

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068931.D
 Acq On : 21 Apr 2021 17:13
 Operator : VA/SY
 Sample : M2106-10
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:22:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

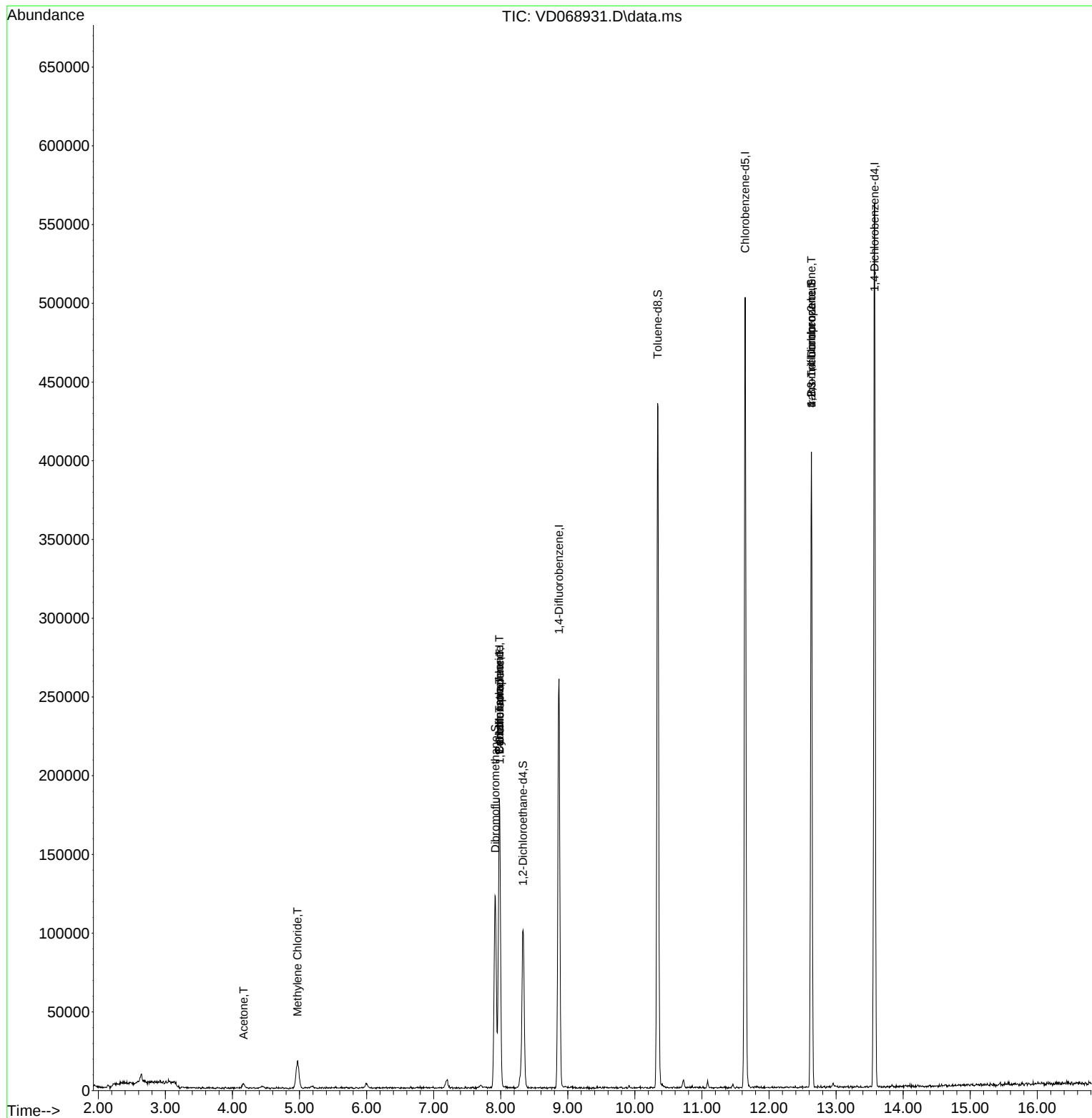
Internal Standards						
1) Pentafluorobenzene	7.979	168	139730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	244293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	304195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	158149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	81798	55.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.78%			
35) Dibromofluoromethane	7.920	113	87203	54.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.76%			
50) Toluene-d8	10.338	98	313125	52.24	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.48%			
62) 4-Bromofluorobenzene	12.632	95	129827	65.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 130.42%			
Target Compounds						
11) Tert butyl alcohol	5.238	59	69	Below Cal	#	73
16) Acetone	4.168	43	5358	26.20	ug/l	91
20) Methylene Chloride	4.967	84	15300	4.90	ug/l	93
31) Cyclohexane	7.979	56	3083	1.25	ug/l	# 17
36) 1,1-Dichloropropene	7.985	75	10441	4.22	ug/l	# 48
38) Carbon Tetrachloride	7.979	117	13961	5.70	ug/l	# 17
76) 1,2,3-Trichloropropane	12.632	75	64865	44.90	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	64865	104.19	ug/l	# 16

