

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069395.D
 Acq On : 08 Jun 2021 19:04
 Operator : VA/SY
 Sample : M2650-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 09 02:10:43 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)

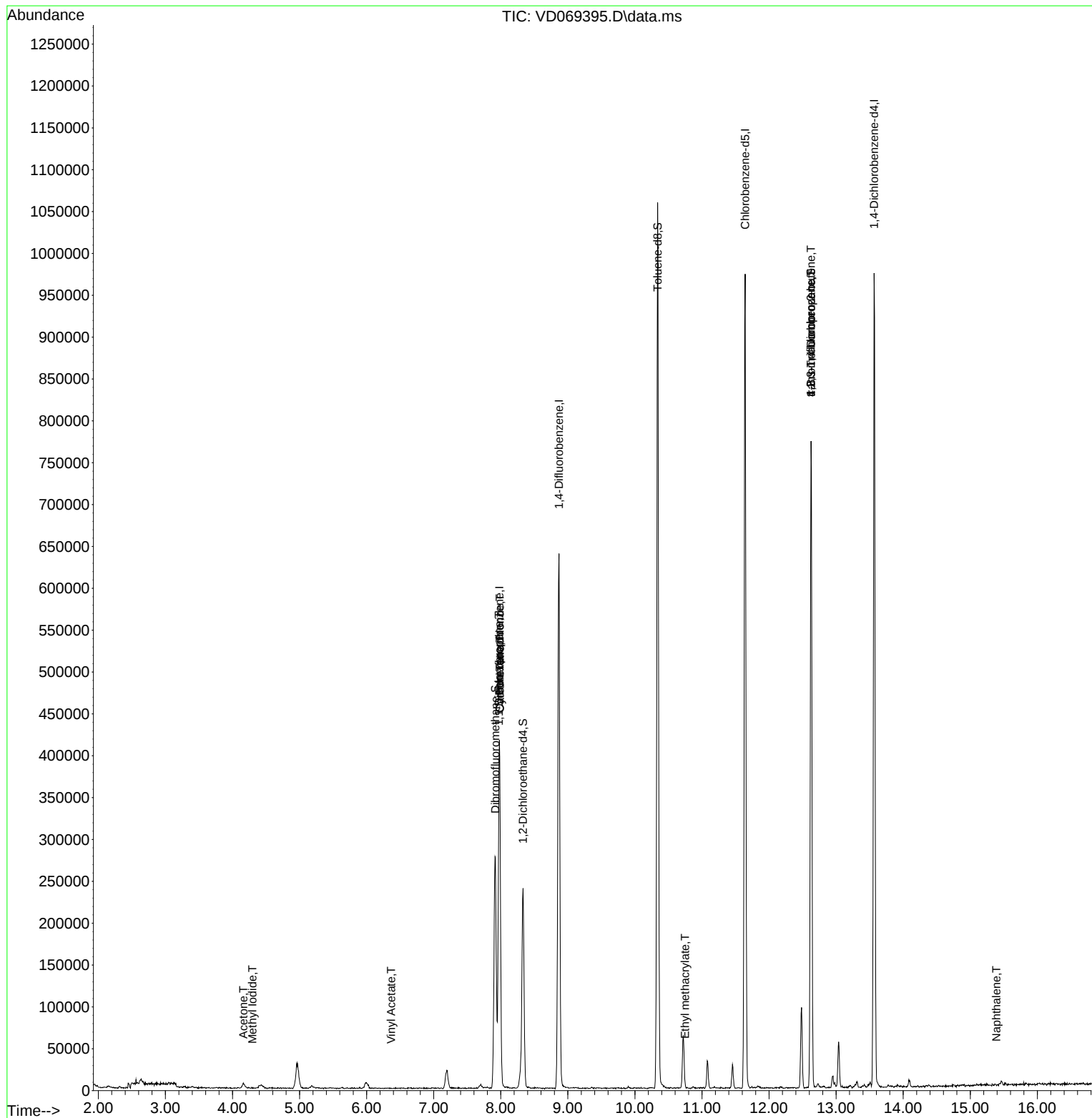
Internal Standards						
1) Pentafluorobenzene	7.979	168	313779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	575227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	595000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	269837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187557	62.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.600%			
35) Dibromofluoromethane	7.920	113	203547	56.348	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.700%			
50) Toluene-d8	10.338	98	727314	55.370	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.740%			
62) 4-Bromofluorobenzene	12.626	95	248123	57.647	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.300%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	125	2.544	ug/l #	39
11) Tert butyl alcohol	5.185	59	2885	Below Cal	#	73
16) Acetone	4.162	43	10102	19.227	ug/l	96
20) Methylene Chloride	4.967	84	24748	Below Cal		96
23) Vinyl Acetate	6.367	43	54	11.623	ug/l #	67
31) Cyclohexane	7.985	56	7069	1.478	ug/l #	42
36) 1,1-Dichloropropene	7.973	75	24366	4.358	ug/l #	47
38) Carbon Tetrachloride	7.985	117	31972	5.296	ug/l #	14
56) Ethyl methacrylate	10.749	69	66	2.656	ug/l #	31
76) 1,2,3-Trichloropropane	12.626	75	123985	52.885	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	123985	117.193	ug/l #	18
95) Naphthalene	15.390	128	289	3.331	ug/l #	69

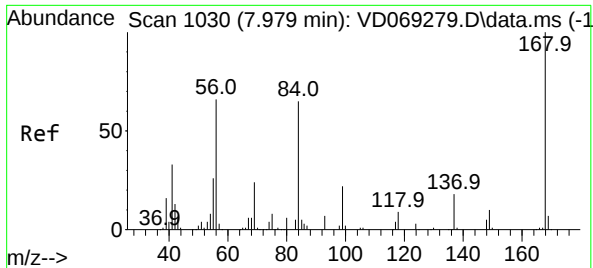
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 09 02:10:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
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Response via : Initial Calibration

