

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067993.D
 Acq On : 04 Jan 2021 16:26
 Operator : VA/SY
 Sample : M1007-01
 Misc : 3.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-22-1-WC

Quant Time: Jan 05 00:09:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

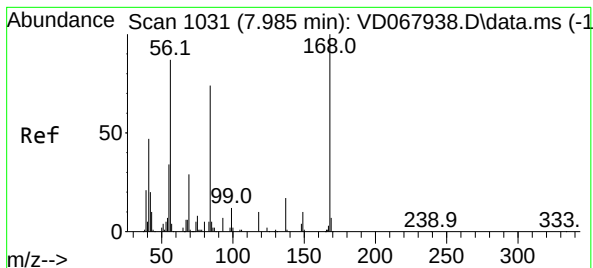
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	272670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	562364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	499527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	181256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192364	65.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.66%			
35) Dibromofluoromethane	7.920	113	195156	55.08	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.16%			
50) Toluene-d8	10.344	98	713166	53.55	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.10%			
62) 4-Bromofluorobenzene	12.632	95	194849	42.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.54%			
Target Compounds						
5) Bromomethane	2.797	94	536	Below Cal	#	1
10) Methyl Iodide	4.309	142	385	3.96 ug/l	#	41
11) Tert butyl alcohol	5.226	59	124	Below Cal	#	74
16) Acetone	4.162	43	1019	1.81 ug/l	#	47
20) Methylene Chloride	4.967	84	6801	Below Cal		95
31) Cyclohexane	7.985	56	7430	1.23 ug/l	#	1
36) 1,1-Dichloropropene	7.973	75	23818	3.98 ug/l	#	51
38) Carbon Tetrachloride	7.985	117	29628	5.19 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.338	43	3566	1.55 ug/l	#	1
76) 1,2,3-Trichloropropane	12.632	75	103241	67.65 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	103241	138.67 ug/l	#	13

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

Quant Time: Jan 05 00:09:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

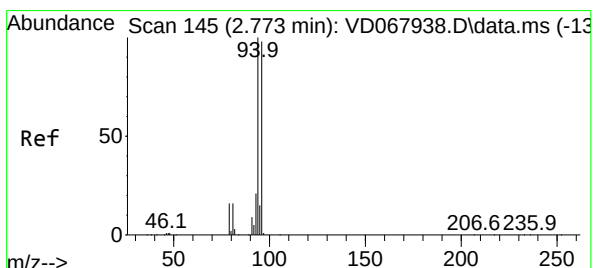
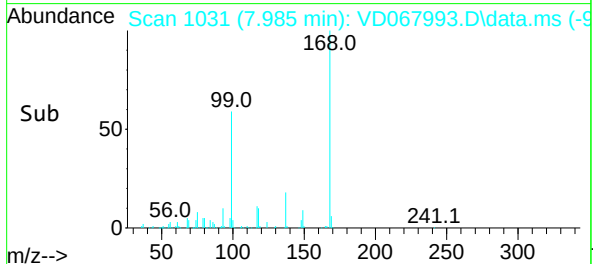
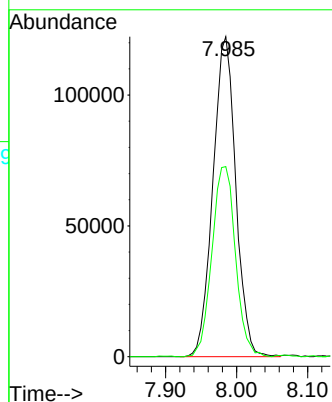
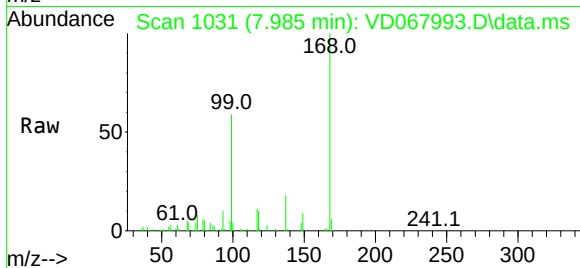




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

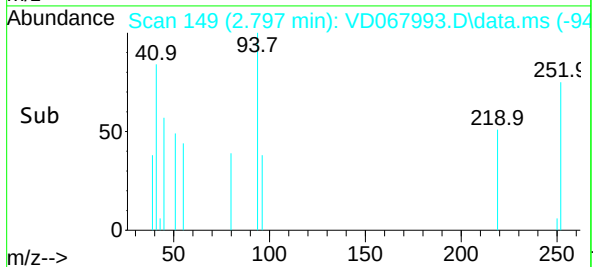
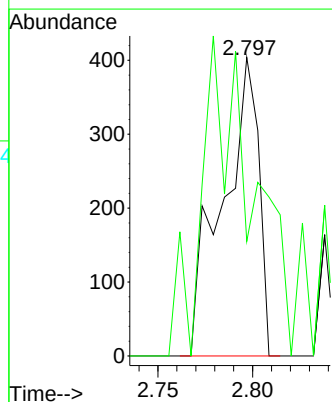
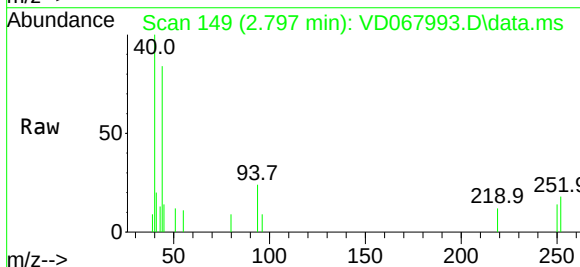
Instrument :
MSVOA_D
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R-LA-22-1-WC