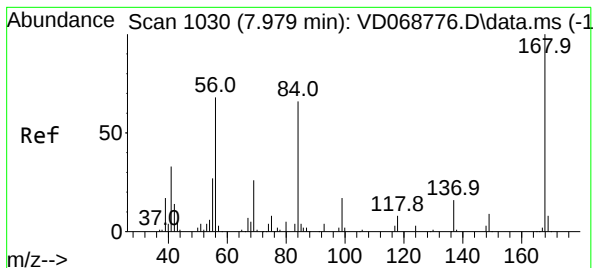
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068931.D
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MSVOA_D
ClientSampleId :

Quant Time: Apr 22 10:22:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

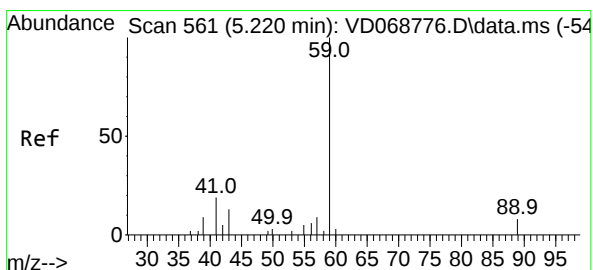
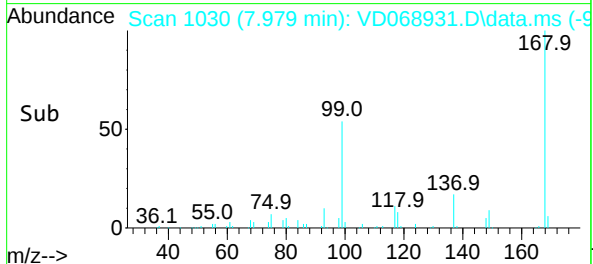
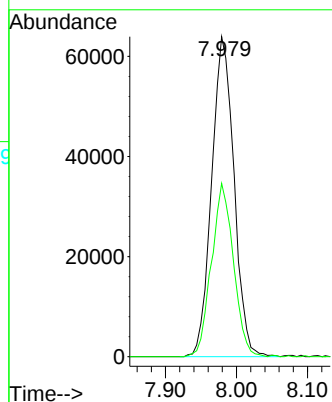
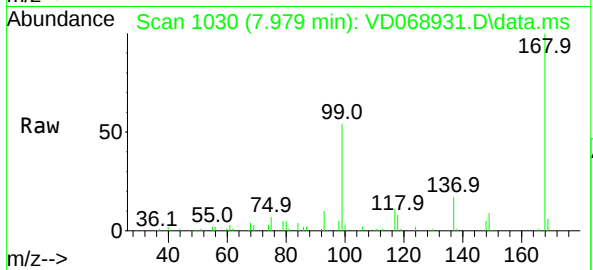




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

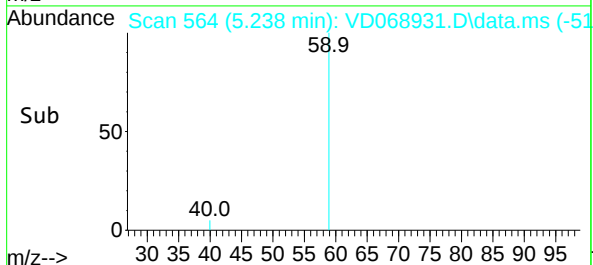
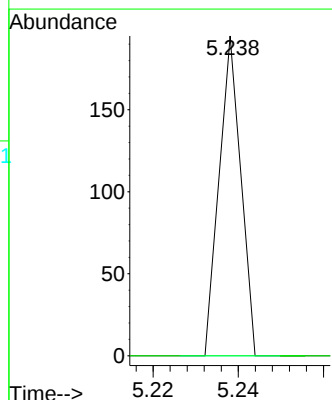
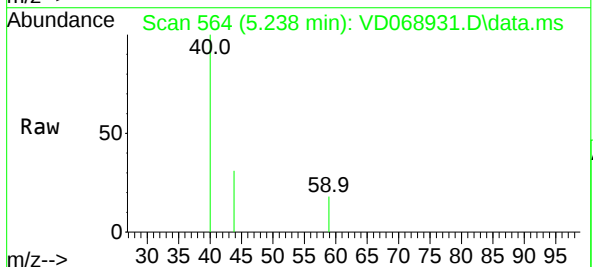
Instrument :
MSVOA_D
ClientSampleId :

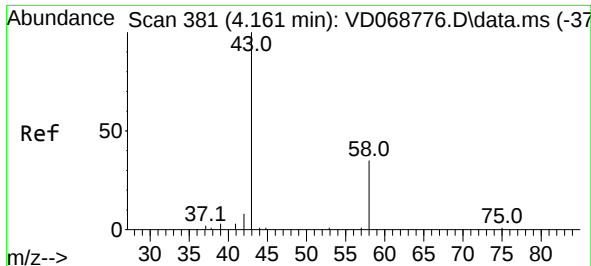
Tgt Ion:168 Resp: 139730
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

