

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068142.D
 Acq On : 21 Jan 2021 19:30
 Operator : VA/SY
 Sample : M1206-04
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-009-B

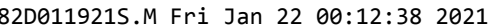
Quant Time: Jan 22 00:12:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	553006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	959528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	851063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	347688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	278942	52.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.46%			
35) Dibromofluoromethane	7.920	113	273397	51.54	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.08%			
50) Toluene-d8	10.344	98	1174245	55.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.68%			
62) 4-Bromofluorobenzene	12.632	95	383218	50.15	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.30%			
Target Compounds						
11) Tert butyl alcohol	5.232	59	872	Below Cal	#	74
16) Acetone	4.168	43	2569	2.72	ug/l	89
20) Methylene Chloride	4.973	84	4276	Below Cal	#	87
31) Cyclohexane	7.979	56	12645	1.10	ug/l	# 32
36) 1,1-Dichloropropene	7.979	75	44642	4.61	ug/l	# 48
38) Carbon Tetrachloride	7.985	117	55714	6.15	ug/l	# 16
76) 1,2,3-Trichloropropane	12.632	75	190944	56.80	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	190944	114.93	ug/l	# 13

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

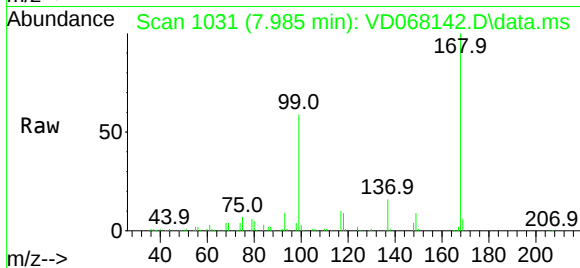
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QLast Update : Tue Jan 19 13:19:08 2021
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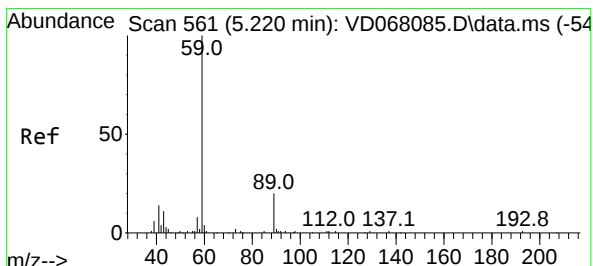
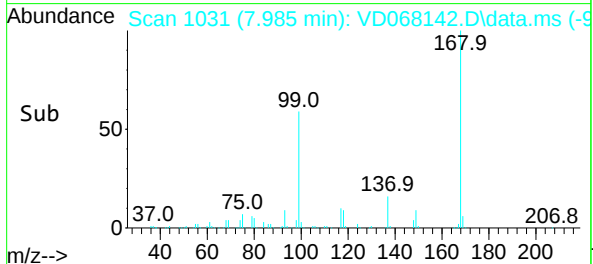
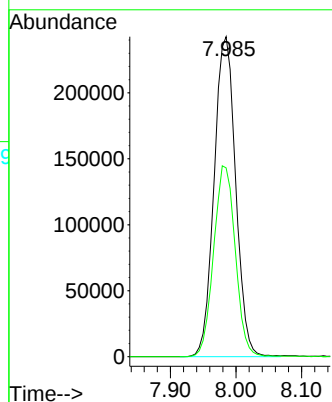


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-B

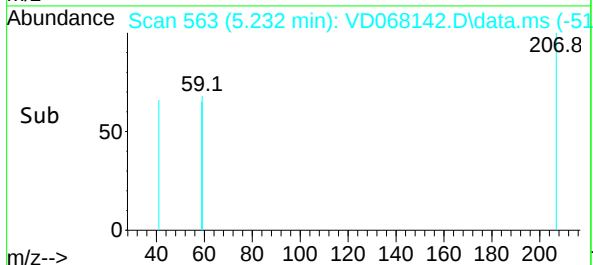
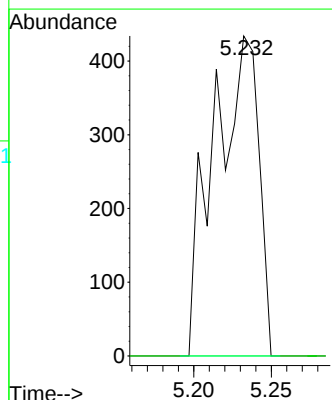
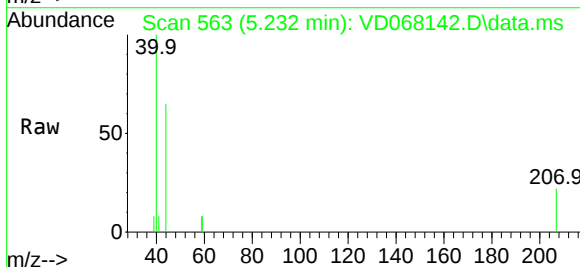


