

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068767.D
 Acq On : 01 Apr 2021 19:18
 Operator : VA/SY
 Sample : M1886-05RE
 Misc : 9.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124018-ARE

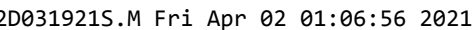
Quant Time: Apr 02 01:06:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

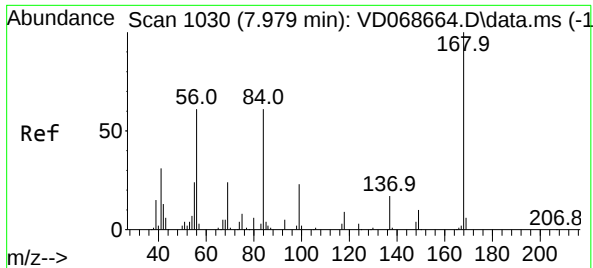
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	1687	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	2240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	1992	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	906	53.26	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	106.52%		
35) Dibromofluoromethane	7.909	113	696	49.94	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.88%		
50) Toluene-d8	10.344	98	2383	44.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.70%		
62) 4-Bromofluorobenzene	12.620	95	525	30.14	ug/l	-0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	60.28%		
Target Compounds						Qvalue
15) Acrylonitrile	5.503	53	63	20.45	ug/l	# 19
21) trans-1,2-Dichloroethene	5.562	96	55	2.97	ug/l	# 3
29) Tetrahydrofuran	7.785	42	60	27.76	ug/l	# 25
40) Benzene	8.338	78	80	1.37	ug/l	# 53
48) Methyl methacrylate	9.267	41	60	9.78	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.226	43	72	11.42	ug/l	# 30
67) Ethyl Benzene	11.844	91	145	2.12	ug/l	# 43
69) o-Xylene	12.179	106	163	6.60	ug/l	47
76) 1,2,3-Trichloropropane	12.620	75	381	172.09	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	381	391.53	ug/l	# 16

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

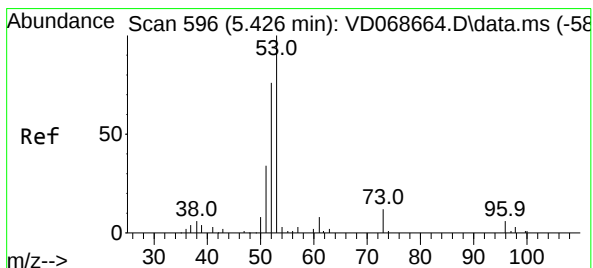
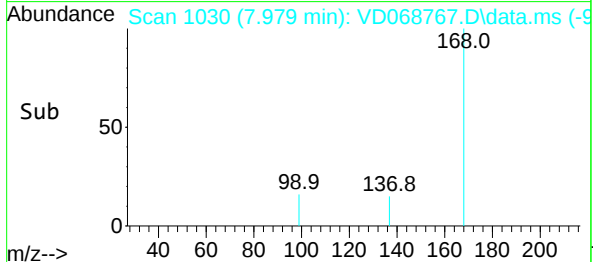
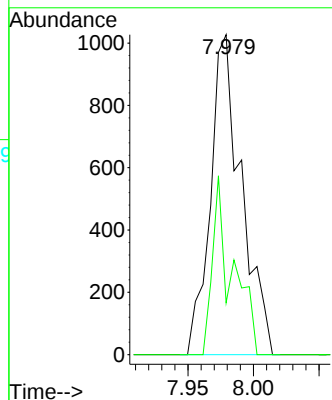
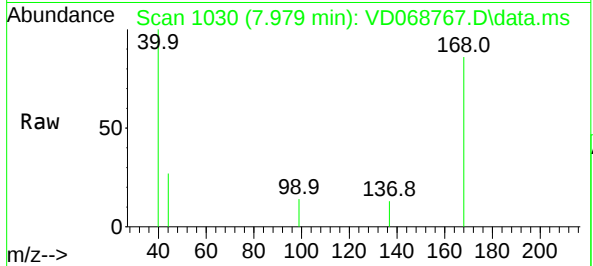




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

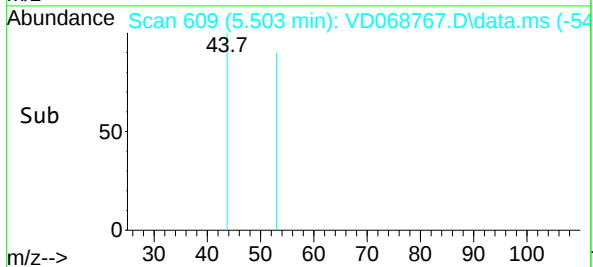
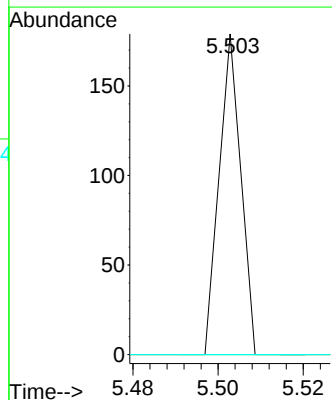
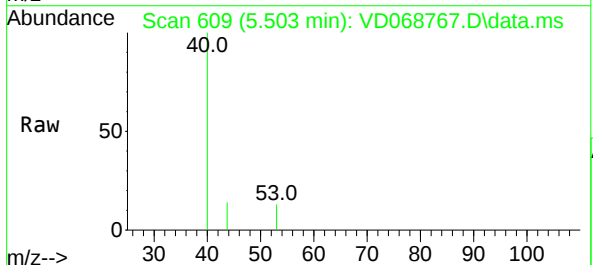
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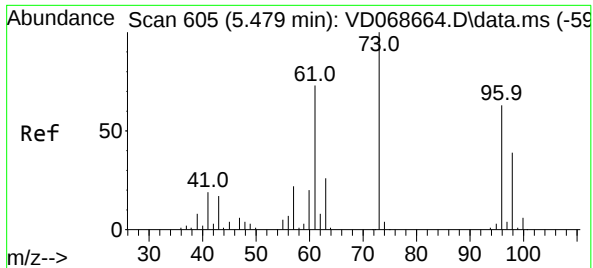
Tgt Ion:168 Resp: 1687
Ion Ratio Lower Upper
168 100
99 16.2 46.2 69.2#