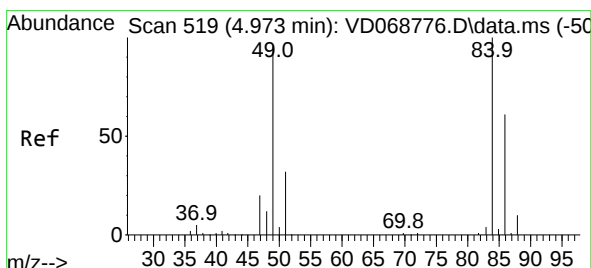
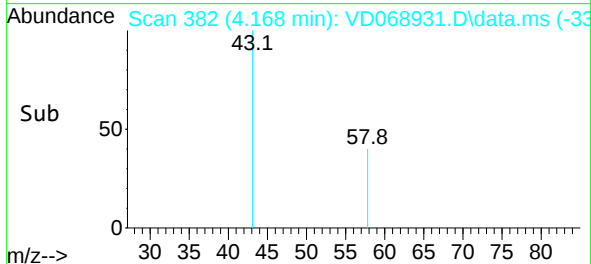
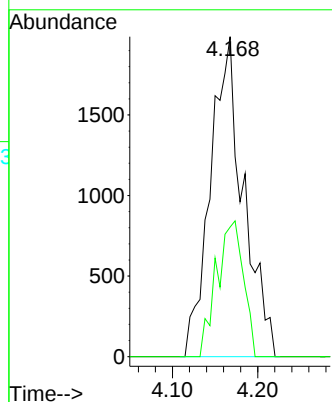
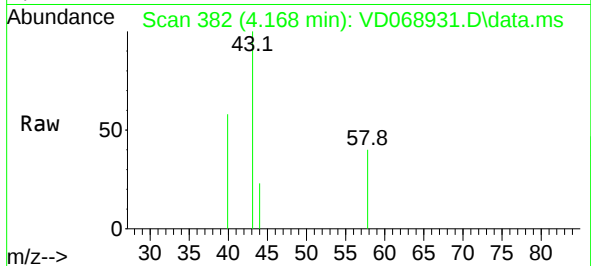




#16
Acetone
Concen: 26.20 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

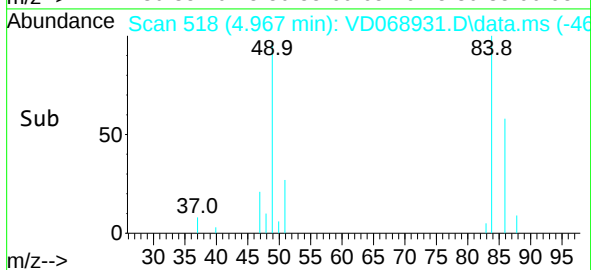
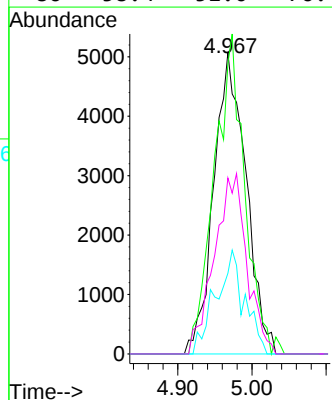
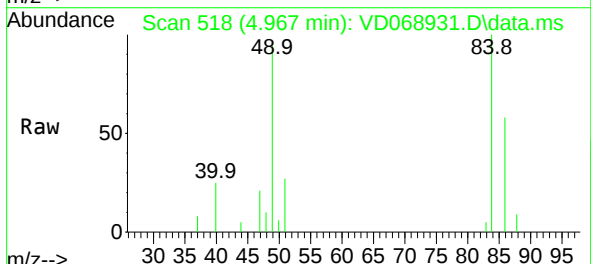
Instrument :
MSVOA_D
ClientSampled :

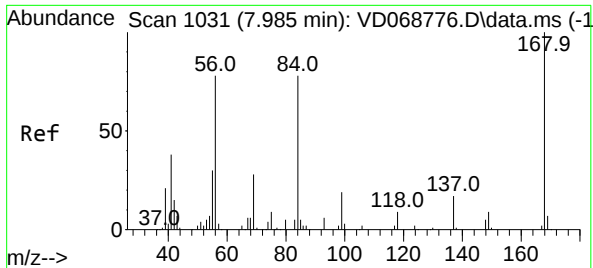
Tgt Ion: 43 Resp: 5358
Ion Ratio Lower Upper
43 100
58 40.5 28.0 42.0



#20
Methylene Chloride
Concen: 4.90 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Tgt Ion: 84 Resp: 15300
Ion Ratio Lower Upper
84 100
49 96.3 83.4 125.0
51 26.7 23.4 35.2
86 58.4 51.0 76.4