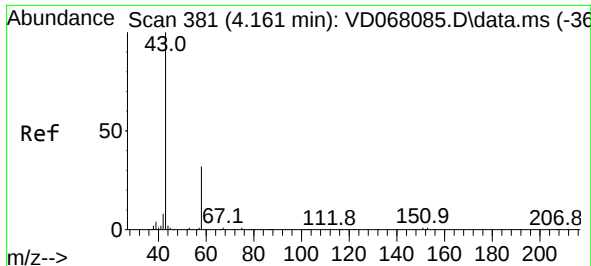
Tgt Ion:168 Resp: 553006
Ion Ratio Lower Upper
168 100
99 59.0 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Tgt Ion: 59 Resp: 872
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

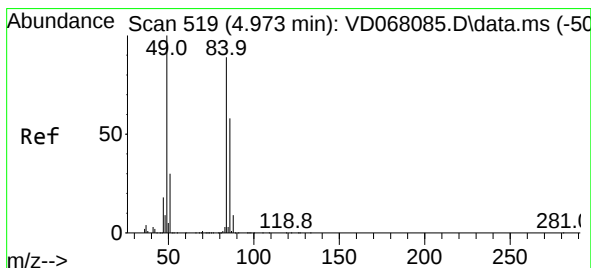
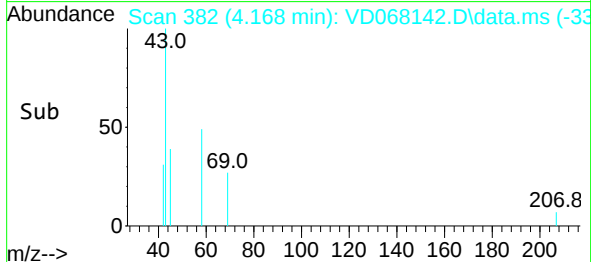
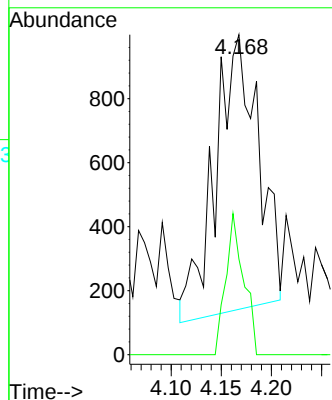
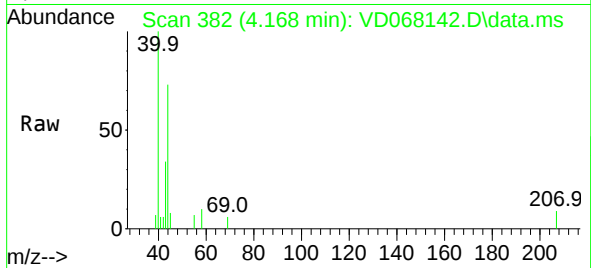




#16
Acetone
Concen: 2.72 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

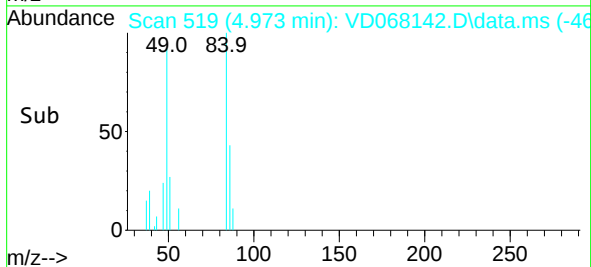
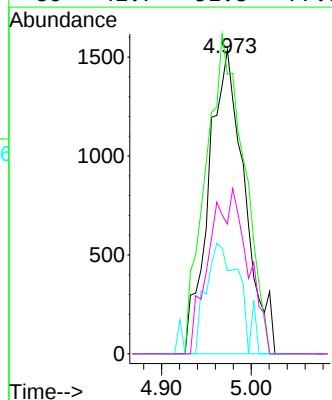
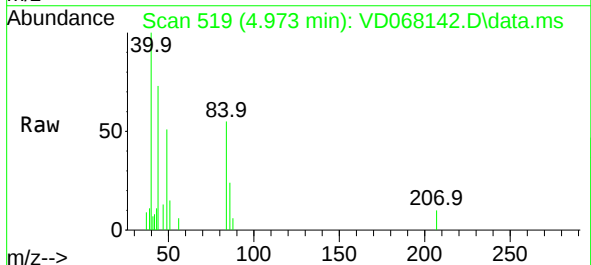
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ClientSampleId :
FK-SF-03-009-B

