

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069351.D
 Acq On : 04 Jun 2021 17:44
 Operator : VA/SY
 Sample : M2598-04
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 19

Quant Time: Jun 05 00:36:50 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)

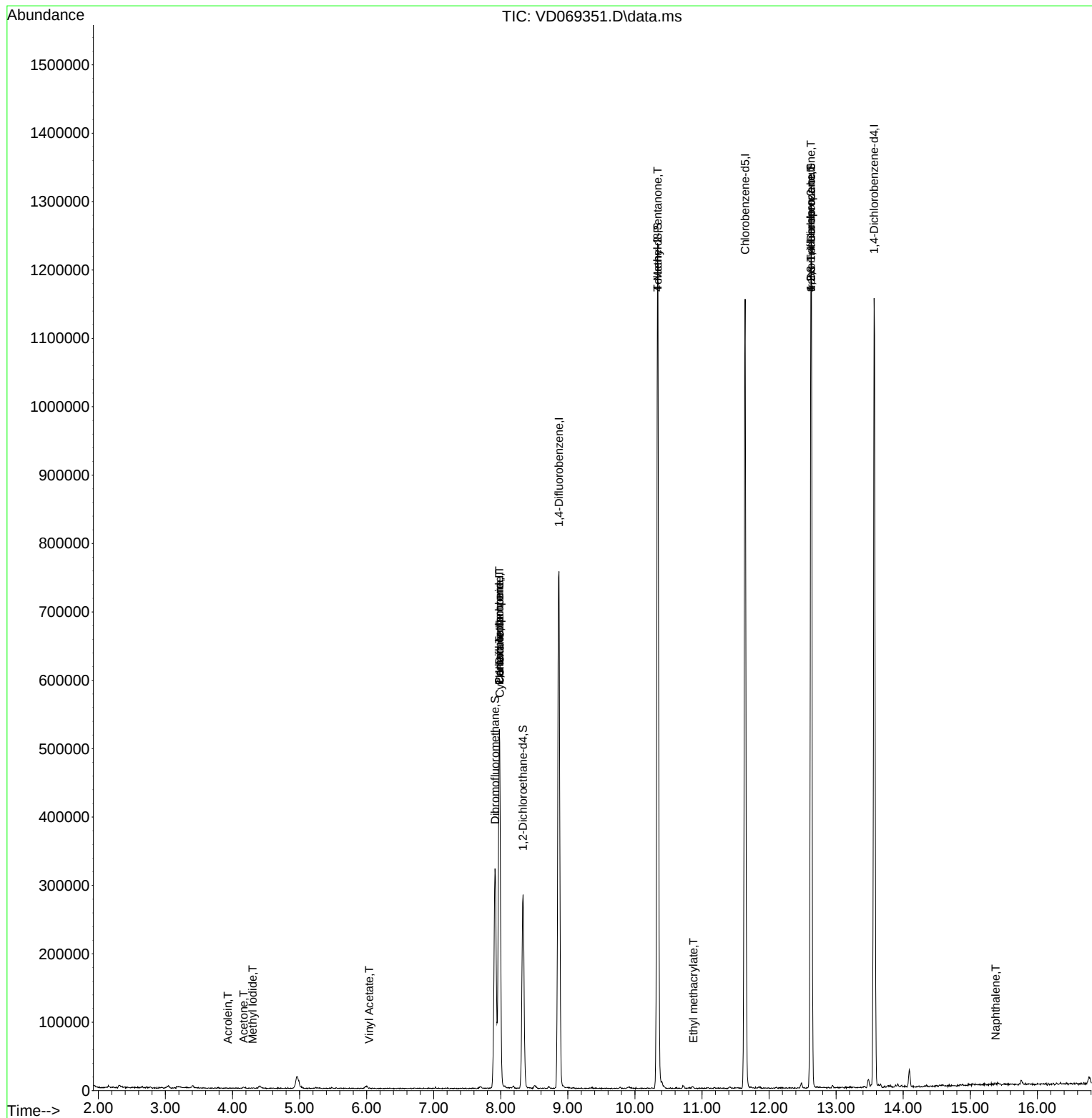
Internal Standards						
1) Pentafluorobenzene	7.979	168	395184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	707244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	704356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	322080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	231447	61.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.080%	
35) Dibromofluoromethane	7.914	113	237874	53.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.338	98	875622	54.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.440%	
62) 4-Bromofluorobenzene	12.626	95	301341	56.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.880%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	63	2.524	ug/l #	39
11) Tert butyl alcohol	5.226	59	501	Below Cal	#	73
13) Acrolein	3.932	56	54	17.343	ug/l #	16
16) Acetone	4.167	43	2768	4.183	ug/l #	69
20) Methylene Chloride	4.961	84	14874	Below Cal	#	90
23) Vinyl Acetate	6.038	43	76	11.624	ug/l #	67
31) Cyclohexane	7.985	56	8622	1.431	ug/l #	20
36) 1,1-Dichloropropene	7.979	75	30705	4.467	ug/l #	48
38) Carbon Tetrachloride	7.979	117	41216	5.553	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3023	1.378	ug/l #	1
56) Ethyl methacrylate	10.873	69	57	2.650	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	154572	55.237	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	154572	122.406	ug/l #	19
95) Naphthalene	15.379	128	430	3.338	ug/l #	69

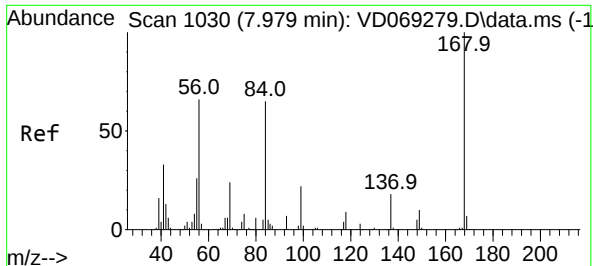
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069351.D
Acq On : 04 Jun 2021 17:44
Operator : VA/SY
Sample : M2598-04
Misc : 5.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
19

Quant Time: Jun 05 00:36:50 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

