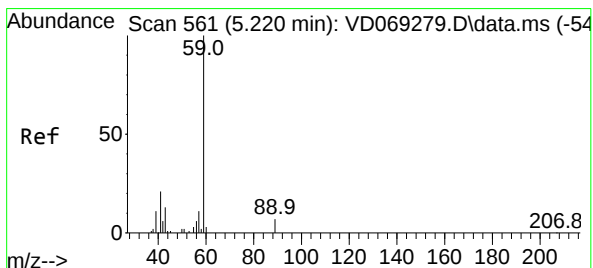
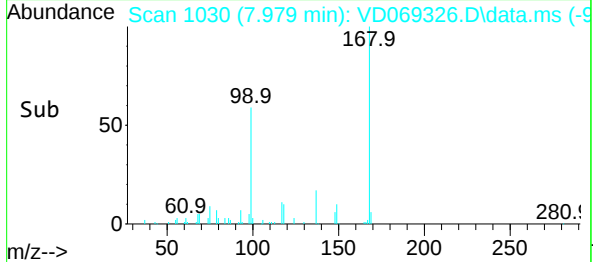
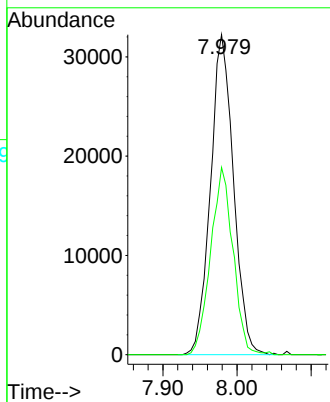
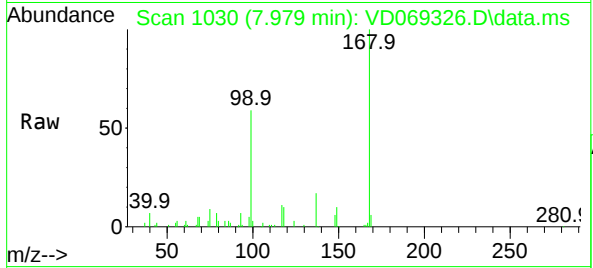




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD069326.D
 Acq: 03 Jun 2021 15:46

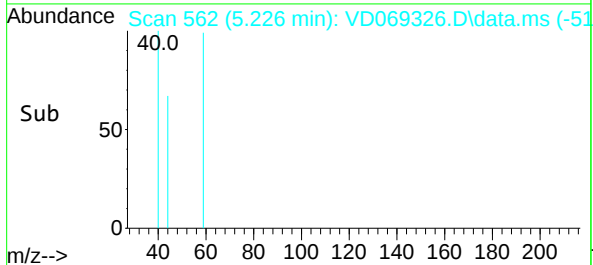
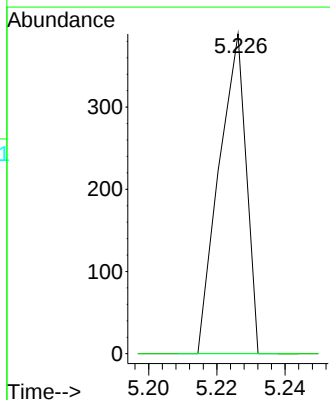
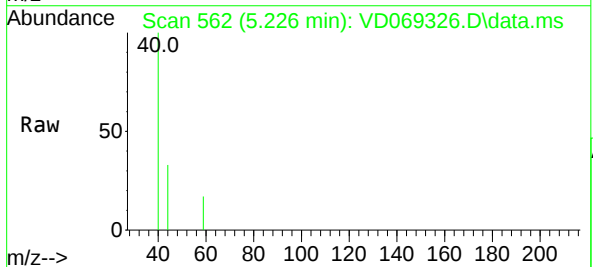
Instrument :
 MSVOA_D
 ClientSampleId :

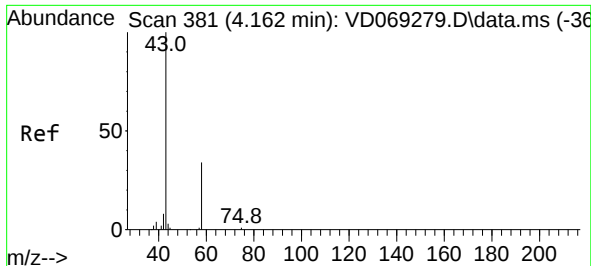
Tgt Ion:168 Resp: 69521
 Ion Ratio Lower Upper
 168 100
 99 58.5 46.2 69.2



#11
 Tert butyl alcohol
 Concen: Below Cal
 RT: 5.226 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: VD069326.D
 Acq: 03 Jun 2021 15:46