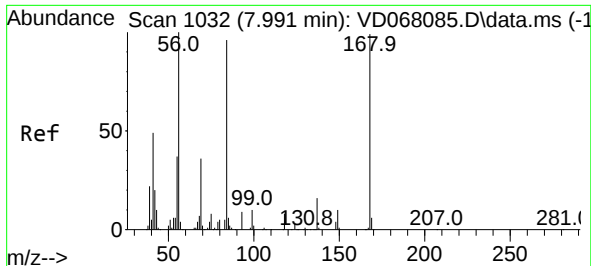
Tgt Ion: 43 Resp: 2569
Ion Ratio Lower Upper
43 100
58 36.1 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Tgt Ion: 84 Resp: 4276
Ion Ratio Lower Upper
84 100
49 91.9 77.4 116.2
51 27.4 26.1 39.1
86 42.7 51.8 77.8#

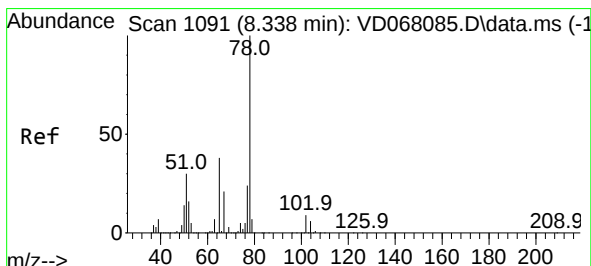
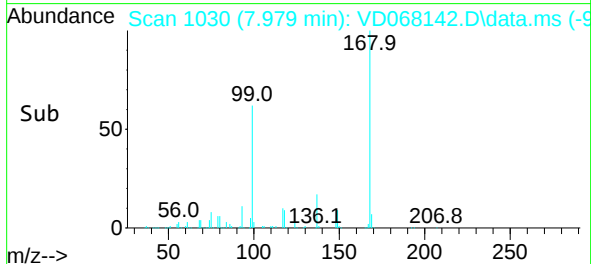
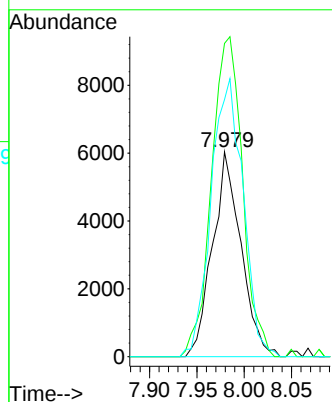
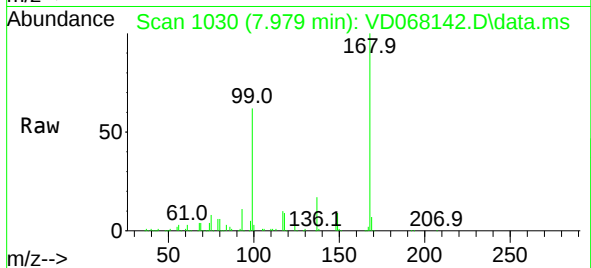




#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

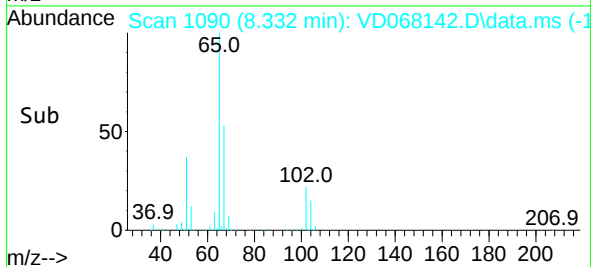
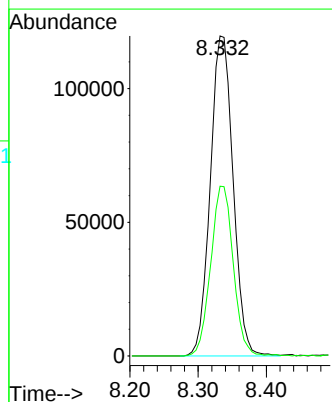
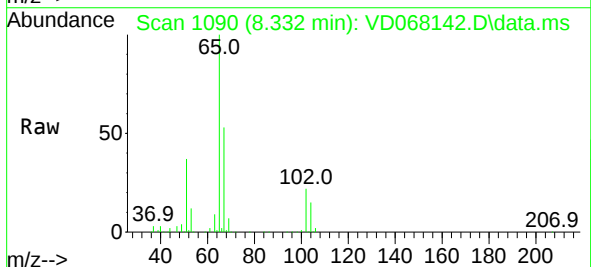
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-B