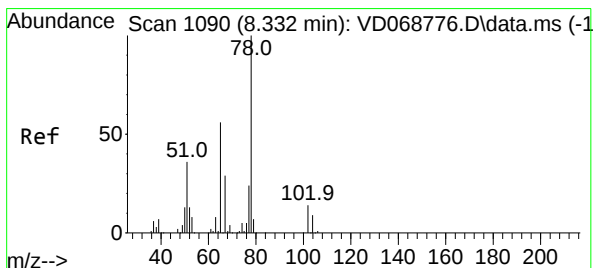
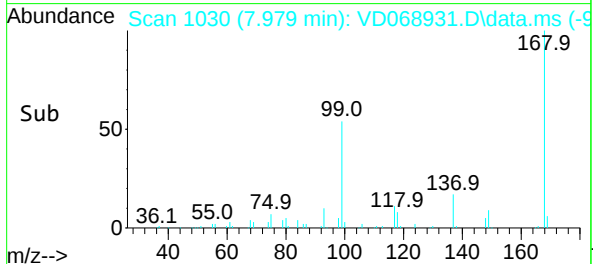
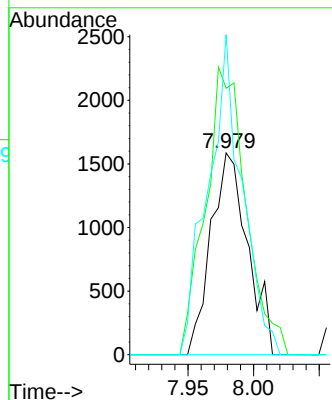
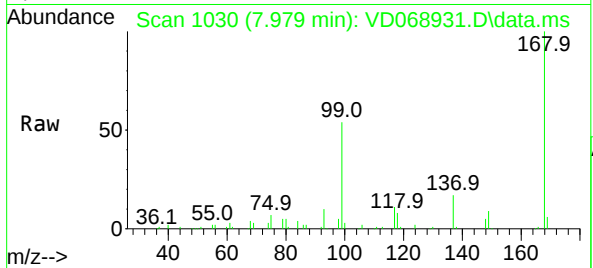




#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

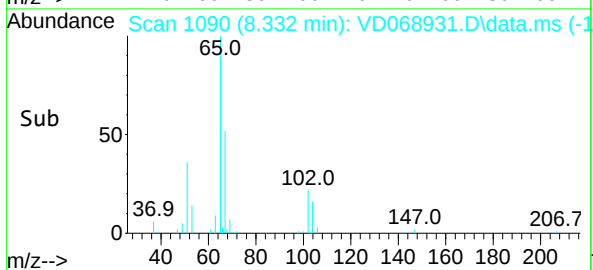
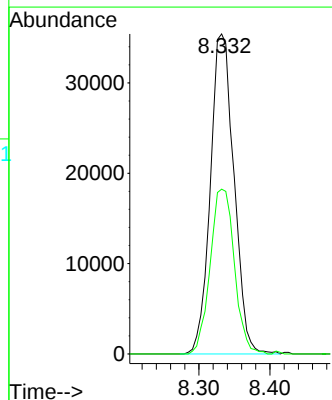
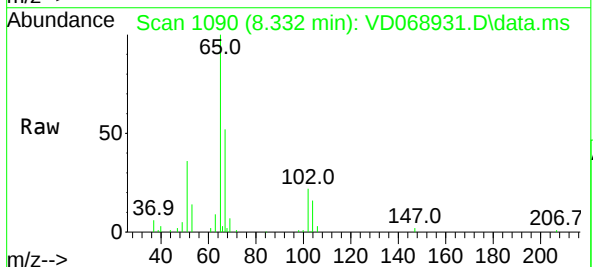
Instrument :
MSVOA_D
ClientSampled :

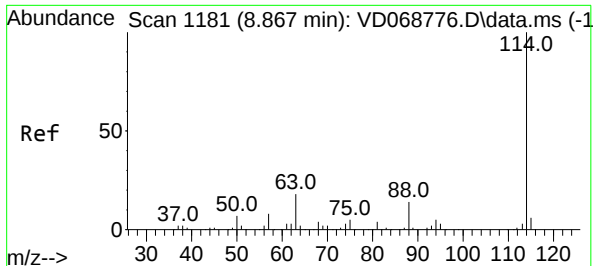
Tgt Ion: 56 Resp: 3083
Ion Ratio Lower Upper
56 100
69 132.0 30.0 45.0#
84 158.5 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 55.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Tgt Ion: 65 Resp: 81798
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0