Tgt Ion: 59 Resp: 216
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

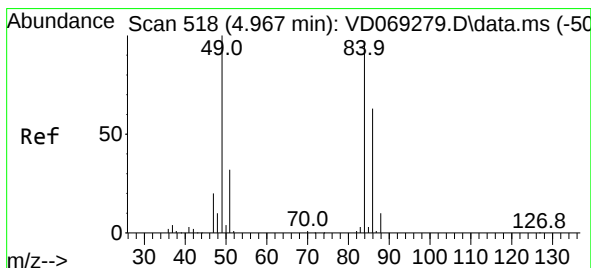
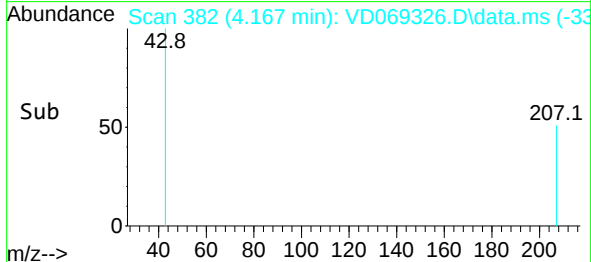
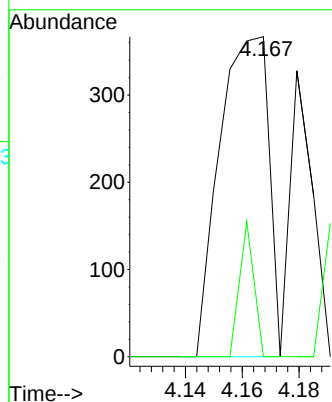
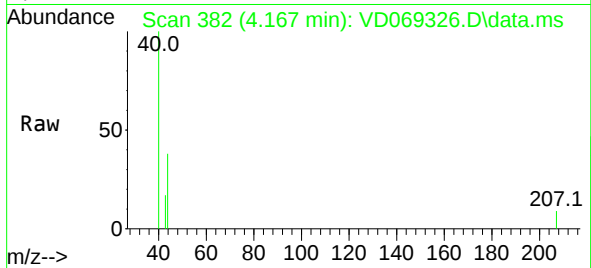




#16
Acetone
Concen: 3.78 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

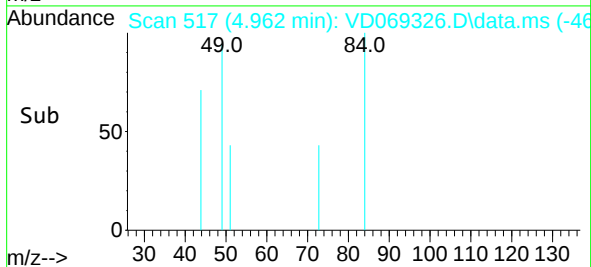
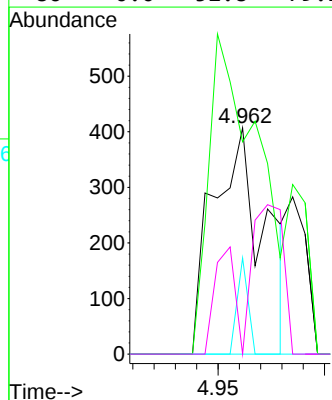
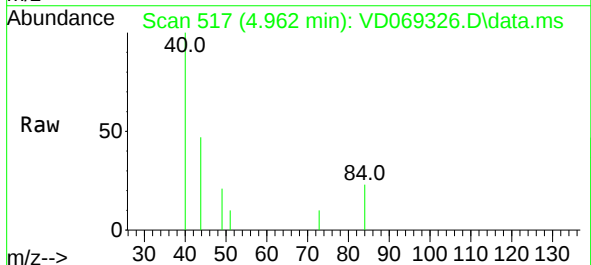
Instrument :
MSVOA_D
ClientSampled :

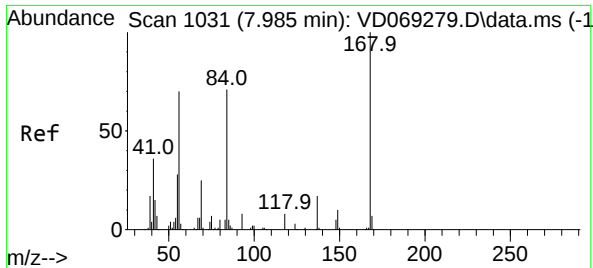
Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 84 Resp: 682
Ion Ratio Lower Upper
84 100
49 93.9 83.7 125.5
51 42.5 26.4 39.6#
86 0.0 52.8 79.2#

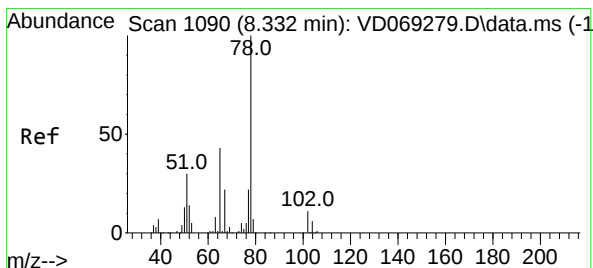
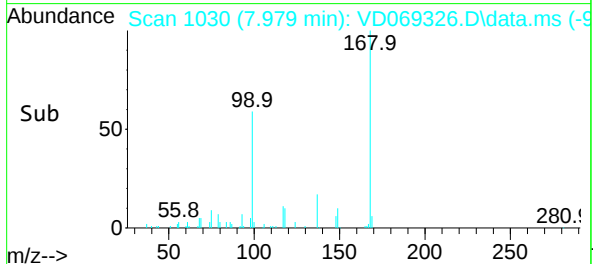
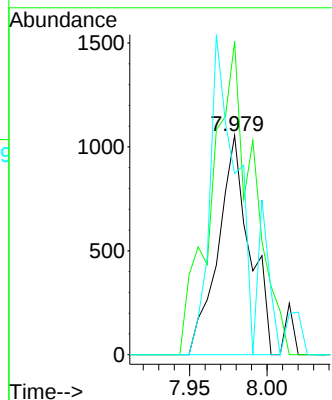
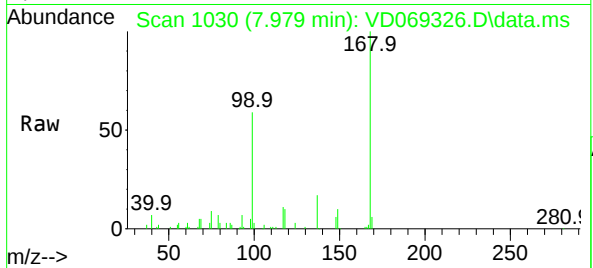