#15
Acrylonitrile
Concen: 20.45 ug/l
RT: 5.503 min Scan# 609
Delta R.T. 0.077 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion: 53 Resp: 63
Ion Ratio Lower Upper
53 100
52 0.0 63.3 94.9#
51 0.0 28.3 42.5#

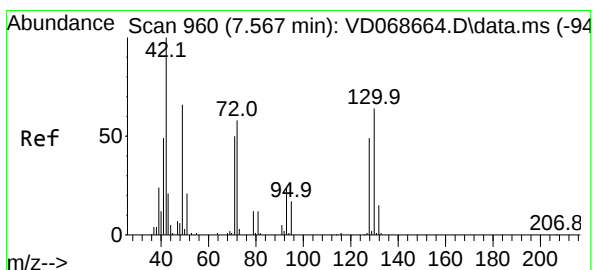
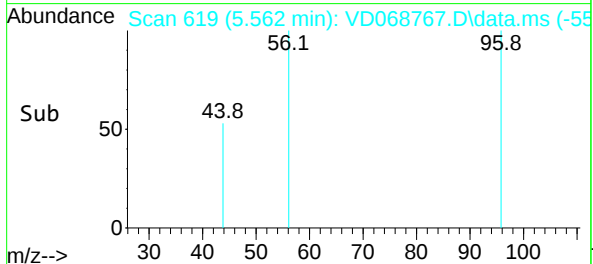
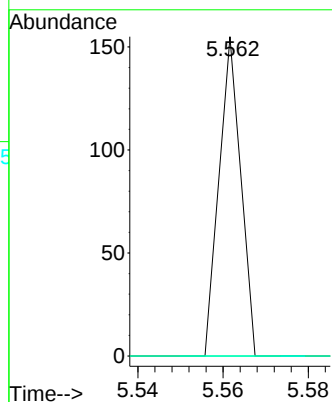
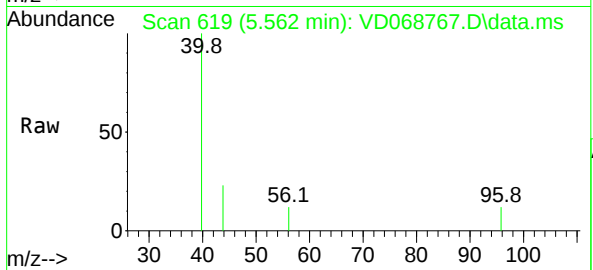




#21
trans-1,2-Dichloroethene
Concen: 2.97 ug/l
RT: 5.562 min Scan# 619
Delta R.T. 0.082 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

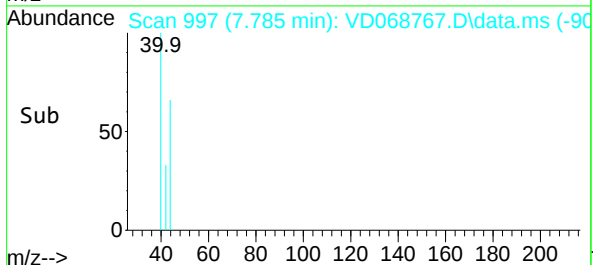
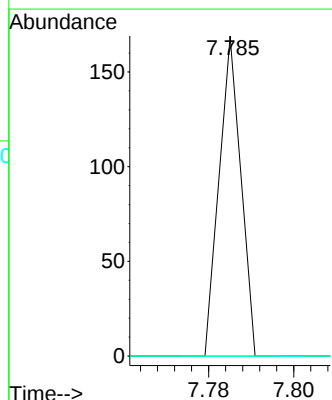
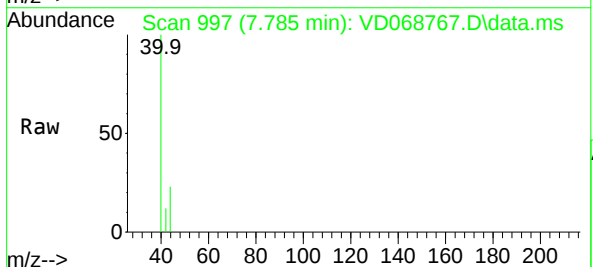
Instrument :
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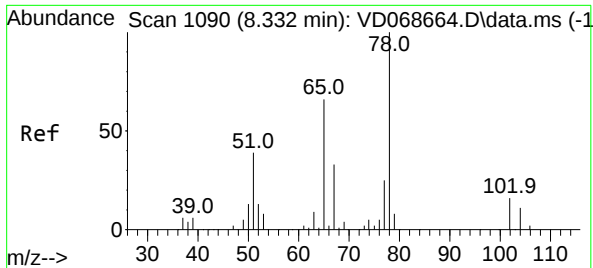
Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 0.0 91.8 137.6#
98 0.0 49.3 73.9#