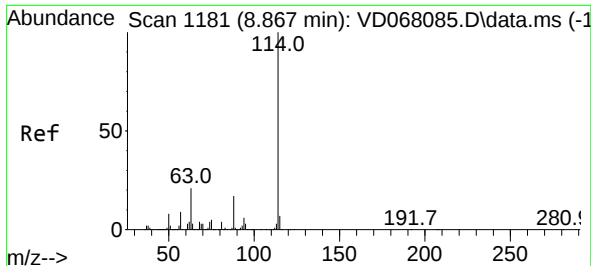
Tgt Ion: 56 Resp: 12645
Ion Ratio Lower Upper
56 100
69 152.9 30.1 45.1#
84 125.5 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 52.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Tgt Ion: 65 Resp: 278942
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

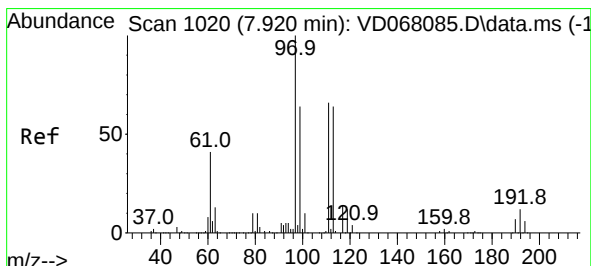
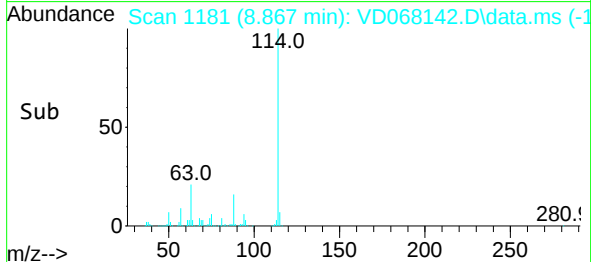
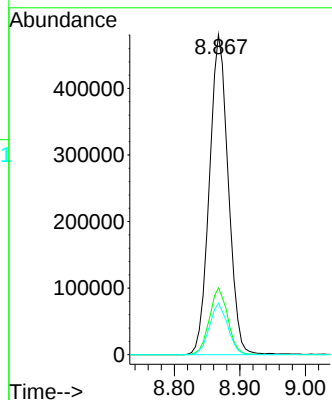
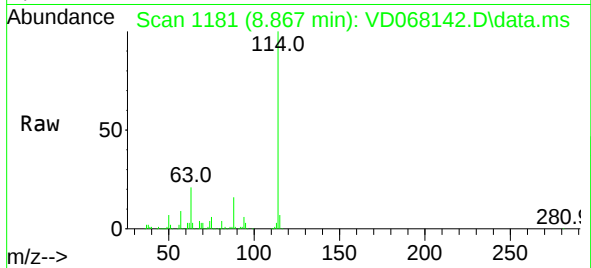