#31
Cyclohexane
Concen: 1.41 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

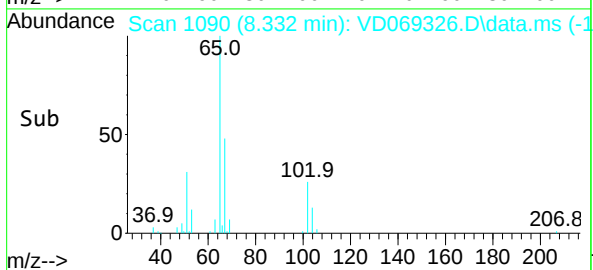
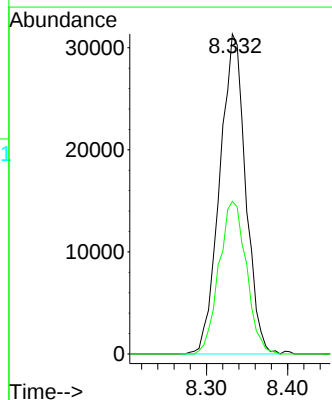
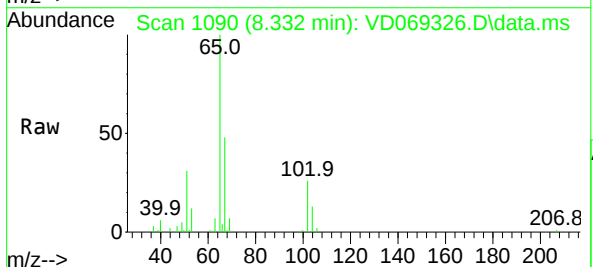
Instrument :
MSVOA_D
ClientSampleId :

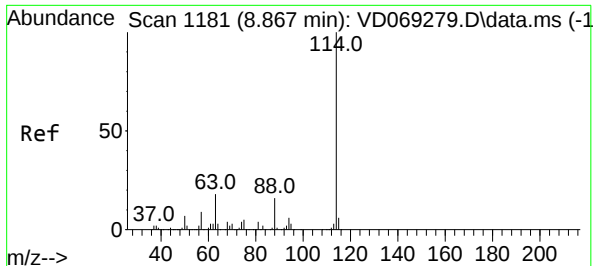
Tgt Ion: 56 Resp: 1490
Ion Ratio Lower Upper
56 100
69 142.9 29.0 43.4#
84 82.7 81.1 121.7



#33
1,2-Dichloroethane-d4
Concen: 104.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 65 Resp: 69475
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

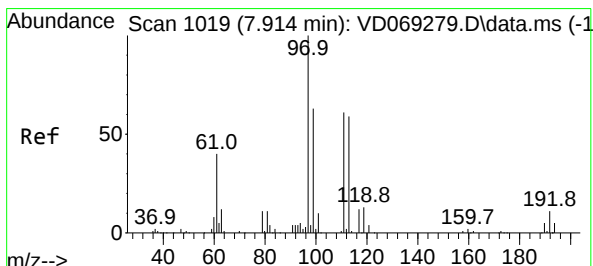
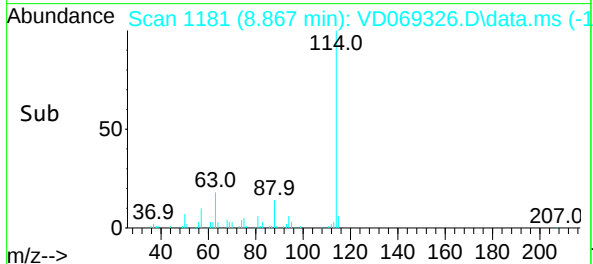
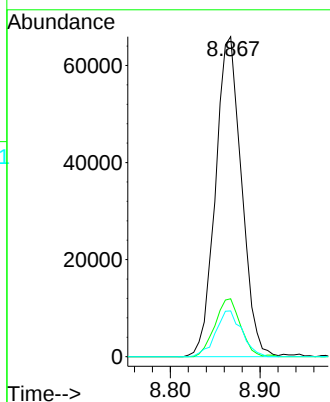
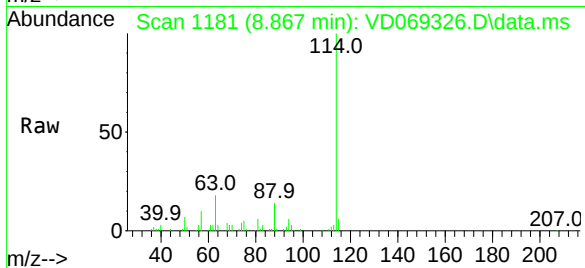
Delta R.T. 0.000 min

Lab File: VD069326.D

Acq: 03 Jun 2021 15:46

Tgt Ion:	114	Resp:	132755
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	35.6
88	14.3	0.0	31.2

Instrument :
MSVOA_D
ClientSampleId :