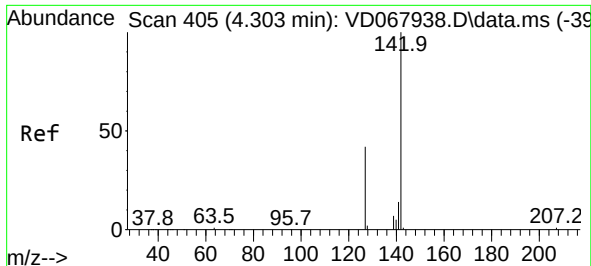
Tgt Ion:168 Resp: 272670
Ion Ratio Lower Upper
168 100
99 59.4 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.797 min Scan# 149
Delta R.T. 0.024 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

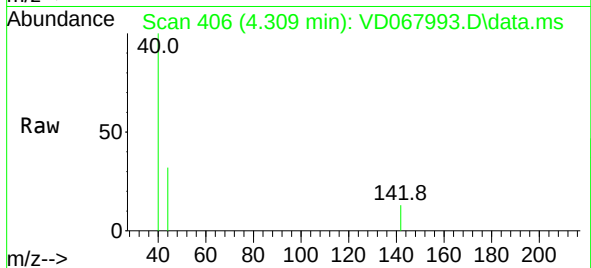
Tgt Ion: 94 Resp: 536
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



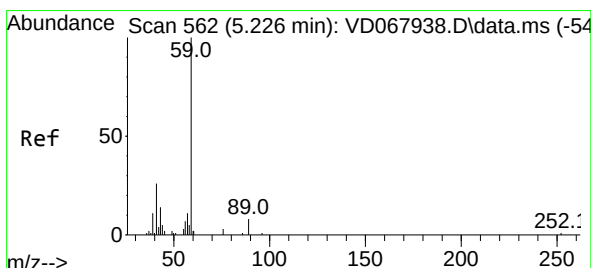
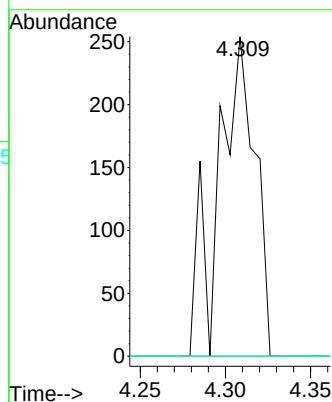
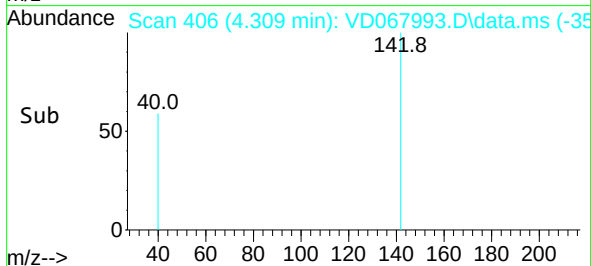


#10
Methyl Iodide
Concen: 3.96 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

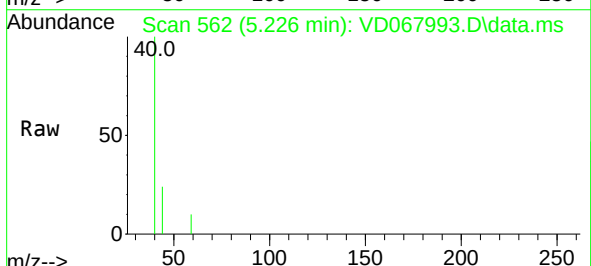
Instrument :
MSVOA_D
ClientSampleId :
R-LA-22-1-WC



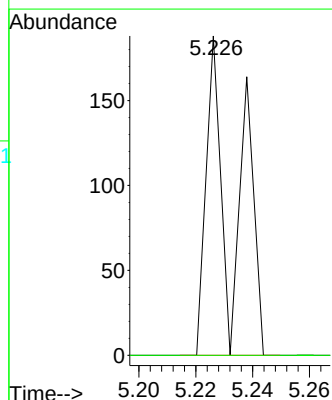
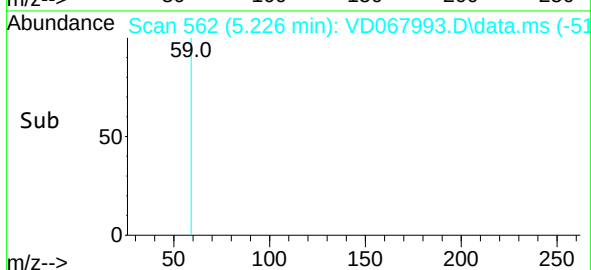
Tgt Ion:142 Resp: 385
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#