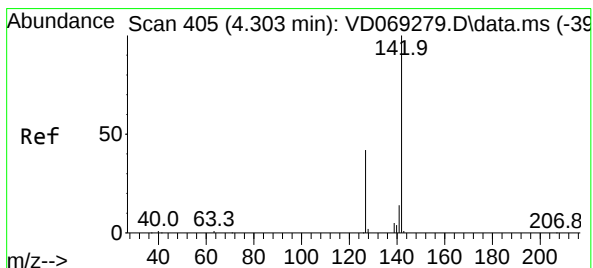
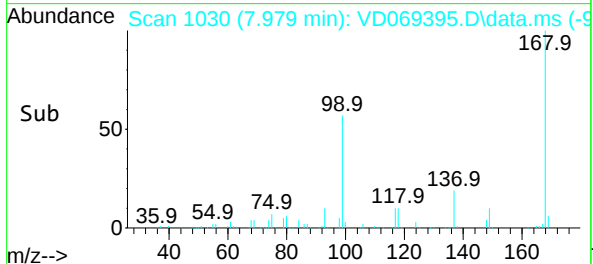
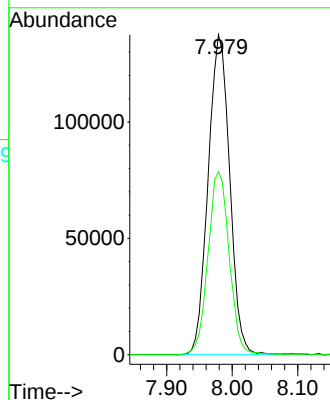
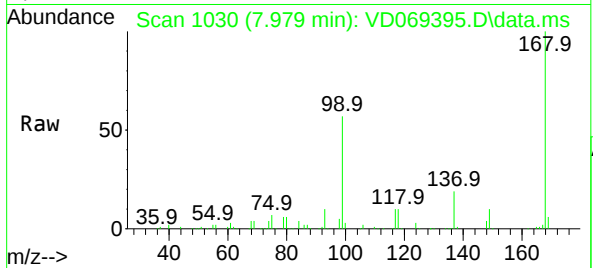




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

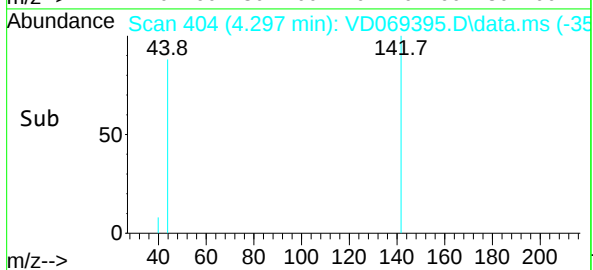
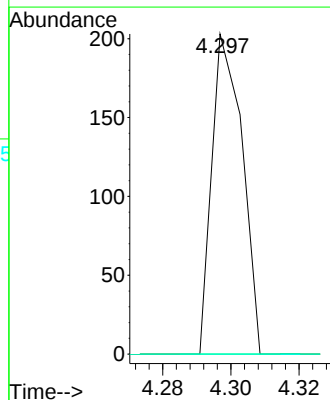
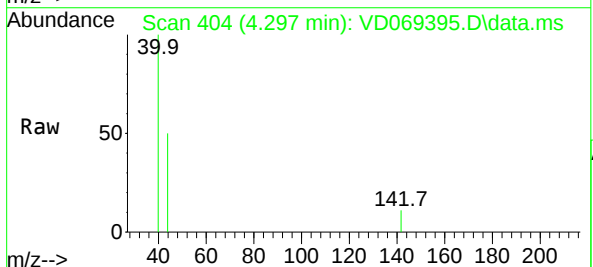
Instrument :
MSVOA_D
ClientSampleId :

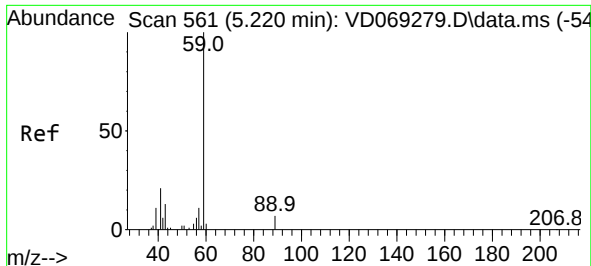
Tgt Ion:168 Resp: 313779
Ion Ratio Lower Upper
168 100
99 57.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.544 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

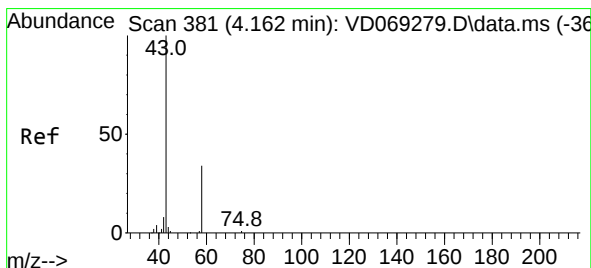
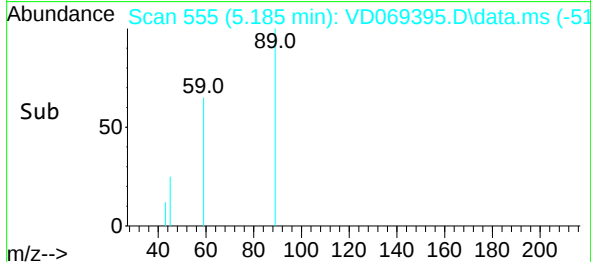
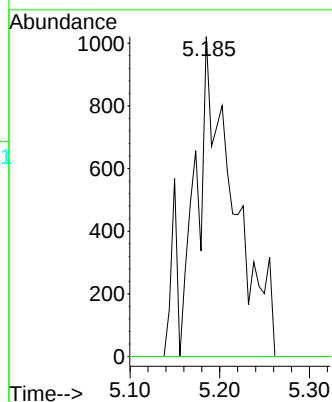
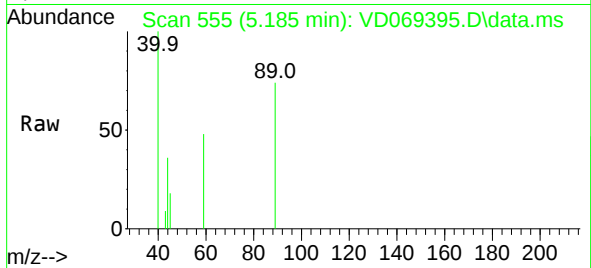




