

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069308.D
 Acq On : 02 Jun 2021 18:23
 Operator : VA/SY
 Sample : M2580-08
 Misc : 9.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

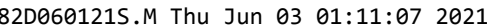
Quant Time: Jun 03 01:11:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

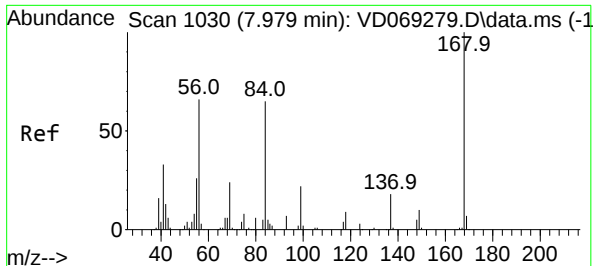
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	290643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	622970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	635914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	215835	77.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.78%
35) Dibromofluoromethane	7.914	113	209606	53.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.16%
50) Toluene-d8	10.337	98	808123	56.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.62%
62) 4-Bromofluorobenzene	12.626	95	294956	63.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.56%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	610	2.69	ug/l #	50
11) Tert butyl alcohol	5.220	59	732	Below	Cal #	73
16) Acetone	4.161	43	39442	81.05	ug/l	98
17) Carbon Disulfide	4.414	76	28467	2.95	ug/l	96
20) Methylene Chloride	4.967	84	9031	Below	Cal #	80
25) 2-Butanone	7.214	43	10299	16.08	ug/l	92
31) Cyclohexane	7.979	56	6637	1.50	ug/l #	53
36) 1,1-Dichloropropene	7.985	75	23359	3.86	ug/l #	50
37) Ethyl Acetate	7.214	43	10299	5.01	ug/l #	73
38) Carbon Tetrachloride	7.985	117	30174	4.62	ug/l #	16
56) Ethyl methacrylate	10.679	69	129	2.67	ug/l #	1
59) 2-Hexanone	10.984	43	2823	2.19	ug/l	78
76) 1,2,3-Trichloropropane	12.626	75	147349	55.72	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	147349	123.47	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.267	105	19182	1.09	ug/l	88
95) Naphthalene	15.396	128	174394	18.98	ug/l	100

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

Quant Time: Jun 03 01:11:01 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

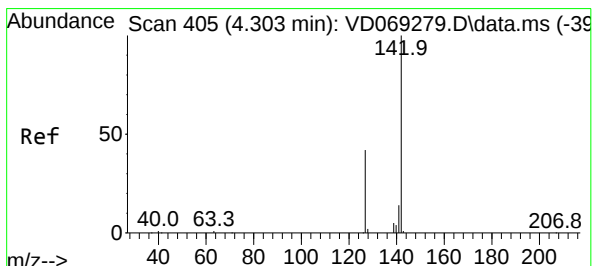
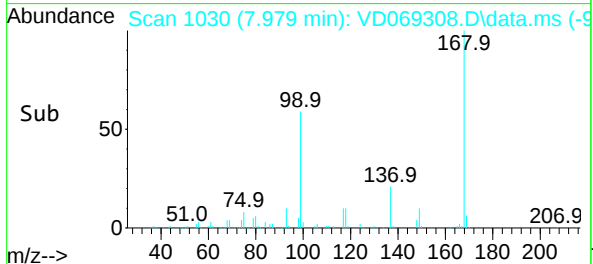
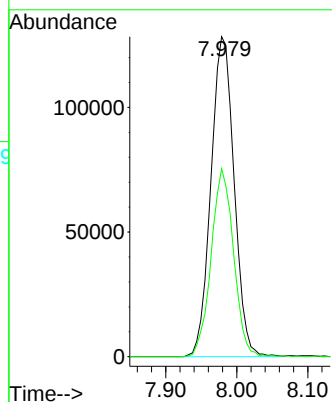
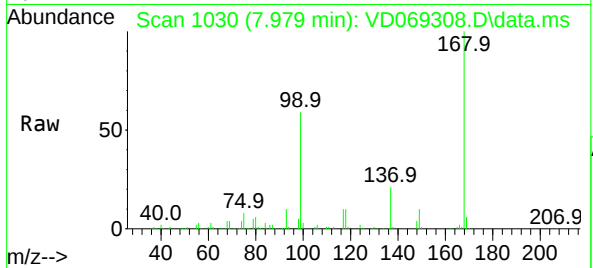




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

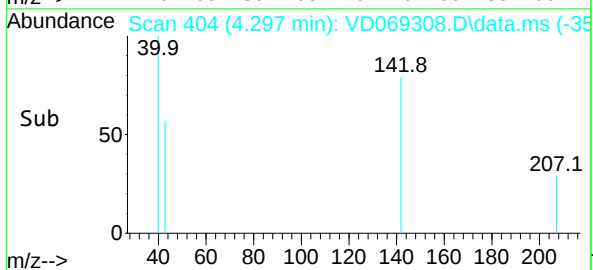
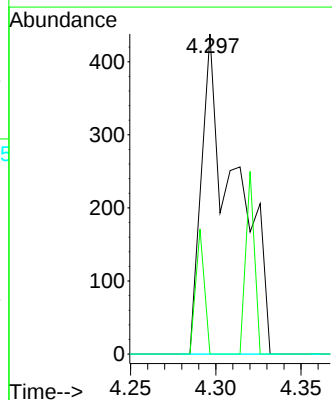
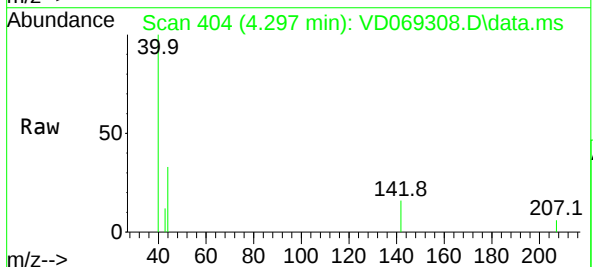
Instrument :
MSVOA_D
ClientSampled :

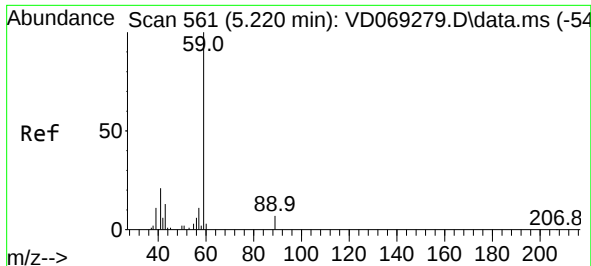
Tgt Ion:168 Resp: 290643
Ion Ratio Lower Upper
168 100
99 58.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.69 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

