

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068865.D
 Acq On : 15 Apr 2021 19:32
 Operator : VA/SY
 Sample : M2049-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:11:08 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)

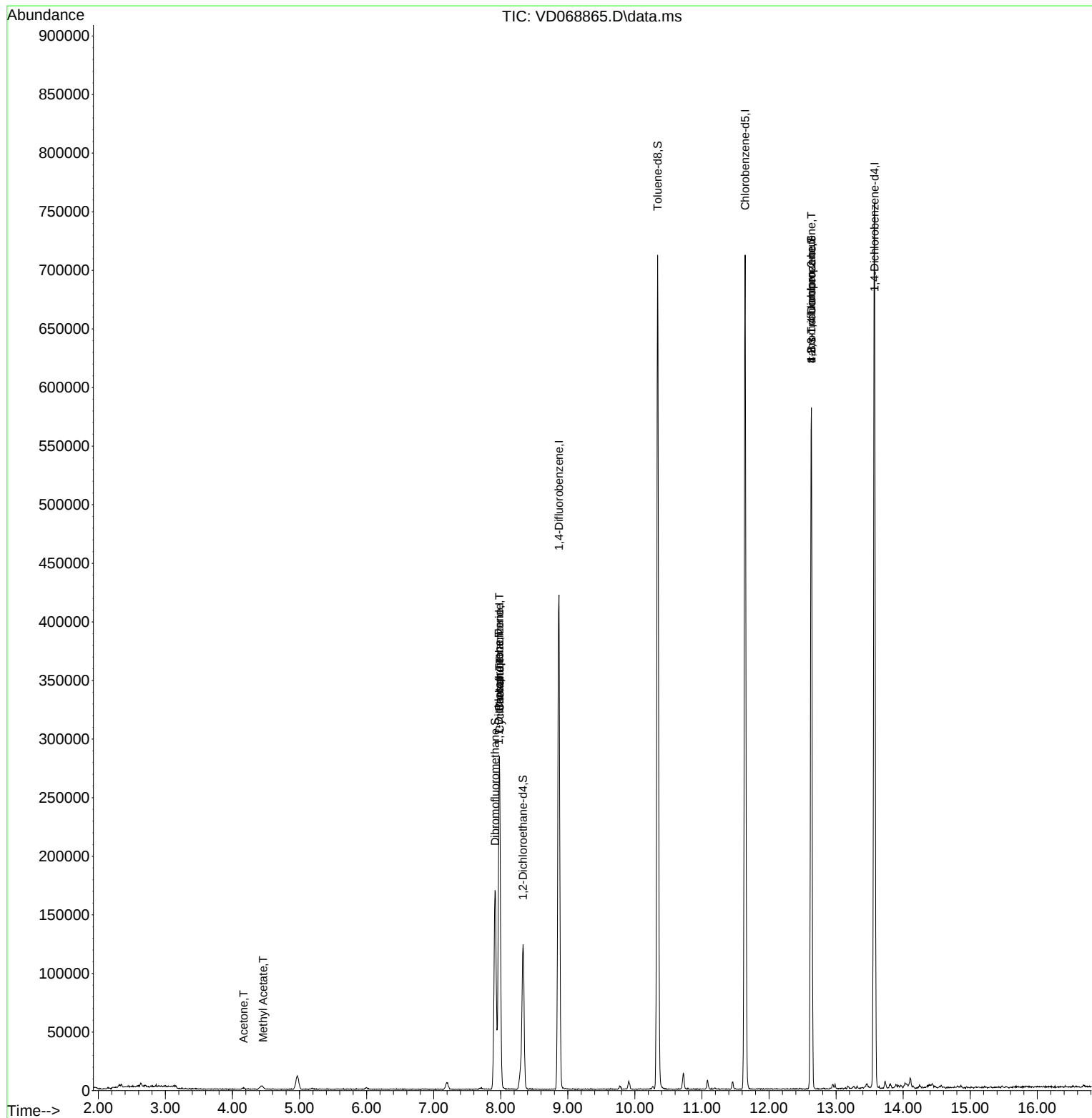
Internal Standards						
1) Pentafluorobenzene	7.979	168	218167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	386793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	430278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	96743	41.96	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.92%		
35) Dibromofluoromethane	7.915	113	124090	49.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.64%		
50) Toluene-d8	10.338	98	495193	52.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.36%		
62) 4-Bromofluorobenzene	12.632	95	186617	59.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.40%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.209	59	152	Below Cal	#	73
16) Acetone	4.168	43	1944	6.09 ug/l	#	81
18) Methyl Acetate	4.456	43	905	1.03 ug/l	#	43
20) Methylene Chloride	4.973	84	10115	Below Cal	#	82
31) Cyclohexane	7.985	56	4537	1.18 ug/l	#	48
36) 1,1-Dichloropropene	7.973	75	16094	4.11 ug/l	#	49
38) Carbon Tetrachloride	7.979	117	21441	5.53 ug/l	#	17
76) 1,2,3-Trichloropropane	12.632	75	92265	46.92 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	92265	108.90 ug/l	#	16

