

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060121\
 Data File : VD069288.D
 Acq On : 01 Jun 2021 17:29
 Operator : VA/SY
 Sample : M2551-13
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

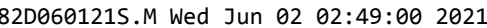
Quant Time: Jun 02 02:48:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

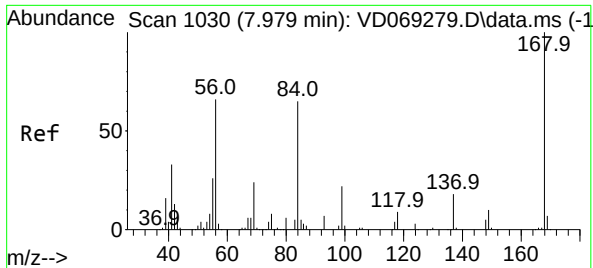
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	299521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	578109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	532670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	229373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	178061	61.96	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 123.92%		
35) Dibromofluoromethane	7.914	113	199128	54.85	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 109.70%		
50) Toluene-d8	10.338	98	698133	52.88	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 105.76%		
62) 4-Bromofluorobenzene	12.626	95	211162	48.82	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 97.64%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	600	2.68	ug/l #	53
11) Tert butyl alcohol	5.179	59	426	Below	Cal #	73
16) Acetone	4.173	43	1599	3.19	ug/l #	40
17) Carbon Disulfide	4.403	76	11234	1.13	ug/l #	92
20) Methylene Chloride	4.967	84	11026	Below	Cal #	85
23) Vinyl Acetate	6.308	43	219	11.66	ug/l #	67
31) Cyclohexane	7.985	56	7147	1.57	ug/l #	11
56) Ethyl methacrylate	10.667	69	144	2.68	ug/l #	37
76) 1,2,3-Trichloropropane	12.626	75	105458	52.92	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	105458	117.27	ug/l #	18
95) Naphthalene	15.384	128	1581	3.49	ug/l #	86

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

Quant Time: Jun 02 02:48:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

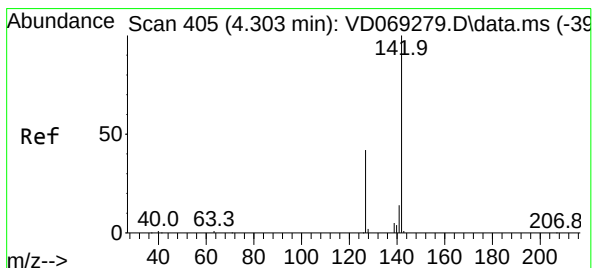
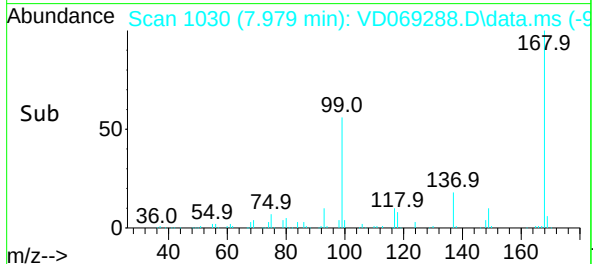
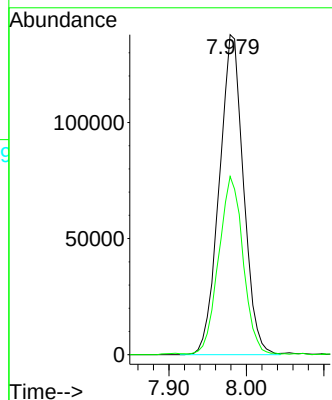
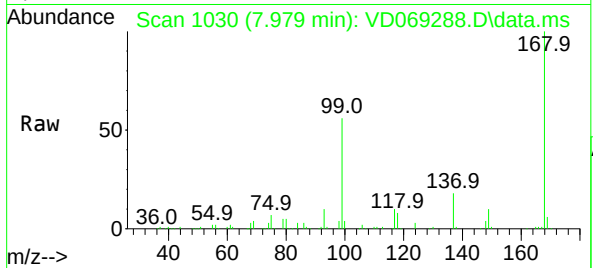




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

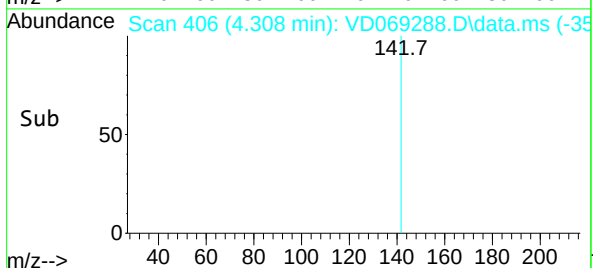
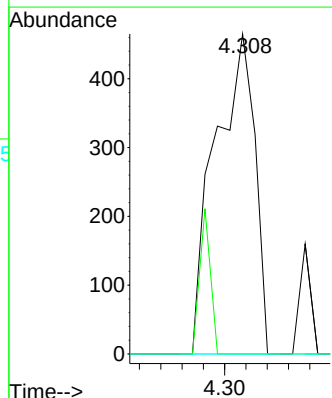
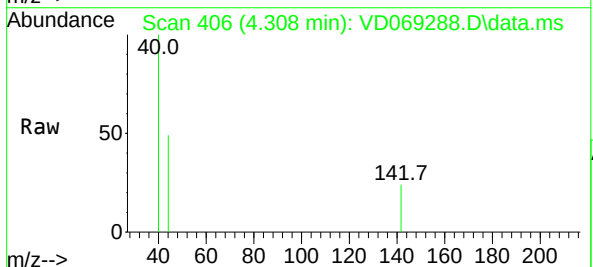
Instrument :
MSVOA_D
ClientSampleId :