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

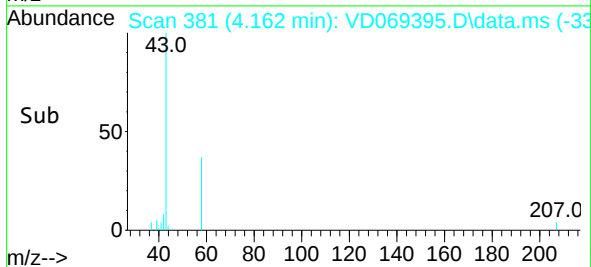
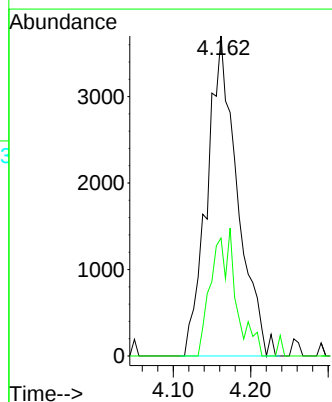
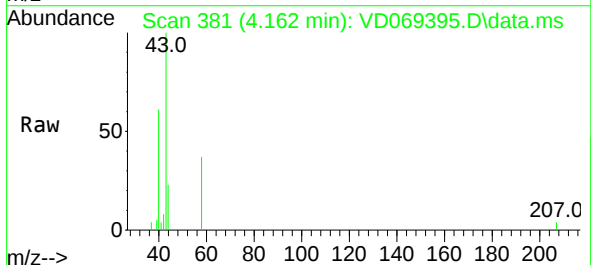
Instrument :
MSVOA_D
ClientSampled :

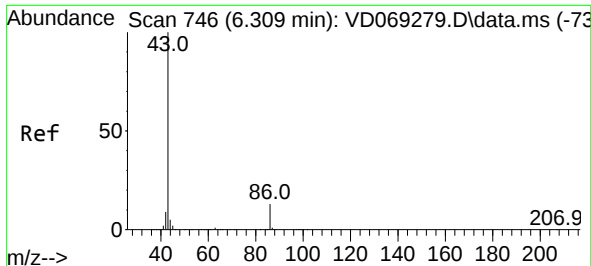
Tgt Ion: 59 Resp: 2885
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 19.227 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Tgt Ion: 43 Resp: 10102
Ion Ratio Lower Upper
43 100
58 36.8 27.5 41.3

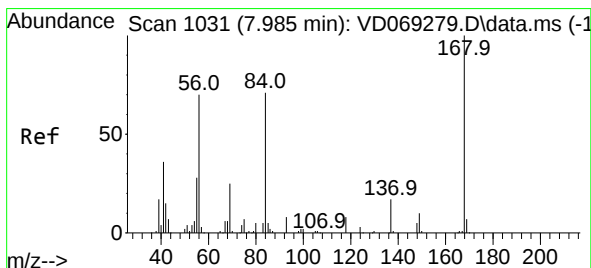
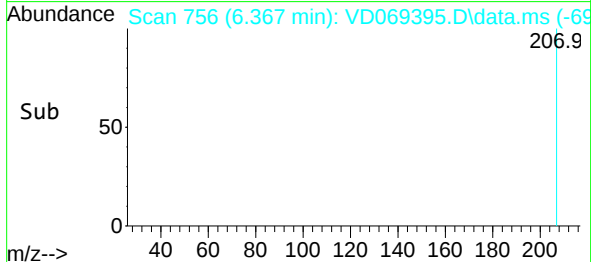
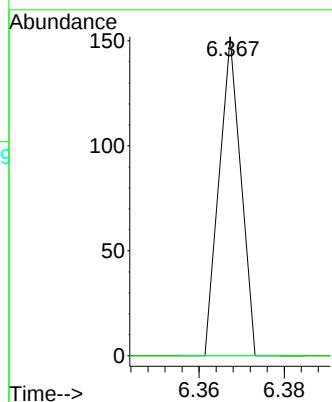
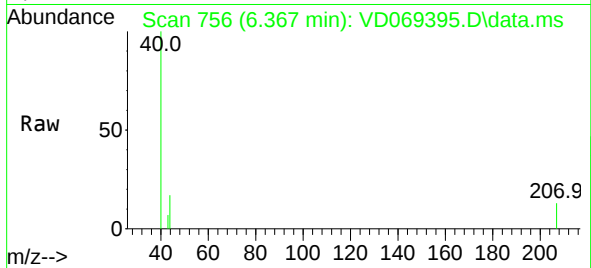




#23
 Vinyl Acetate
 Concen: 11.623 ug/l
 RT: 6.367 min Scan# 756
 Delta R.T. 0.058 min
 Lab File: VD069395.D
 Acq: 08 Jun 2021 19:04