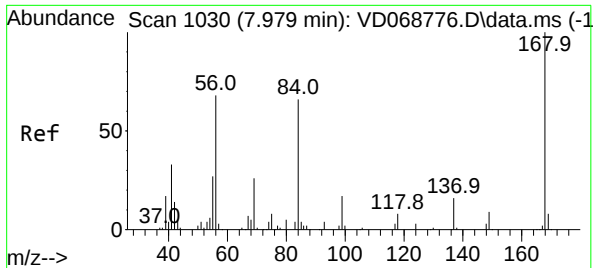
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

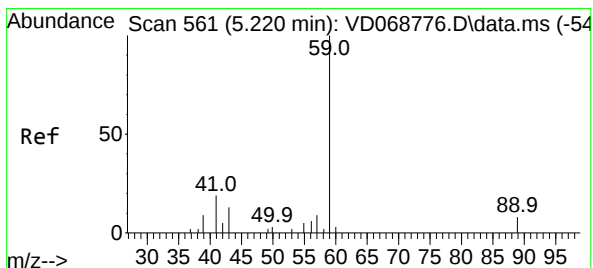
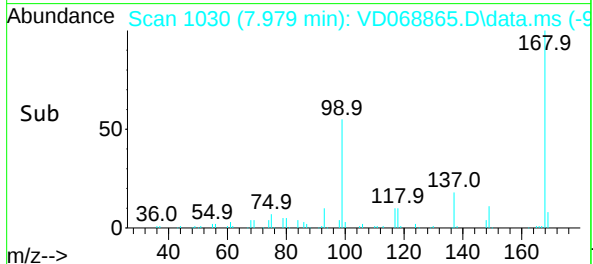
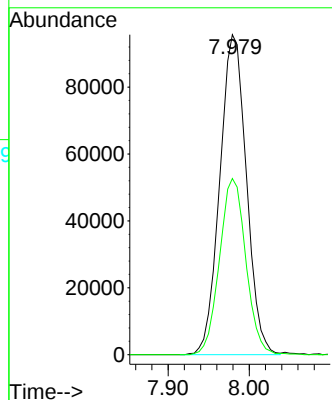
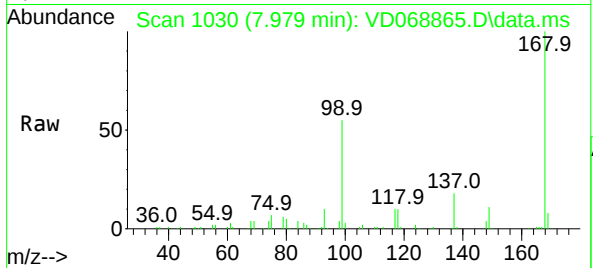




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

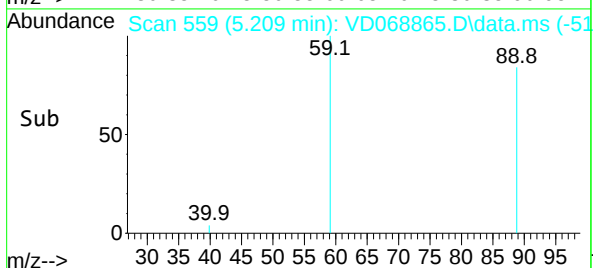
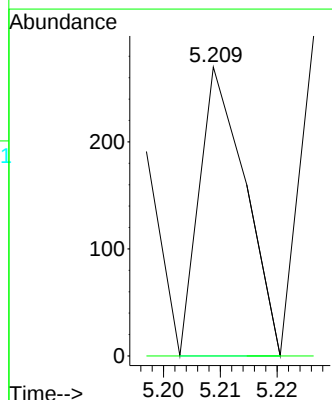
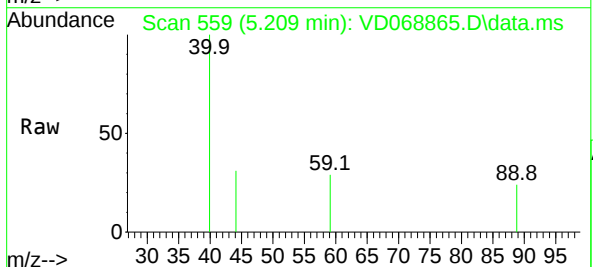
Instrument :
MSVOA_D
ClientSampled :

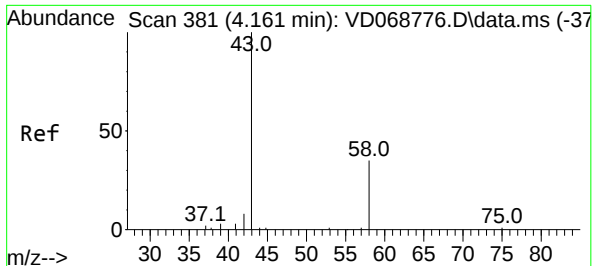
Tgt Ion:168 Resp: 218167
Ion Ratio Lower Upper
168 100
99 55.0 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