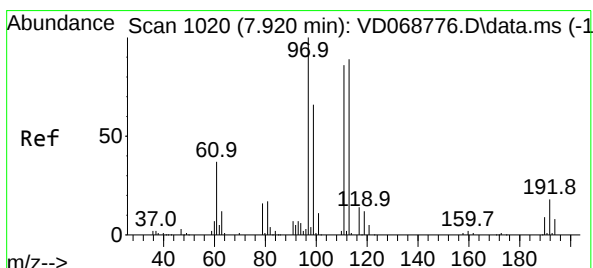
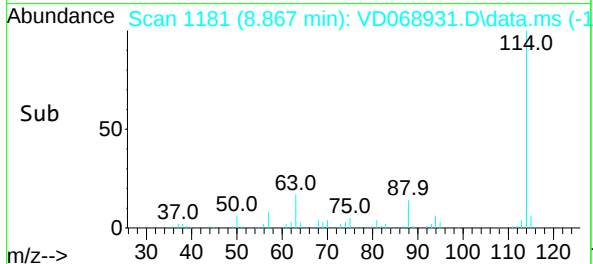
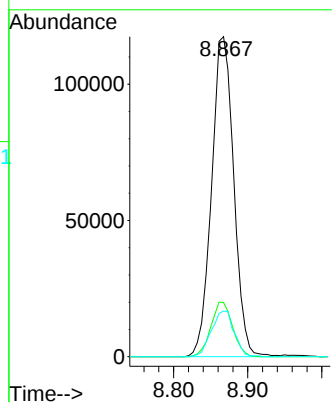
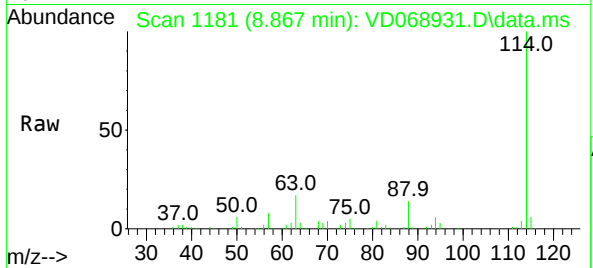




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

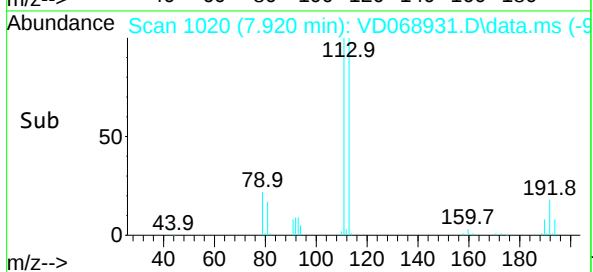
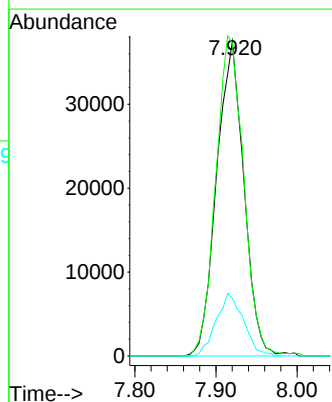
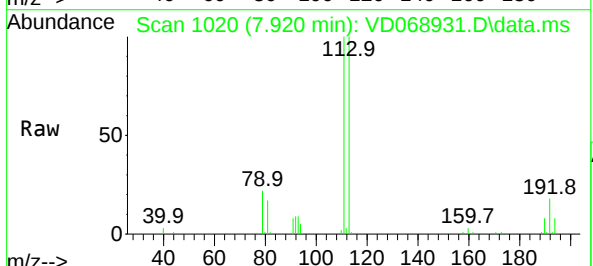
Instrument :
MSVOA_D
ClientSampled :

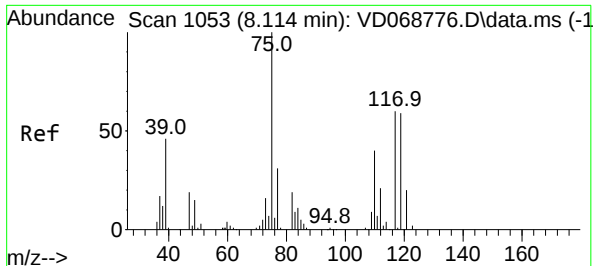
Tgt Ion:114 Resp: 244293
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 54.88 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Tgt Ion:113 Resp: 87203
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 19.9 15.1 22.7