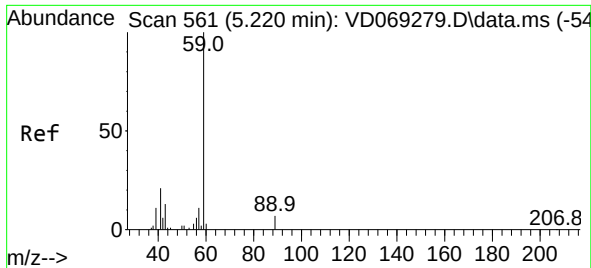
Tgt Ion:168 Resp: 299521
Ion Ratio Lower Upper
168 100
99 55.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.68 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.005 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

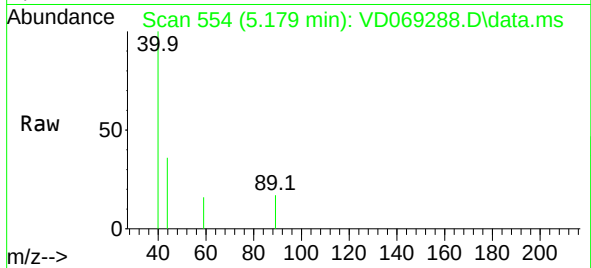
Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
142 100
127 12.3 36.2 54.2#
141 0.0 12.2 18.2#



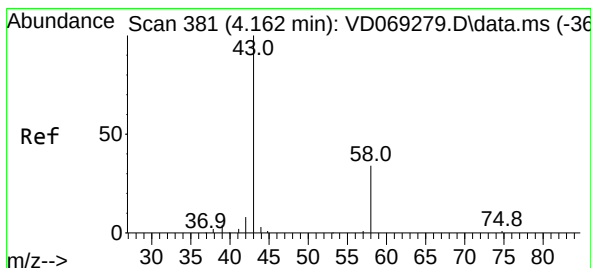
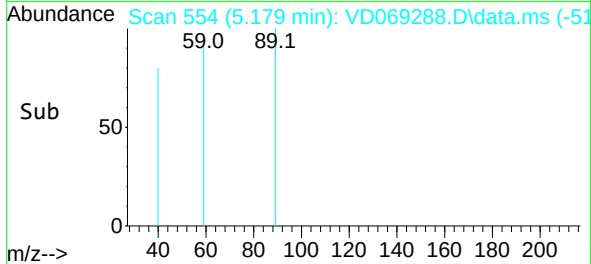
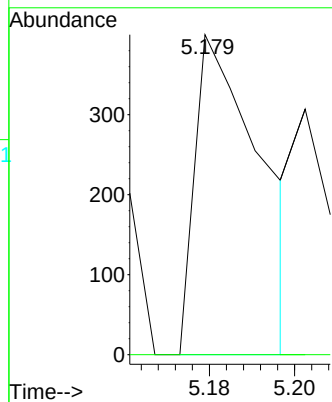


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

Instrument :
MSVOA_D
ClientSampled :

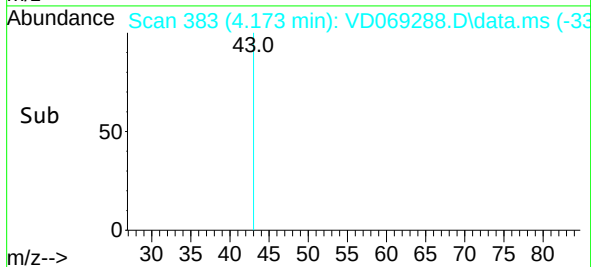
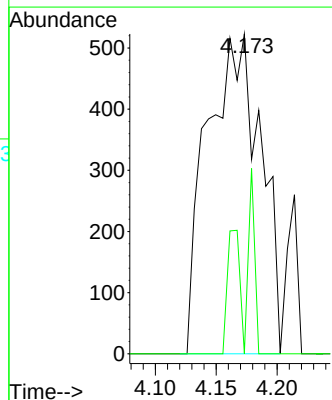
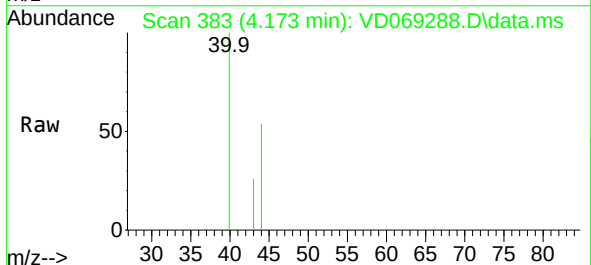


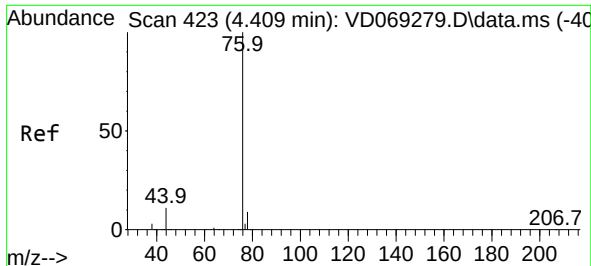
Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.19 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#