#29
Tetrahydrofuran
Concen: 27.76 ug/l
RT: 7.785 min Scan# 997
Delta R.T. 0.218 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion: 42 Resp: 60
Ion Ratio Lower Upper
42 100
72 0.0 45.2 67.8#
71 0.0 40.8 61.2#

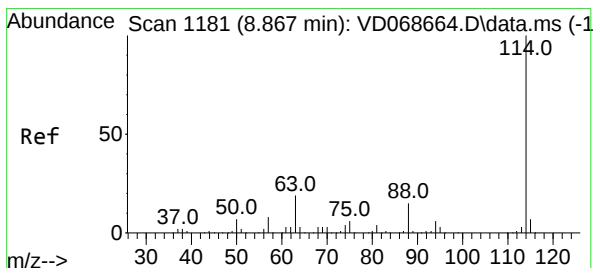
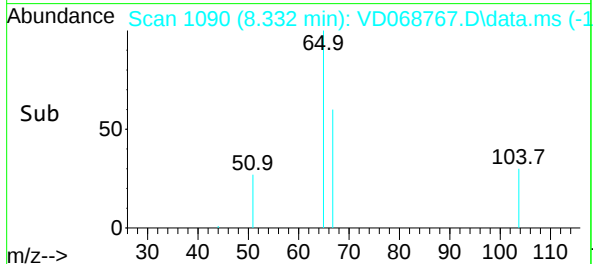
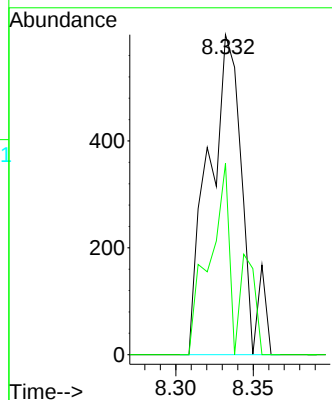
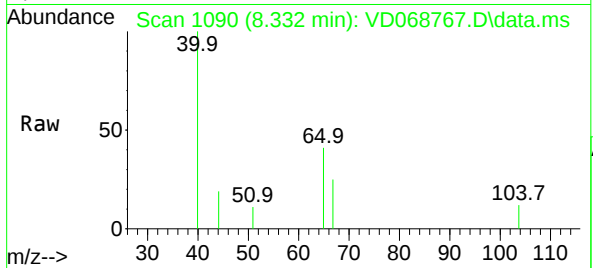




#33
1,2-Dichloroethane-d4
Concen: 53.26 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

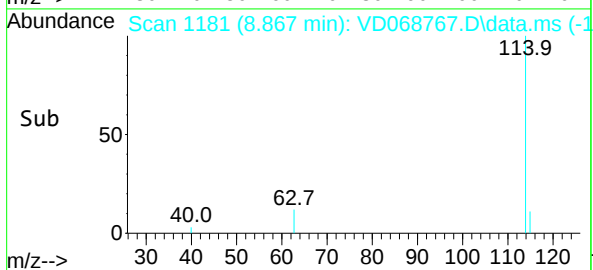
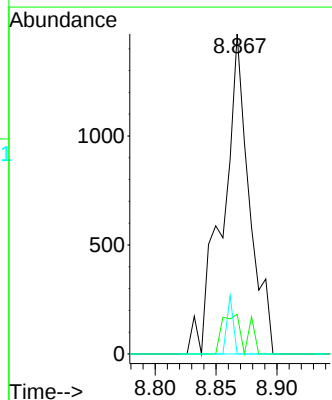
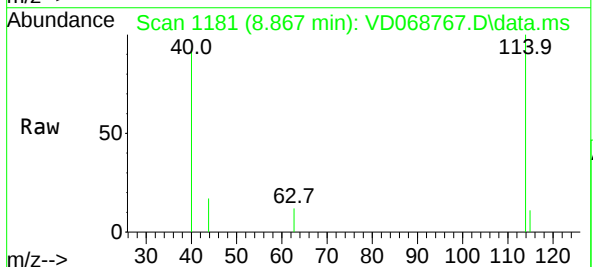
Instrument :
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ClientSampleId :
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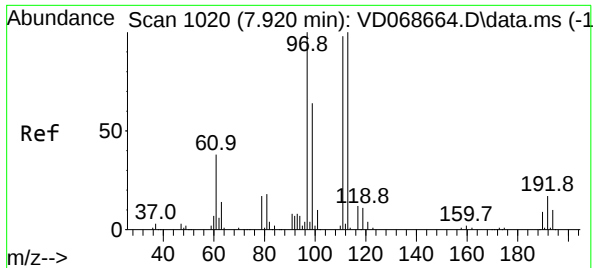
Tgt Ion: 65 Resp: 906
Ion Ratio Lower Upper
65 100
67 48.5 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion: 114 Resp: 2240
Ion Ratio Lower Upper
114 100
63 12.4 0.0 38.2
88 0.0 0.0 29.4