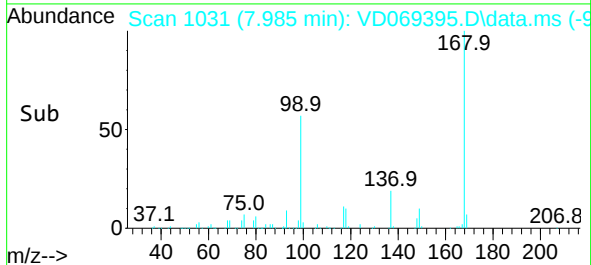
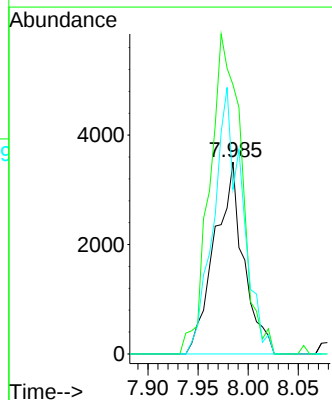
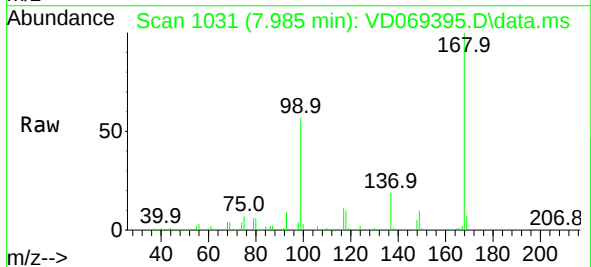
Instrument :
 MSVOA_D
 ClientSampled :

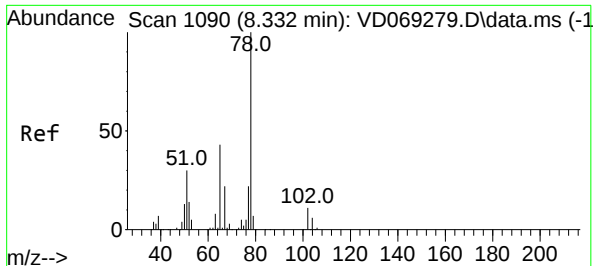
Tgt Ion: 43 Resp: 54
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.478 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069395.D
 Acq: 08 Jun 2021 19:04

Tgt Ion: 56 Resp: 7069
 Ion Ratio Lower Upper
 56 100
 69 140.3 29.0 43.4#
 84 85.8 81.1 121.7



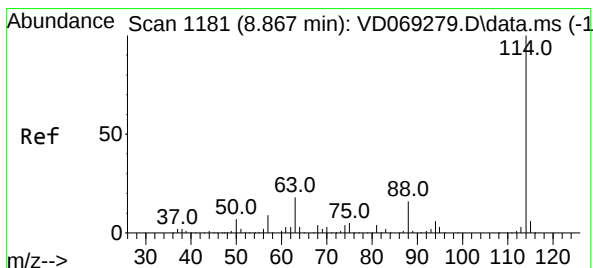
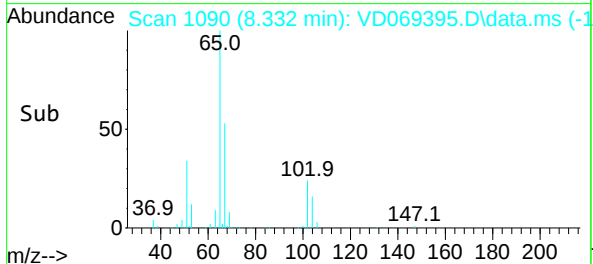
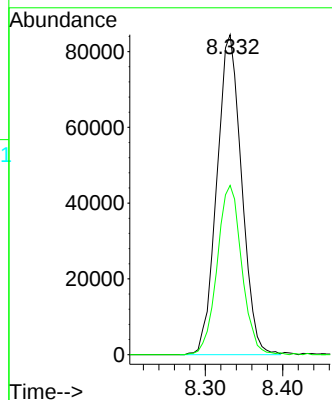
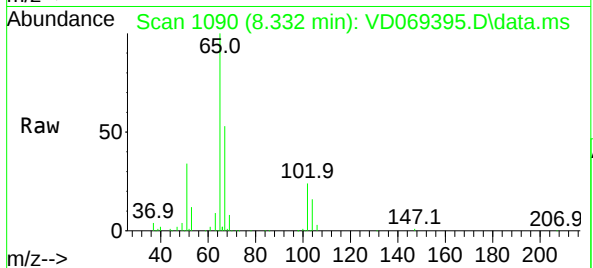


#33

1,2-Dichloroethane-d4
Concen: 62.295 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Instrument :
MSVOA_D
ClientSampled :

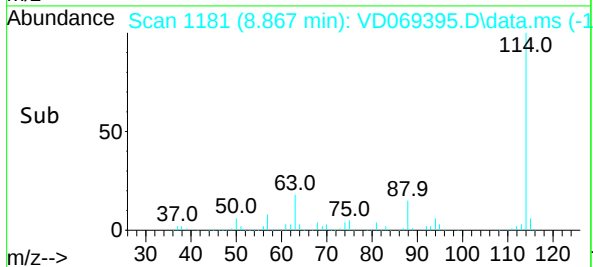
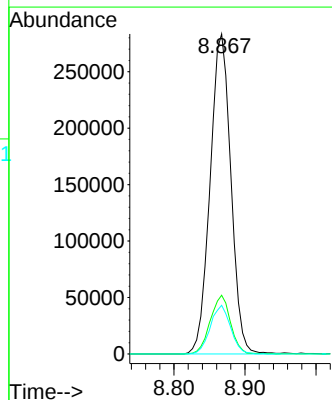
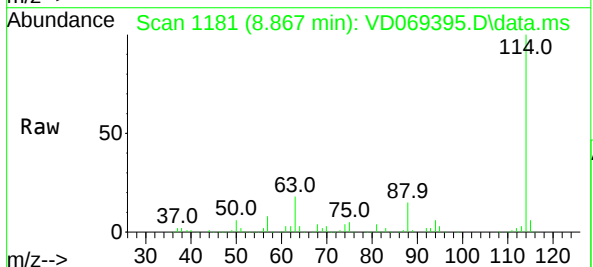
Tgt Ion: 65 Resp: 187557
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