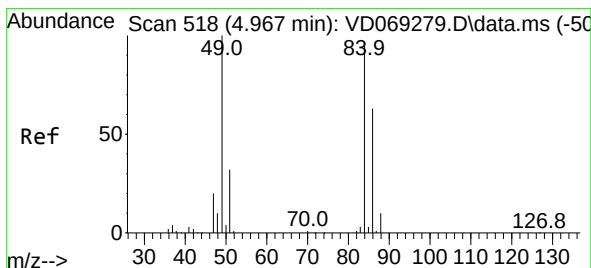
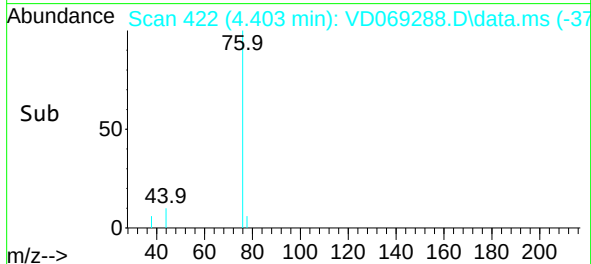
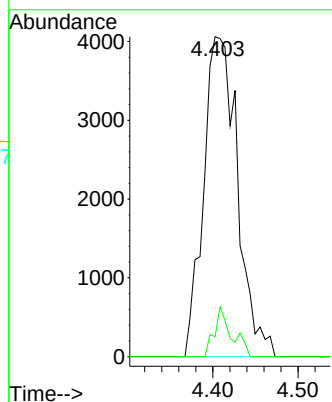
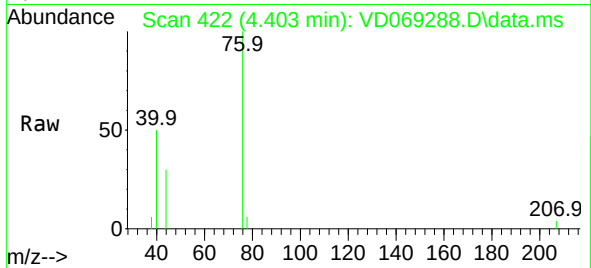




#17
Carbon Disulfide
Concen: 1.13 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

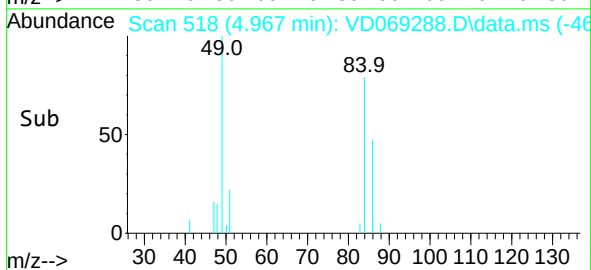
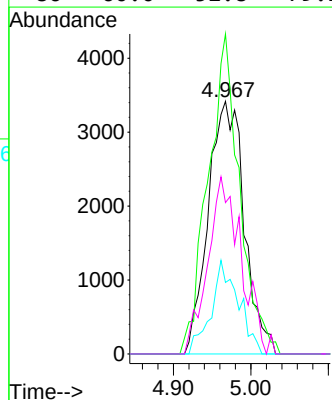
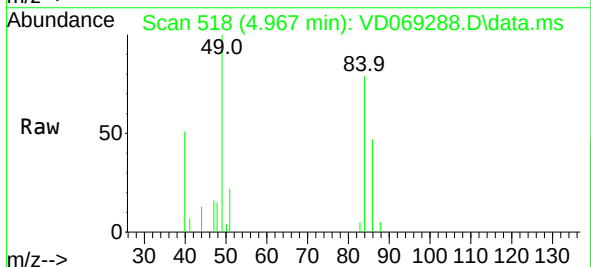
Instrument :
MSVOA_D
ClientSampled :

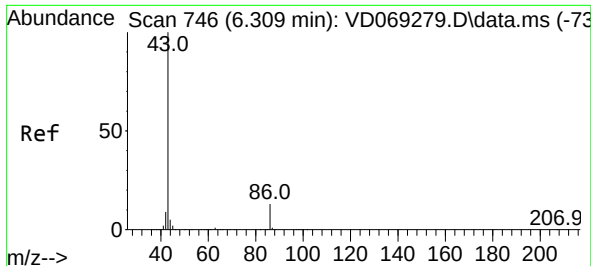
Tgt Ion: 76 Resp: 11234
Ion Ratio Lower Upper
76 100
78 6.3 7.4 11.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

Tgt Ion: 84 Resp: 11026
Ion Ratio Lower Upper
84 100
49 126.7 83.7 125.5#
51 28.3 26.4 39.6
86 60.0 52.8 79.2