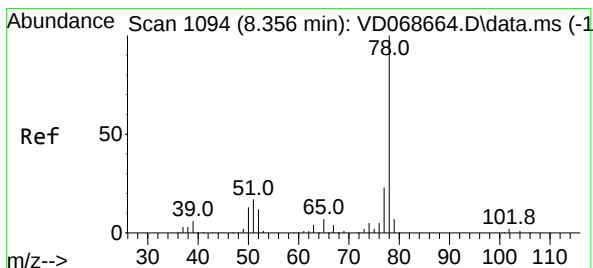
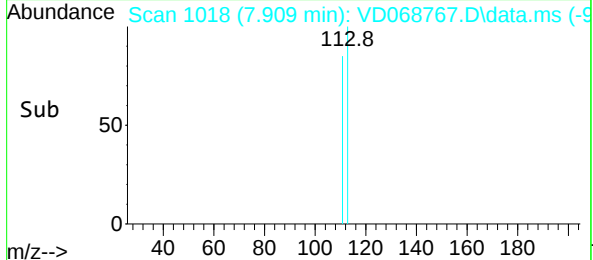
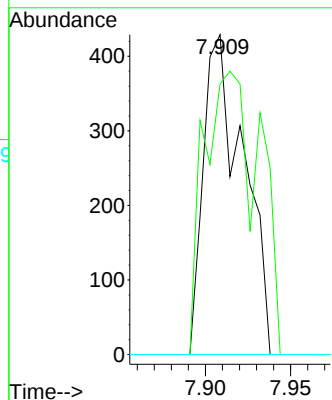
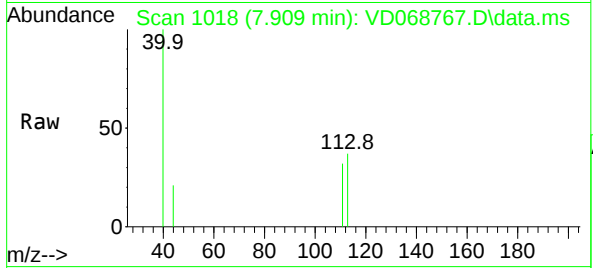




#35
 Dibromofluoromethane
 Concen: 49.94 ug/l
 RT: 7.909 min Scan# 1018
 Delta R.T. -0.012 min
 Lab File: VD068767.D
 Acq: 01 Apr 2021 19:18

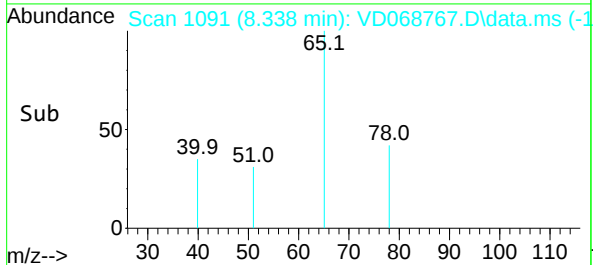
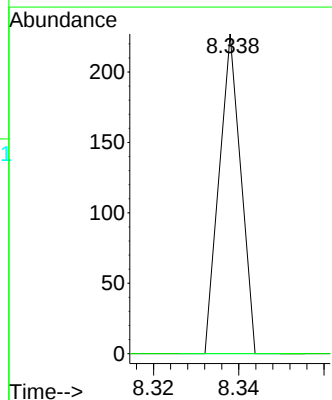
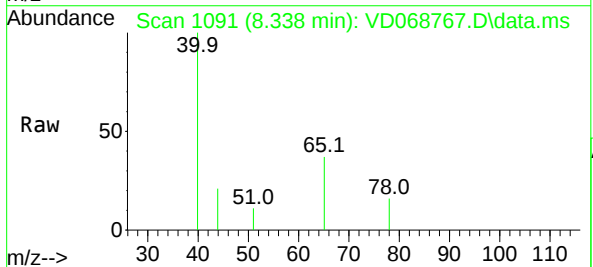
Instrument :
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 124018-ARE

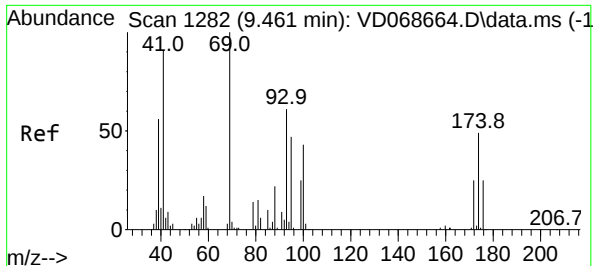
Tgt Ion:	113	Resp:	696
Ion	Ratio	Lower	Upper
113	100		
111	122.4	82.5	123.7
192	0.0	15.1	22.7#



#40
 Benzene
 Concen: 1.37 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. -0.018 min
 Lab File: VD068767.D
 Acq: 01 Apr 2021 19:18