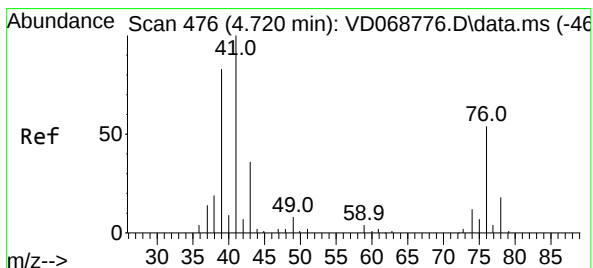
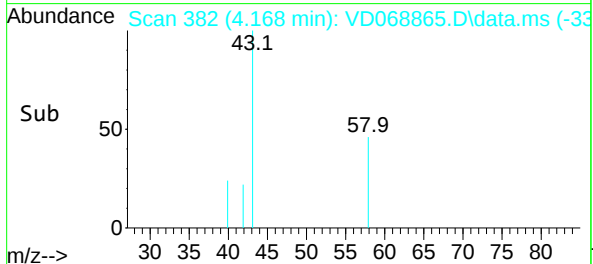
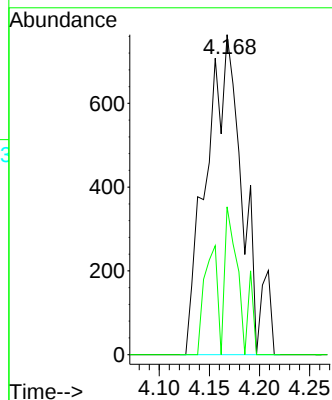
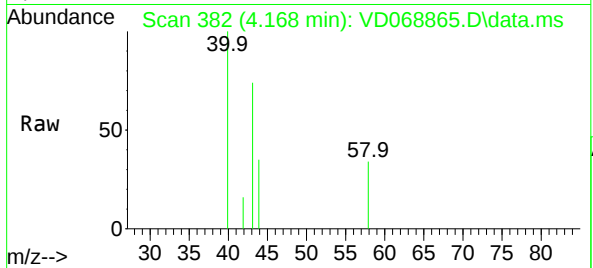




#16
Acetone
Concen: 6.09 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

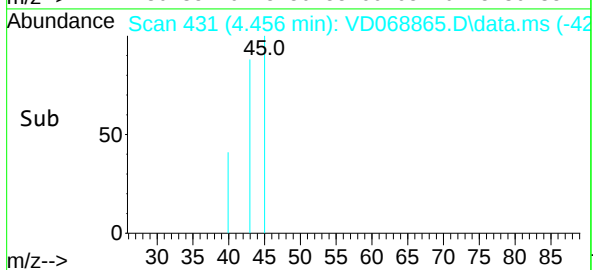
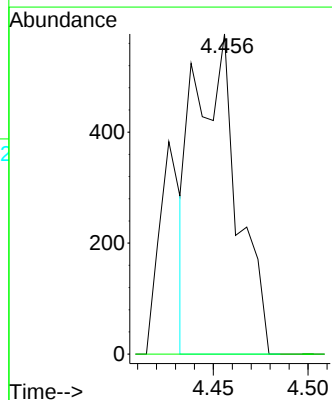
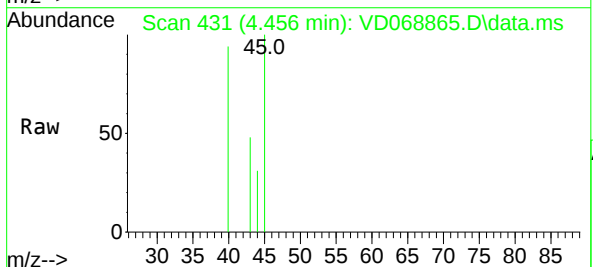
Instrument :
MSVOA_D
ClientSampleId :

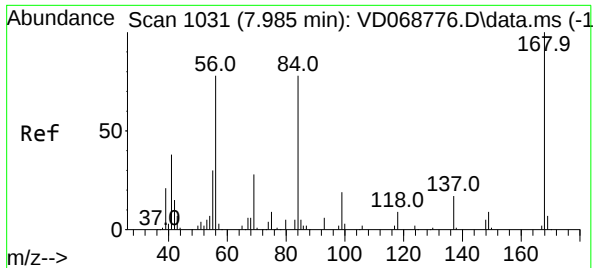
Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
58 46.2 28.0 42.0#



#18
Methyl Acetate
Concen: 1.03 ug/l
RT: 4.456 min Scan# 431
Delta R.T. -0.264 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#