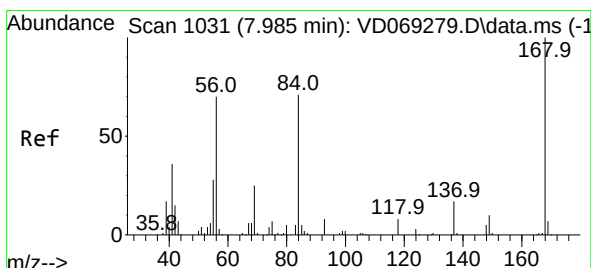
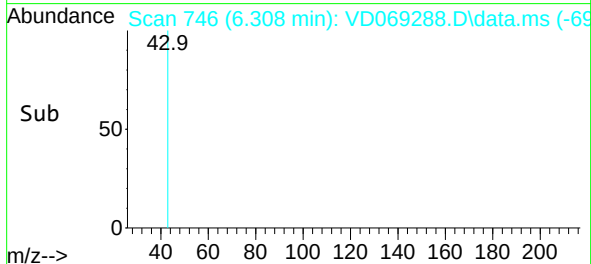
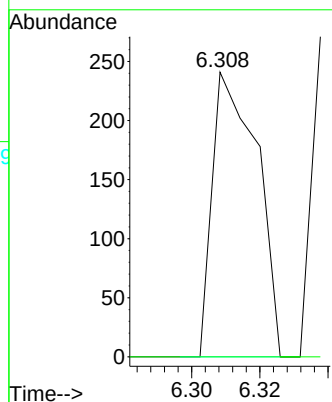
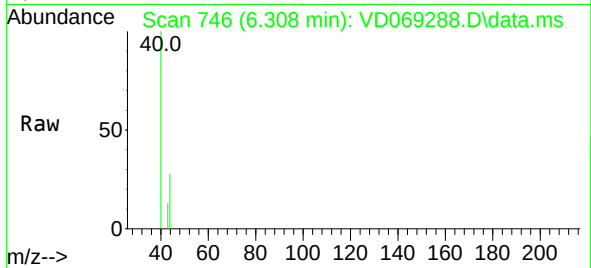




#23
 Vinyl Acetate
 Concen: 11.66 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.001 min
 Lab File: VD069288.D
 Acq: 01 Jun 2021 17:29

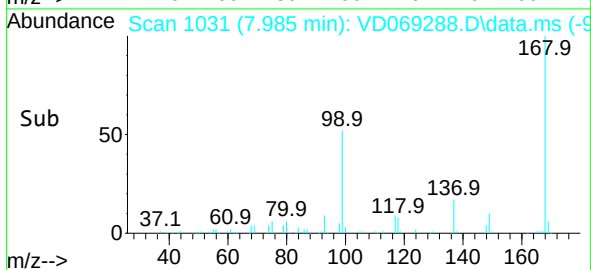
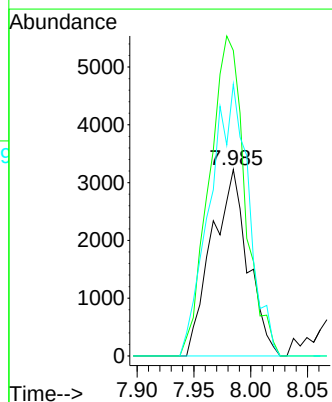
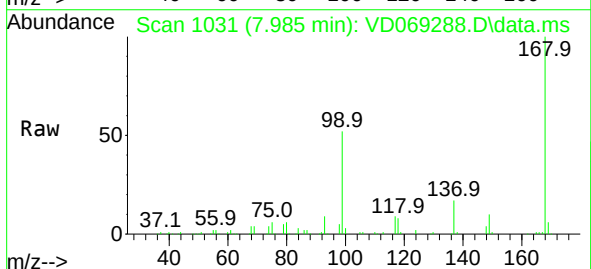
Instrument :
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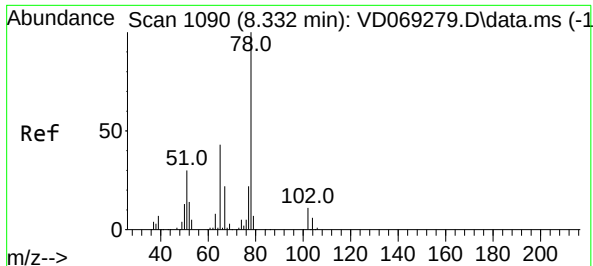
Tgt Ion: 43 Resp: 219
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.57 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069288.D
 Acq: 01 Jun 2021 17:29

Tgt Ion: 56 Resp: 7147
 Ion Ratio Lower Upper
 56 100
 69 163.9 29.0 43.4#
 84 145.8 81.1 121.7#

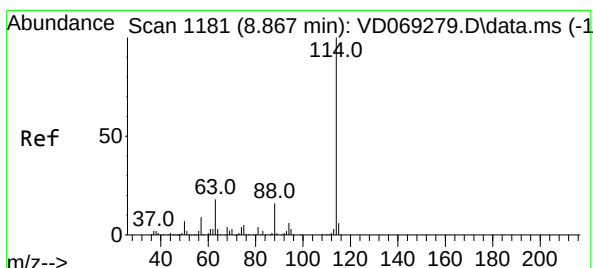
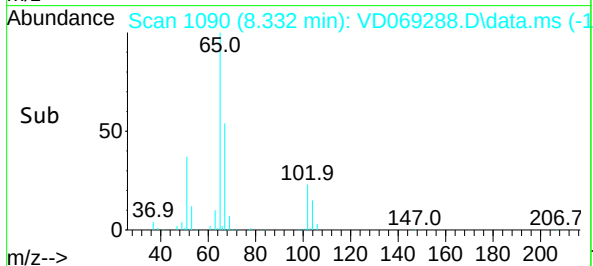
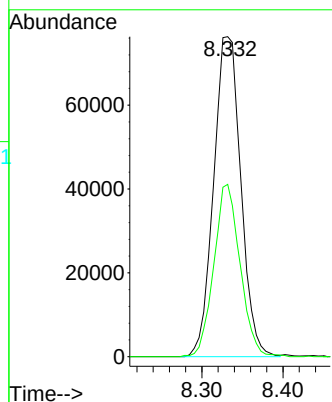
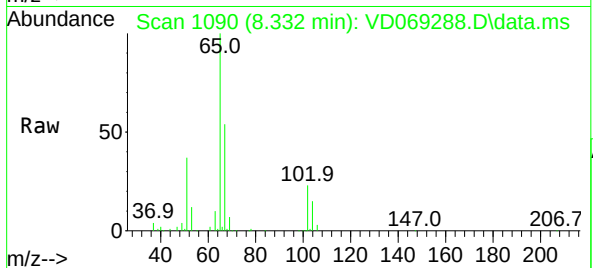