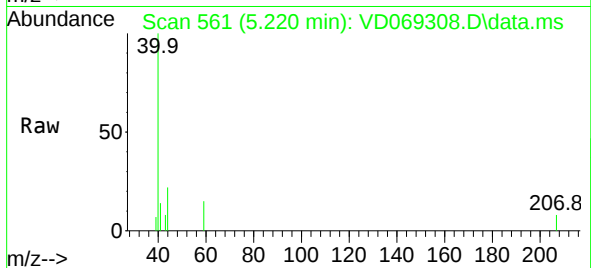
Tgt Ion:142 Resp: 610
Ion Ratio Lower Upper
142 100
127 9.8 36.2 54.2#
141 0.0 12.2 18.2#



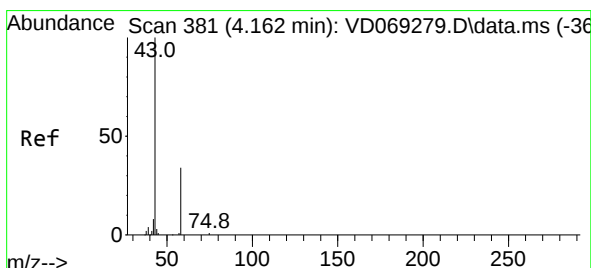
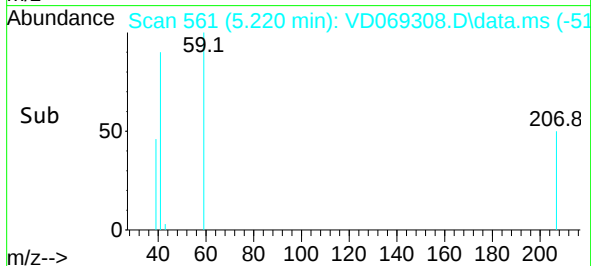
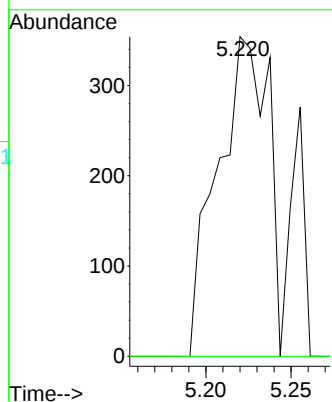


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Instrument :
MSVOA_D
ClientSampled :

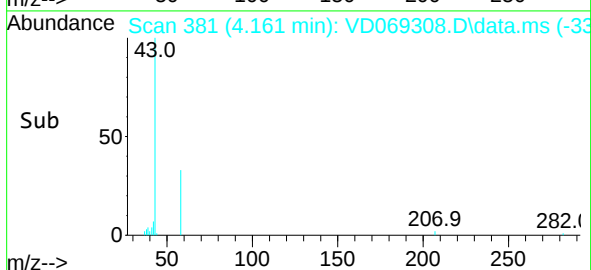
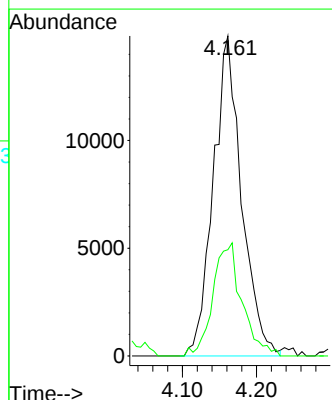
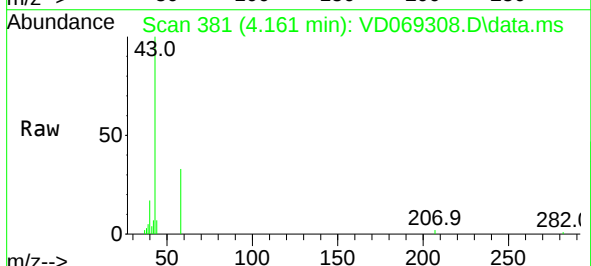


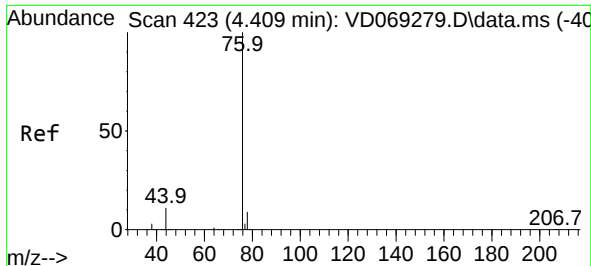
Tgt Ion: 59 Resp: 732
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 81.05 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

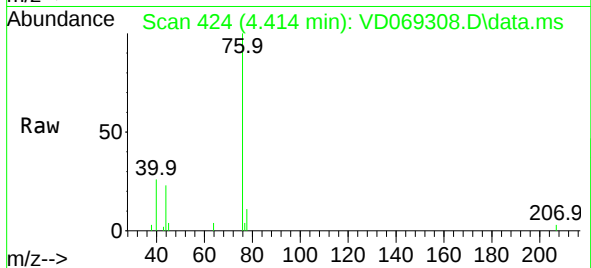
Tgt Ion: 43 Resp: 39442
Ion Ratio Lower Upper
43 100
58 33.2 27.5 41.3



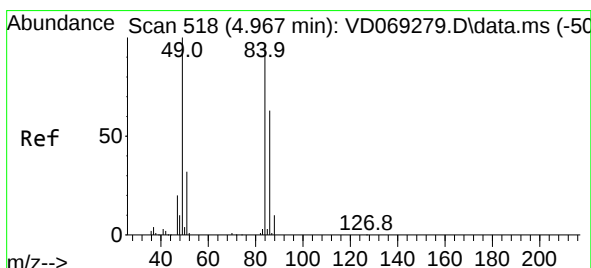
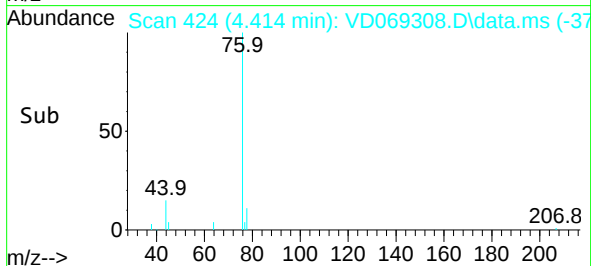
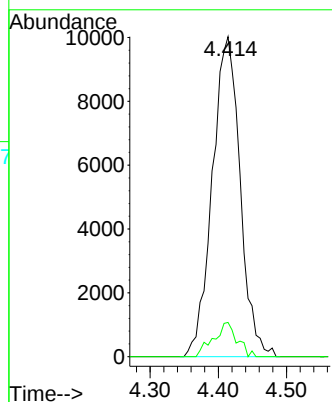


#17
Carbon Disulfide
Concen: 2.95 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Instrument :
MSVOA_D
ClientSampled :