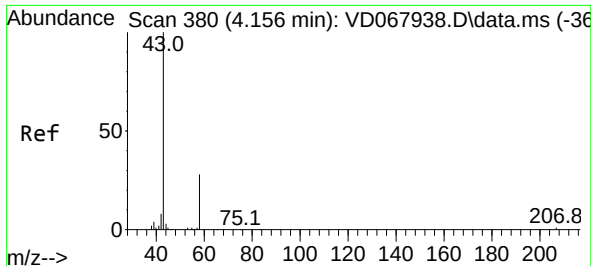


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26



Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

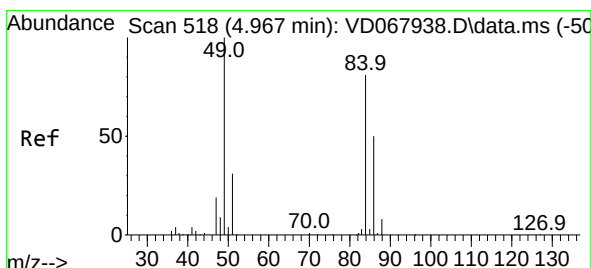
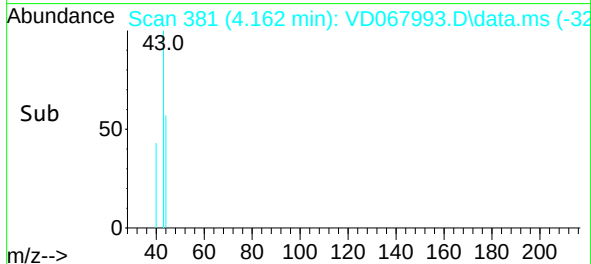
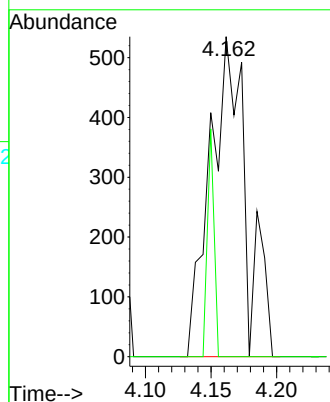
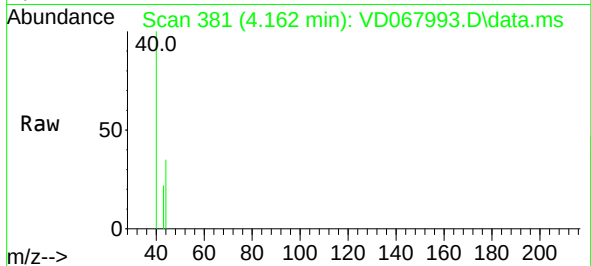




#16
Acetone
Concen: 1.81 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

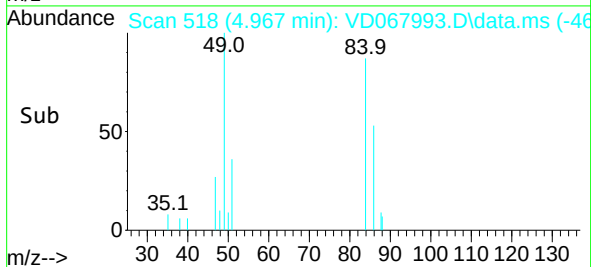
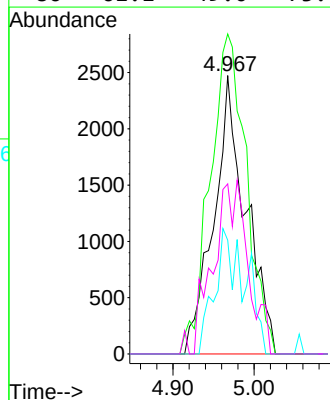
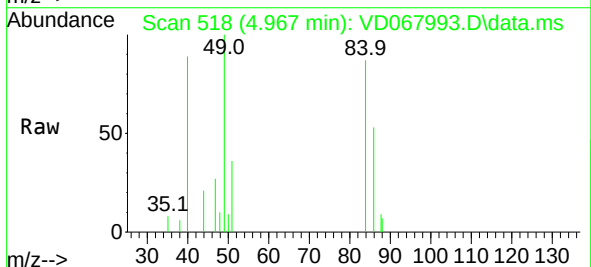
Instrument :
MSVOA_D
ClientSampleId :
R-LA-22-1-WC

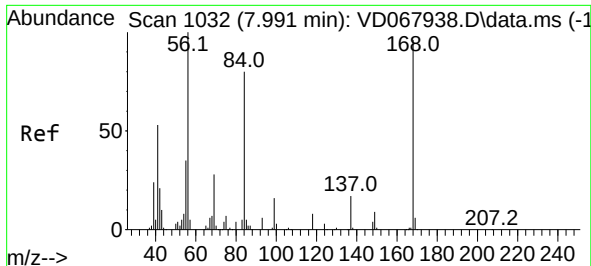
Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Tgt Ion: 84 Resp: 6801
Ion Ratio Lower Upper
84 100
49 115.0 98.3 147.5
51 40.9 30.3 45.5
86 61.1 49.0 73.4