#35

Dibromofluoromethane

Concen: 68.97 ug/l

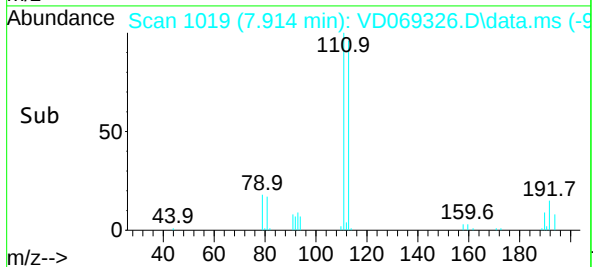
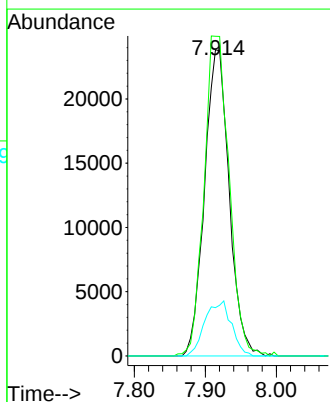
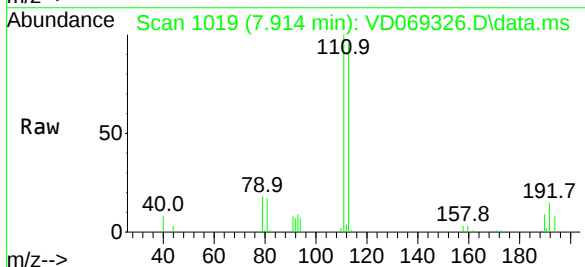
RT: 7.914 min Scan# 1019

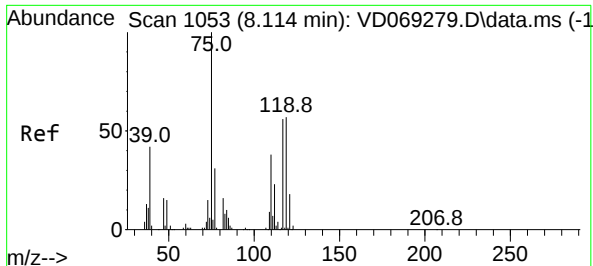
Delta R.T. -0.000 min

Lab File: VD069326.D

Acq: 03 Jun 2021 15:46

Tgt Ion:	113	Resp:	57495
Ion Ratio	Lower	Upper	
113	100		
111	106.4	83.0	124.6
192	19.3	15.1	22.7

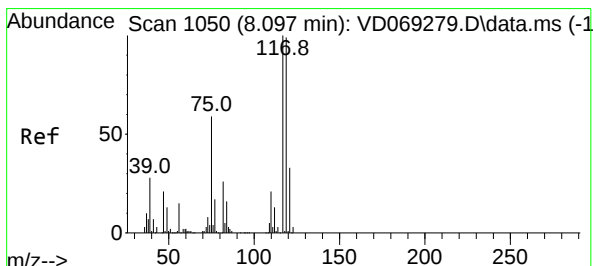
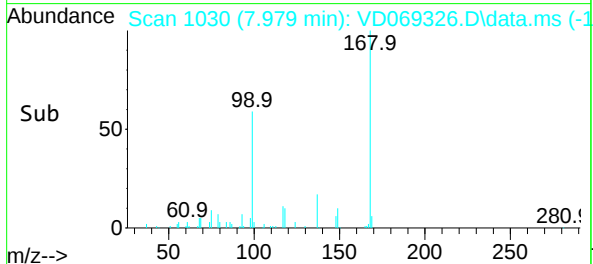
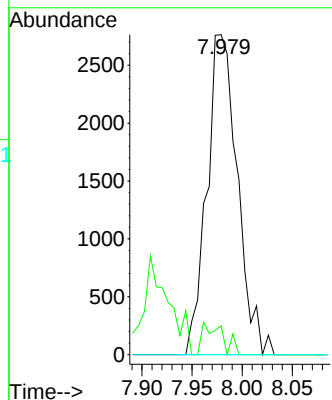
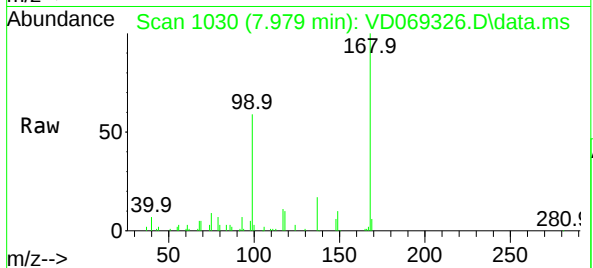




#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

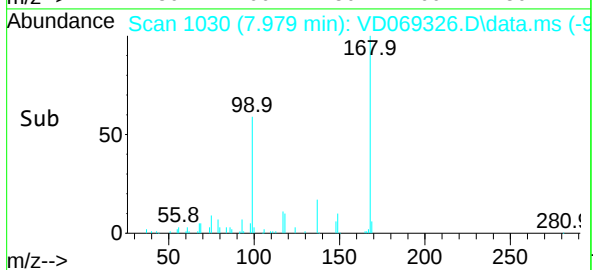
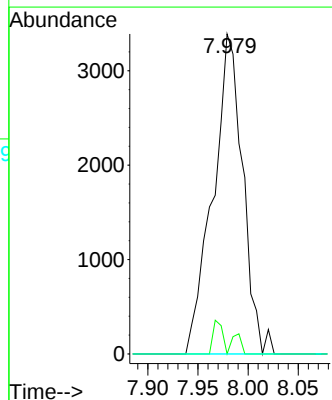
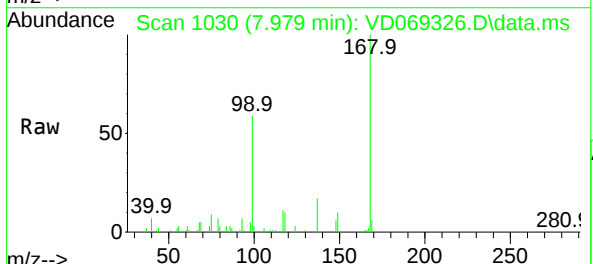
Instrument :
MSVOA_D
ClientSampled :