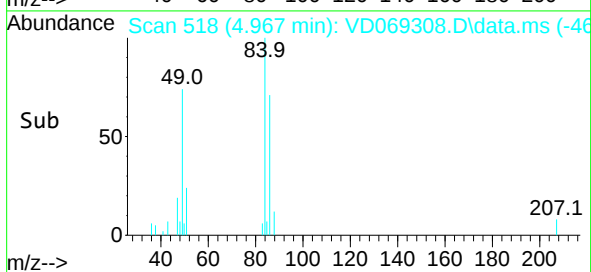
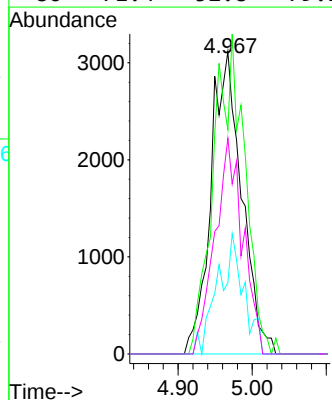
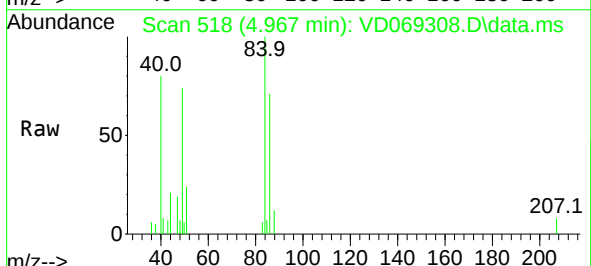


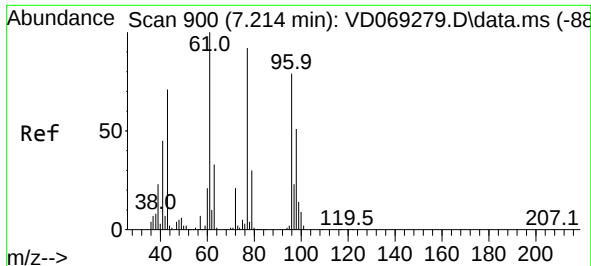
Tgt Ion: 76 Resp: 28467
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 84 Resp: 9031
Ion Ratio Lower Upper
84 100
49 74.2 83.7 125.5#
51 23.6 26.4 39.6#
86 71.4 52.8 79.2

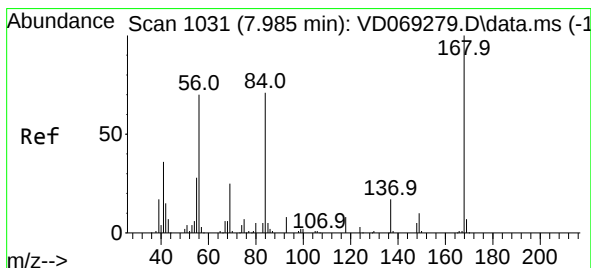
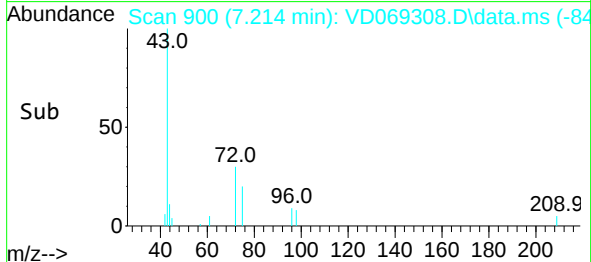
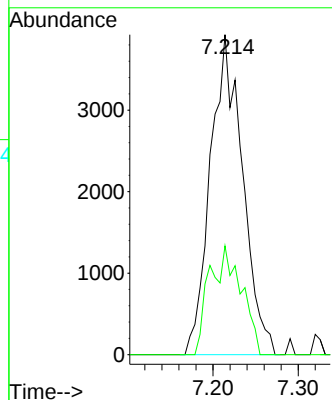
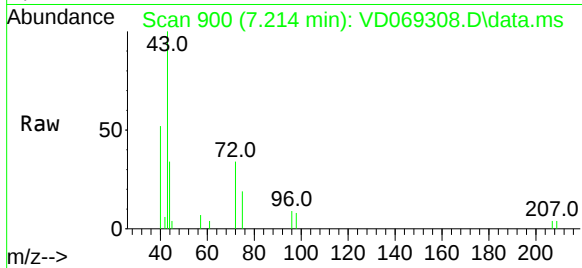




#25
2-Butanone
Concen: 16.08 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

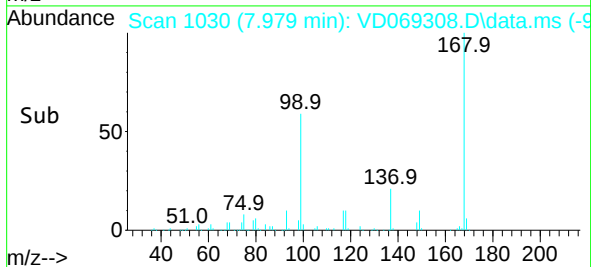
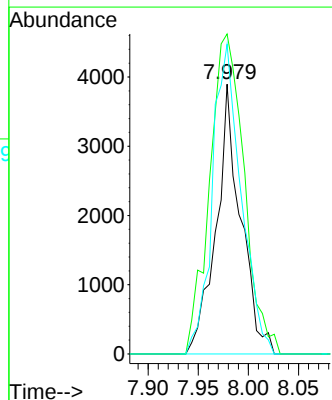
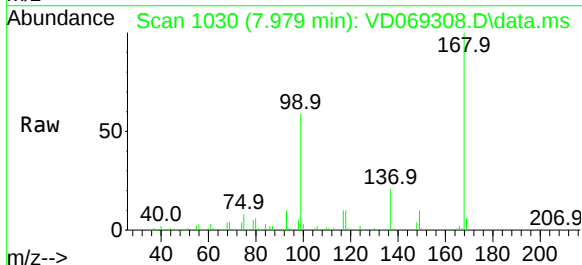
Instrument :
MSVOA_D
ClientSampled :

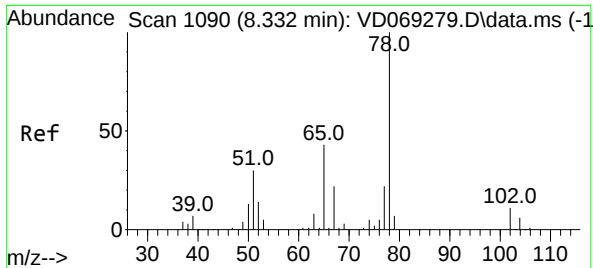
Tgt Ion: 43 Resp: 10299
Ion Ratio Lower Upper
43 100
72 34.0 23.9 35.9



#31
Cyclohexane
Concen: 1.50 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 56 Resp: 6637
Ion Ratio Lower Upper
56 100
69 118.6 29.0 43.4#
84 114.9 81.1 121.7