#31

Cyclohexane

Concen: 1.23 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD067993.D

Acq: 04 Jan 2021 16:26

Tgt Ion: 56 Resp: 7430

Ion Ratio Lower Upper

56 100

69 161.1 22.7 34.1#

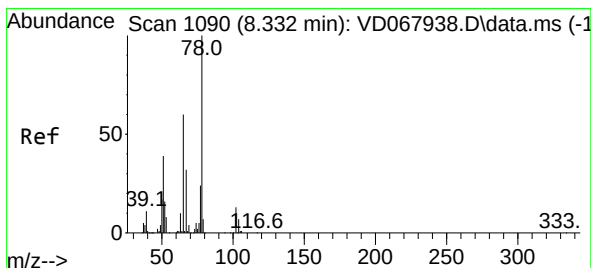
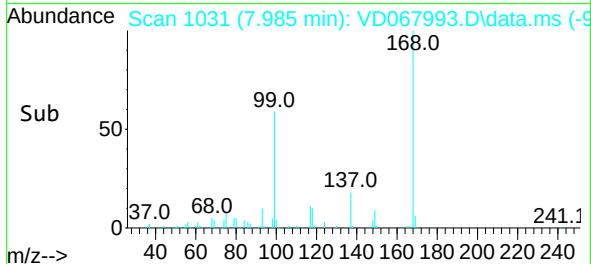
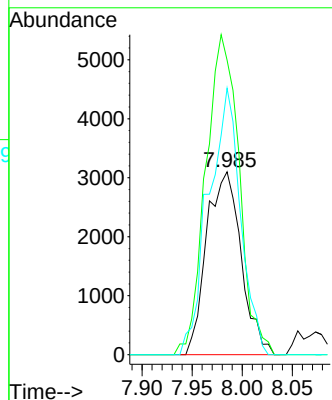
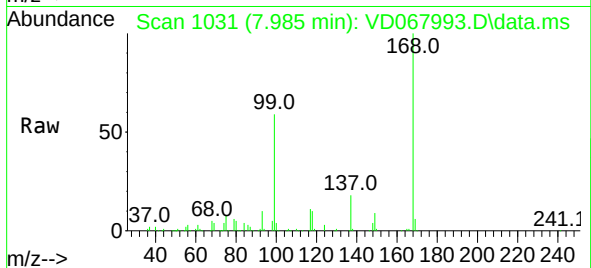
84 145.7 64.2 96.4#

Instrument :

MSVOA_D

ClientSampleId :

R-LA-22-1-WC



#33

1,2-Dichloroethane-d4

Concen: 65.33 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD067993.D

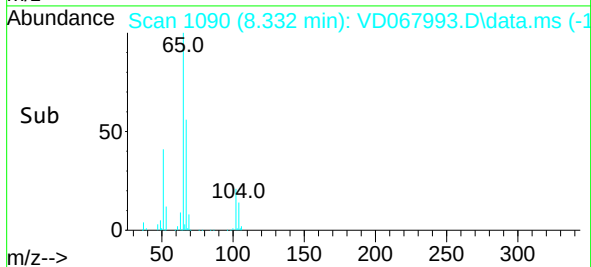
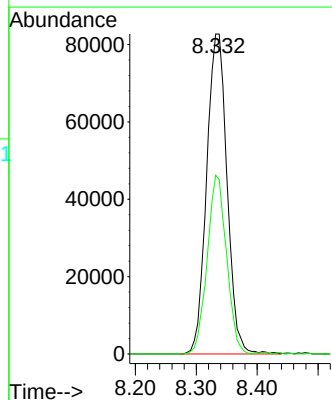
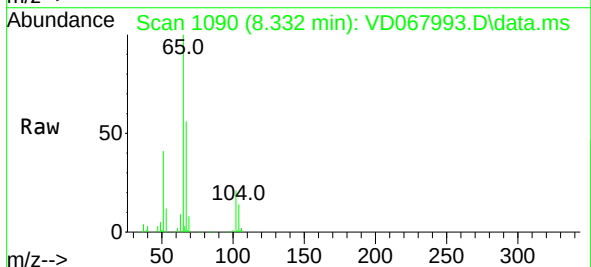
Acq: 04 Jan 2021 16:26

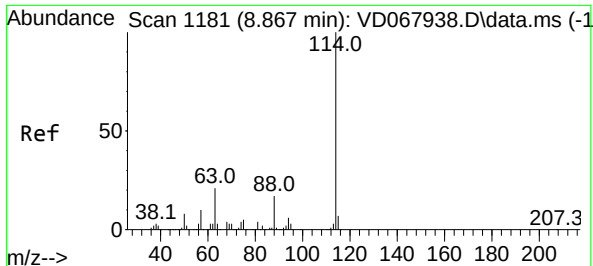
Tgt Ion: 65 Resp: 192364

Ion Ratio Lower Upper

65 100

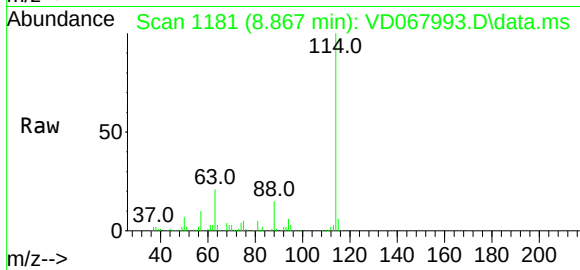
67 52.9 0.0 110.0



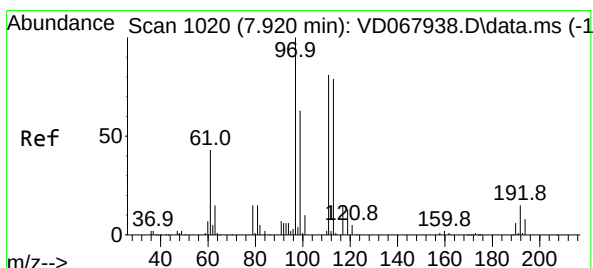
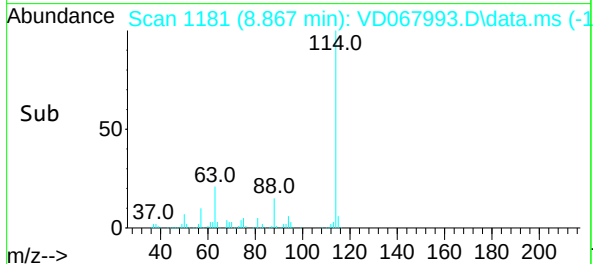
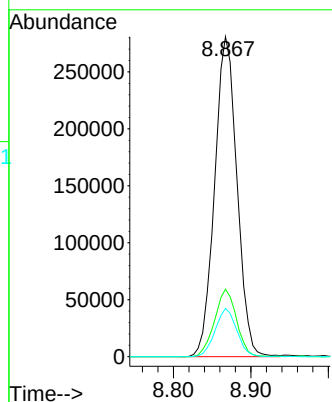