#33
 1,2-Dichloroethane-d4
 Concen: 61.96 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD069288.D
 Acq: 01 Jun 2021 17:29

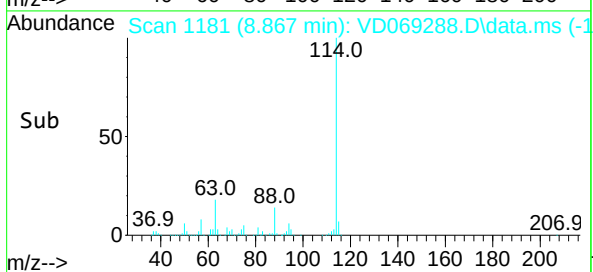
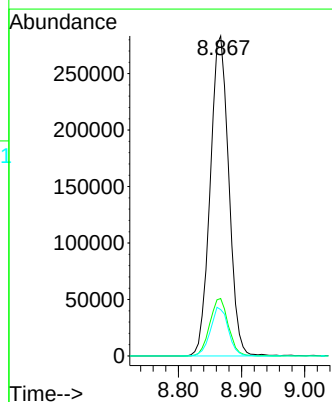
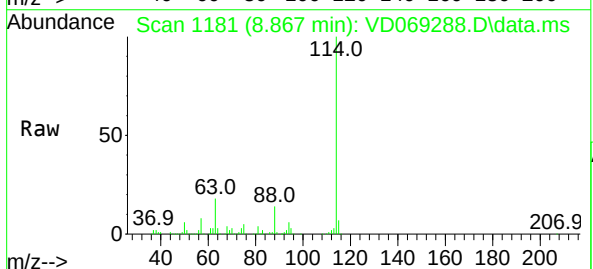
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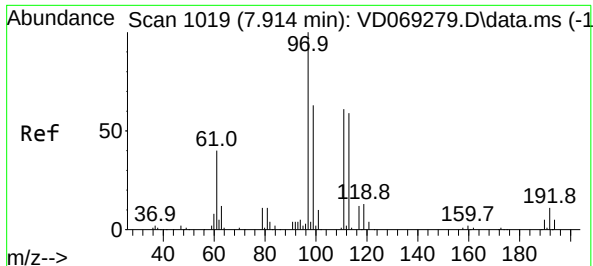
Tgt Ion: 65 Resp: 178061
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VD069288.D
 Acq: 01 Jun 2021 17:29

Tgt Ion: 114 Resp: 578109
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.6
 88 14.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.85 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069288.D

Acq: 01 Jun 2021 17:29

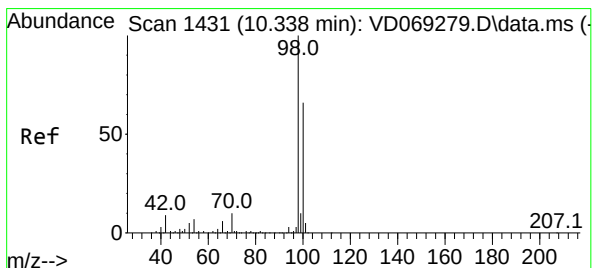
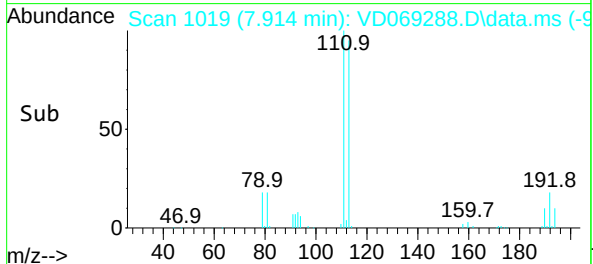
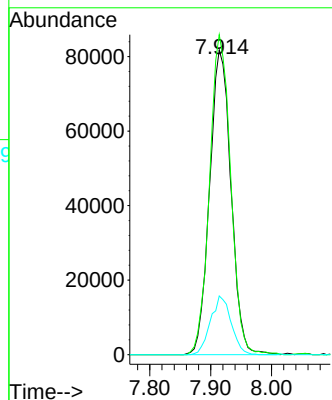
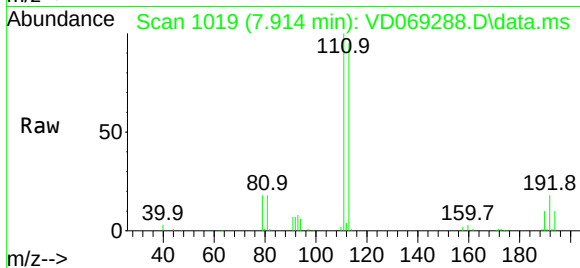
Tgt Ion:113 Resp: 199128