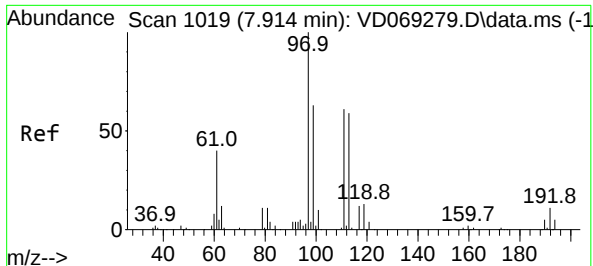


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Tgt Ion: 114 Resp: 575227
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.6
88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 56.348 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD069395.D

Acq: 08 Jun 2021 19:04

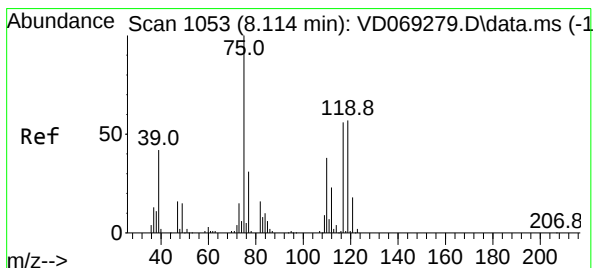
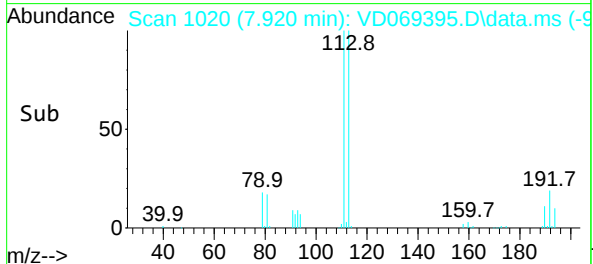
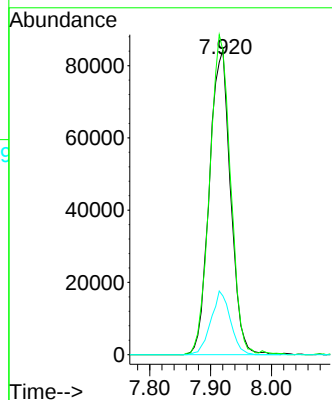
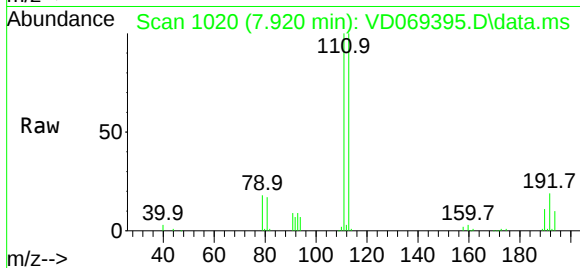
Tgt Ion:113 Resp: 203547

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

192 19.2 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.358 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD069395.D

Acq: 08 Jun 2021 19:04

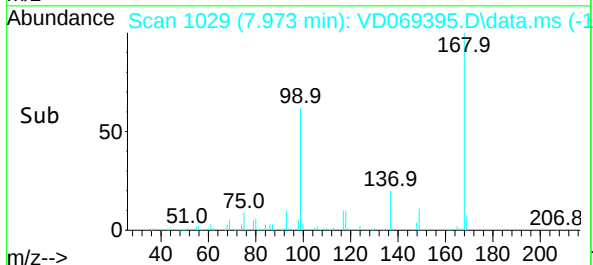
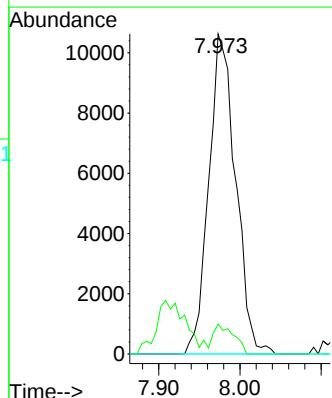
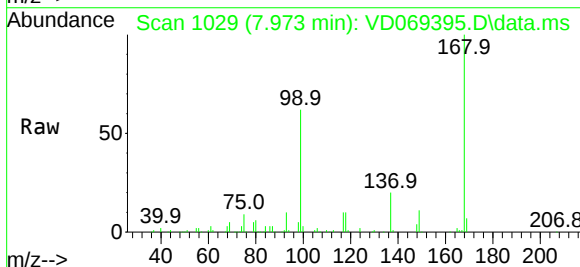
Tgt Ion: 75 Resp: 24366