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Instrument :
MSVOA_D
ClientSampleId :
R-LA-22-1-WC

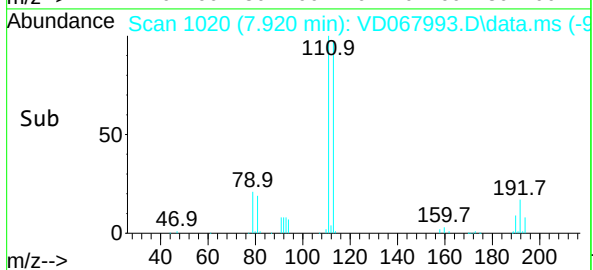
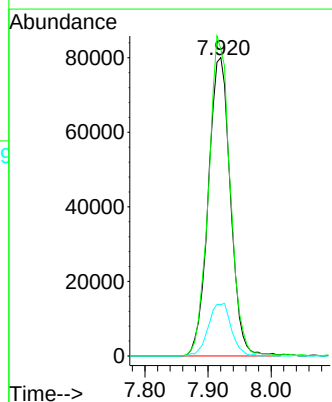
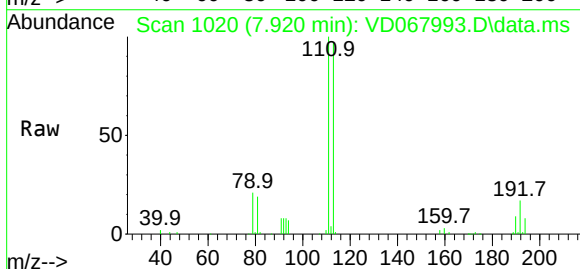


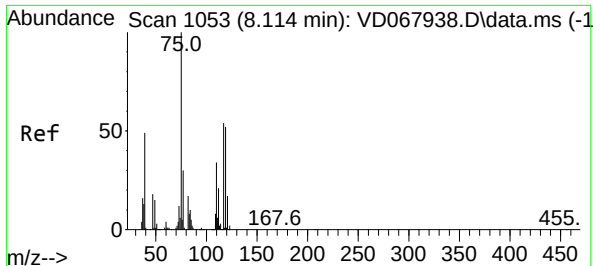
Tgt Ion:114 Resp: 562364
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.4
88 15.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 55.08 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Tgt Ion:113 Resp: 195156
Ion Ratio Lower Upper
113 100
111 104.4 79.3 118.9
192 18.3 14.5 21.7

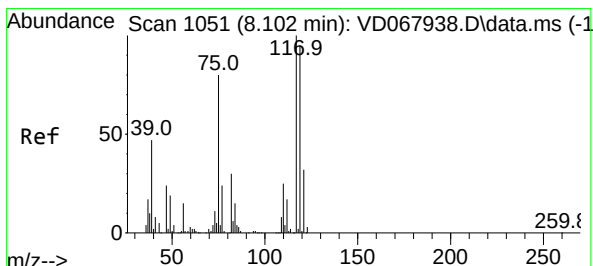
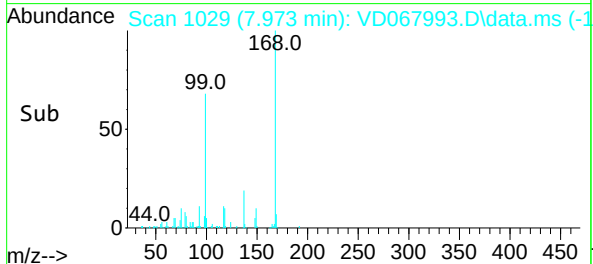
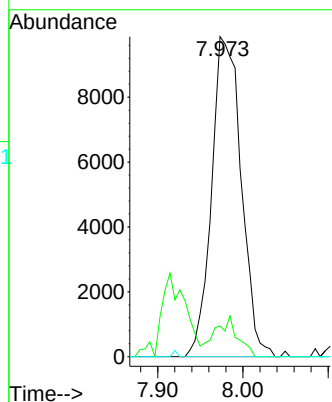
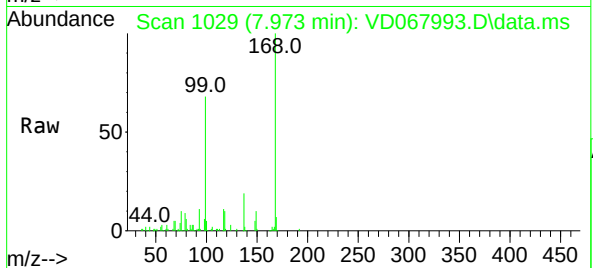




#36
1,1-Dichloropropene
Concen: 3.98 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