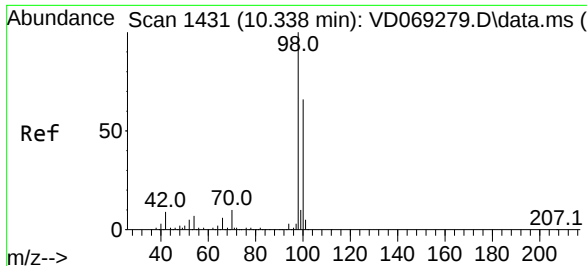
Tgt Ion: 75 Resp: 5855
Ion Ratio Lower Upper
75 100
110 6.6 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 117 Resp: 7002
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

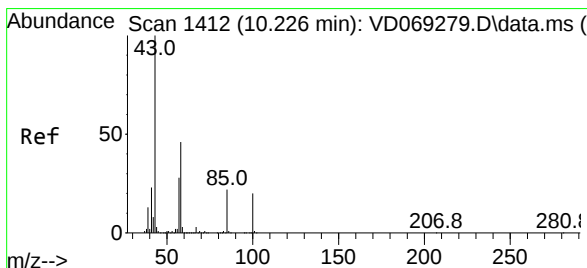
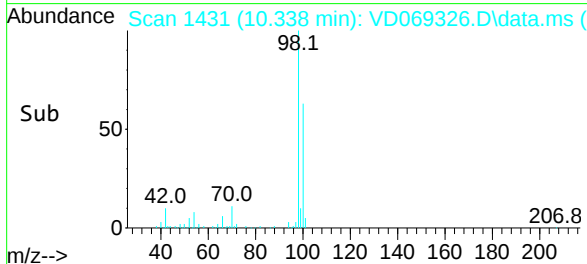
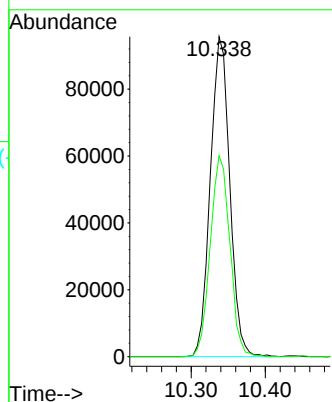
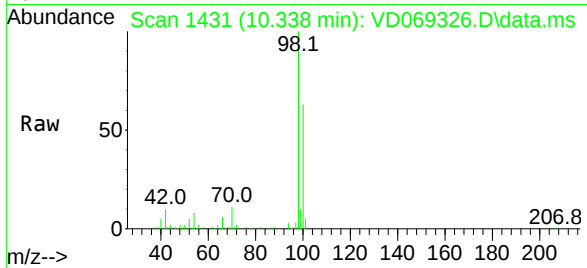




#50
Toluene-d8
Concen: 57.46 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

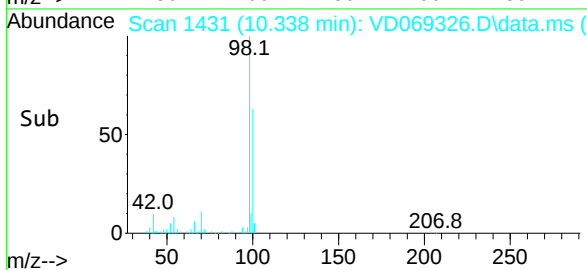
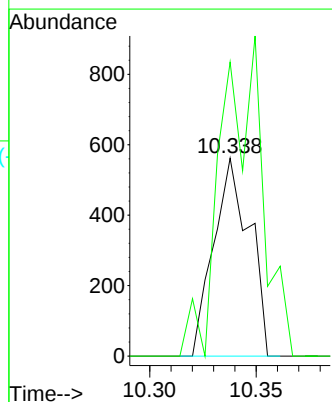
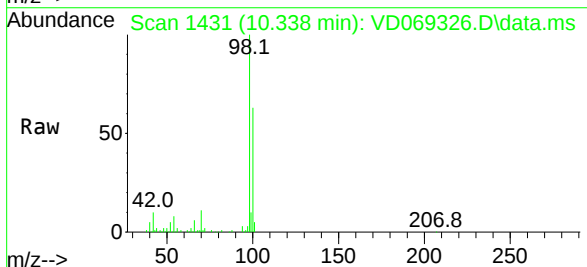
Instrument :
MSVOA_D
ClientSampled :