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

192 18.6 15.1 22.7



#50

Toluene-d8

Concen: 52.88 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069288.D

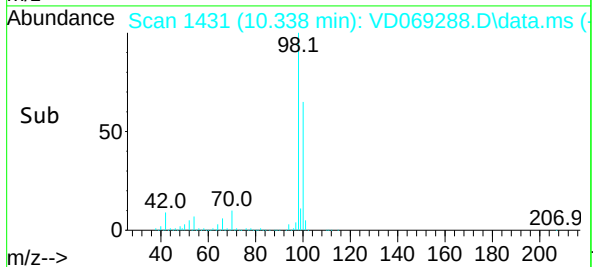
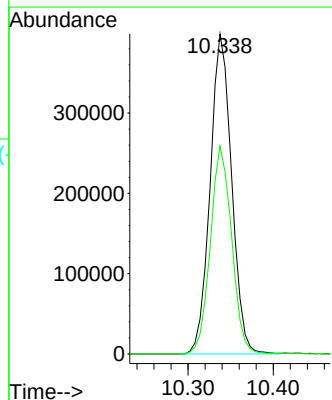
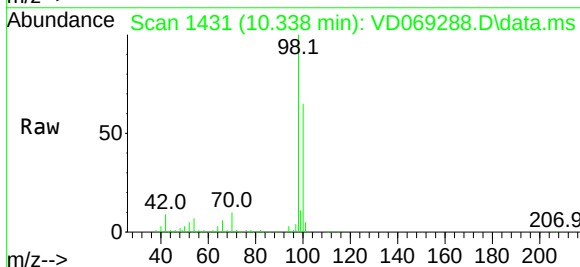
Acq: 01 Jun 2021 17:29

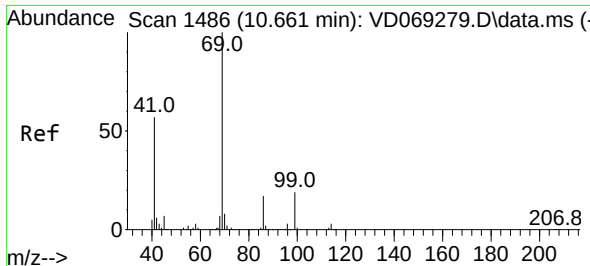
Tgt Ion: 98 Resp: 698133

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

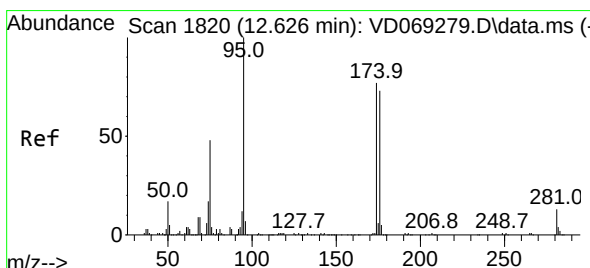
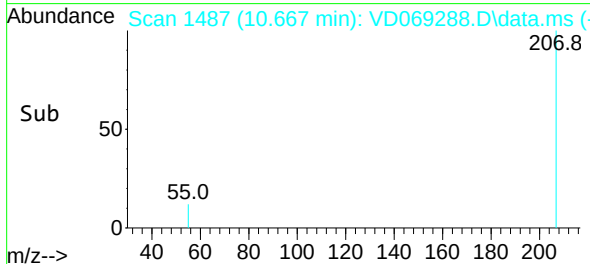
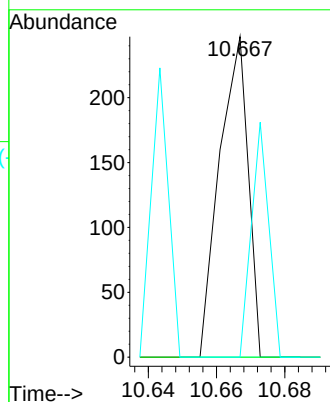
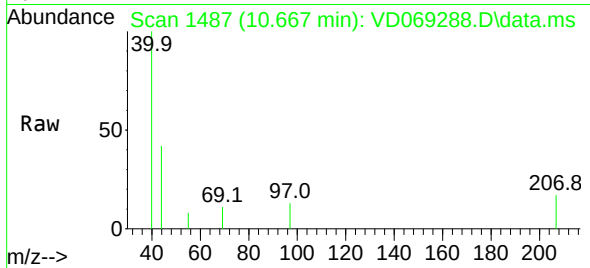




#56
Ethyl methacrylate
Concen: 2.68 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

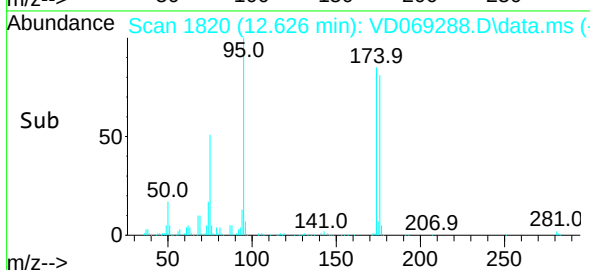
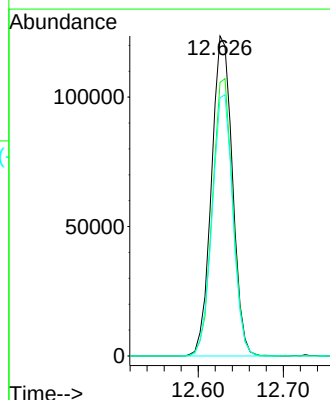
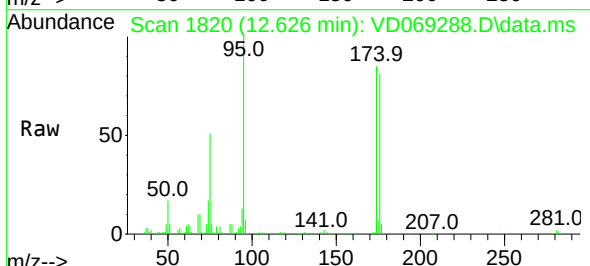
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MSVOA_D
ClientSampled :