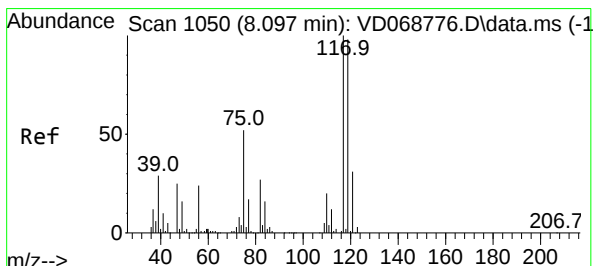
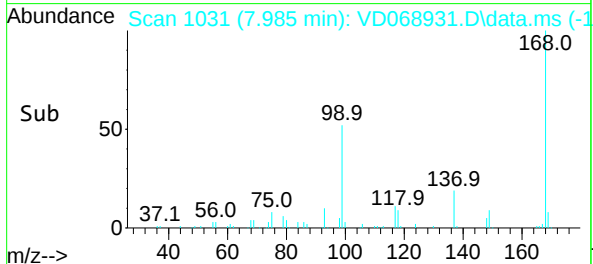
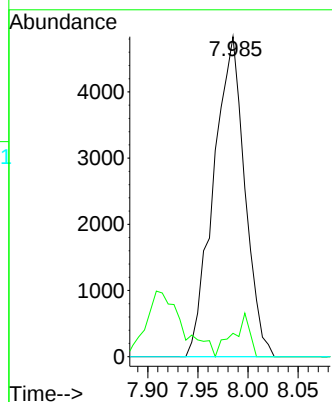
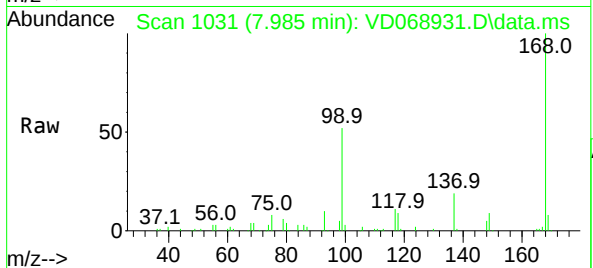




#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

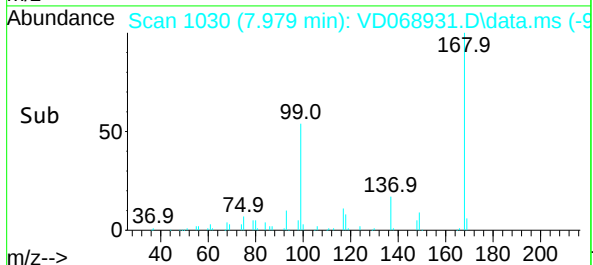
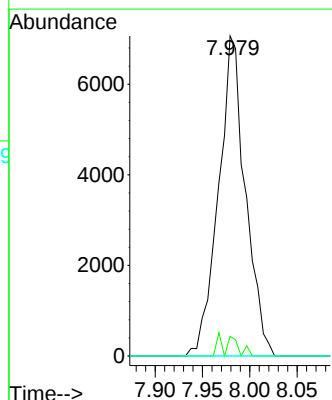
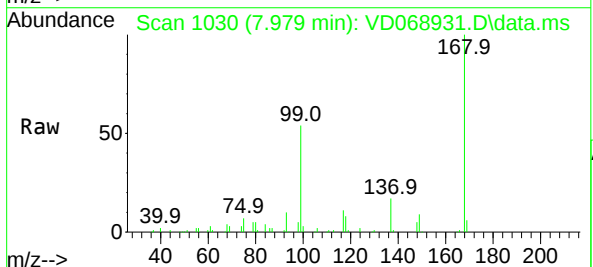
Instrument :
MSVOA_D
ClientSampleId :

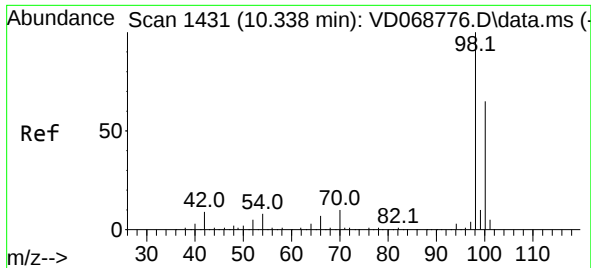
Tgt Ion: 75 Resp: 10441
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Tgt Ion: 117 Resp: 13961
Ion Ratio Lower Upper
117 100
119 6.1 76.6 115.0#
121 0.0 26.1 39.1#

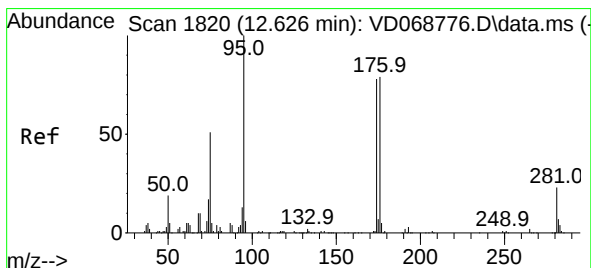
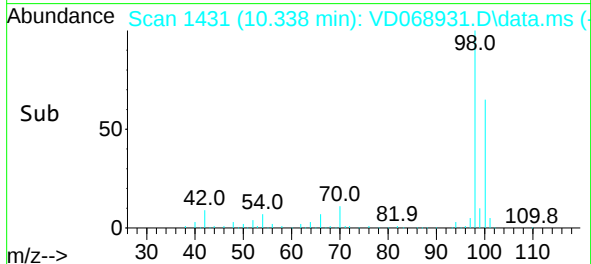
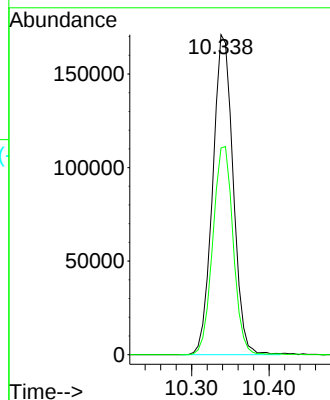
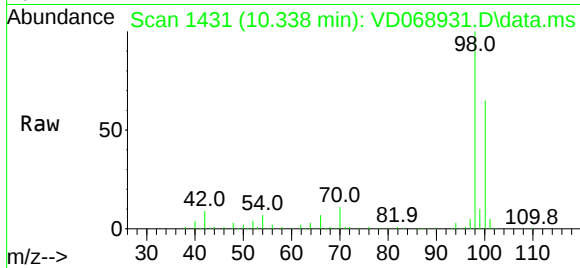