Tgt Ion:	78	Resp:	80
Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.2	27.2#

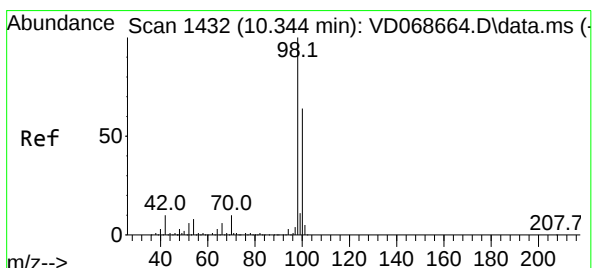
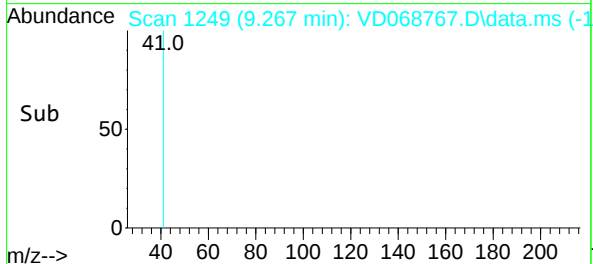
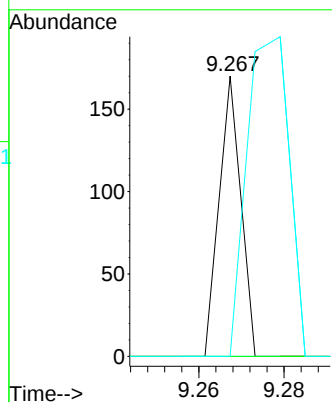
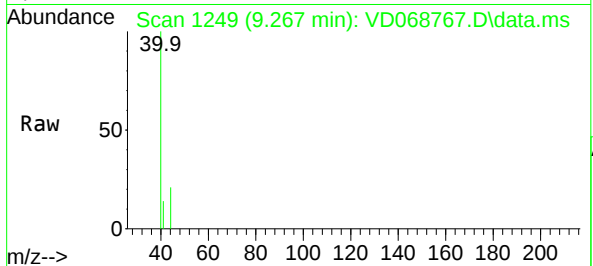




#48
Methyl methacrylate
Concen: 9.78 ug/l
RT: 9.267 min Scan# 1249
Delta R.T. -0.194 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

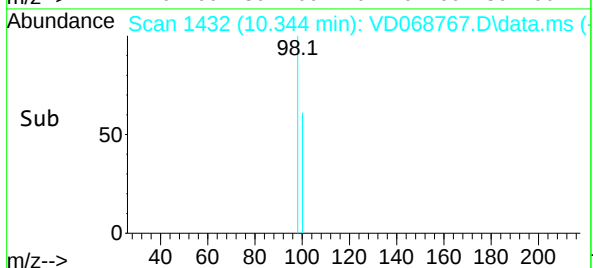
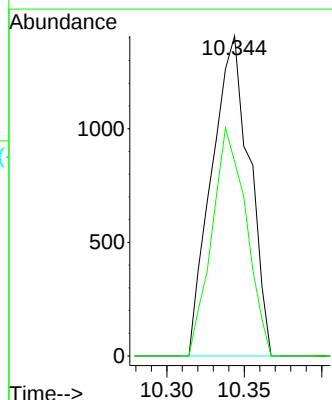
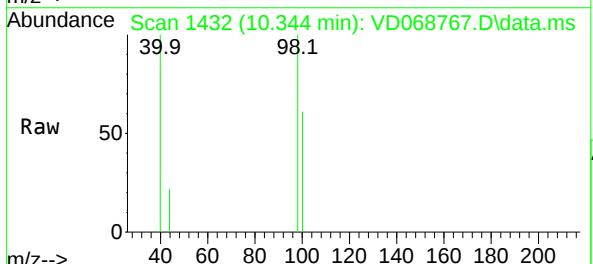
Instrument :
MSVOA_D
ClientSampleId :
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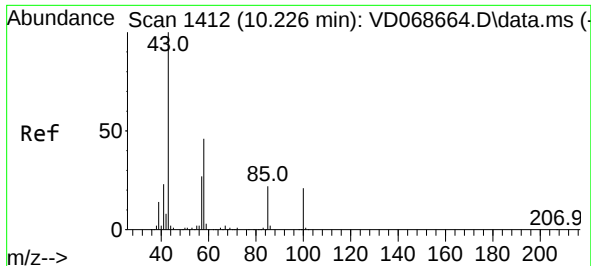
Tgt Ion: 41 Resp: 60
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.6#
39 223.3 47.0 70.6#



#50
Toluene-d8
Concen: 44.35 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion: 98 Resp: 2383
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