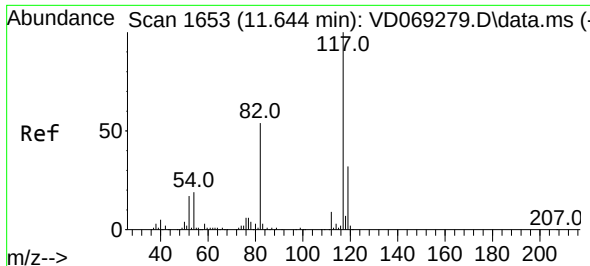
Tgt Ion: 69 Resp: 144
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 44.4 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 48.82 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

Tgt Ion: 95 Resp: 211162
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.8
176 80.5 0.0 154.4

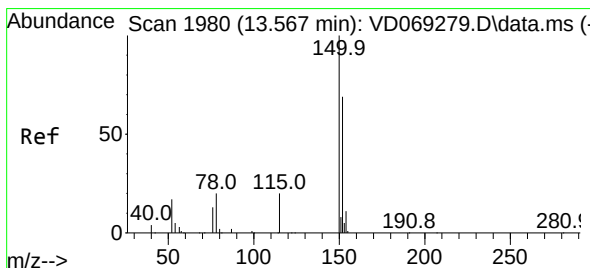
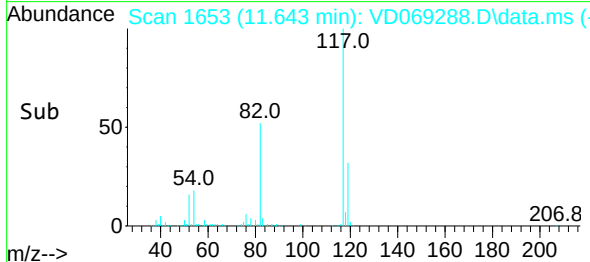
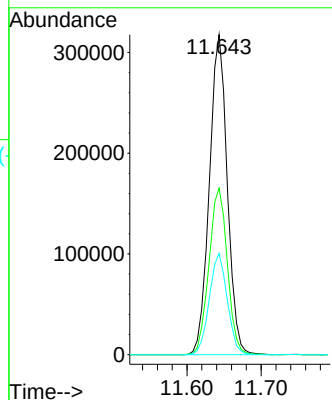
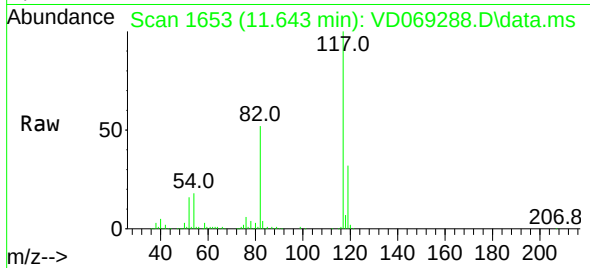




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

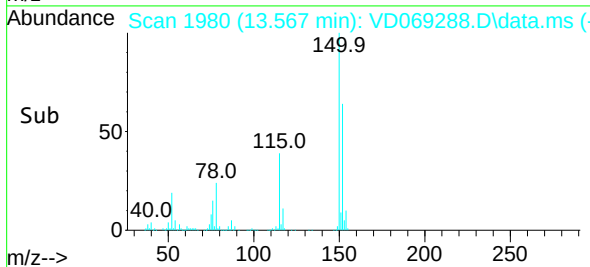
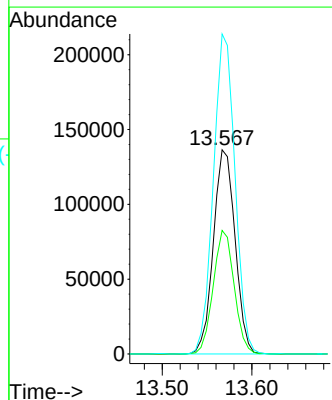
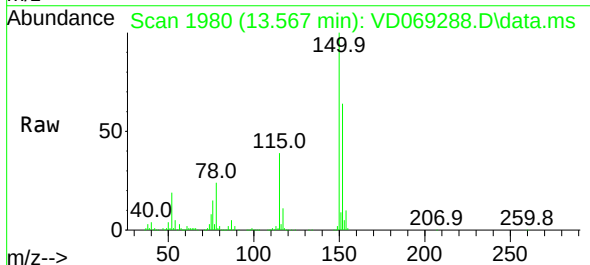
Instrument :
MSVOA_D
ClientSampleId :

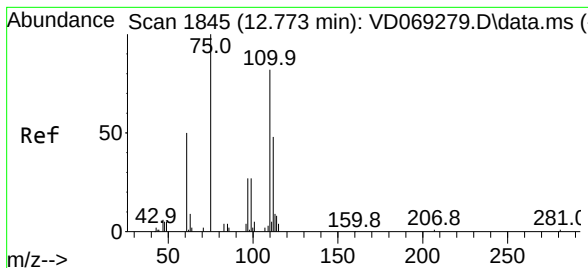
Tgt Ion:117 Resp: 532670
Ion Ratio Lower Upper
117 100
82 52.1 43.3 64.9
119 31.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