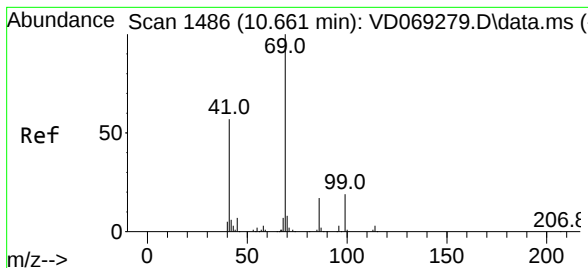
Tgt Ion: 98 Resp: 174200
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
58 184.6 35.1 52.7#

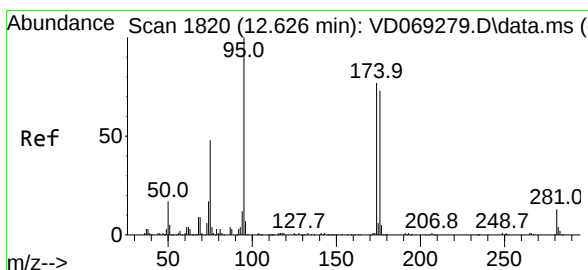
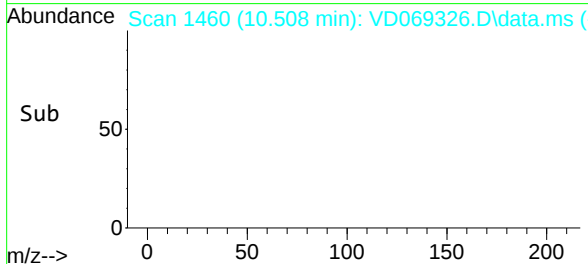
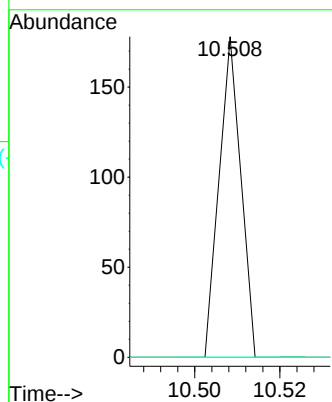
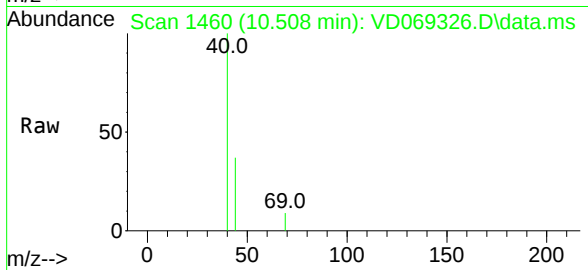




#56
Ethyl methacrylate
Concen: 2.71 ug/l
RT: 10.508 min Scan# 1460
Delta R.T. -0.153 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

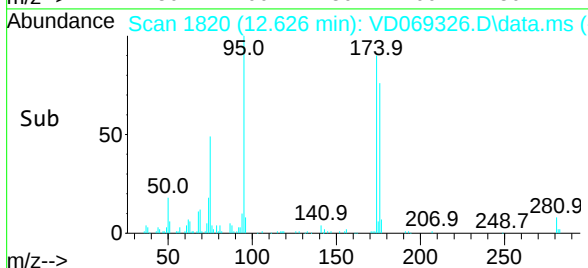
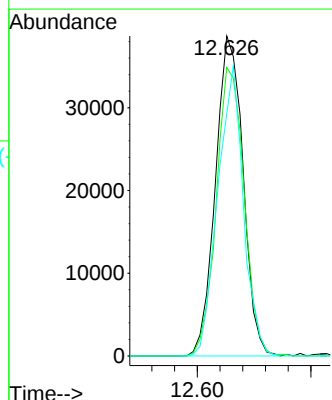
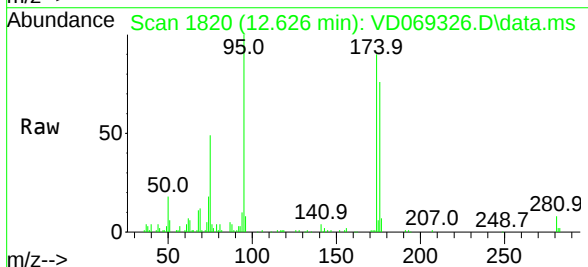
Instrument :
MSVOA_D
ClientSampleId :

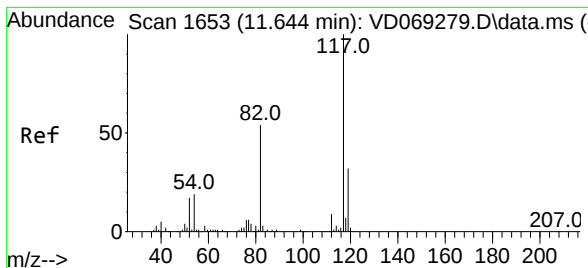
Tgt Ion:	69	Resp:	63
Ion	Ratio	Lower	Upper
69	100		
41	0.0	45.4	68.2#
39	0.0	21.7	32.5#



#62
4-Bromofluorobenzene
Concen: 65.57 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion:	95	Resp:	65136
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	162.8
176	84.1	0.0	154.4