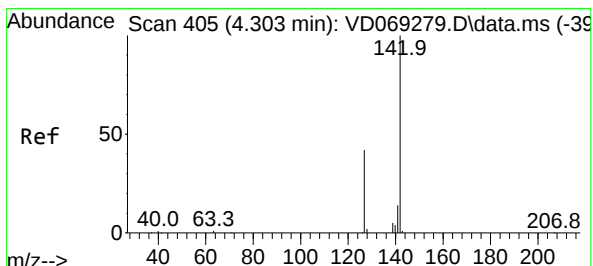
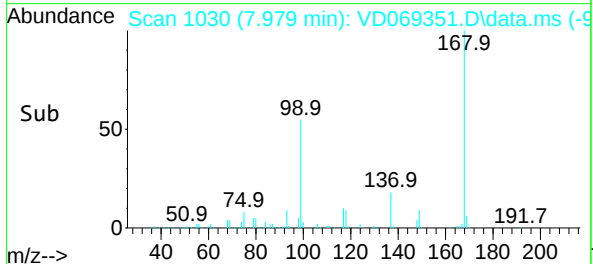
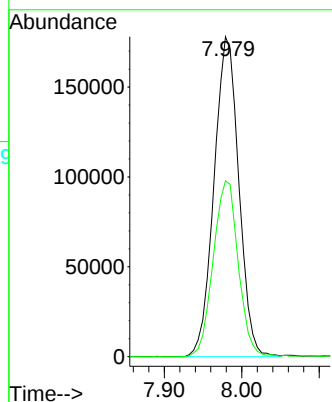
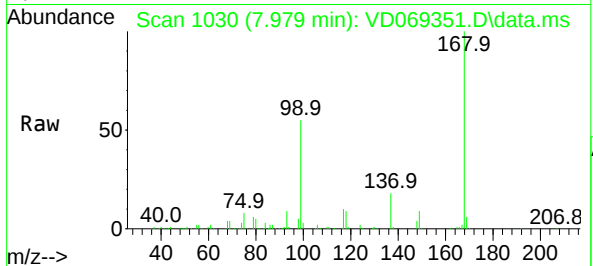




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

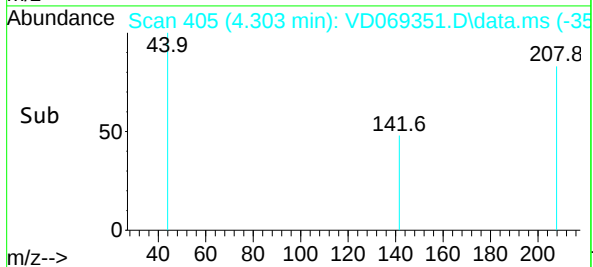
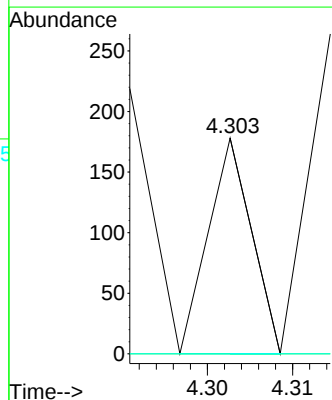
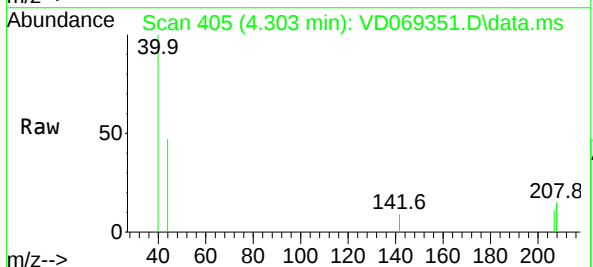
Instrument :
MSVOA_D
ClientSampleId :
19

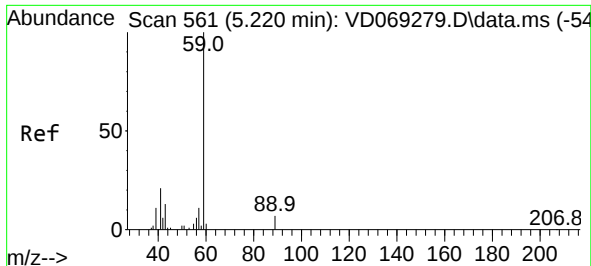
Tgt Ion:168 Resp: 395184
Ion Ratio Lower Upper
168 100
99 54.9 46.2 69.2



#10
Methyl Iodide
Concen: 2.524 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

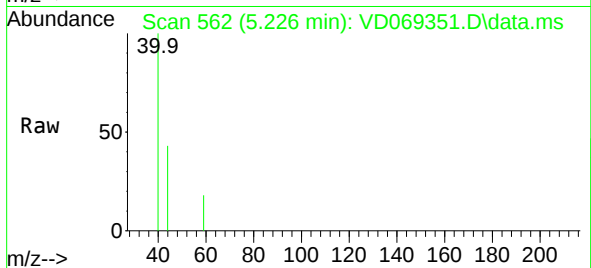
Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



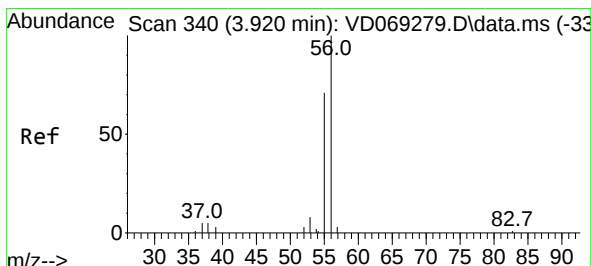
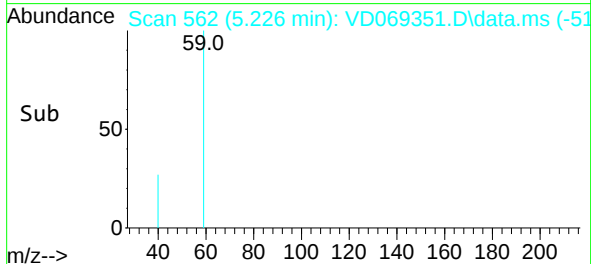
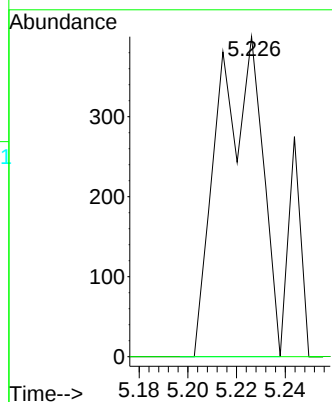


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Instrument :
MSVOA_D
ClientSampled :
19

