

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064026.D
 Acq On : 23 Oct 2019 17:43
 Operator : VA/SY
 Sample : K5497-12
 Misc : 6.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 167-58-(1)

Quant Time: Oct 24 06:51:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	69072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	132565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	145568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	71027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	51382	76.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	152.82%	
35) Dibromofluoromethane	7.93	113	47007	58.02	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	116.04%	
50) Toluene-d8	10.34	98	181523	55.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.40%	
62) 4-Bromofluorobenzene	12.64	95	57564	50.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.76%	

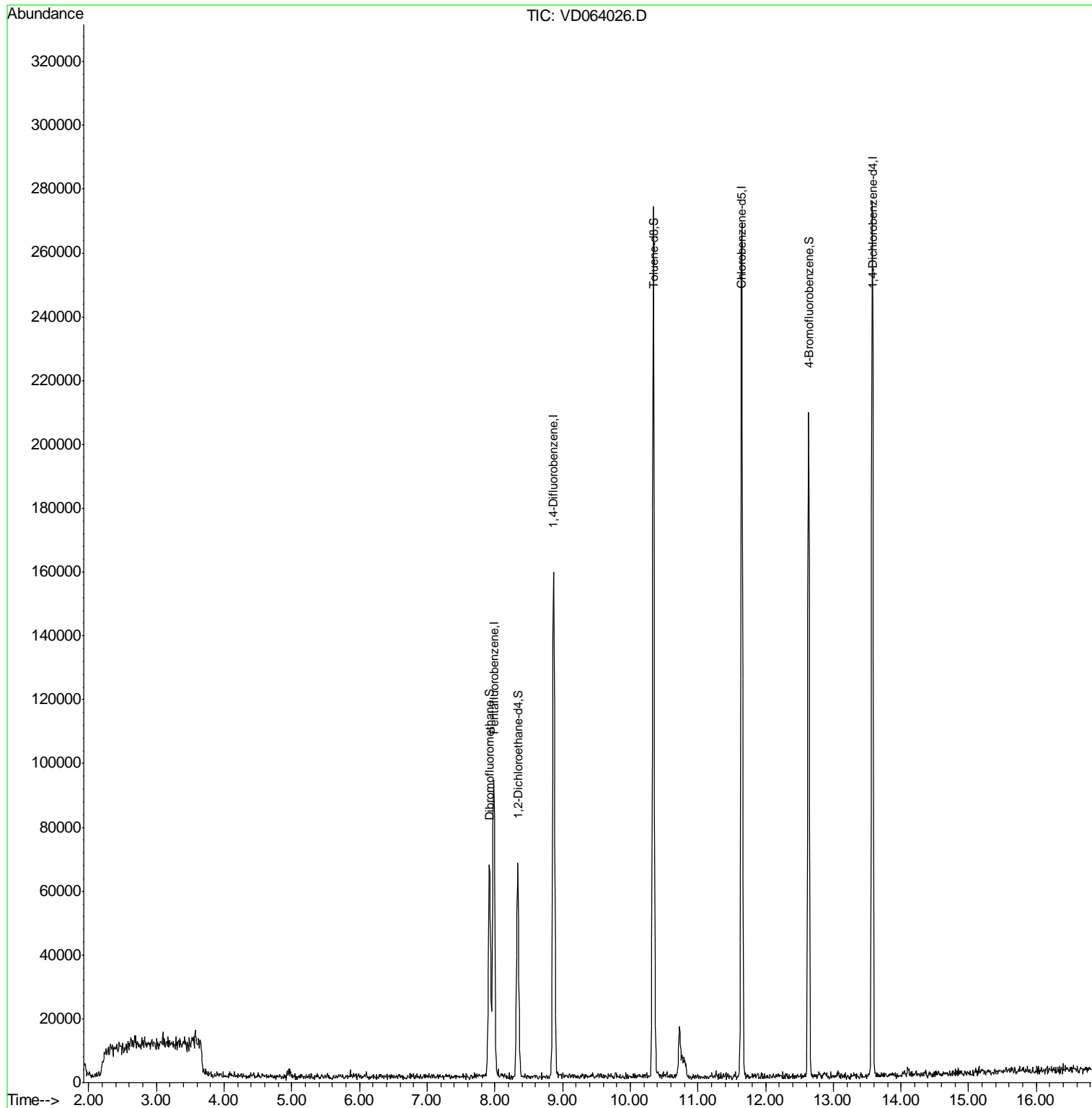
Target Compounds Qvalue

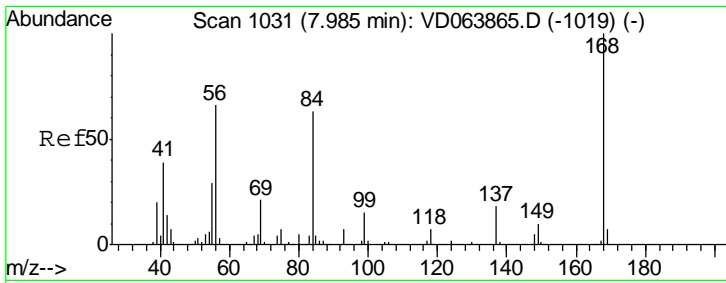
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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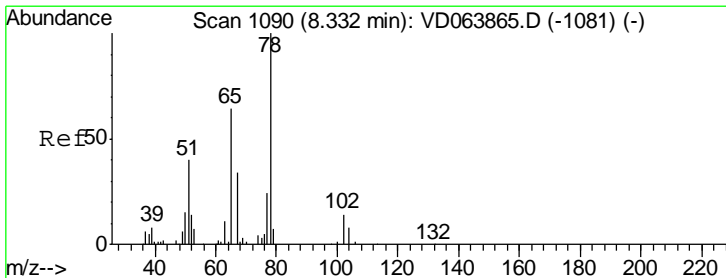
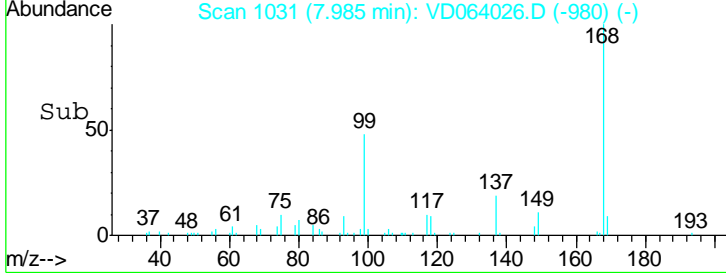
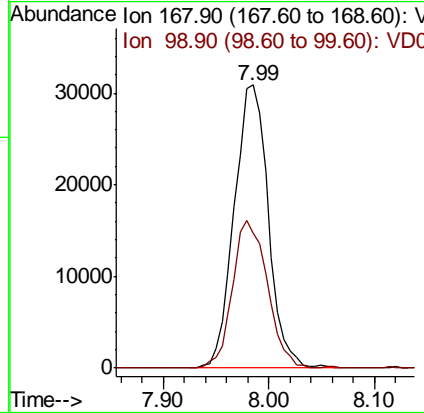
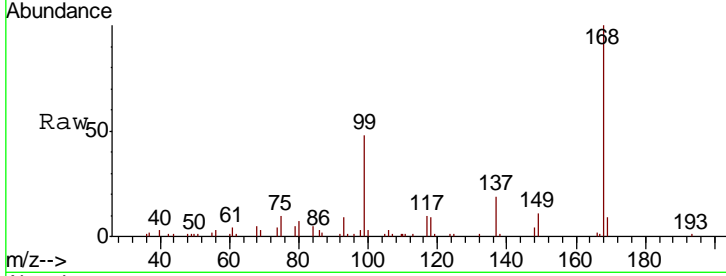




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VD064026.D
 Acq: 23 Oct 2019 17:43

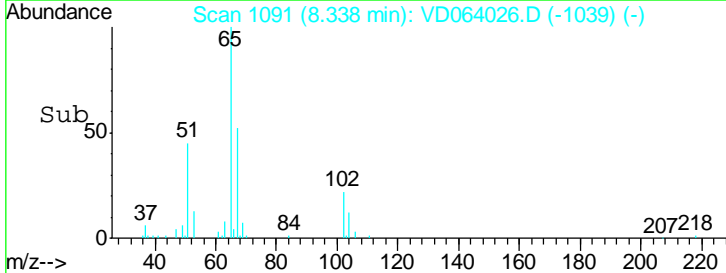
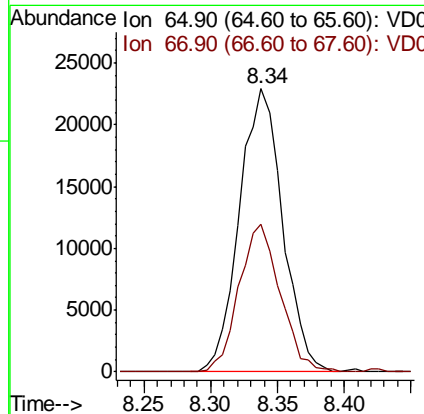
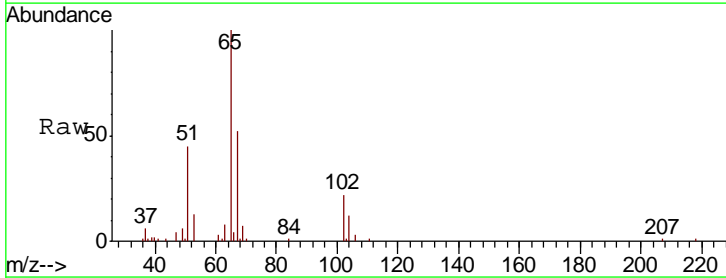
Instrument : MSVOA_D
 ClientSampled : 167-58-(1)