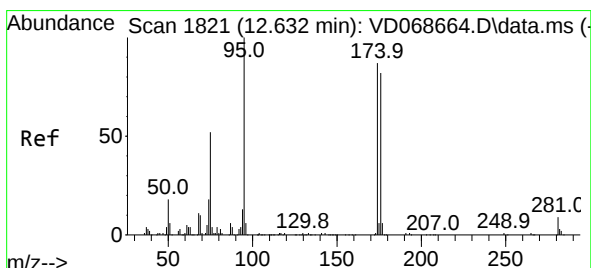
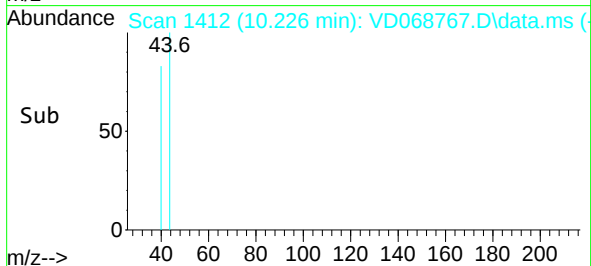
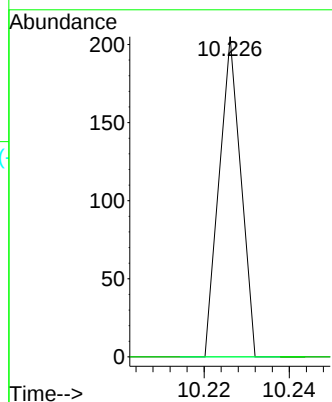
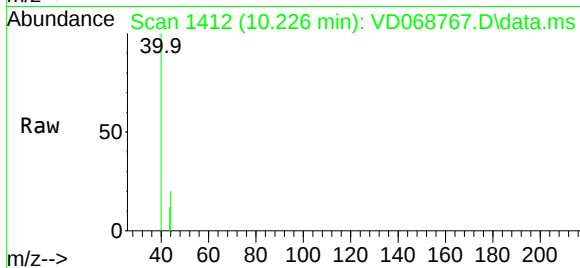




#51
4-Methyl-2-Pentanone
Concen: 11.42 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

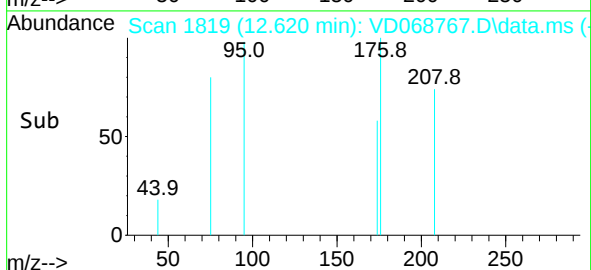
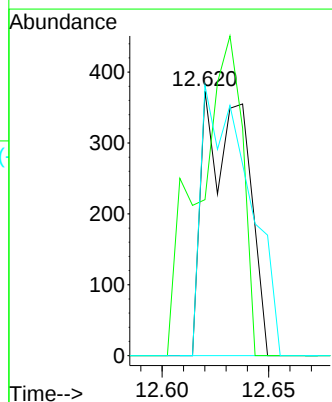
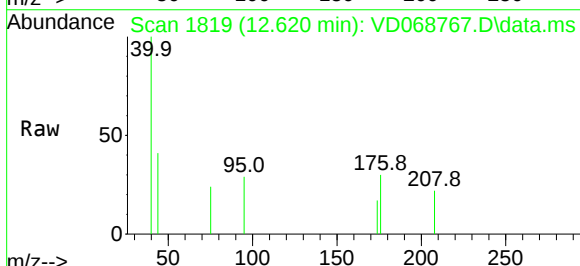
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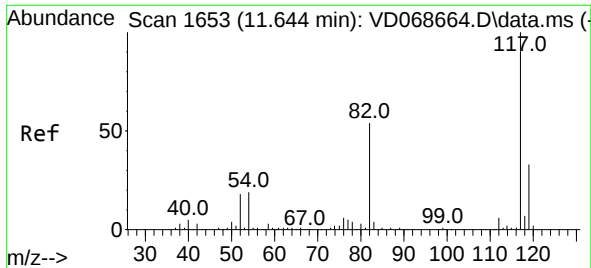
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 30.14 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.012 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion: 95 Resp: 525
Ion Ratio Lower Upper
95 100
174 123.6 0.0 168.0
176 111.0 0.0 160.2

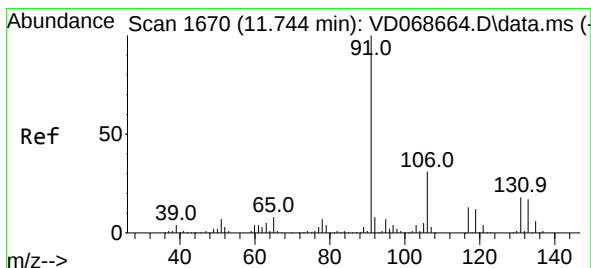
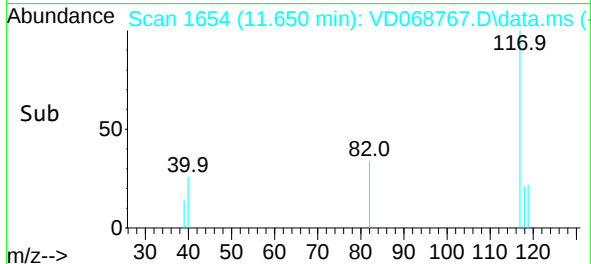
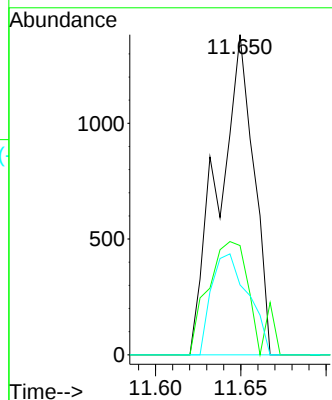
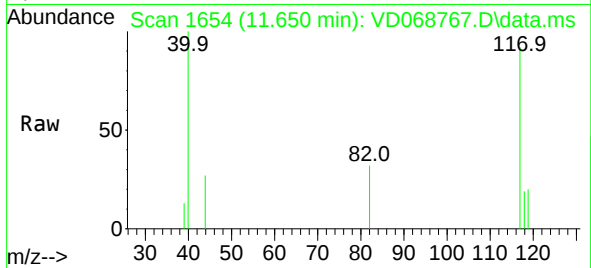