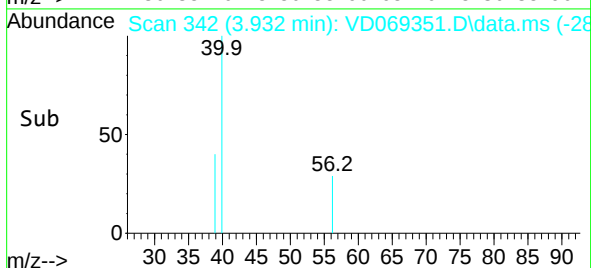
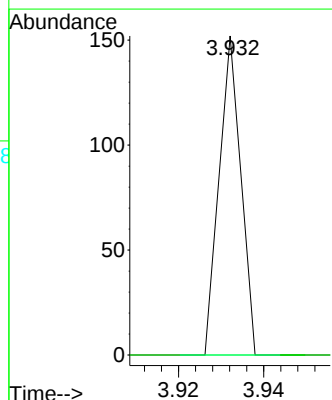
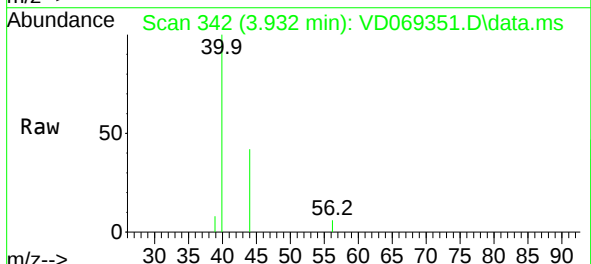


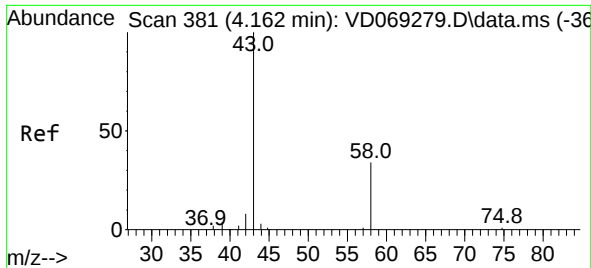
Tgt Ion: 59 Resp: 501
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 17.343 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.012 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.8#

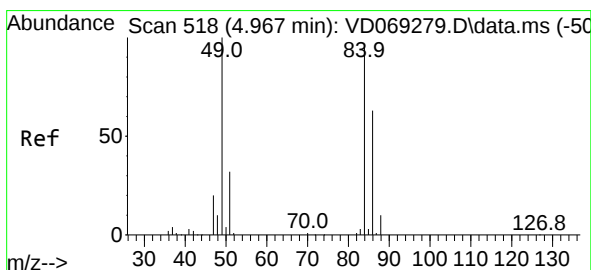
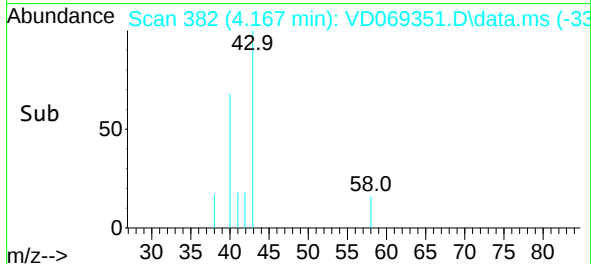
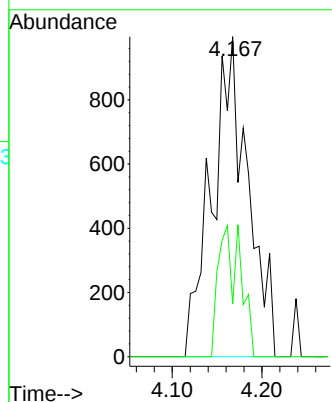
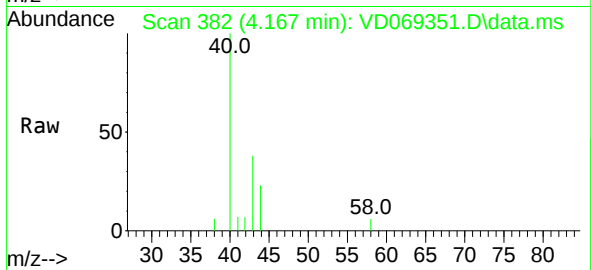




#16
Acetone
Concen: 4.183 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

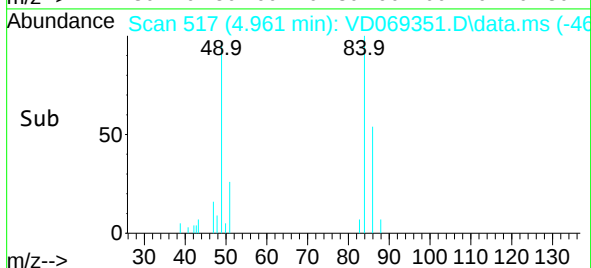
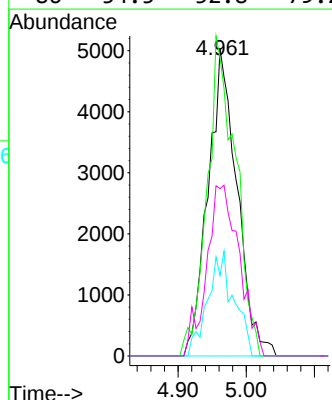
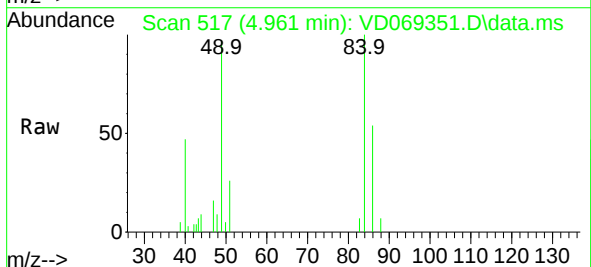
Instrument :
MSVOA_D
ClientSampleId :
19

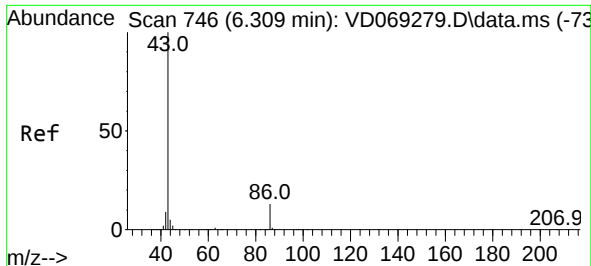
Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
58 16.4 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Tgt Ion: 84 Resp: 14874
Ion Ratio Lower Upper
84 100
49 97.0 83.7 125.5
51 26.2 26.4 39.6#
86 54.5 52.8 79.2