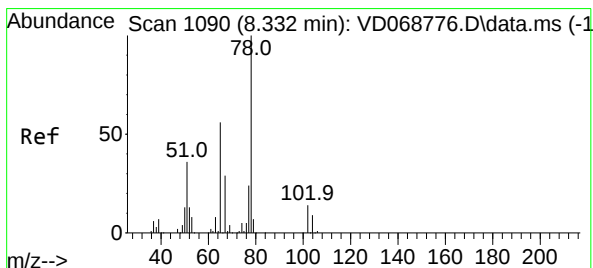
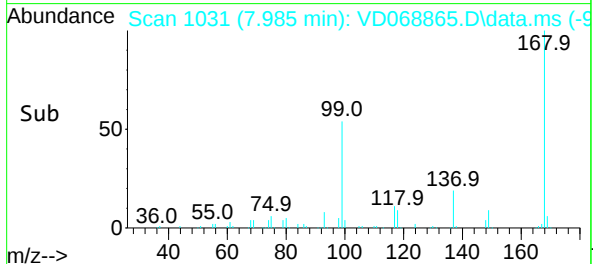
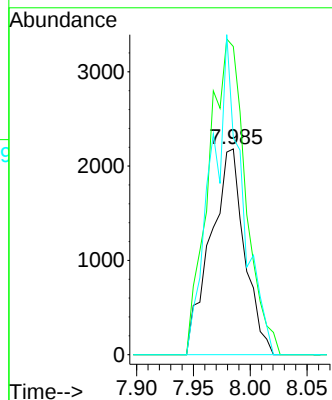
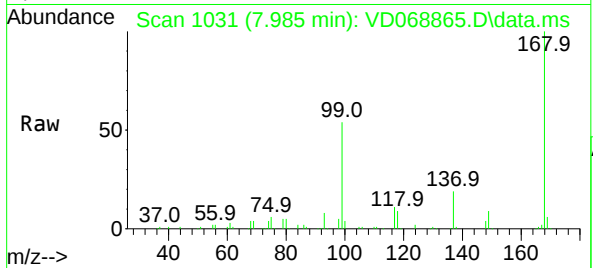




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

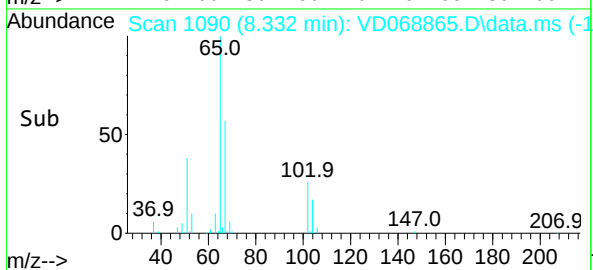
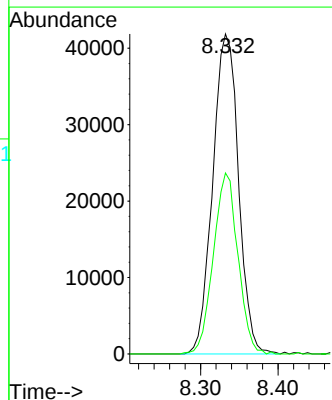
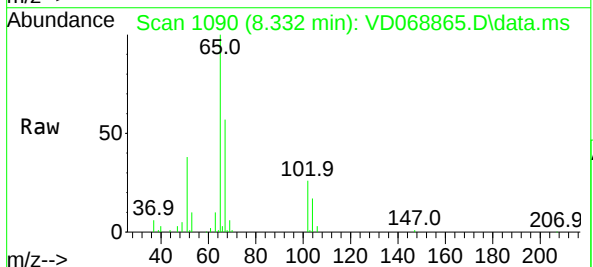
Instrument :
MSVOA_D
ClientSampleId :

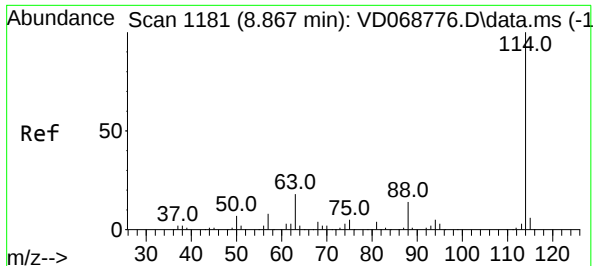
Tgt Ion: 56 Resp: 4537
Ion Ratio Lower Upper
56 100
69 149.8 30.0 45.0#
84 105.3 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 41.96 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion: 65 Resp: 96743
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0