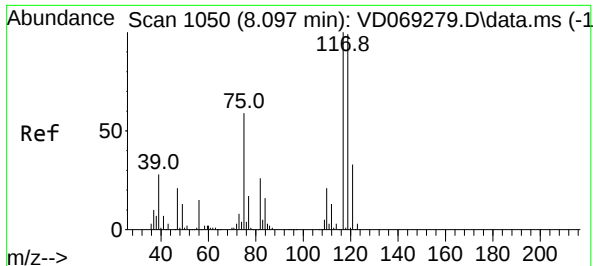
Ion Ratio Lower Upper

75 100

110 7.1 18.4 55.2#

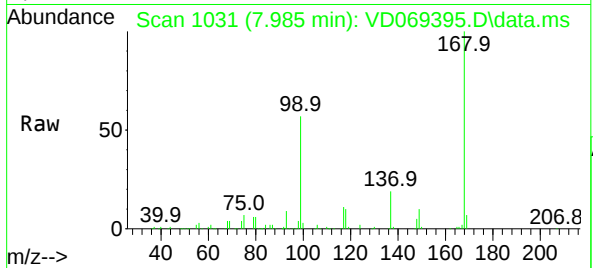
77 0.0 24.9 37.3#



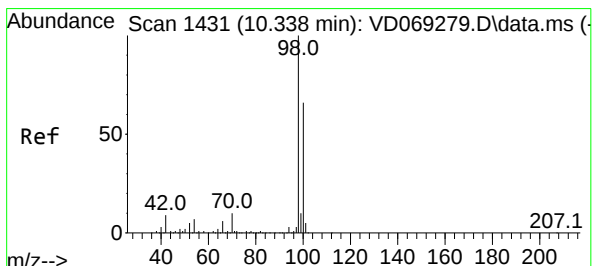
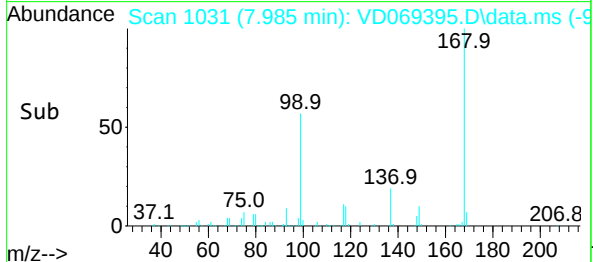
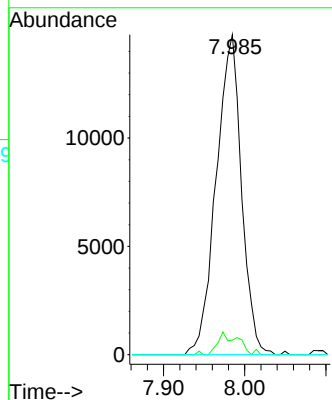


#38
Carbon Tetrachloride
Concen: 5.296 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Instrument :
MSVOA_D
ClientSampleId :

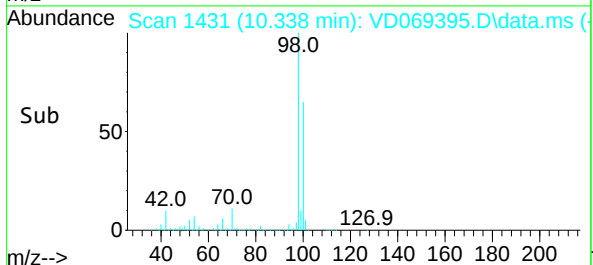
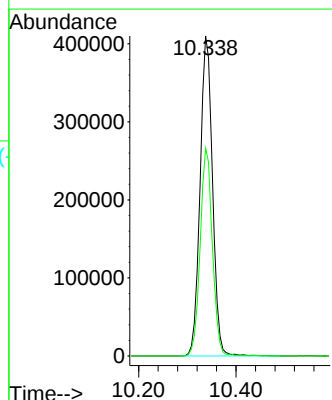
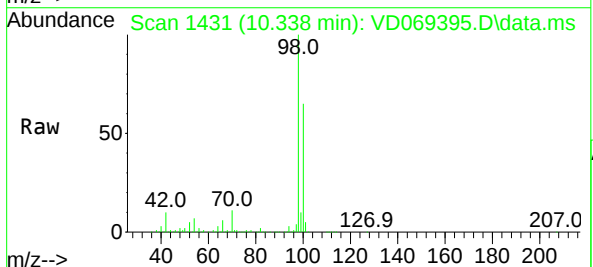


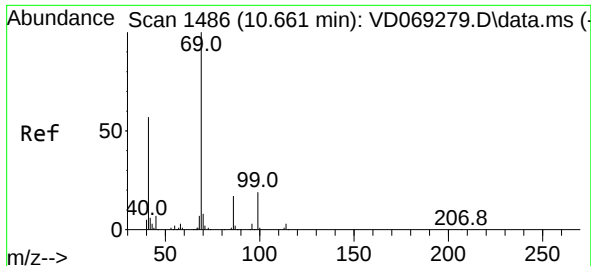
Tgt Ion:117 Resp: 31972
Ion Ratio Lower Upper
117 100
119 4.6 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 55.370 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Tgt Ion: 98 Resp: 727314
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1

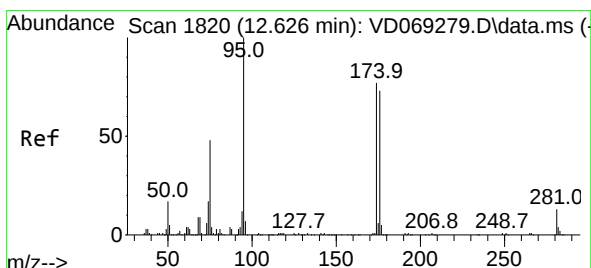
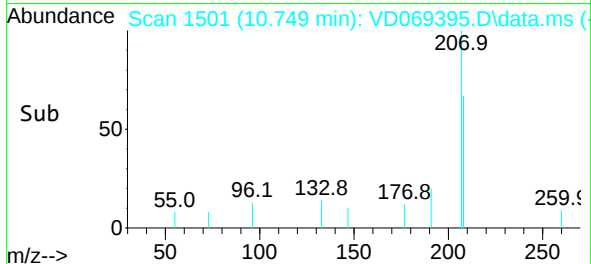
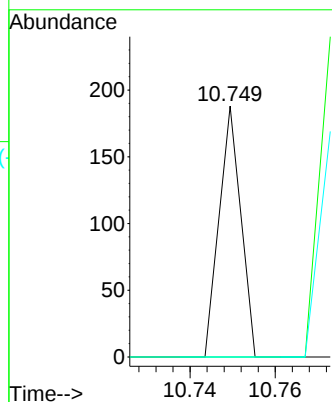
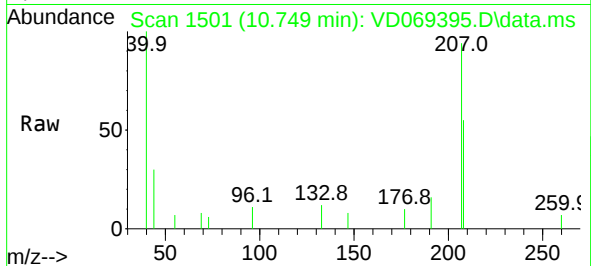