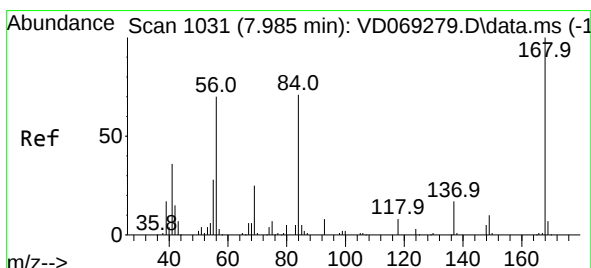
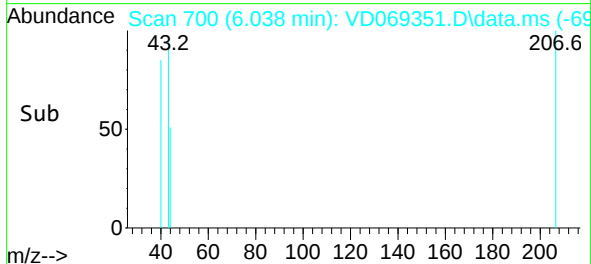
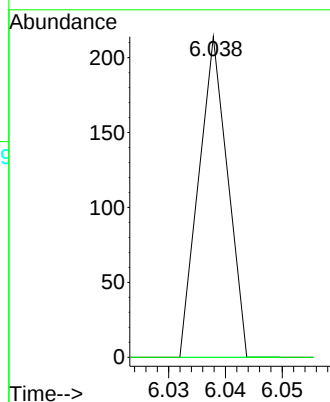
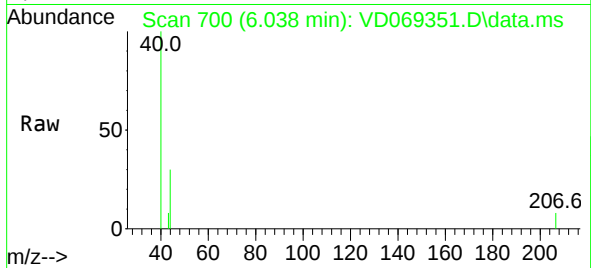




#23
 Vinyl Acetate
 Concen: 11.624 ug/l
 RT: 6.038 min Scan# 700
 Delta R.T. -0.271 min
 Lab File: VD069351.D
 Acq: 04 Jun 2021 17:44

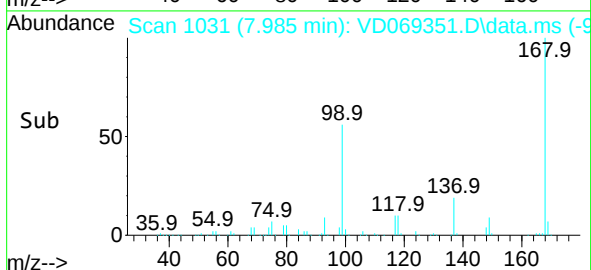
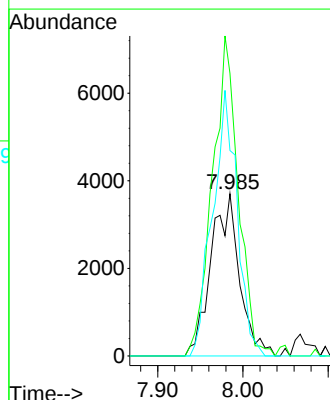
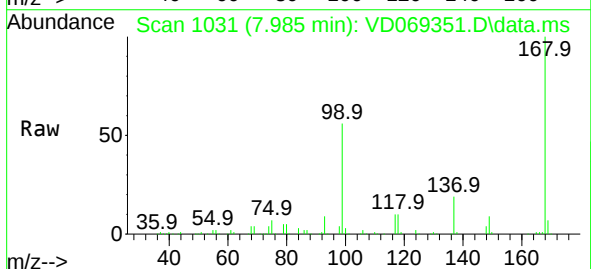
Instrument :
 MSVOA_D
 ClientSampled :
 19

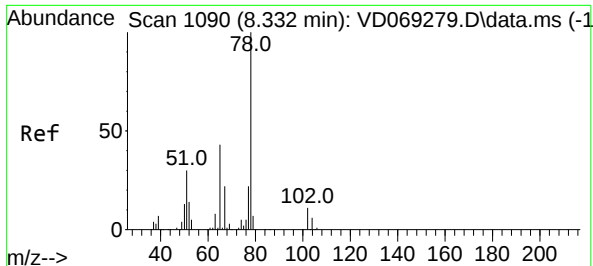
Tgt Ion: 43 Resp: 76
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.431 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069351.D
 Acq: 04 Jun 2021 17:44

Tgt Ion: 56 Resp: 8622
 Ion Ratio Lower Upper
 56 100
 69 174.2 29.0 43.4#
 84 126.6 81.1 121.7#

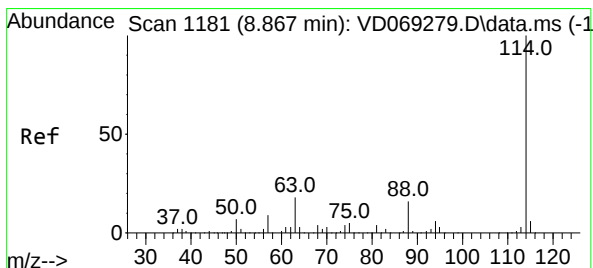
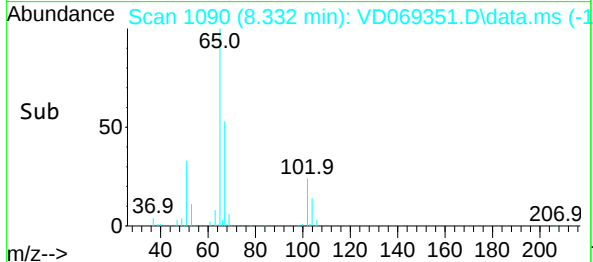
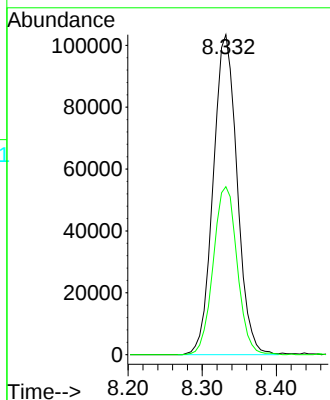
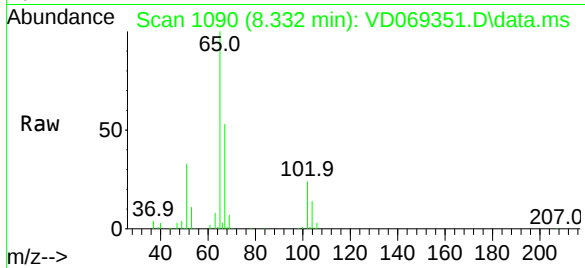




#33
1,2-Dichloroethane-d4
Concen: 61.038 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