Tgt Ion:152 Resp: 229373
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.3
150 156.1 0.0 355.0

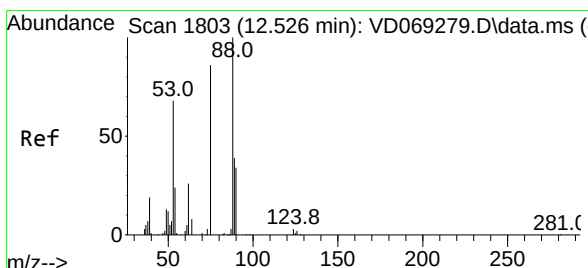
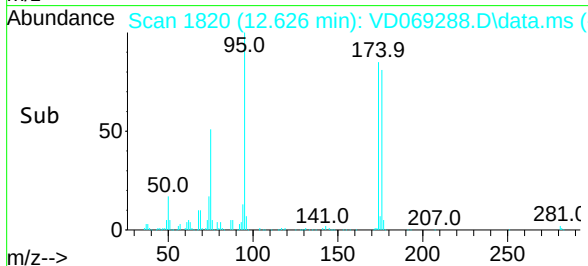
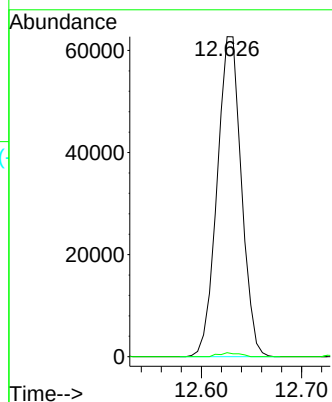
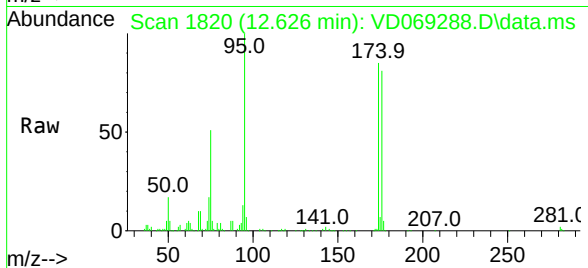




#76
1,2,3-Trichloropropane
Concen: 52.92 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

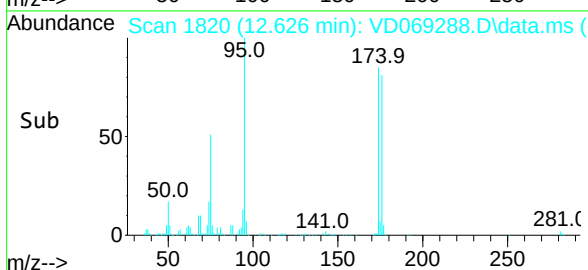
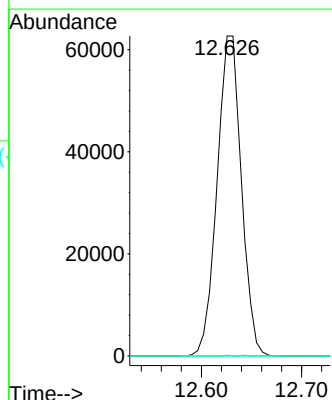
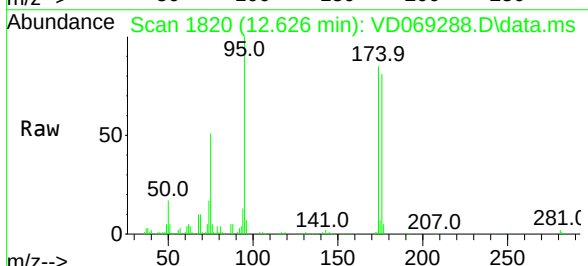
Instrument :
MSVOA_D
ClientSampled :

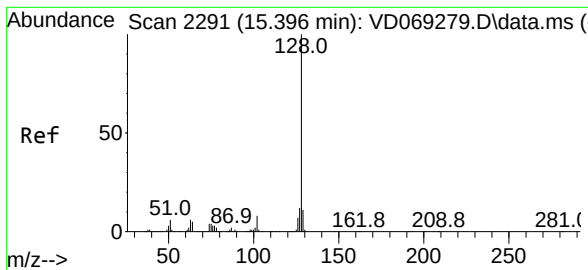
Tgt Ion: 75 Resp: 105458
Ion Ratio Lower Upper
75 100
77 1.1 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.27 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

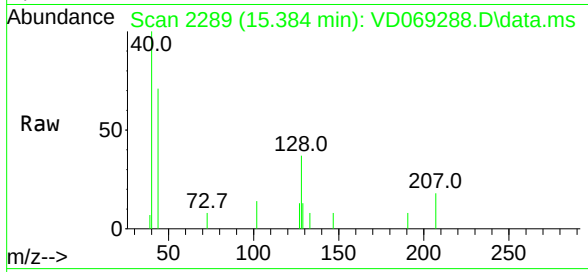
Tgt Ion: 75 Resp: 105458
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.49 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.012 min
Lab File: VD069288.D
Acq: 01 Jun 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.4	15.6
129	20.7	8.8	13.2#