#56
Ethyl methacrylate
Concen: 2.656 ug/l
RT: 10.749 min Scan# 1501
Delta R.T. 0.088 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

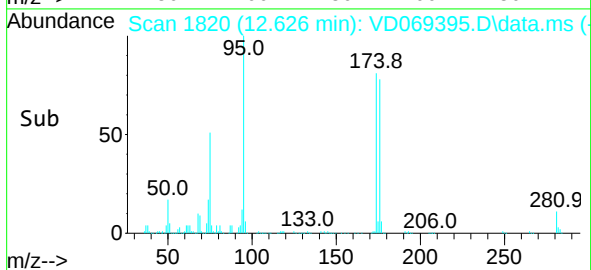
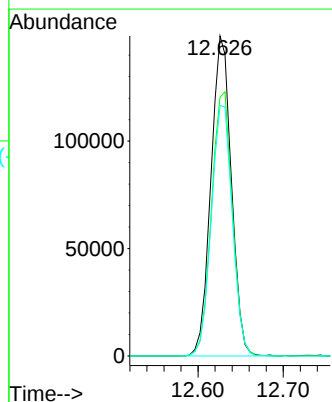
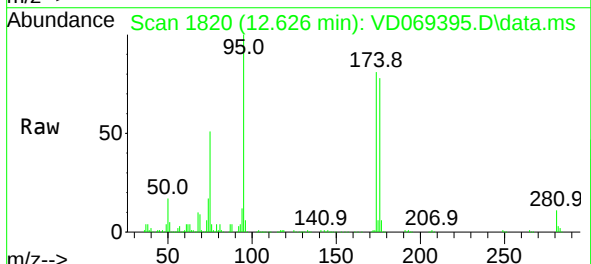
Instrument :
MSVOA_D
ClientSampled :

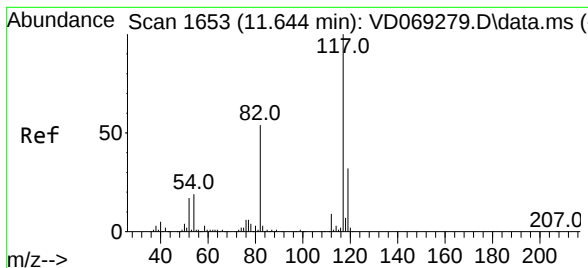
Tgt Ion: 69 Resp: 66
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 57.647 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Tgt Ion: 95 Resp: 248123
Ion Ratio Lower Upper
95 100
174 84.6 0.0 162.8
176 80.6 0.0 154.4

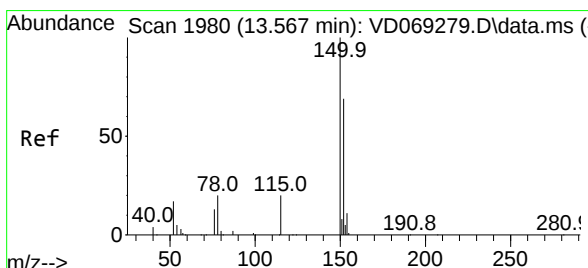
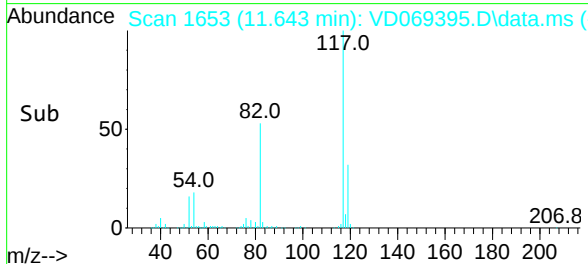
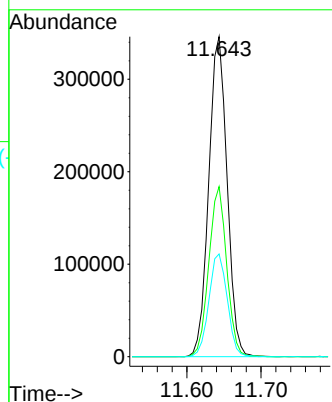
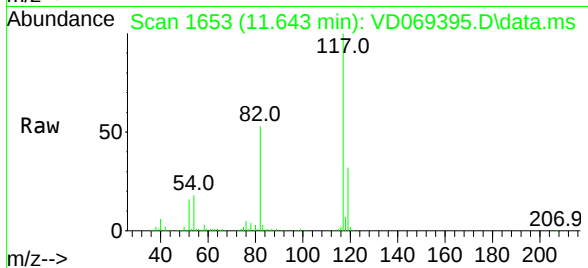




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

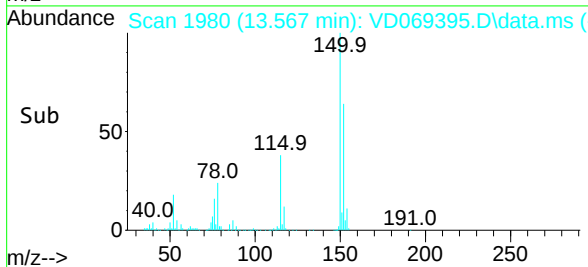
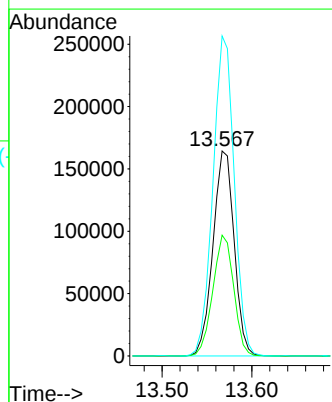
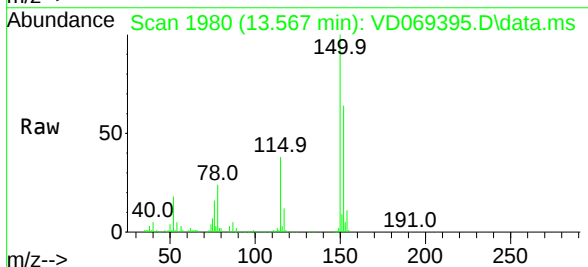
Instrument :
MSVOA_D
ClientSampleId :