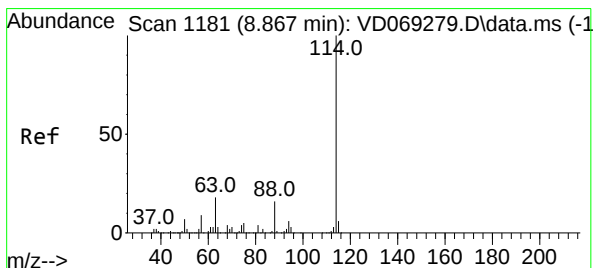
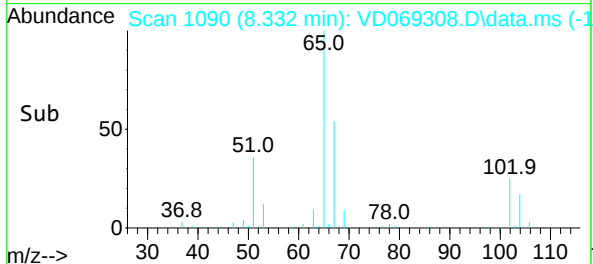
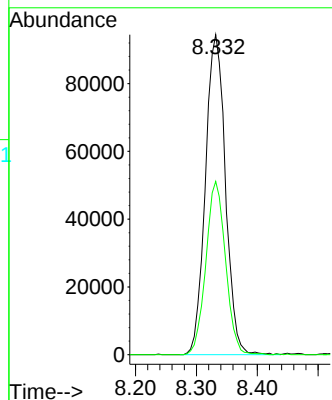
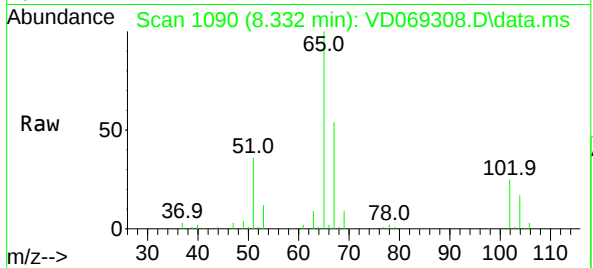




#33
1,2-Dichloroethane-d4
Concen: 77.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

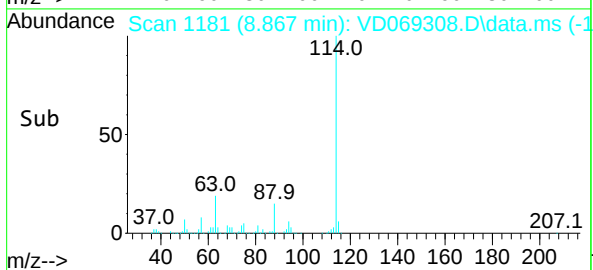
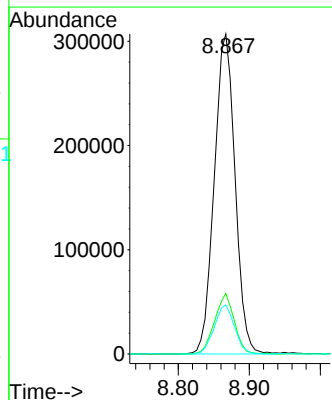
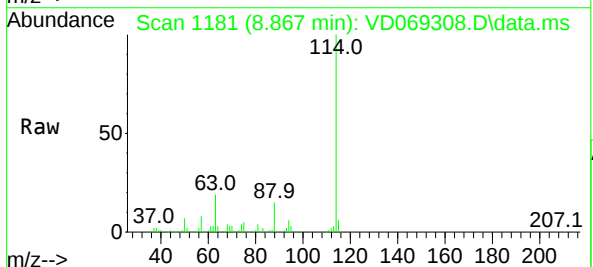
Instrument :
MSVOA_D
ClientSampled :

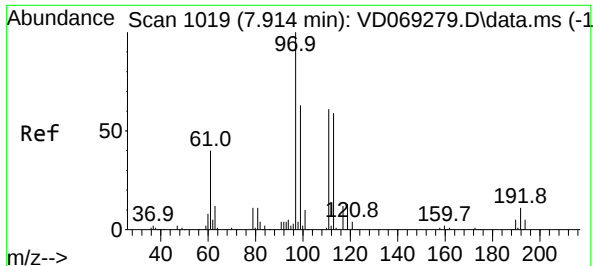
Tgt Ion: 65 Resp: 215835
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 114 Resp: 622970
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.6
88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.58 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069308.D

Acq: 02 Jun 2021 18:23

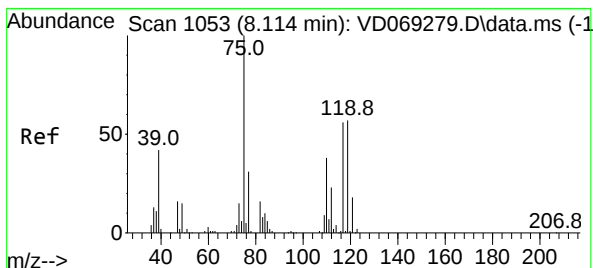
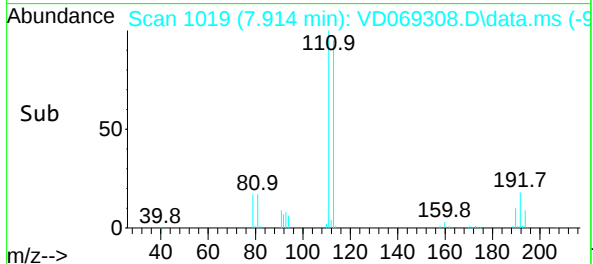
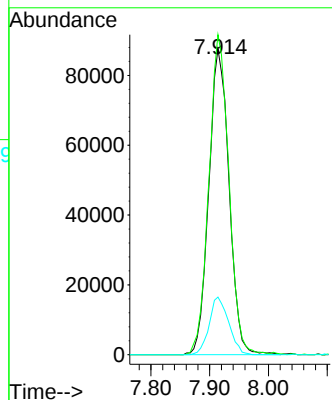
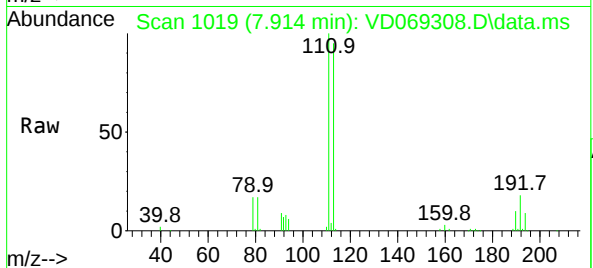
Tgt Ion:113 Resp: 209606