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

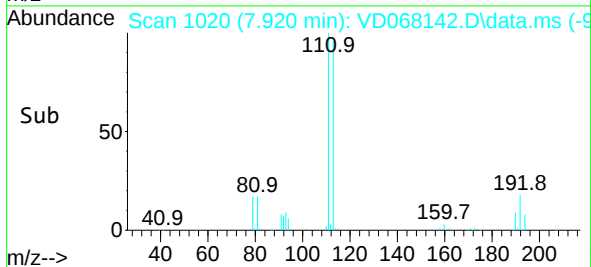
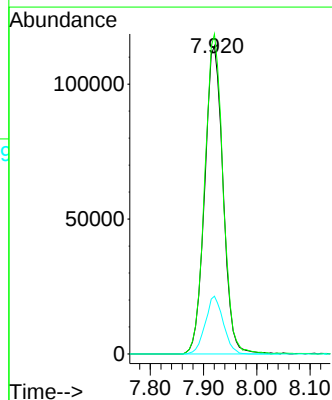
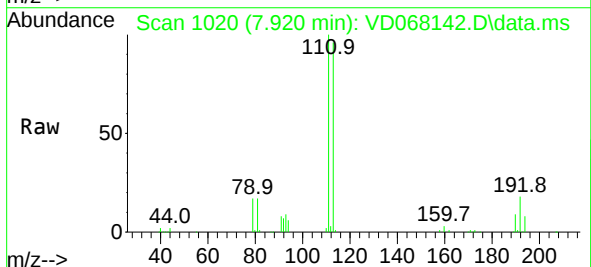
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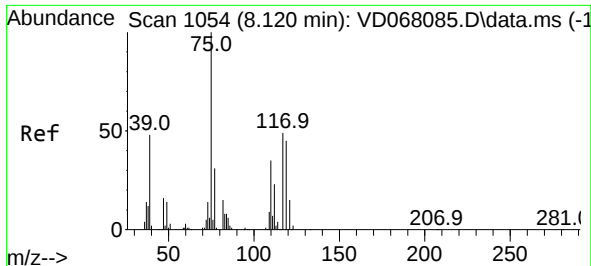
Tgt Ion:114 Resp: 959528
Ion Ratio Lower Upper
114 100
63 20.9 0.0 34.8
88 16.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.54 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Tgt Ion:113 Resp: 273397
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.3 16.1 24.1

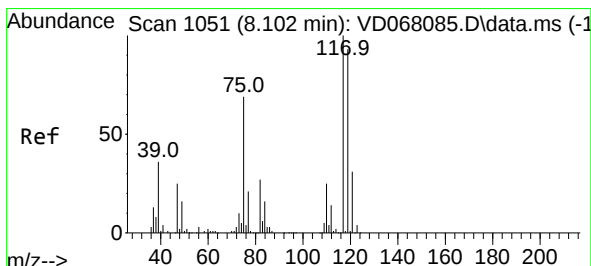
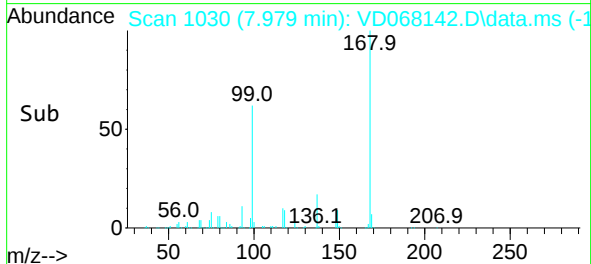
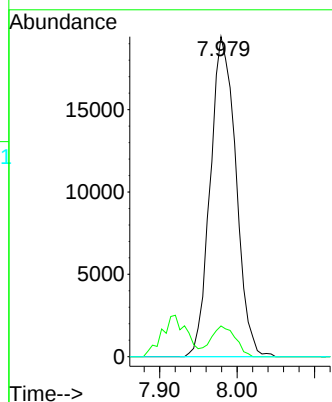
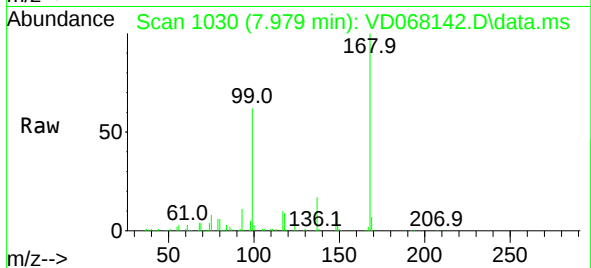




#36
 1,1-Dichloropropene
 Concen: 4.61 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.141 min
 Lab File: VD068142.D
 Acq: 21 Jan 2021 19:30