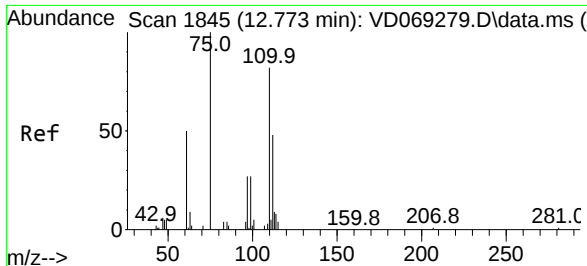
Tgt Ion:	117	Resp:	595000
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.3	64.9
119	32.1	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Tgt Ion:	152	Resp:	269837
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.4	88.3
150	156.6	0.0	355.0

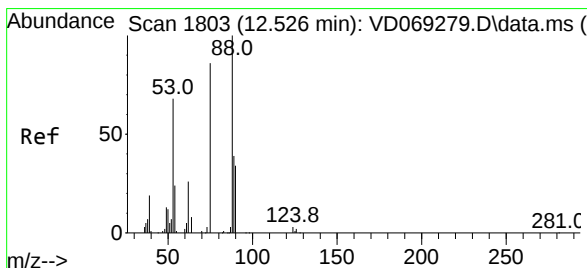
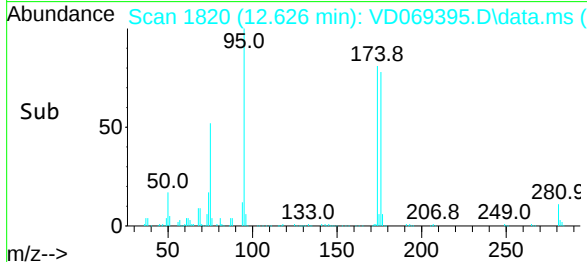
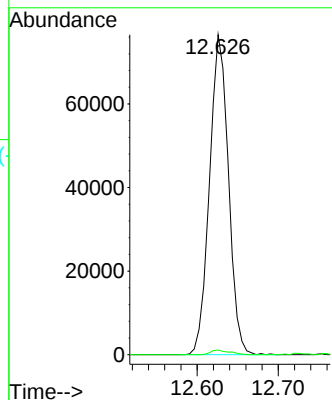
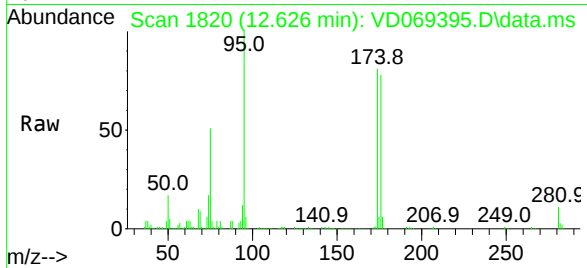




#76
1,2,3-Trichloropropane
Concen: 52.885 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

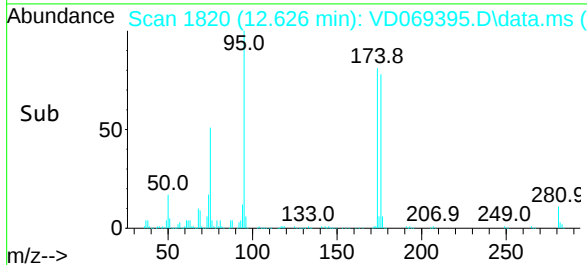
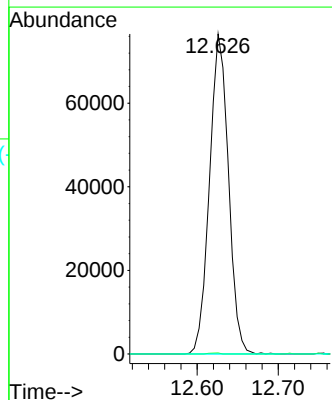
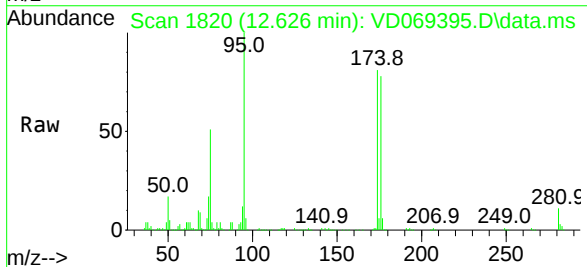
Instrument :
MSVOA_D
ClientSampled :

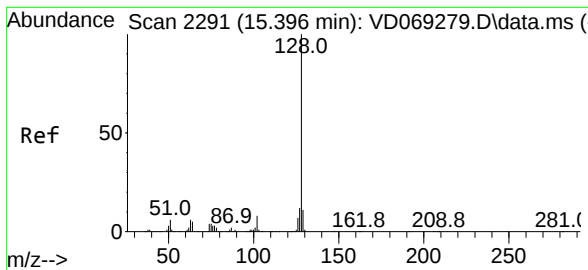
Tgt Ion: 75 Resp: 123985
Ion Ratio Lower Upper
75 100
77 1.4 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.193 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Tgt Ion: 75 Resp: 123985
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.331 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069395.D
Acq: 08 Jun 2021 19:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 289
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