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

192 18.1 15.1 22.7



#36

1,1-Dichloropropene

Concen: 3.86 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.130 min

Lab File: VD069308.D

Acq: 02 Jun 2021 18:23

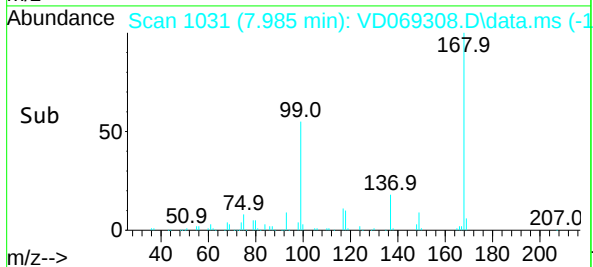
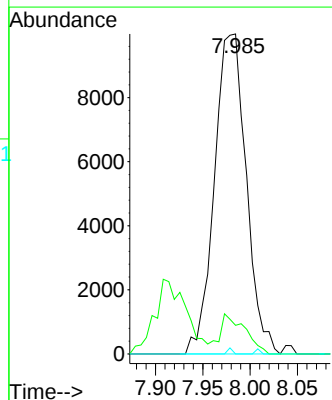
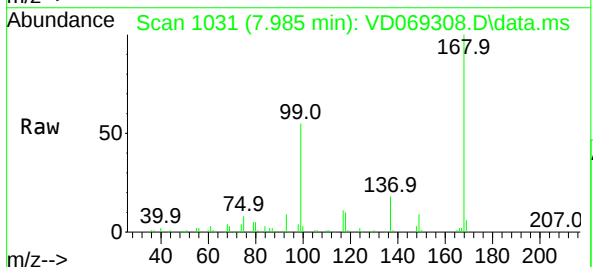
Tgt Ion: 75 Resp: 23359

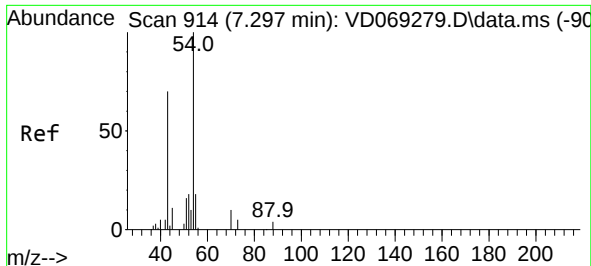
Ion Ratio Lower Upper

75 100

110 10.0 18.4 55.2#

77 0.3 24.9 37.3#





#37

Ethyl Acetate

Concen: 5.01 ug/l

RT: 7.214 min Scan# 900

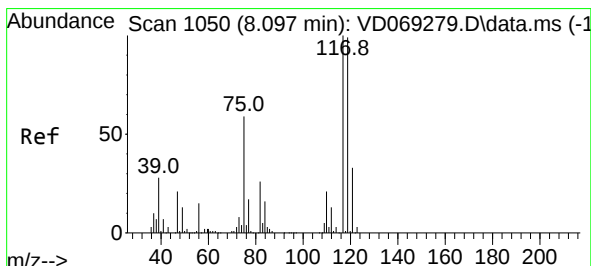
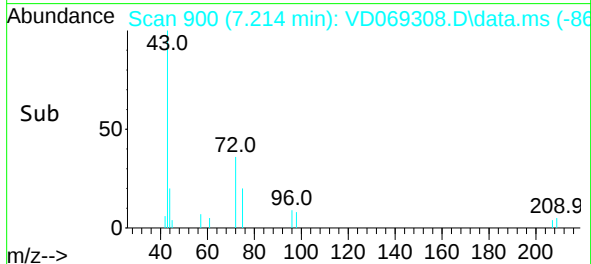
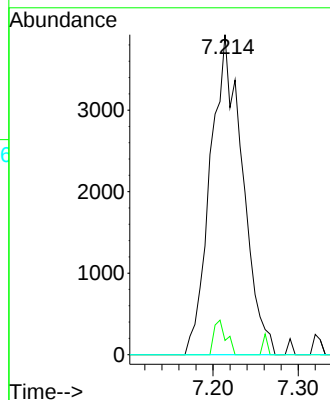
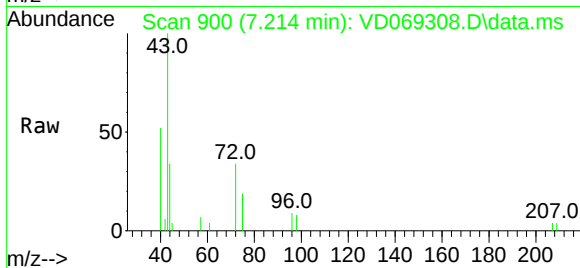
Delta R.T. -0.083 min

Lab File: VD069308.D

Acq: 02 Jun 2021 18:23

Tgt Ion:	43	Resp:	10299
Ion	Ratio	Lower	Upper
43	100		
61	4.1	11.0	16.6#
70	0.0	9.7	14.5#

Instrument :
MSVOA_D
ClientSampled :



#38

Carbon Tetrachloride

Concen: 4.62 ug/l

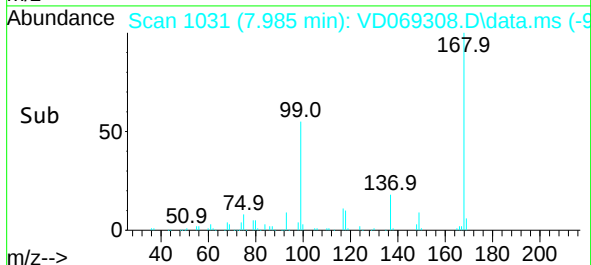
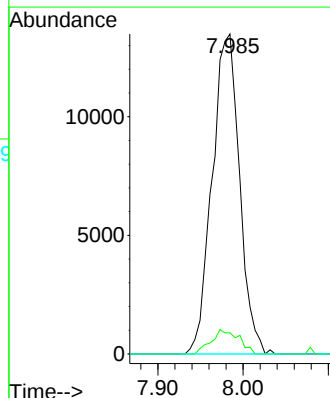
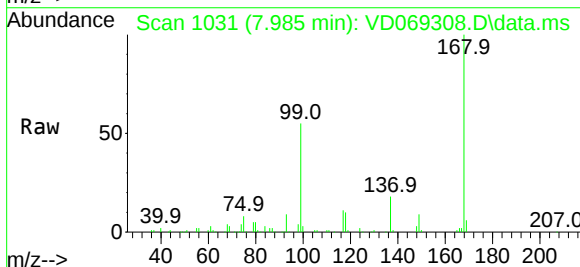
RT: 7.985 min Scan# 1031

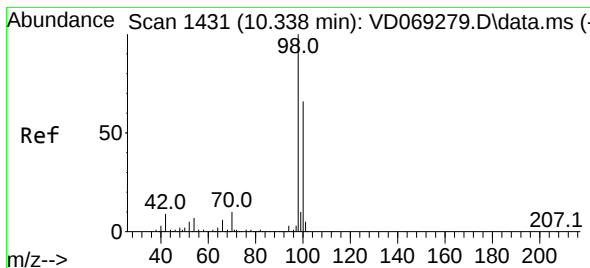
Delta R.T. -0.112 min

Lab File: VD069308.D

Acq: 02 Jun 2021 18:23

Tgt Ion:	117	Resp:	30174
Ion	Ratio	Lower	Upper
117	100		
119	6.6	79.4	119.2#
121	0.0	26.1	39.1#