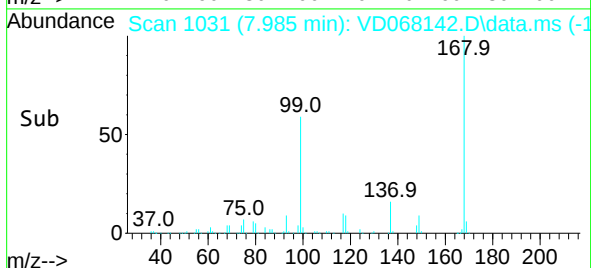
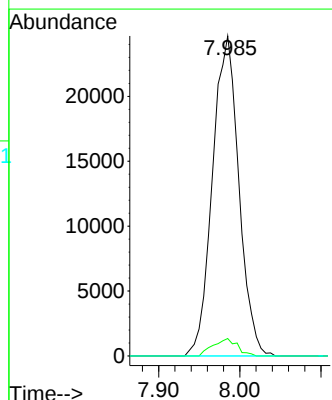
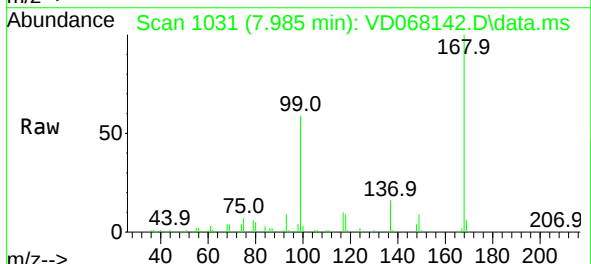
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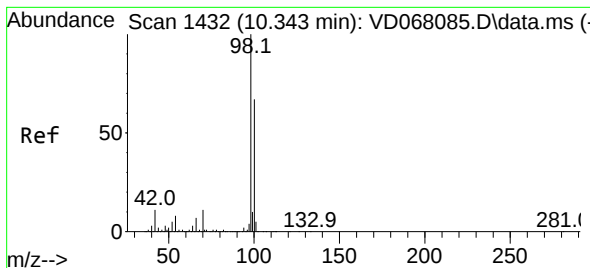
Tgt Ion: 75 Resp: 44642
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.4 58.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.15 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.117 min
 Lab File: VD068142.D
 Acq: 21 Jan 2021 19:30

Tgt Ion: 117 Resp: 55714
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.3 115.9#
 121 0.0 24.7 37.1#

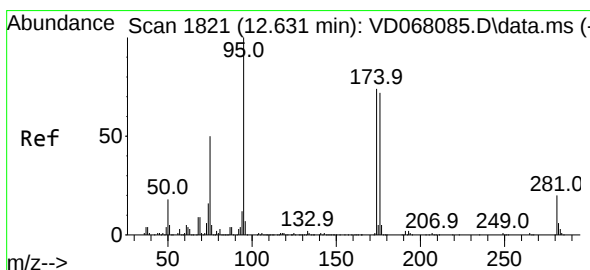
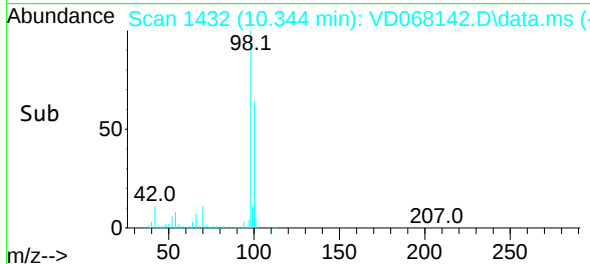
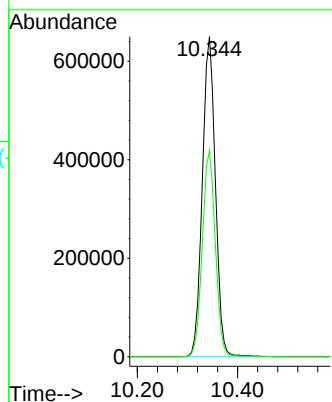
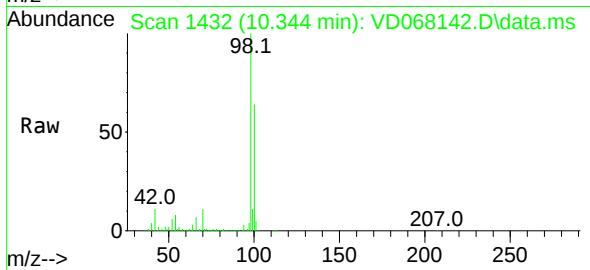




#50
Toluene-d8
Concen: 55.34 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