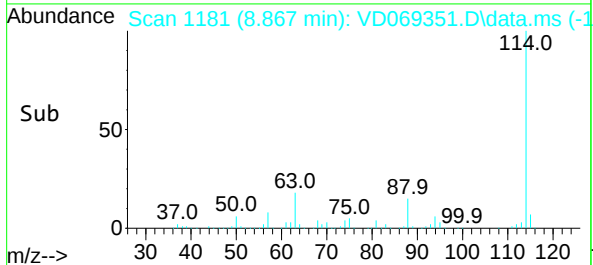
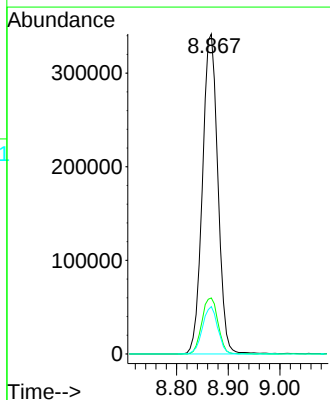
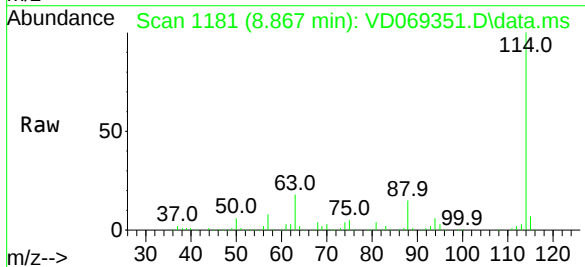
Instrument :
MSVOA_D
ClientSampleId :
19

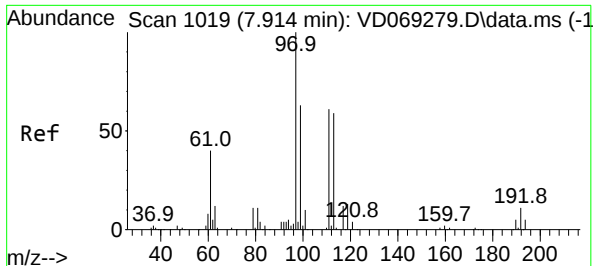
Tgt Ion: 65 Resp: 231447
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Tgt Ion: 114 Resp: 707244
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.6
88 14.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.559 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069351.D

Acq: 04 Jun 2021 17:44

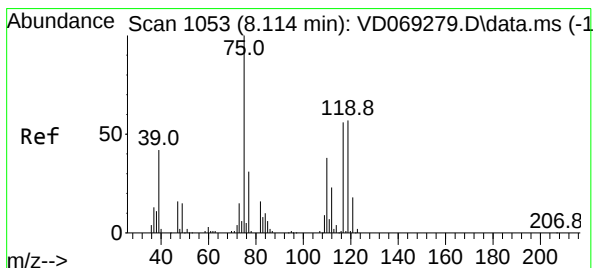
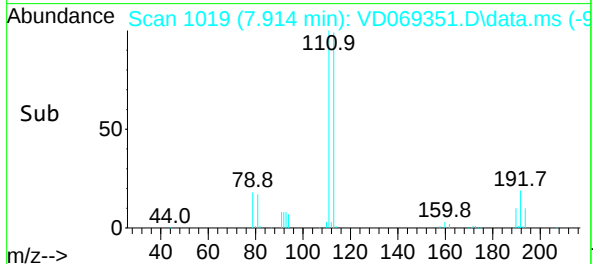
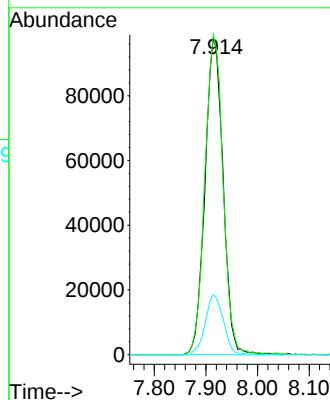
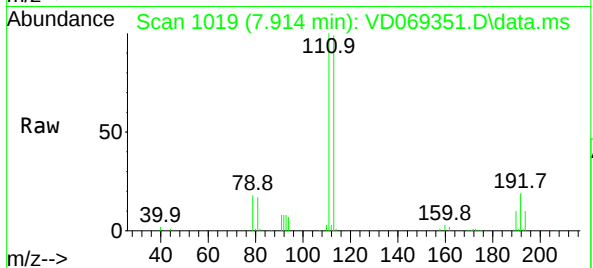
Tgt Ion:113 Resp: 237874

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.6

192 18.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.467 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069351.D

Acq: 04 Jun 2021 17:44

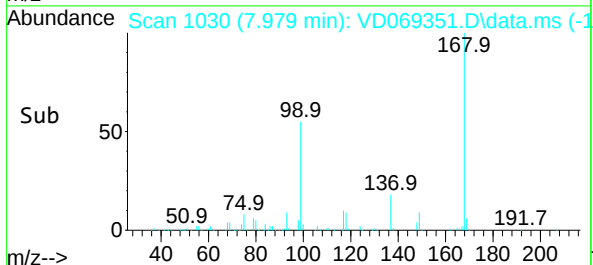
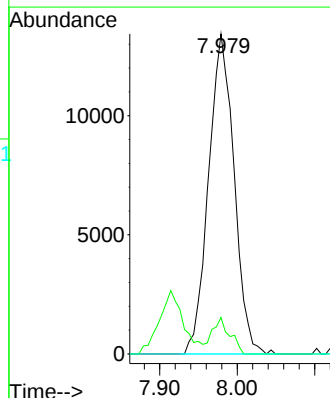
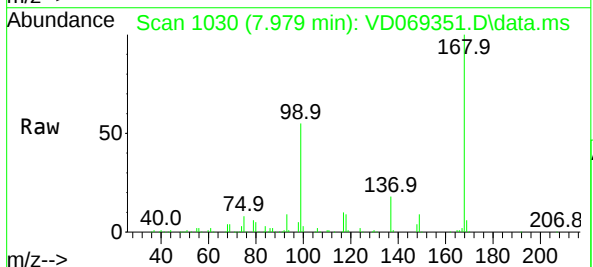
Tgt Ion: 75 Resp: 30705