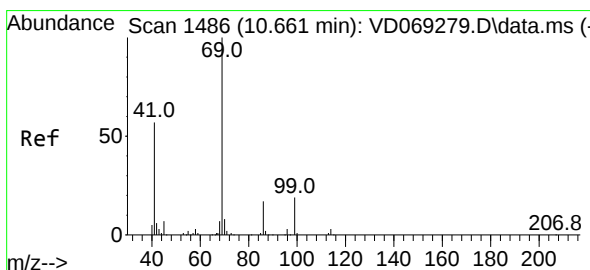
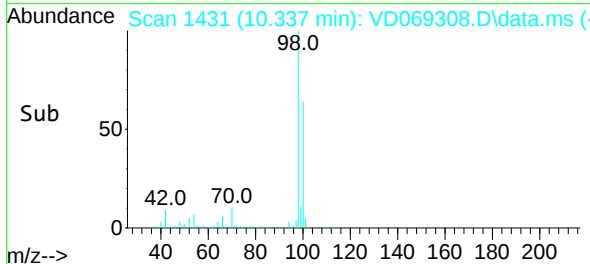
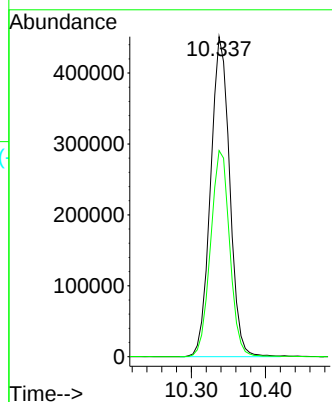
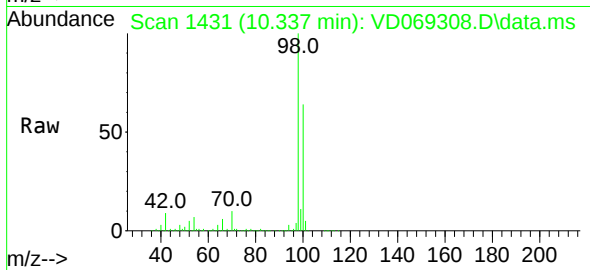




#50
Toluene-d8
Concen: 56.81 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

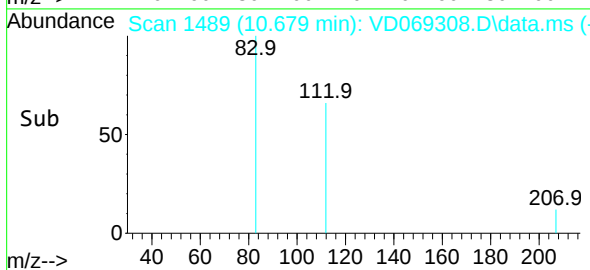
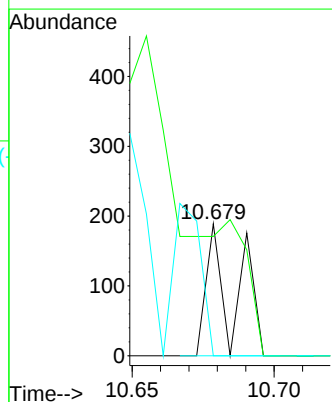
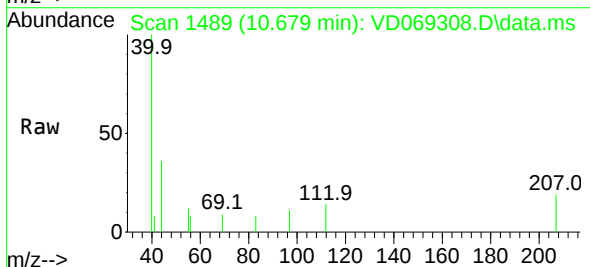
Instrument :
MSVOA_D
ClientSampled :

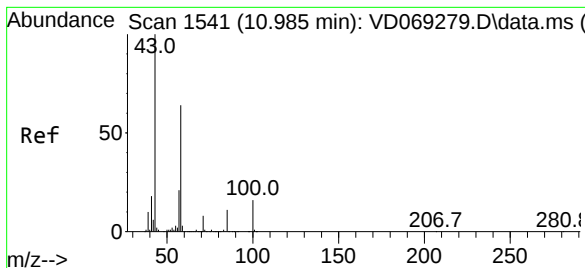
Tgt Ion: 98 Resp: 808123
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.67 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 69 Resp: 129
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 112.4 21.7 32.5#

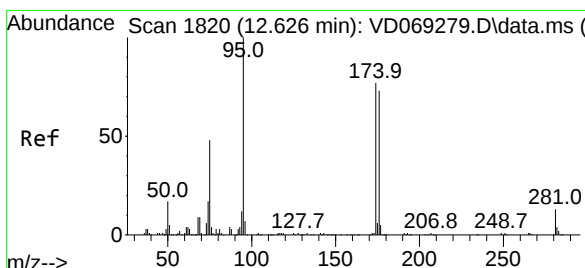
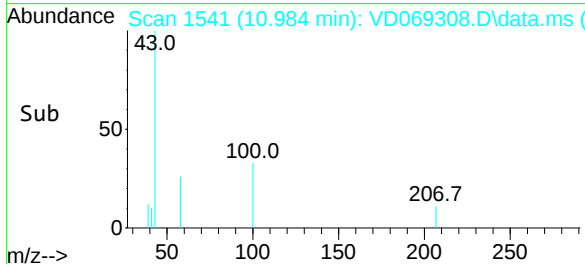
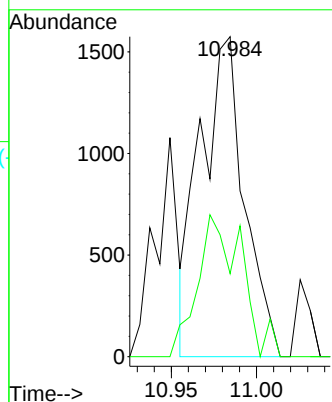
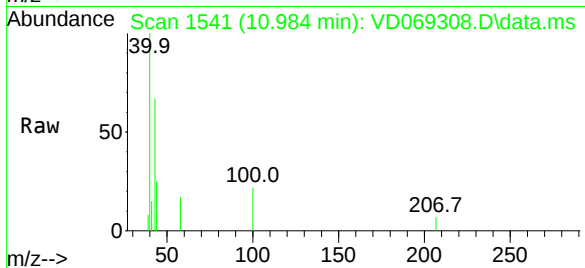




#59
2-Hexanone
Concen: 2.19 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