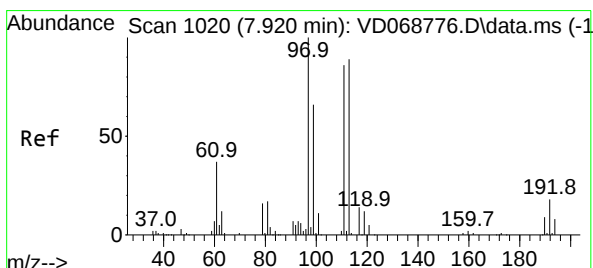
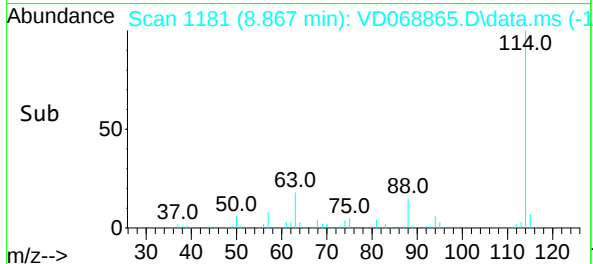
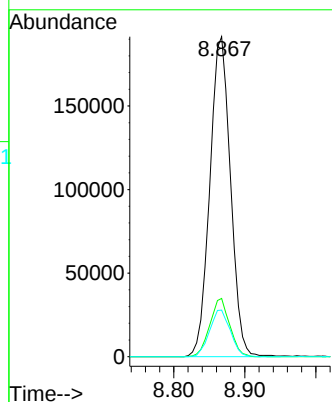
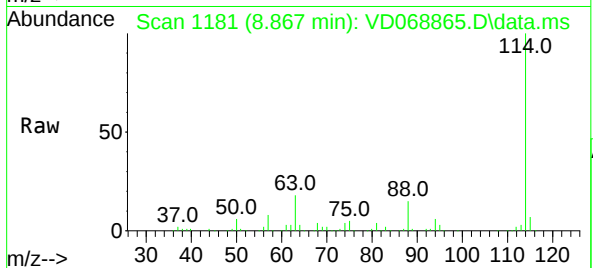




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

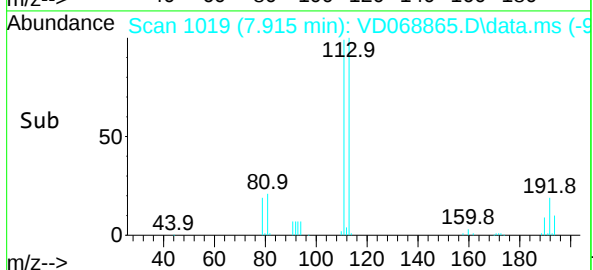
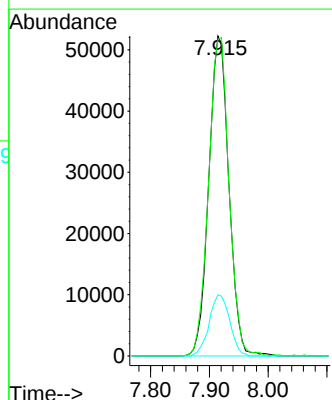
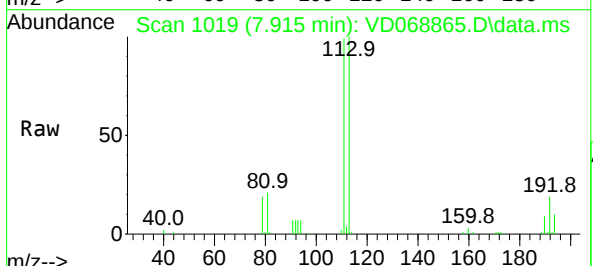
Instrument :
MSVOA_D
ClientSampled :

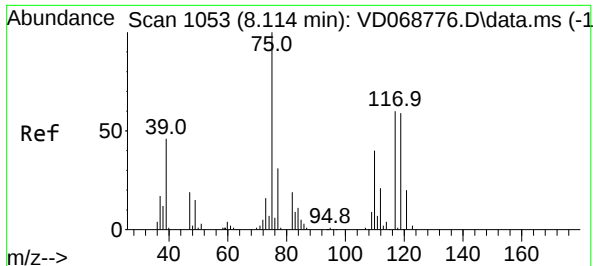
Tgt Ion:114 Resp: 386793
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.32 ug/l
RT: 7.915 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion:113 Resp: 124090
Ion Ratio Lower Upper
113 100
111 101.5 82.5 123.7
192 19.5 15.1 22.7