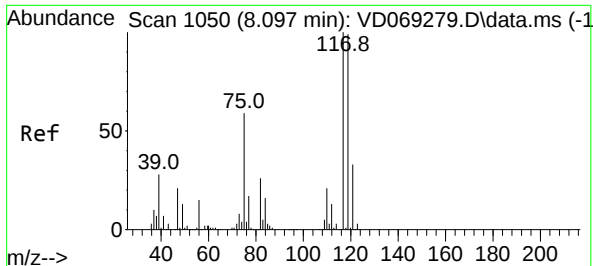
Ion Ratio Lower Upper

75 100

110 7.9 18.4 55.2#

77 0.0 24.9 37.3#

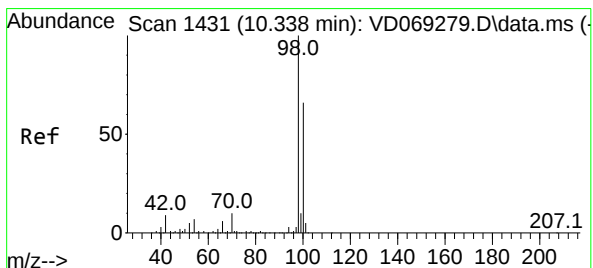
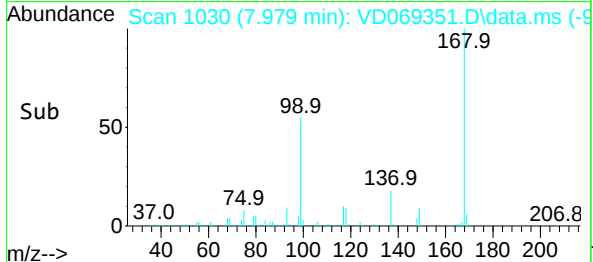
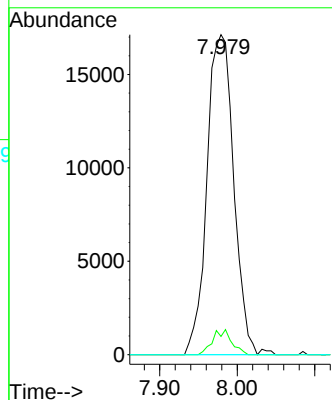
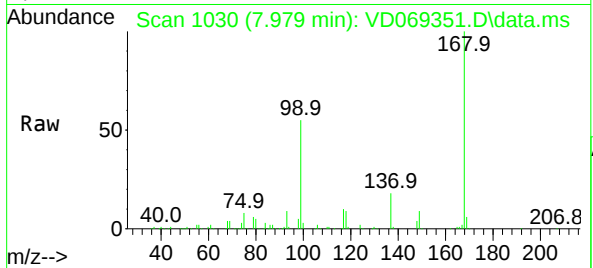




#38
Carbon Tetrachloride
Concen: 5.553 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

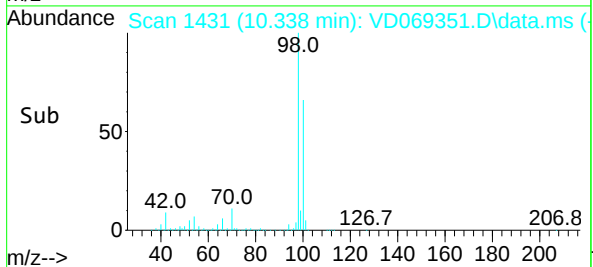
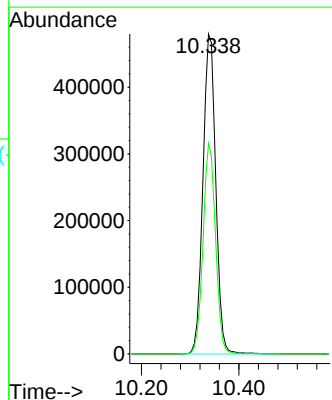
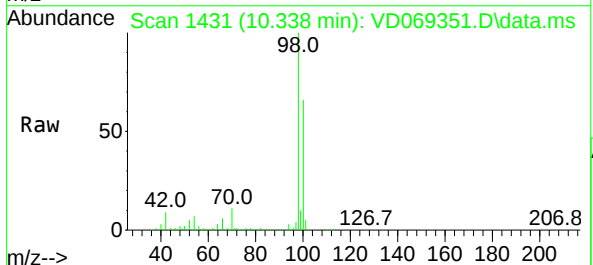
Instrument :
MSVOA_D
ClientSampleId :
19

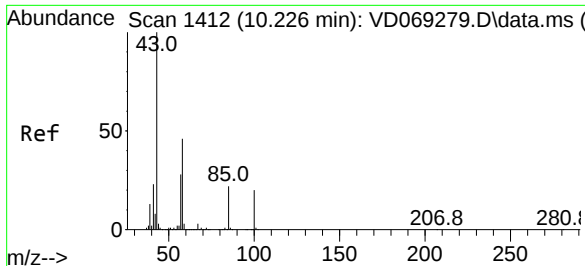
Tgt Ion:117 Resp: 41216
Ion Ratio Lower Upper
117 100
119 5.7 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.217 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Tgt Ion: 98 Resp: 875622
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

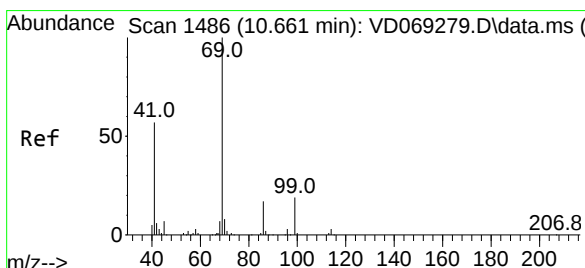
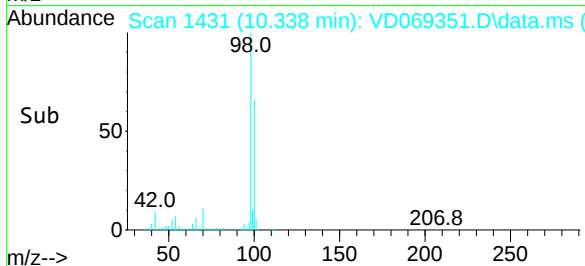
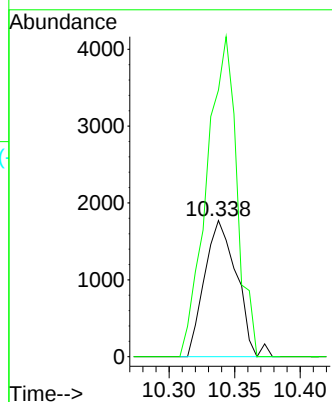
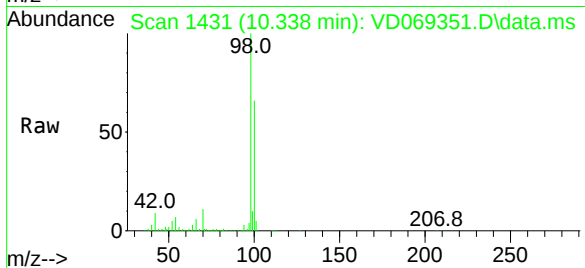




#51
4-Methyl-2-Pentanone
Concen: 1.378 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