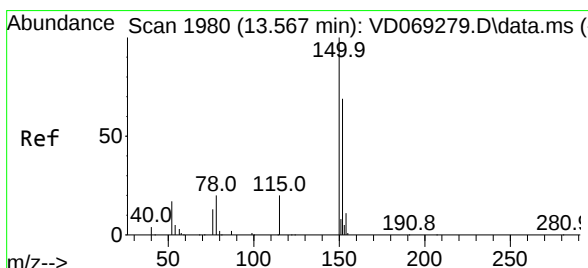
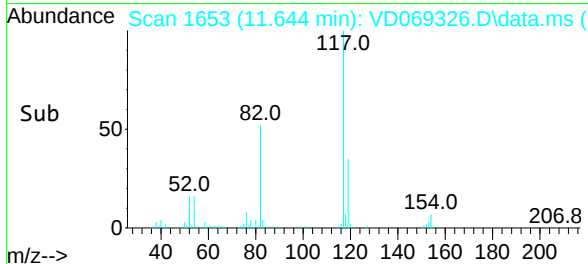
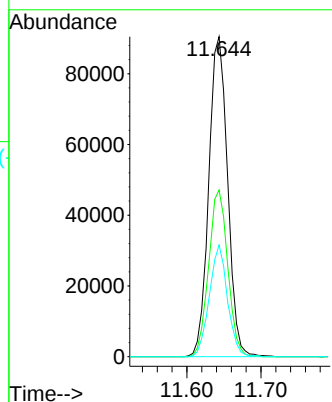
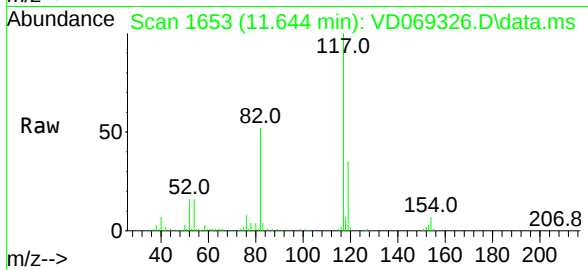




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

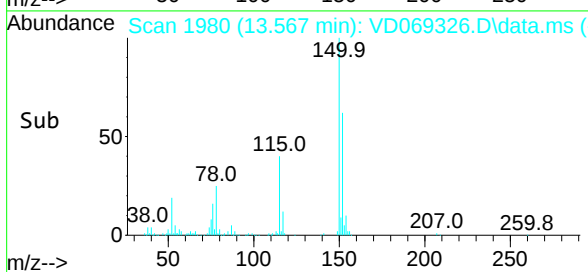
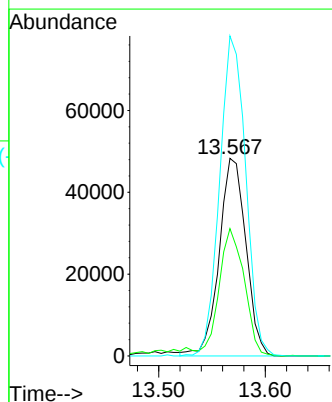
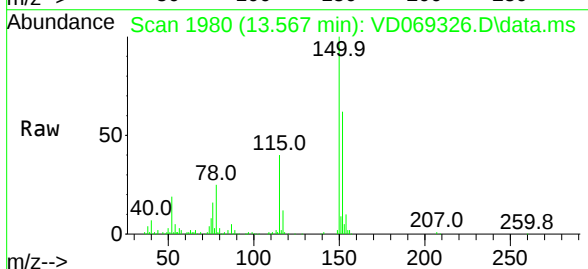
Instrument :
MSVOA_D
ClientSampleId :

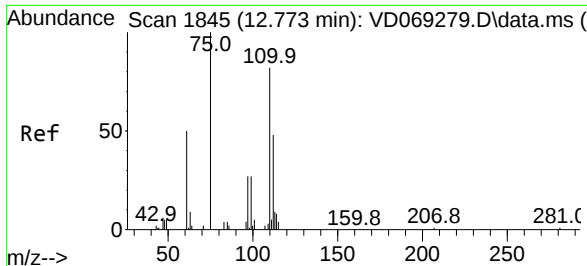
Tgt Ion:117 Resp: 159558
Ion Ratio Lower Upper
117 100
82 52.1 43.3 64.9
119 34.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion:152 Resp: 84179
Ion Ratio Lower Upper
152 100
115 60.5 29.4 88.3
150 157.8 0.0 355.0

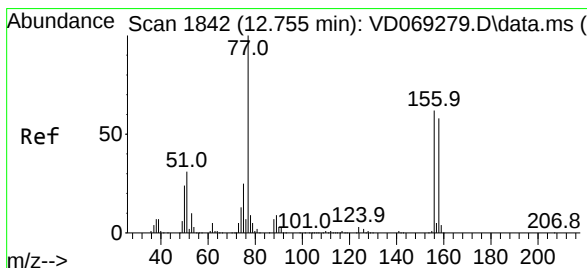
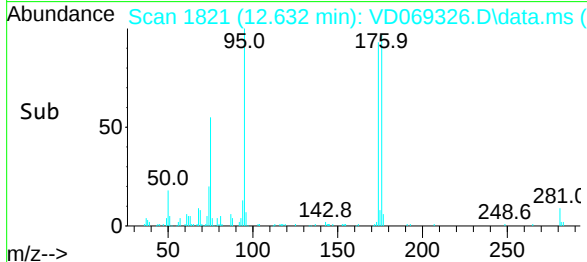
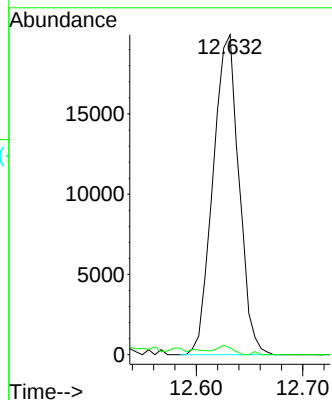
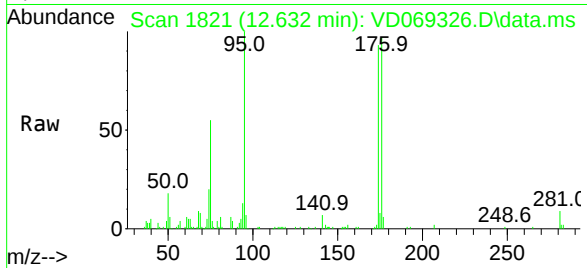