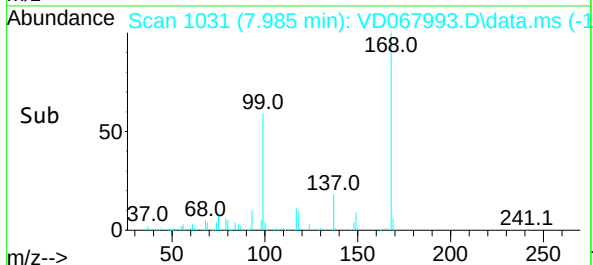
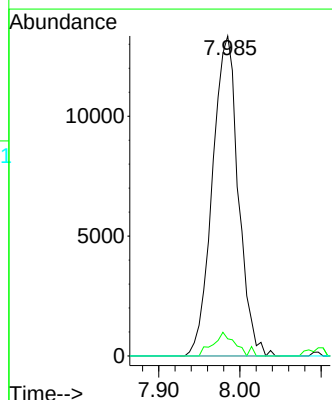
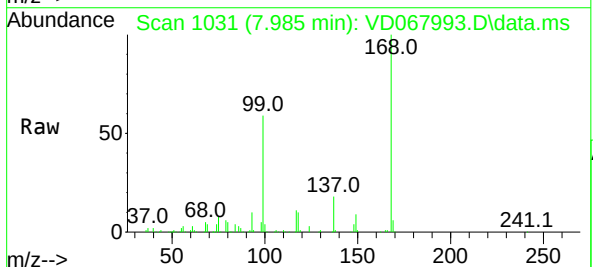
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MSVOA_D
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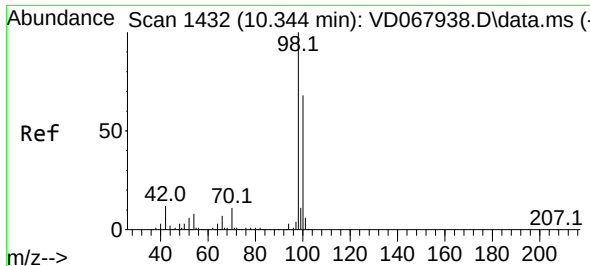
Tgt Ion: 75 Resp: 23818
Ion Ratio Lower Upper
75 100
110 9.1 17.0 51.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.19 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Tgt Ion: 117 Resp: 29628
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.4#
121 0.0 25.9 38.9#

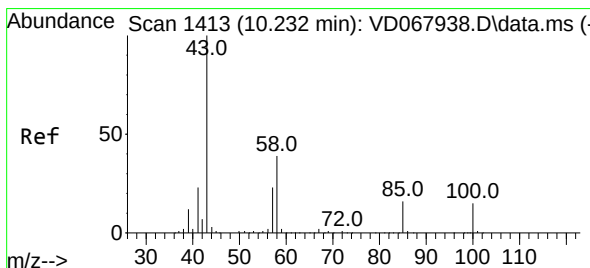
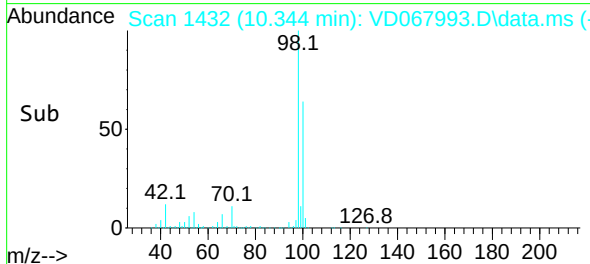
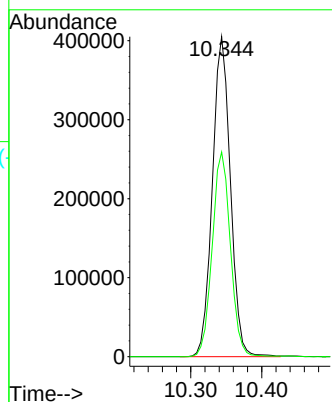
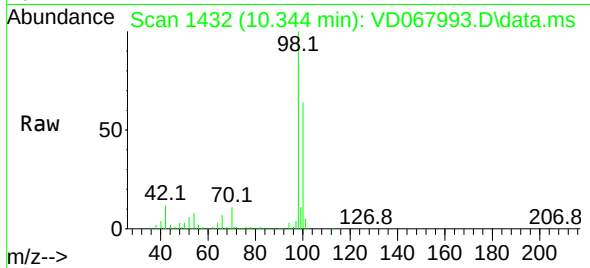




#50
Toluene-d8
Concen: 53.55 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

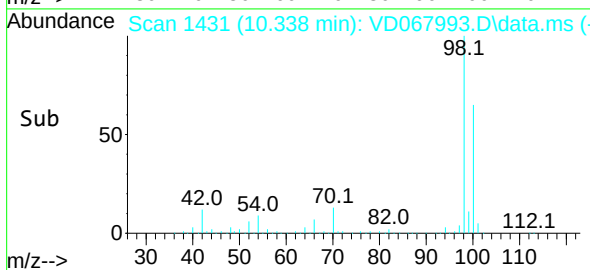
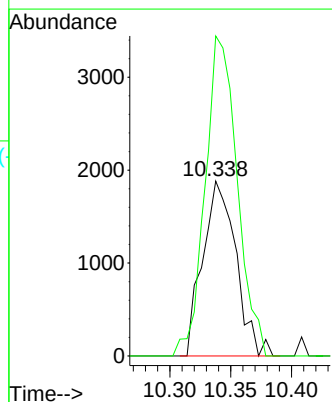
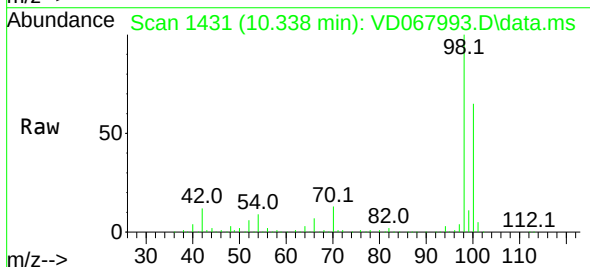
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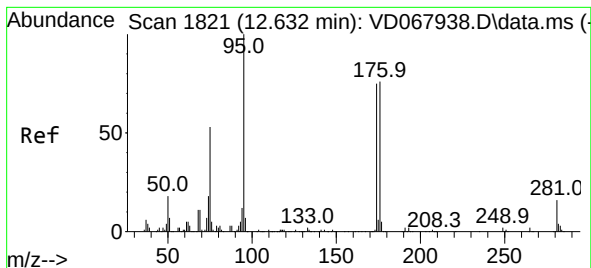
Tgt Ion: 98 Resp: 713166
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.55 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Tgt Ion: 43 Resp: 3566
Ion Ratio Lower Upper
43 100
58 177.5 30.0 45.0#