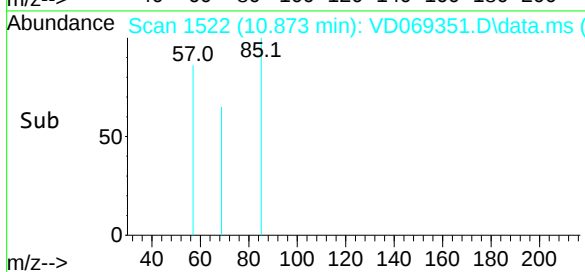
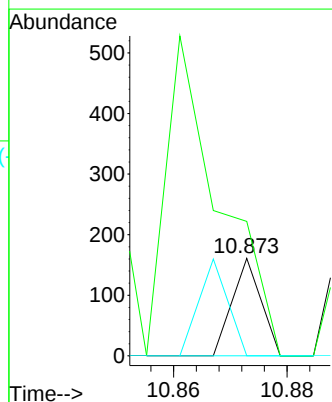
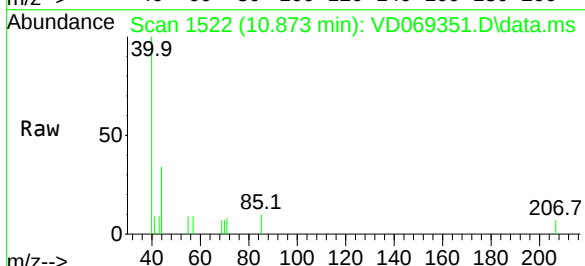
Instrument :
MSVOA_D
ClientSampleId :
19

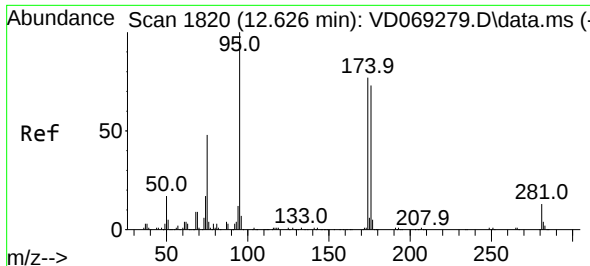
Tgt Ion: 43 Resp: 3023
Ion Ratio Lower Upper
43 100
58 220.2 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.650 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.212 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 826.3 45.4 68.2#
39 98.2 21.7 32.5#

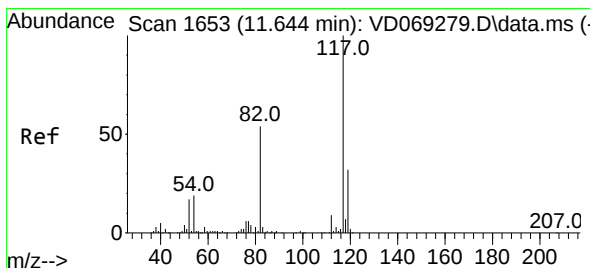
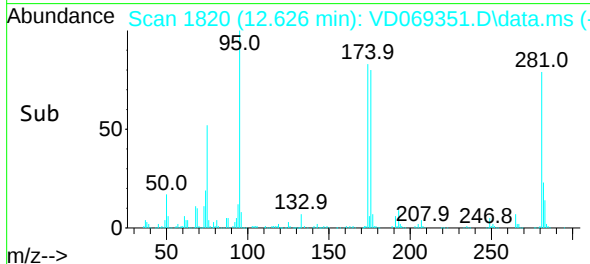
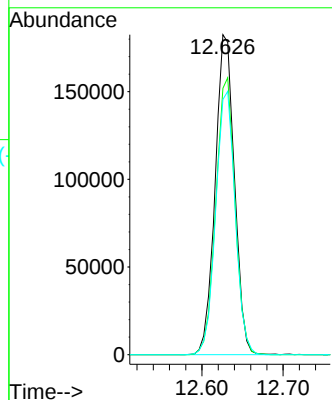
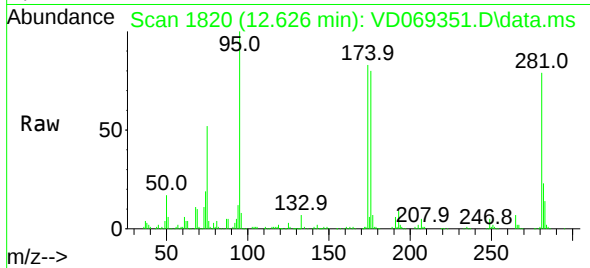




#62
4-Bromofluorobenzene
Concen: 56.943 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

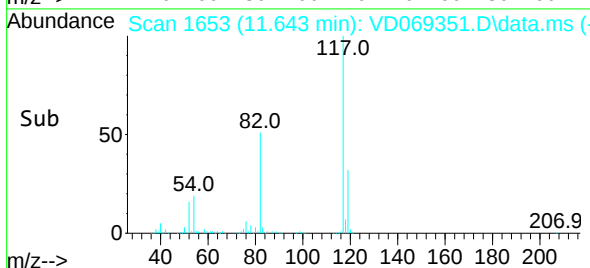
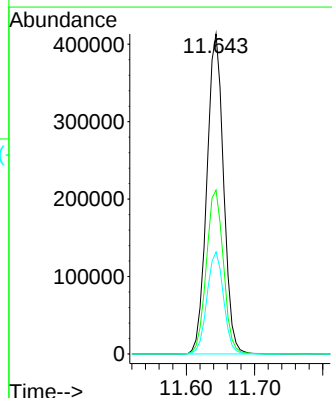
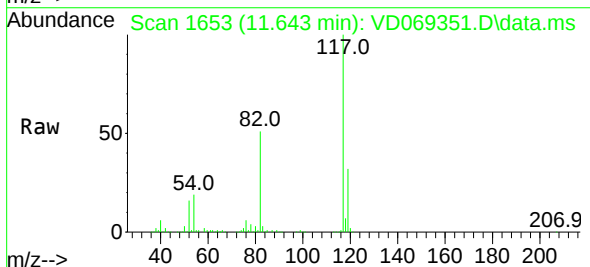
Instrument :
MSVOA_D
ClientSampleId :
19

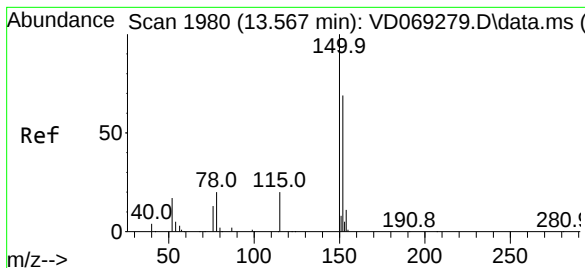
Tgt Ion:	95	Resp:	301341
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	162.8
176	82.9	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Tgt Ion:	117	Resp:	704356
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.3	64.9
119	31.9	25.3	37.9