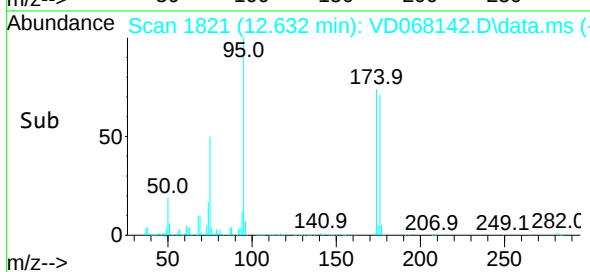
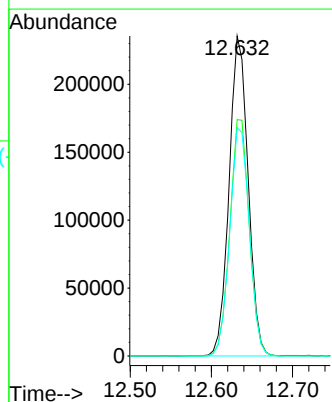
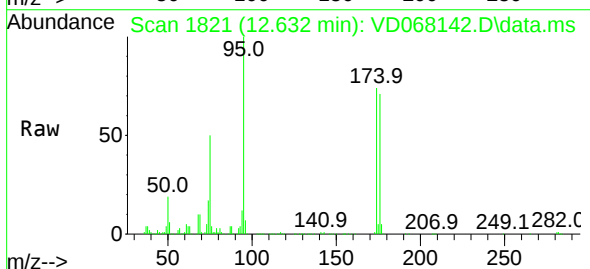
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MSVOA_D
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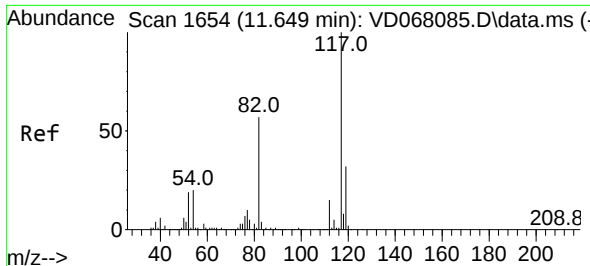
Tgt Ion: 98 Resp: 1174245
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Tgt Ion: 95 Resp: 383218
Ion Ratio Lower Upper
95 100
174 75.4 0.0 172.4
176 73.4 0.0 168.4

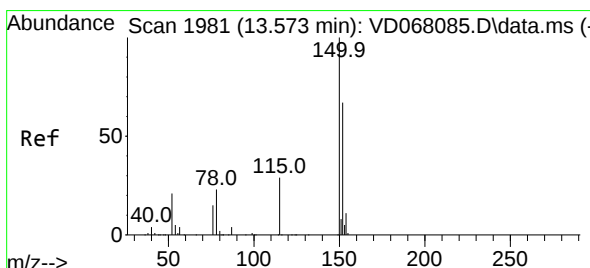
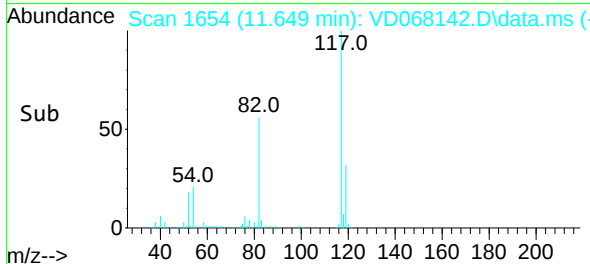
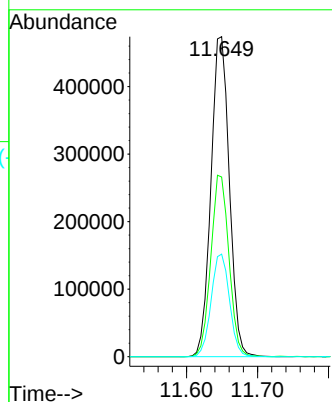
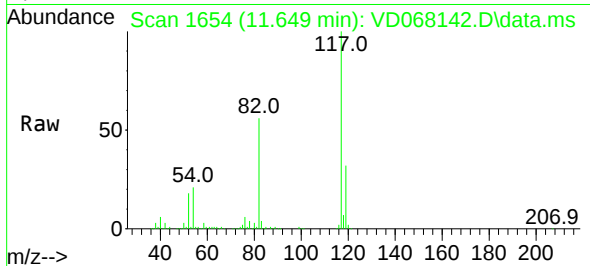