#76
1,2,3-Trichloropropane
Concen: 46.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

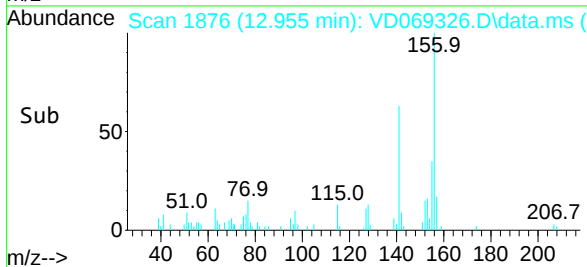
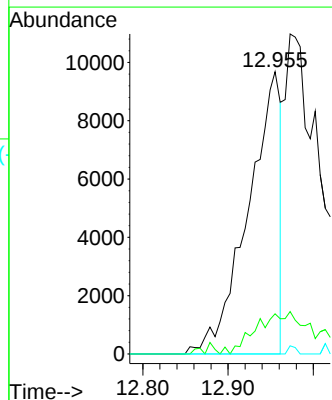
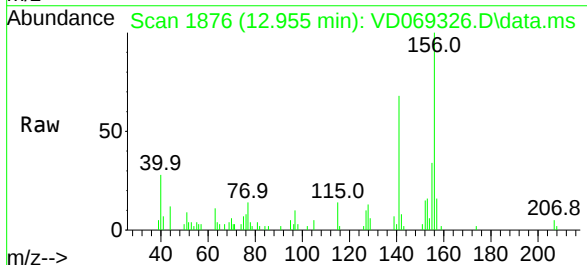
Instrument :
MSVOA_D
ClientSampled :

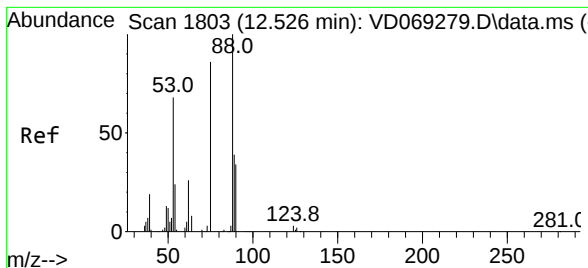
Tgt Ion: 75 Resp: 33728
Ion Ratio Lower Upper
75 100
77 1.7 183.8 551.2#



#77
Bromobenzene
Concen: 18.57 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.200 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 156 Resp: 25761
Ion Ratio Lower Upper
156 100
77 12.1 89.3 267.9#
158 0.0 48.0 144.2#

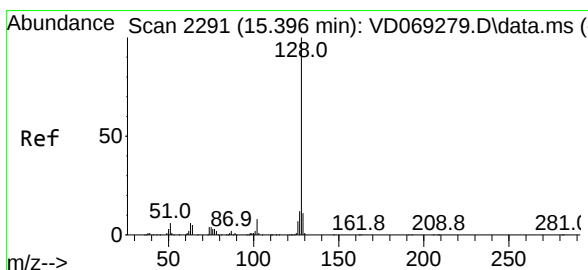
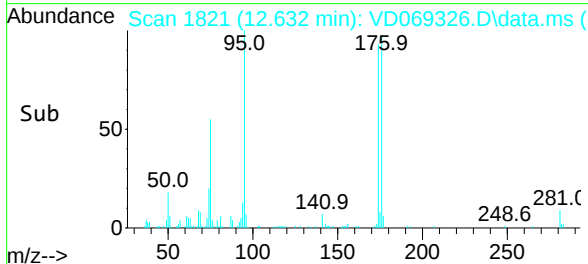
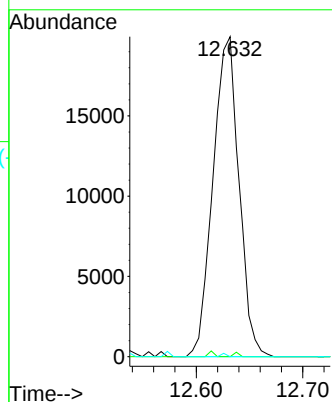
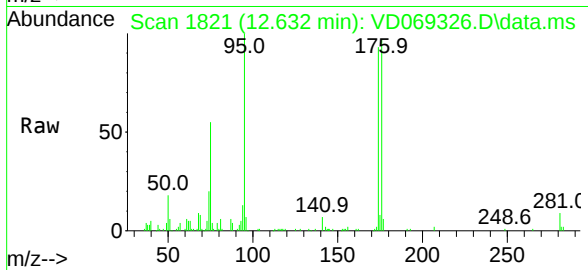




#81
trans-1,4-Dichloro-2-butene
Concen: 102.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 33728
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.2 35.6 53.4#



#95
Naphthalene
Concen: 21.69 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 128 Resp: 56545
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 12.2 8.8 13.2