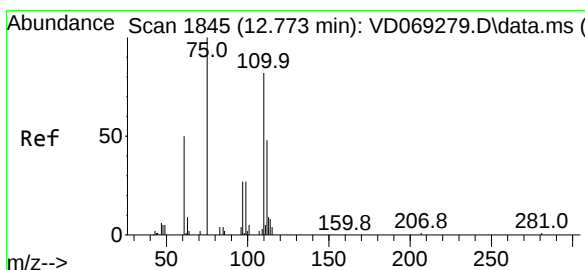
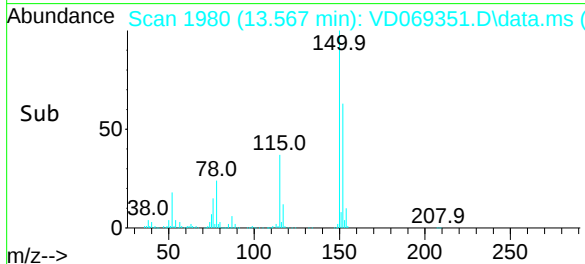
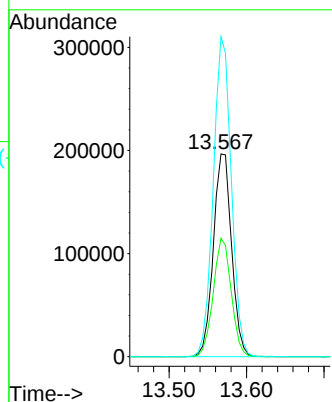
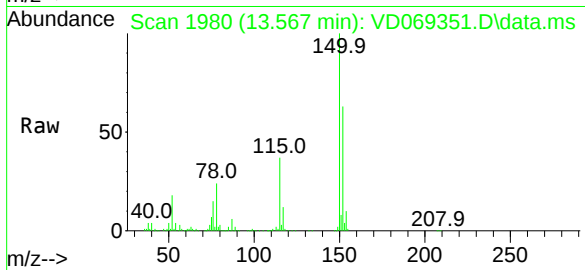




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069351.D
 Acq: 04 Jun 2021 17:44

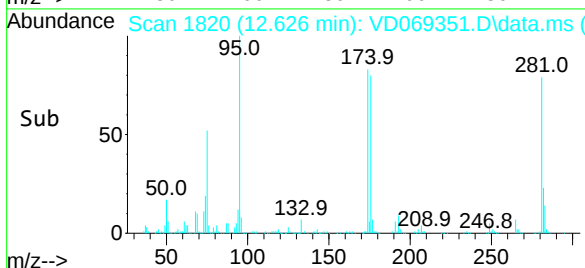
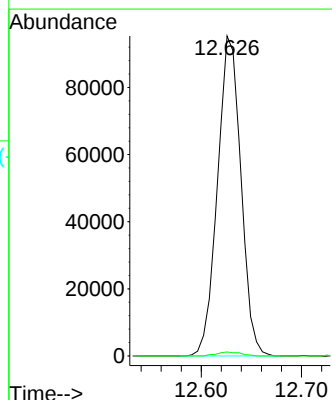
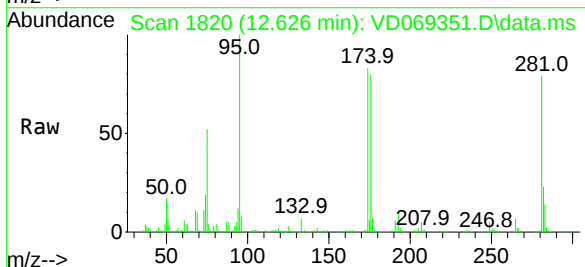
Instrument :
 MSVOA_D
 ClientSampleId :
 19

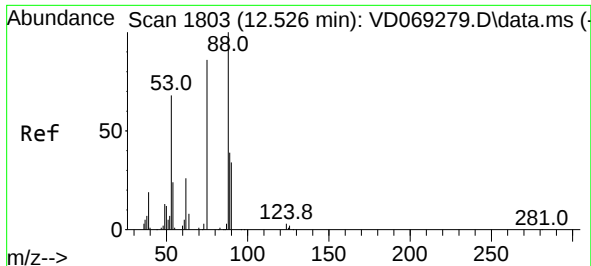
Tgt Ion:152 Resp: 322080
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.4 88.3
 150 155.6 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 55.237 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069351.D
 Acq: 04 Jun 2021 17:44

Tgt Ion: 75 Resp: 154572
 Ion Ratio Lower Upper
 75 100
 77 1.3 183.8 551.2#

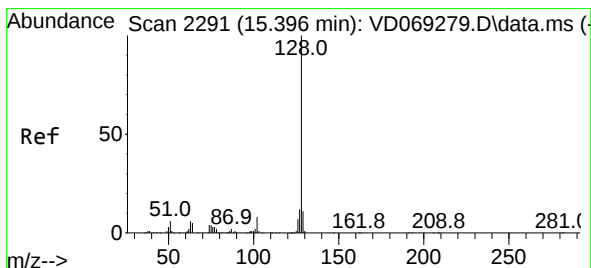
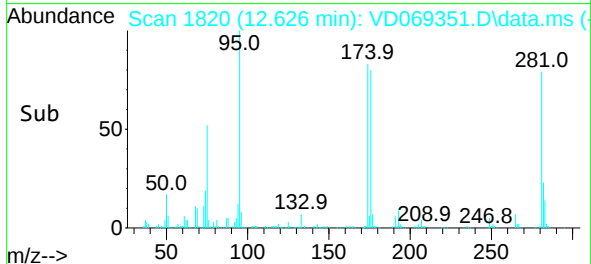
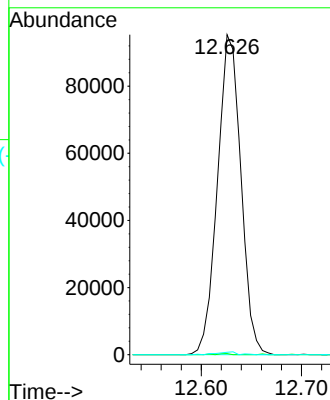
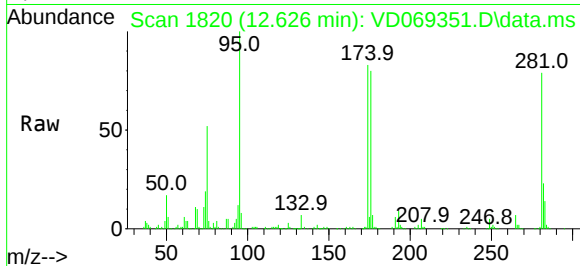




#81
trans-1,4-Dichloro-2-butene
Concen: 122.406 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Instrument :
MSVOA_D
ClientSampleId :
19

Tgt Ion: 75 Resp: 154572
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.8 35.6 53.4#



#95
Naphthalene
Concen: 3.338 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.017 min
Lab File: VD069351.D
Acq: 04 Jun 2021 17:44

Tgt Ion:128 Resp: 430
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