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

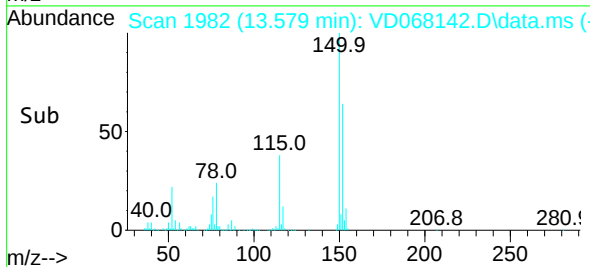
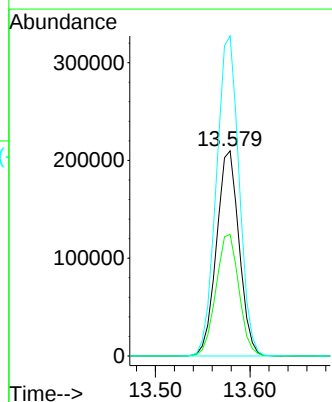
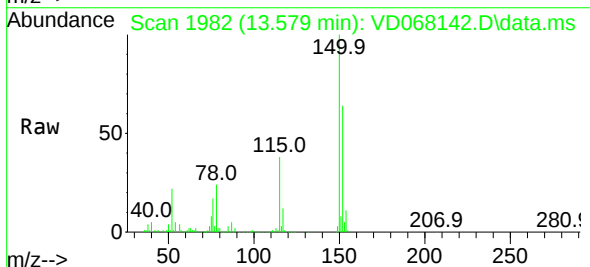
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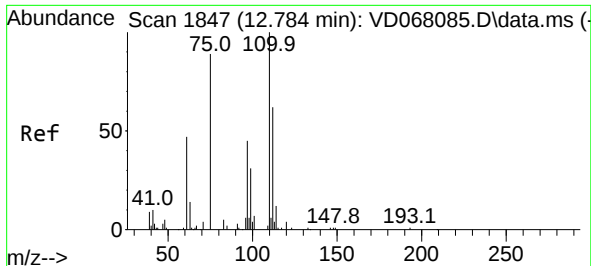
Tgt Ion:117 Resp: 851063
Ion Ratio Lower Upper
117 100
82 56.1 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Tgt Ion:152 Resp: 347688
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.8
150 157.1 0.0 344.4

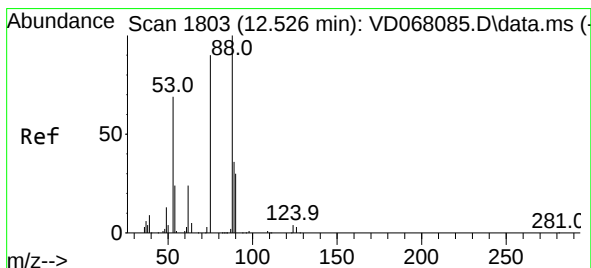
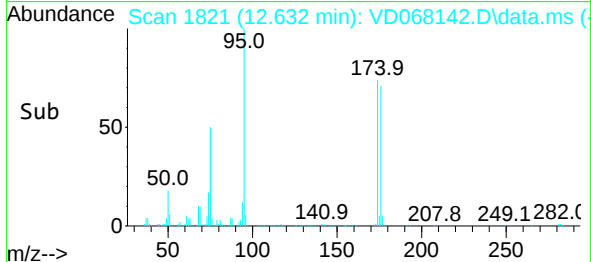
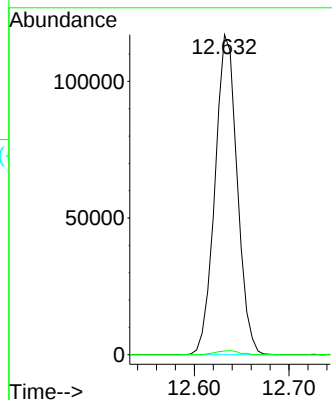
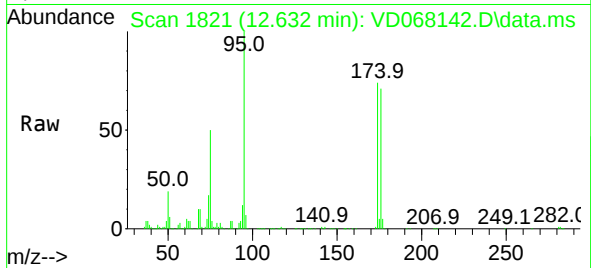




#76
1,2,3-Trichloropropane
Concen: 56.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-B

Tgt Ion: 75 Resp: 190944
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068142.D
Acq: 21 Jan 2021 19:30

Tgt Ion: 75 Resp: 190944
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