#50
Toluene-d8
Concen: 52.24 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

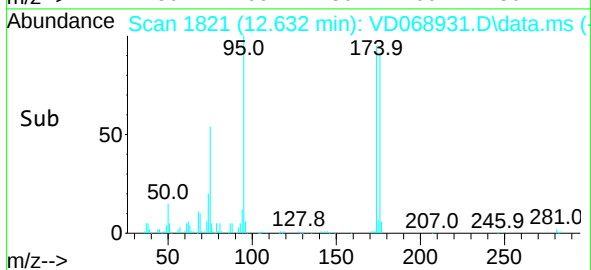
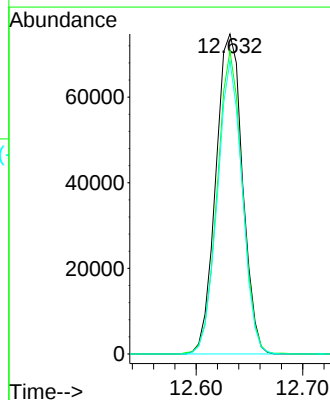
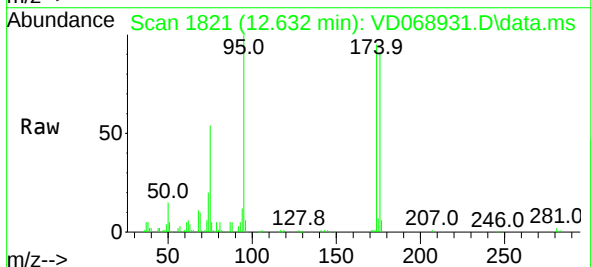
Instrument :
MSVOA_D
ClientSampled :

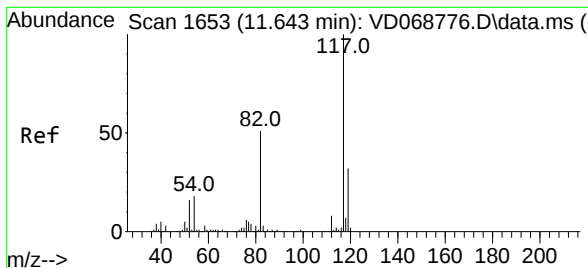
Tgt Ion: 98 Resp: 313125
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Tgt Ion: 95 Resp: 129827
Ion Ratio Lower Upper
95 100
174 89.1 0.0 168.0
176 85.3 0.0 160.2

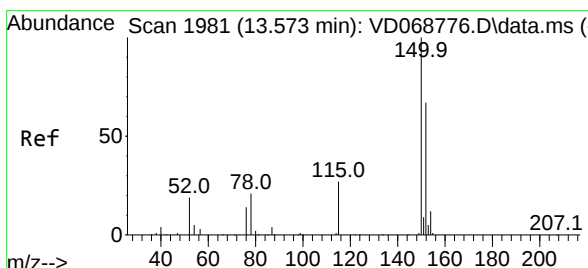
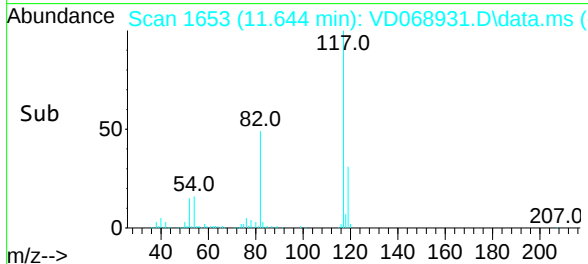
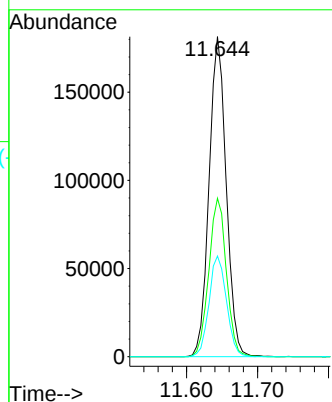
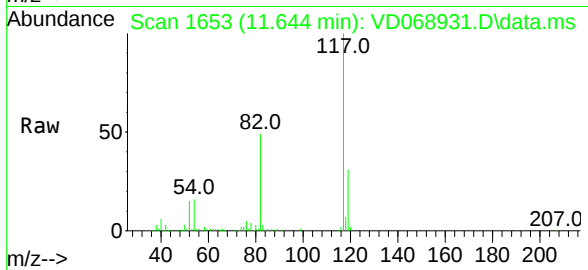