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

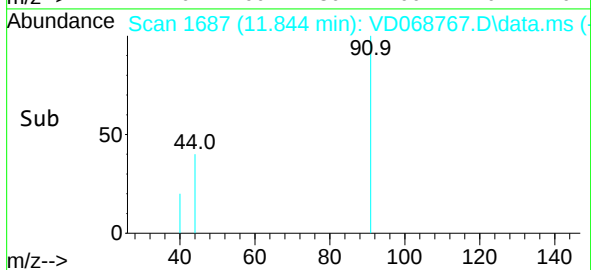
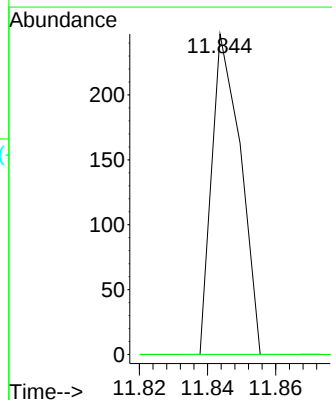
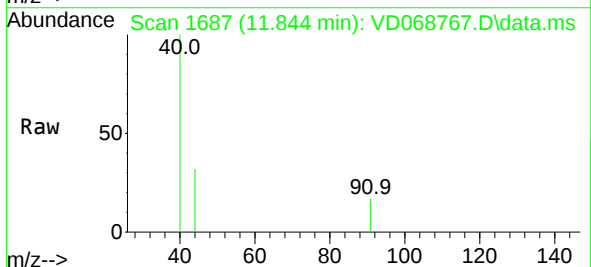
Instrument :
MSVOA_D
ClientSampleId :
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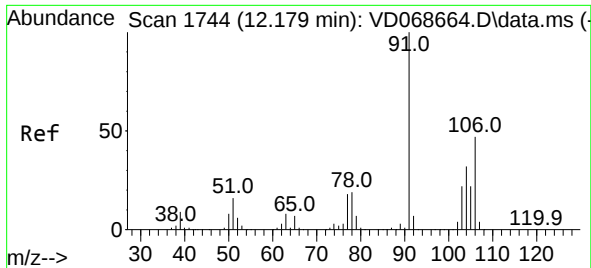
Tgt Ion:117 Resp: 1992
Ion Ratio Lower Upper
117 100
82 34.1 43.5 65.3#
119 21.8 26.7 40.1#



#67
Ethyl Benzene
Concen: 2.12 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.100 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion: 91 Resp: 145
Ion Ratio Lower Upper
91 100
106 0.0 25.1 37.7#

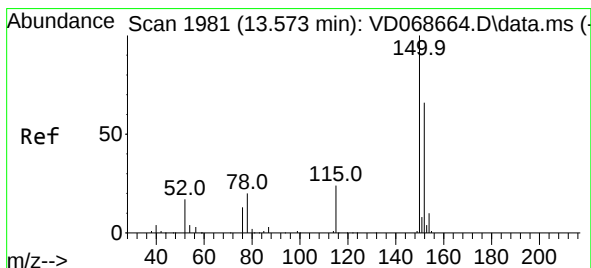
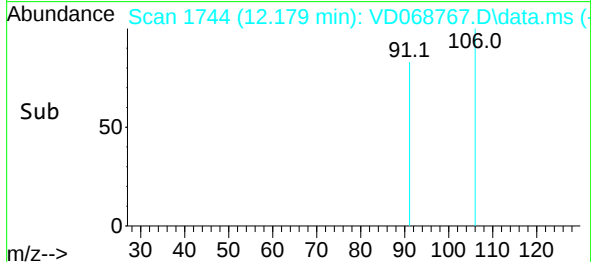
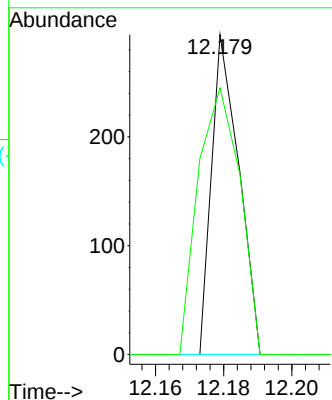
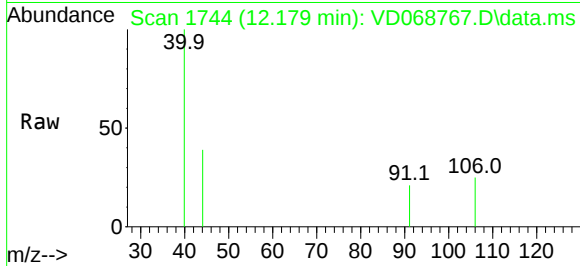