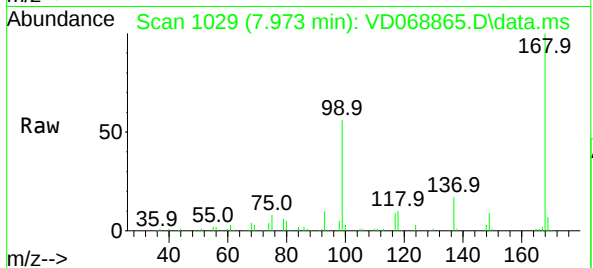




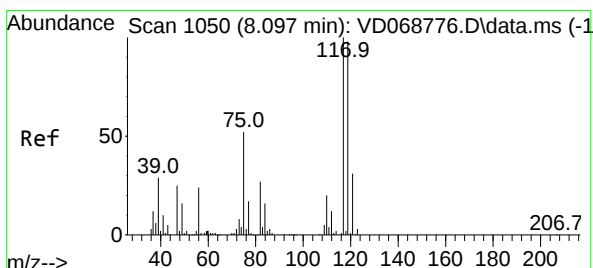
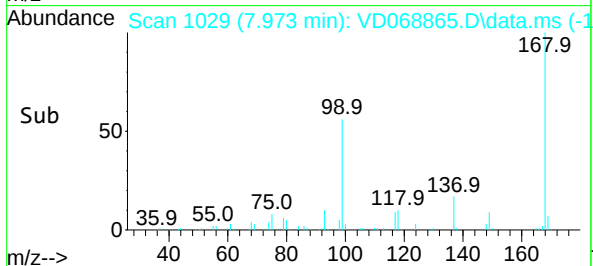
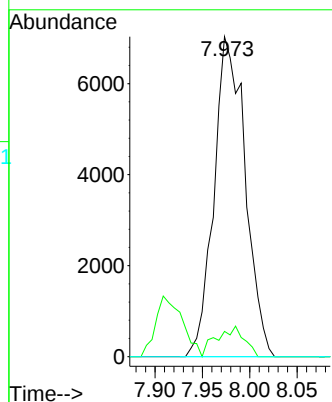
#36

1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Instrument :
MSVOA_D
ClientSampled :

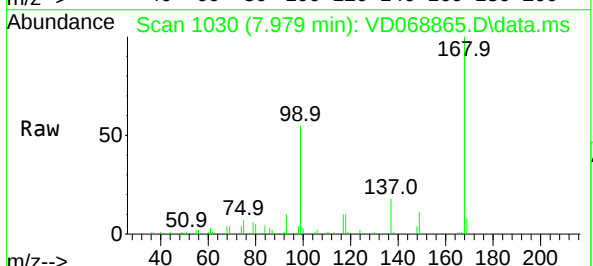


Tgt Ion: 75	Resp: 16094
Ion Ratio	Lower Upper
75 100	
110 8.4	18.1 54.4#
77 0.0	24.7 37.1#

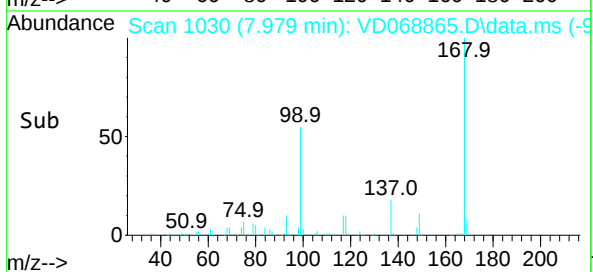
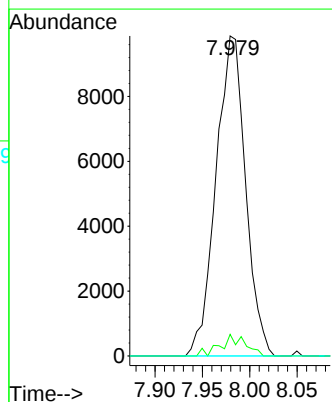


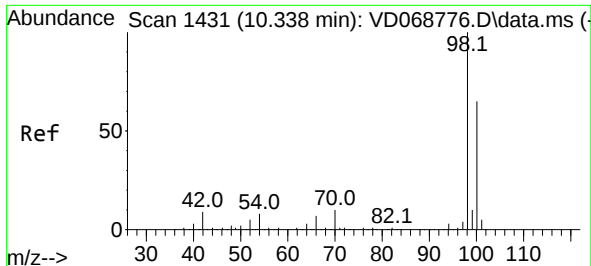
#38

Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32



Tgt Ion: 117	Resp: 21441
Ion Ratio	Lower Upper
117 100	
119 6.8	76.6 115.0#
121 0.0	26.1 39.1#

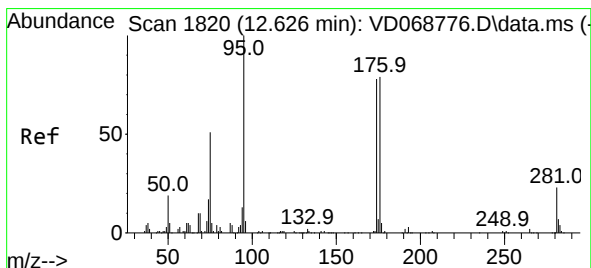
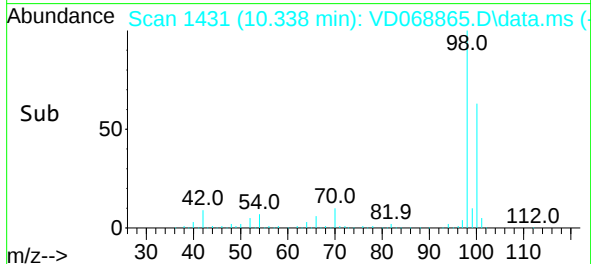
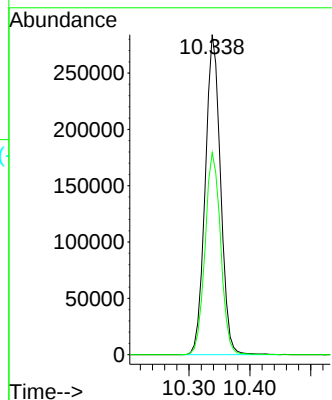
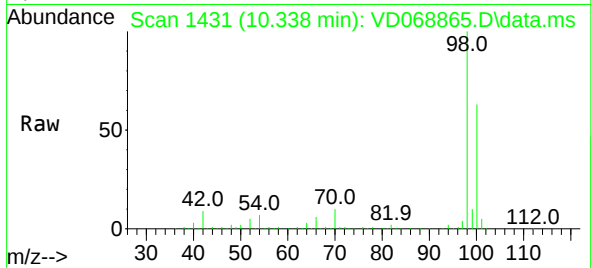