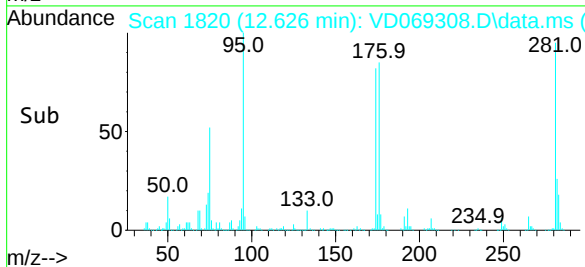
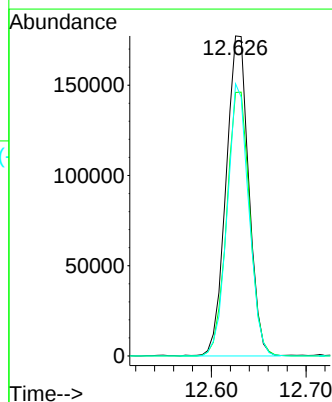
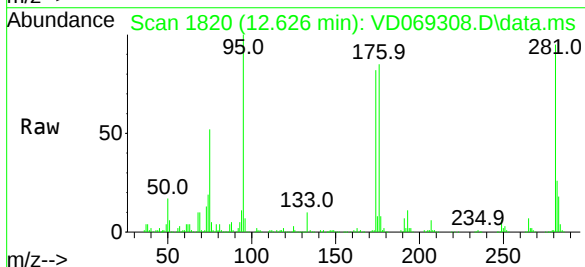
Instrument :
MSVOA_D
ClientSampled :

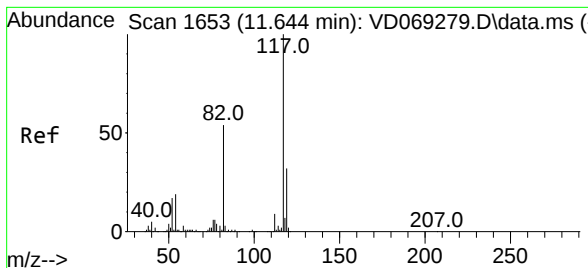
Tgt Ion: 43 Resp: 2823
Ion Ratio Lower Upper
43 100
58 44.3 30.8 92.3



#62
4-Bromofluorobenzene
Concen: 63.28 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 95 Resp: 294956
Ion Ratio Lower Upper
95 100
174 83.3 0.0 162.8
176 80.7 0.0 154.4

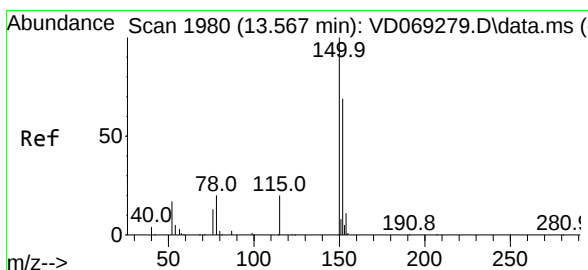
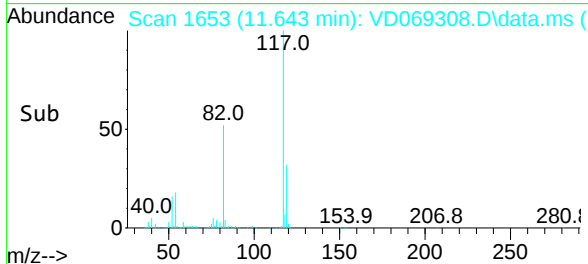
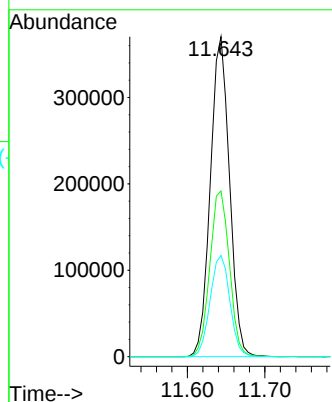
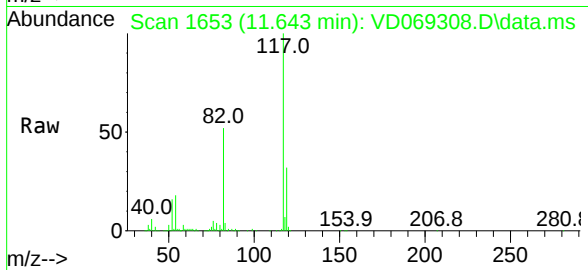




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

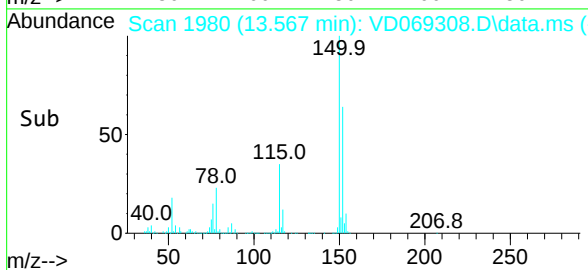
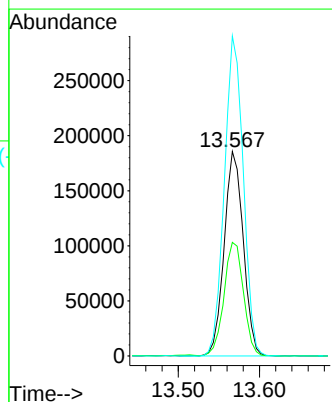
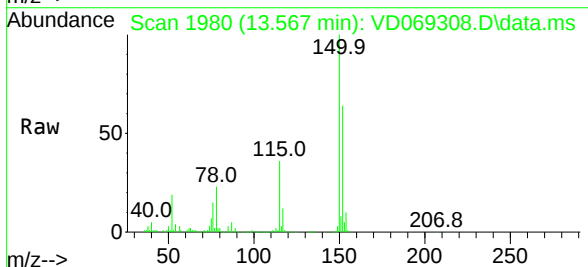
Instrument :
MSVOA_D
ClientSampleId :

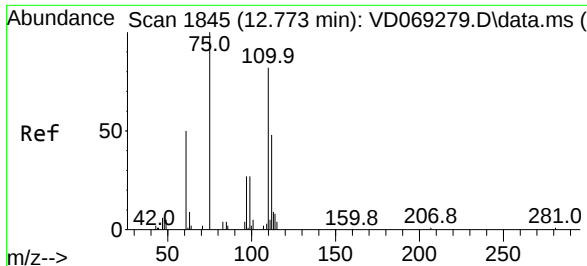
Tgt Ion:117 Resp: 635914
Ion Ratio Lower Upper
117 100
82 51.8 43.3 64.9
119 31.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion:152 Resp: 304371
Ion Ratio Lower Upper
152 100
115 56.6 29.4 88.3
150 154.8 0.0 355.0