#69
o-Xylene
Concen: 6.60 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

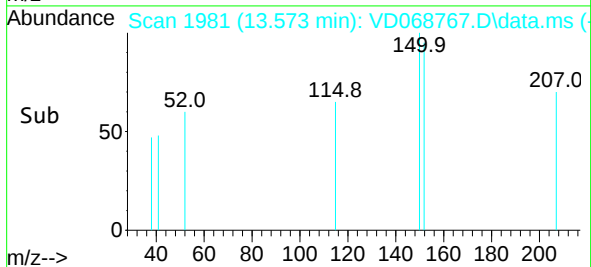
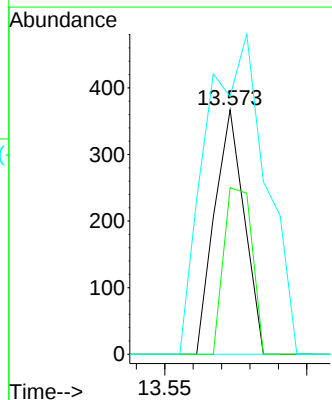
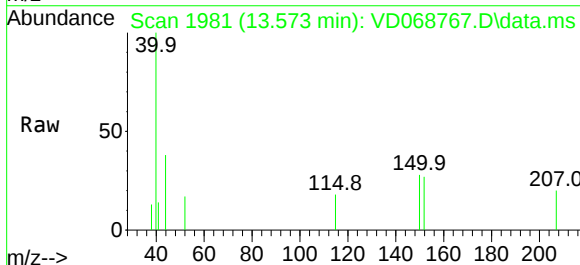
Instrument :
MSVOA_D
ClientSampleId :
124018-ARE

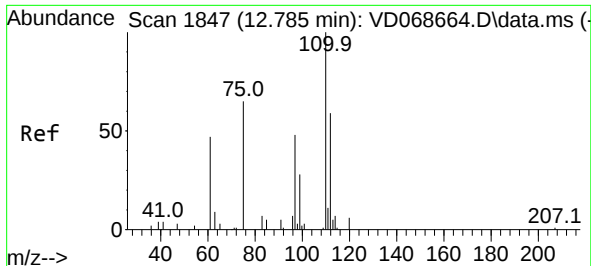
Tgt Ion:106 Resp: 163
Ion Ratio Lower Upper
106 100
91 127.6 105.0 315.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion:152 Resp: 266
Ion Ratio Lower Upper
152 100
115 65.4 29.3 87.8
150 263.9 0.0 347.6

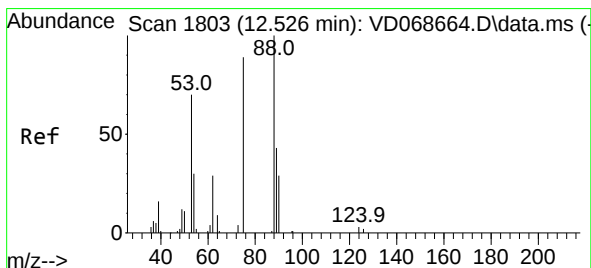
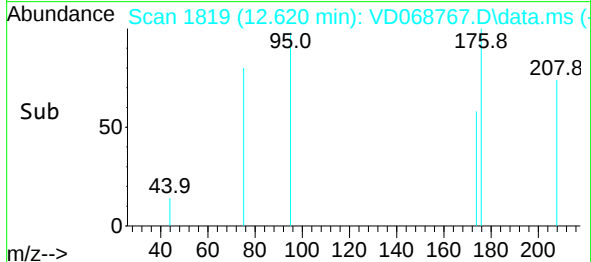
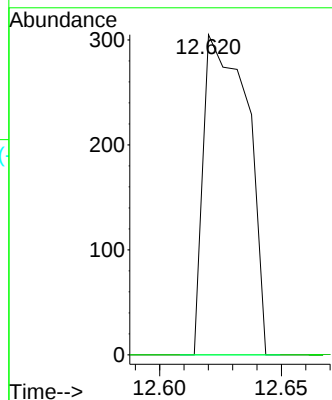
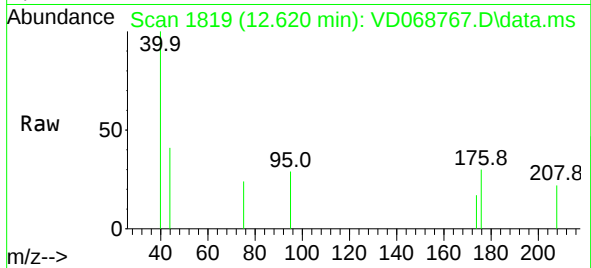




#76
1,2,3-Trichloropropane
Concen: 172.09 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :
124018-ARE

Tgt Ion: 75 Resp: 381
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 391.53 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.094 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion: 75 Resp: 381
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