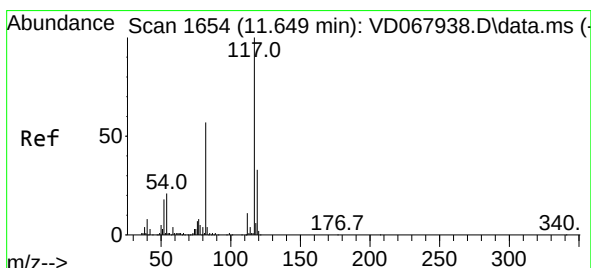
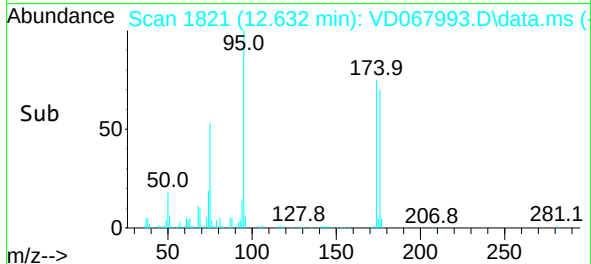
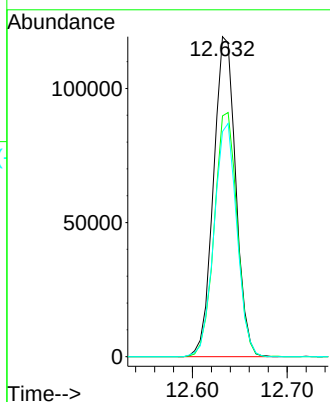
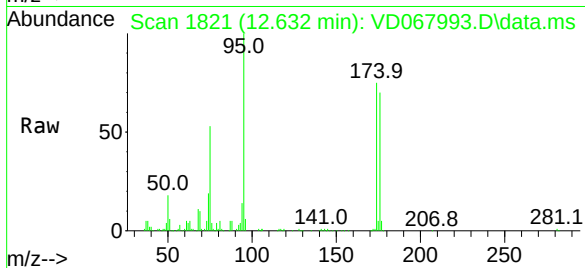




#62
4-Bromofluorobenzene
Concen: 42.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

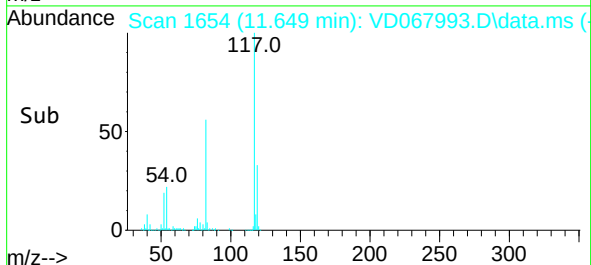
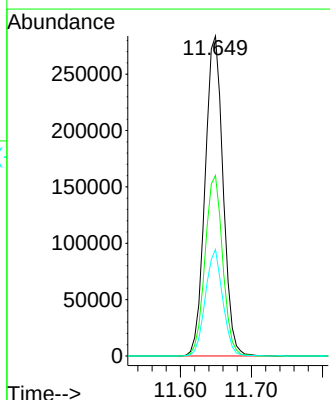
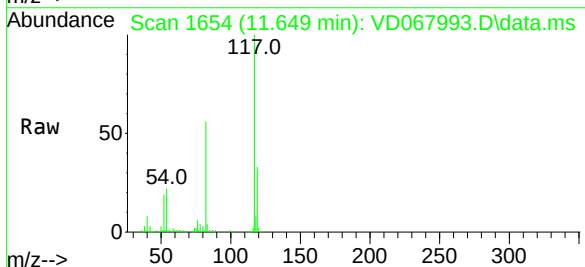
Instrument :
MSVOA_D
ClientSampleId :
R-LA-22-1-WC

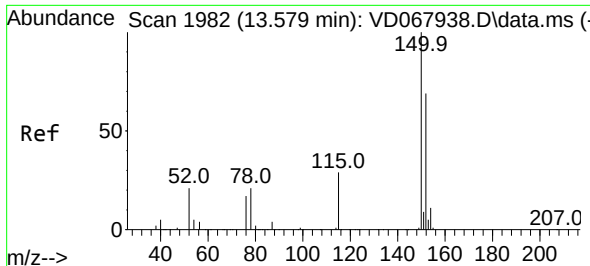
Tgt Ion: 95 Resp: 194849
Ion Ratio Lower Upper
95 100
174 77.9 0.0 150.6
176 74.7 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Tgt Ion: 117 Resp: 499527
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.0
119 33.3 26.7 40.1