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

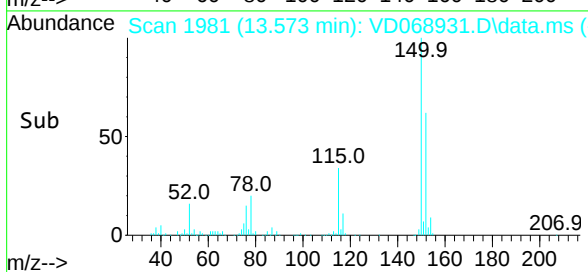
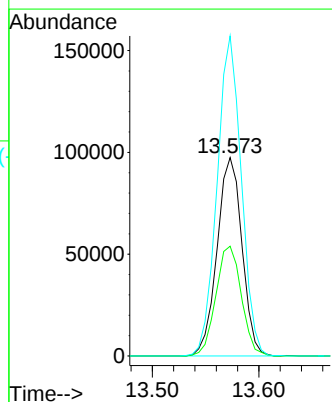
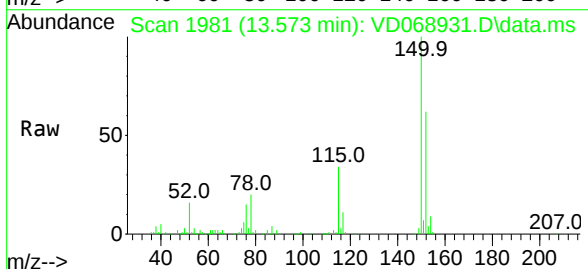
Instrument :
MSVOA_D
ClientSampleId :

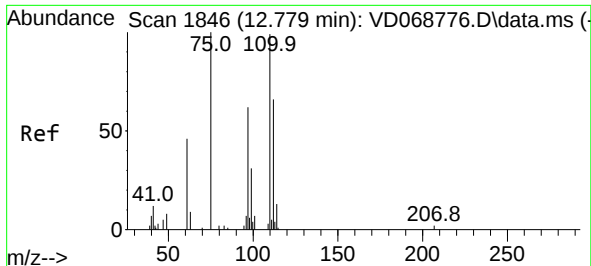
Tgt Ion:117 Resp: 304195
Ion Ratio Lower Upper
117 100
82 49.5 43.5 65.3
119 31.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Tgt Ion:152 Resp: 158149
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 157.0 0.0 347.6

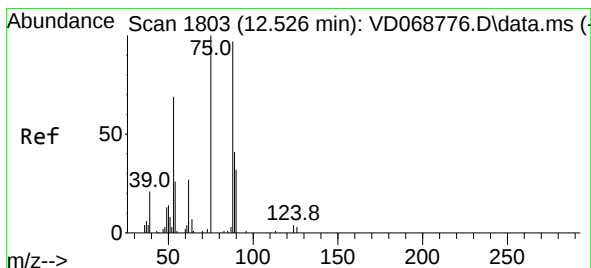
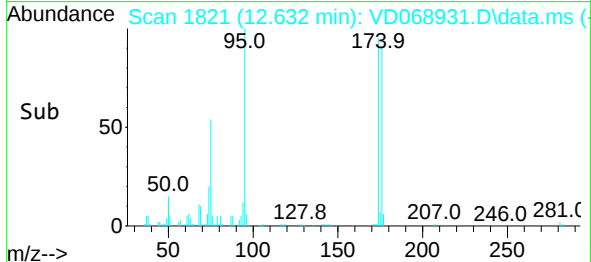
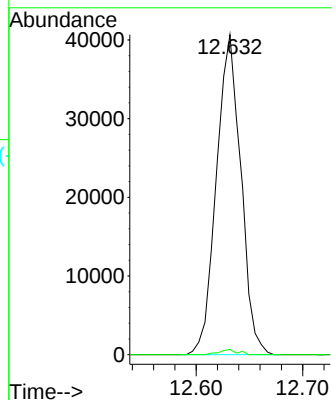
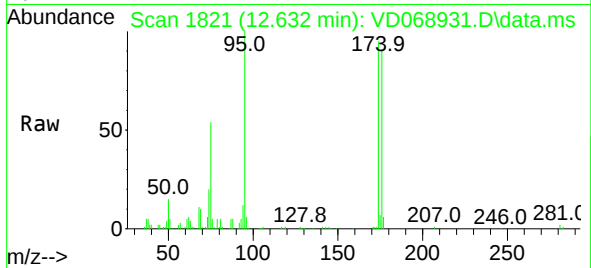




#76
1,2,3-Trichloropropane
Concen: 44.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 64865
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068931.D
Acq: 21 Apr 2021 17:13

Tgt Ion: 75 Resp: 64865
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