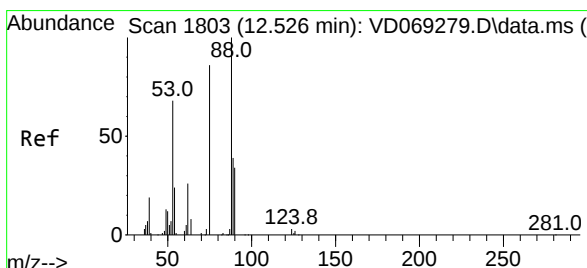
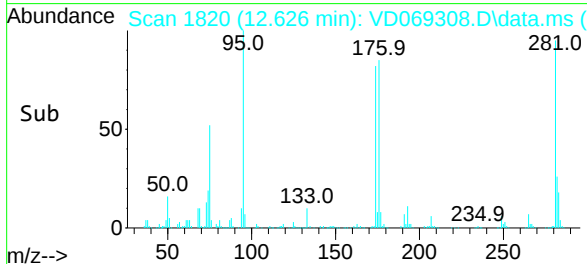
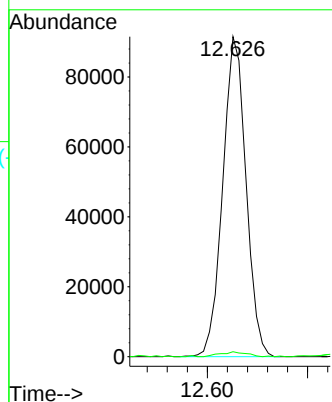
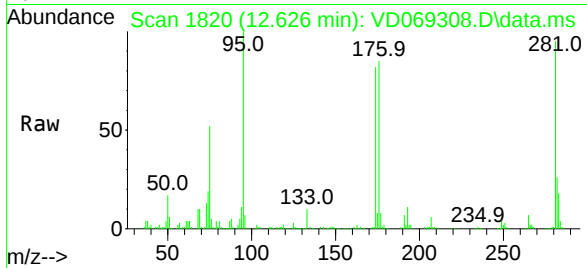




#76
1,2,3-Trichloropropane
Concen: 55.72 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

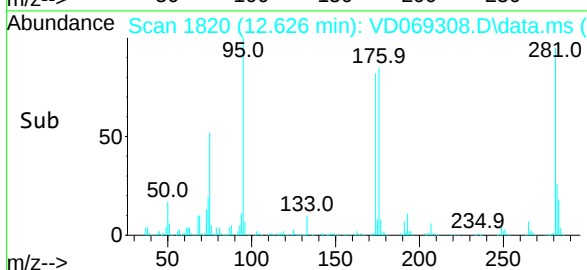
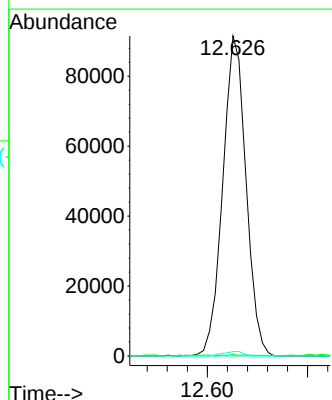
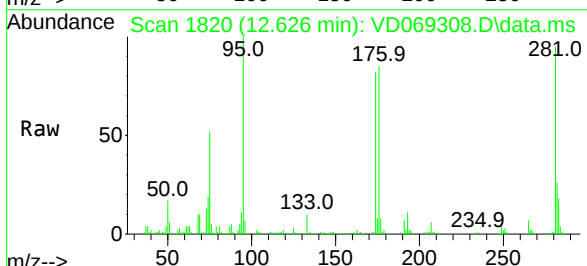
Instrument :
MSVOA_D
ClientSampled :

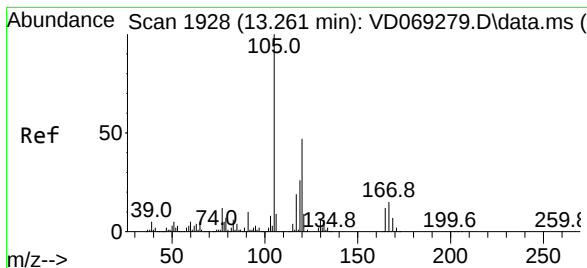
Tgt Ion: 75 Resp: 147349
Ion Ratio Lower Upper
75 100
77 1.7 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.47 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 75 Resp: 147349
Ion Ratio Lower Upper
75 100
53 0.5 62.6 94.0#
89 1.2 35.6 53.4#





#84

1,2,4-Trimethylbenzene

Concen: 1.09 ug/l

RT: 13.267 min Scan# 1929

Delta R.T. 0.006 min

Lab File: VD069308.D

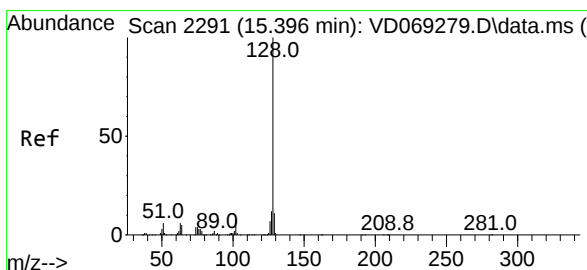
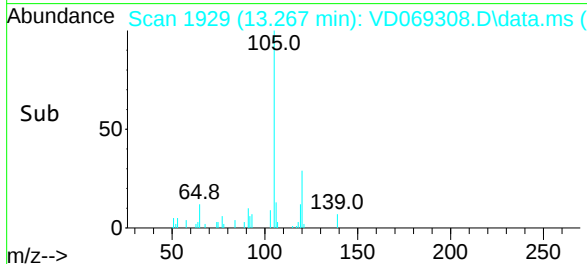
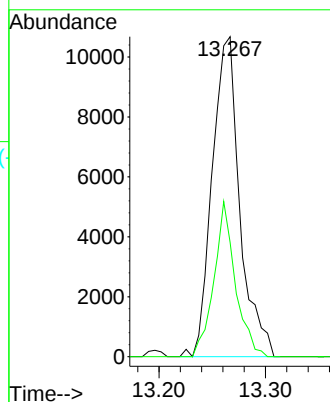
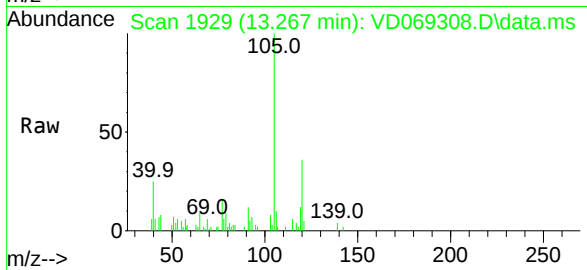
Acq: 02 Jun 2021 18:23

Tgt Ion:105 Resp: 19182

Ion Ratio Lower Upper

105 100

120 37.6 22.6 67.8



#95

Naphthalene

Concen: 18.98 ug/l

RT: 15.396 min Scan# 2291

Delta R.T. -0.000 min

Lab File: VD069308.D

Acq: 02 Jun 2021 18:23

Tgt Ion:128 Resp: 174394

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 8.8 13.2