#50
Toluene-d8
Concen: 52.18 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

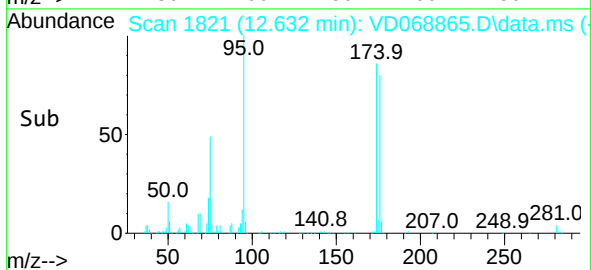
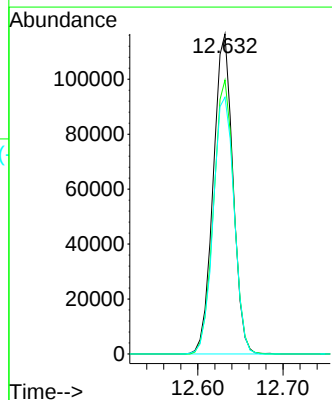
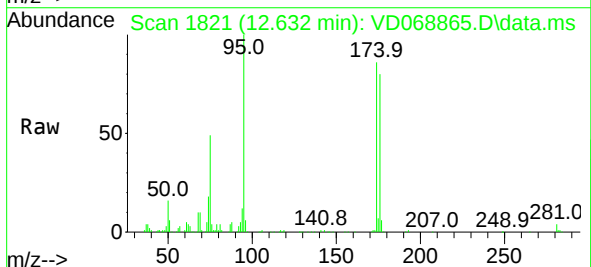
Instrument :
MSVOA_D
ClientSampled :

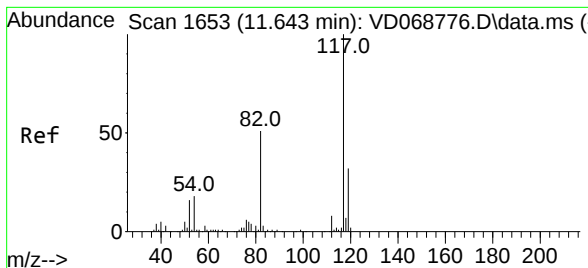
Tgt Ion: 98 Resp: 495193
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion: 95 Resp: 186617
Ion Ratio Lower Upper
95 100
174 87.9 0.0 168.0
176 85.0 0.0 160.2

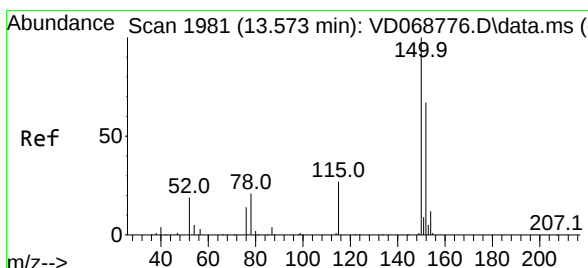
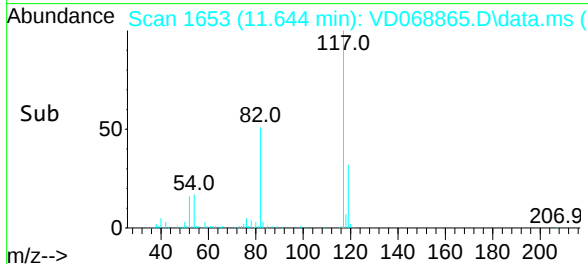
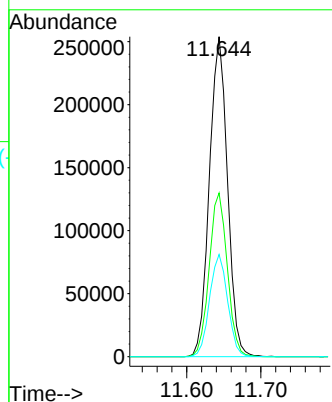
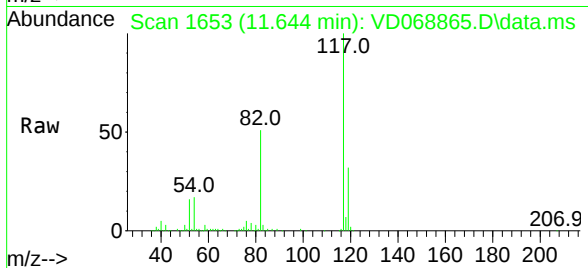