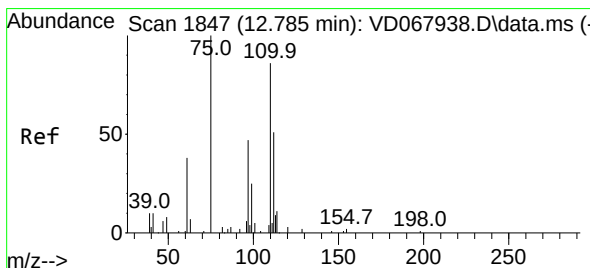
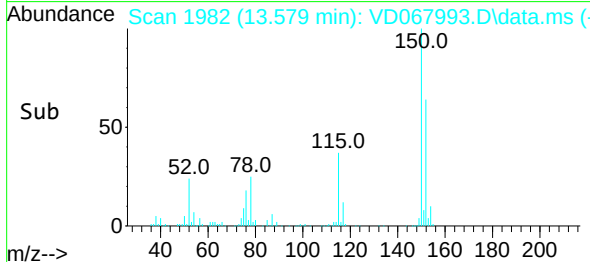
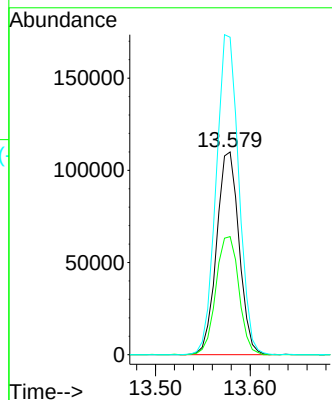
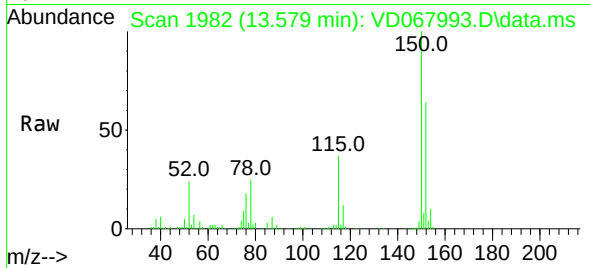




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

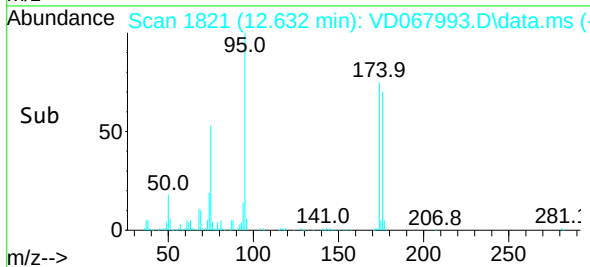
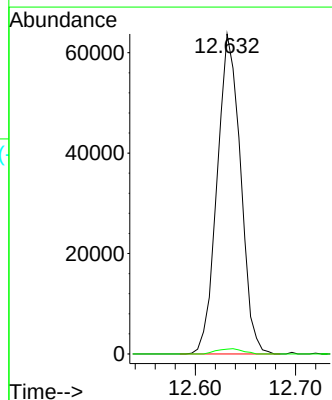
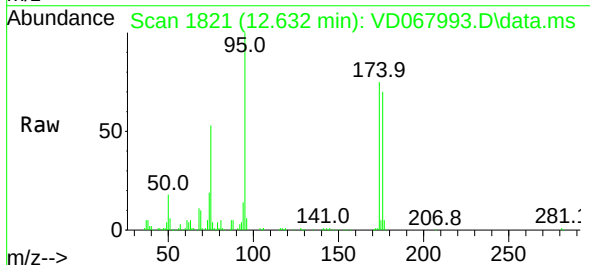
Instrument :
MSVOA_D
ClientSampleId :
R-LA-22-1-WC

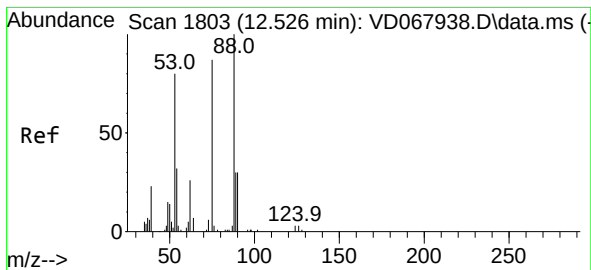
Tgt Ion:152 Resp: 181256
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 158.9 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 67.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

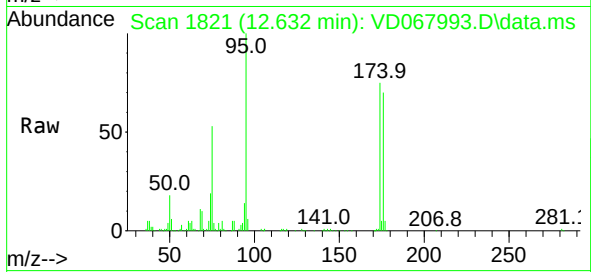
Tgt Ion: 75 Resp: 103241
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.67 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD067993.D
 Acq: 04 Jan 2021 16:26

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-22-1-WC



Tgt Ion: 75 Resp: 103241
 Ion Ratio Lower Upper
 75 100
 53 0.3 74.9 112.3#
 89 0.1 33.8 50.8#