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

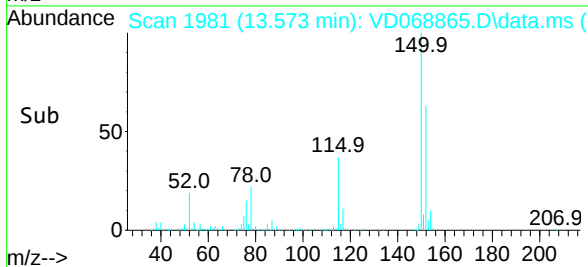
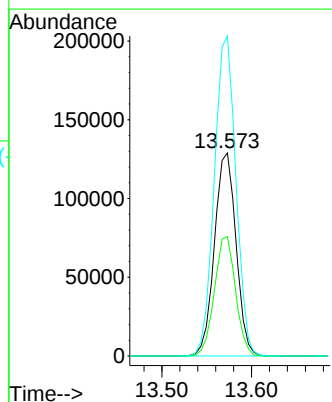
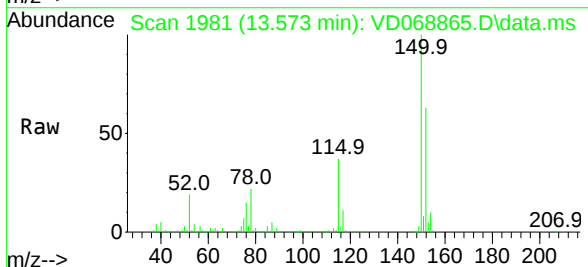
Instrument :
MSVOA_D
ClientSampleId :

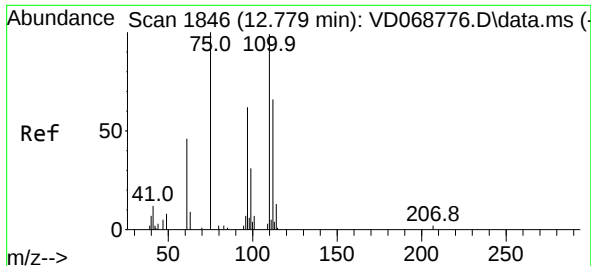
Tgt Ion:117 Resp: 430278
Ion Ratio Lower Upper
117 100
82 51.1 43.5 65.3
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion:152 Resp: 215229
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 157.4 0.0 347.6

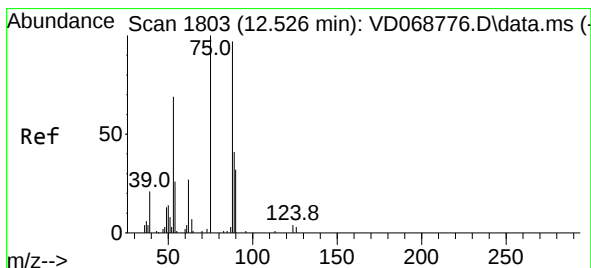
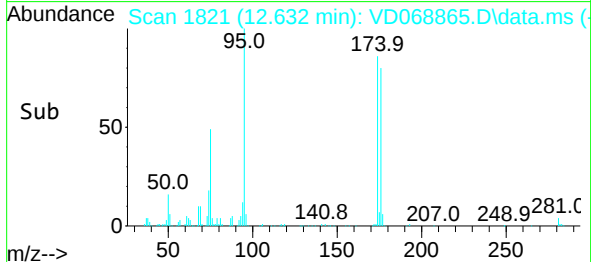
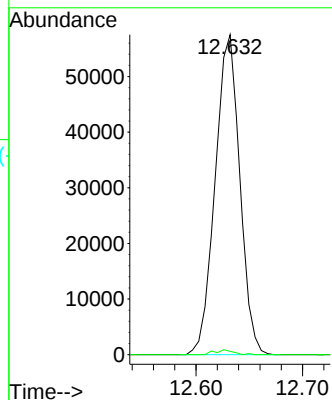
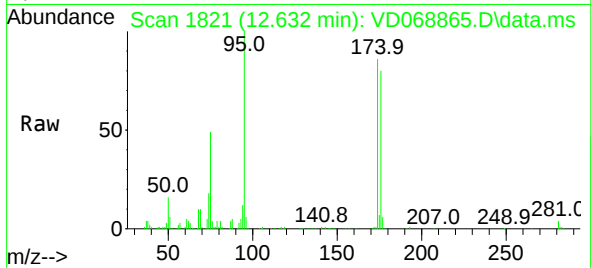




#76
1,2,3-Trichloropropane
Concen: 46.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 92265
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion: 75 Resp: 92265
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