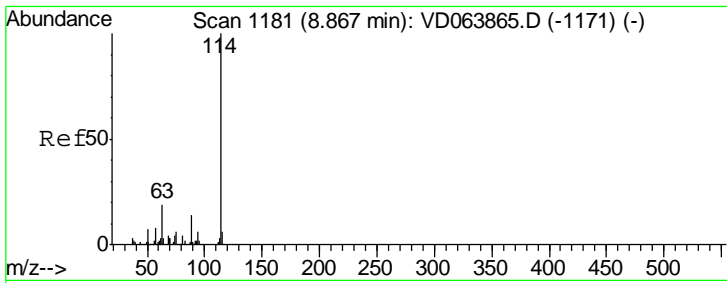
Tgt Ion	Resp	Lower	Upper
168	100		
99	47.6	43.0	64.4



#33
 1,2-Dichloroethane-d4
 Concen: 76.408 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064026.D
 Acq: 23 Oct 2019 17:43

Tgt Ion	Resp	Lower	Upper
65	100		
67	49.7	0.0	106.4

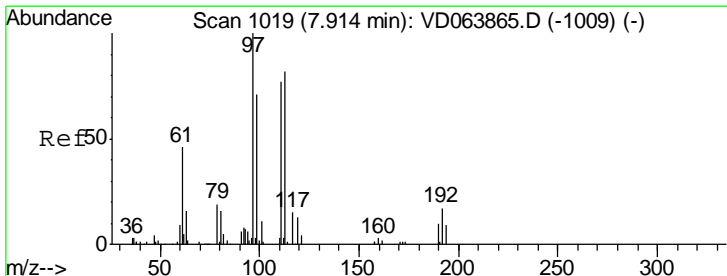
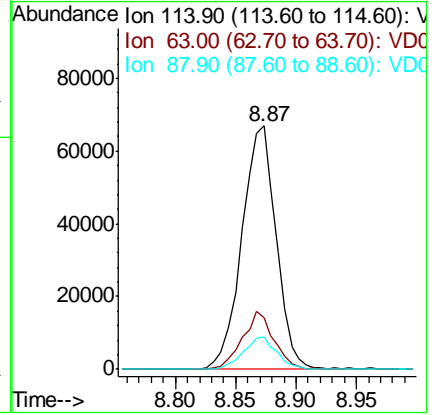
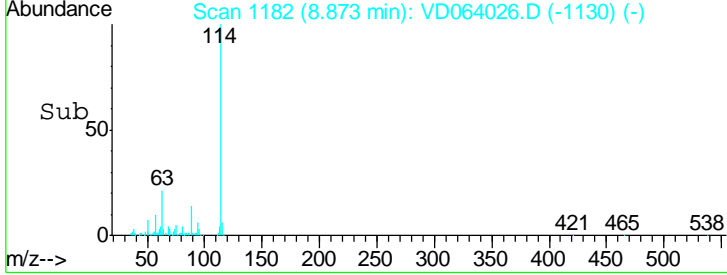
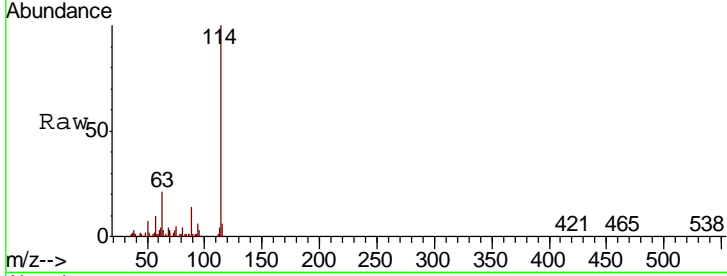




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD064026.D
 Acq: 23 Oct 2019 17:43

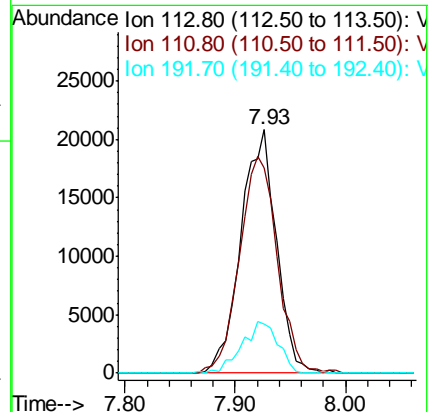
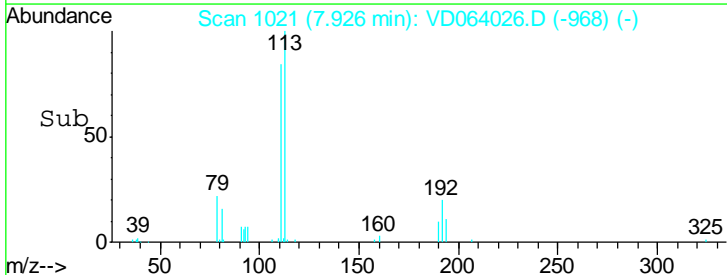
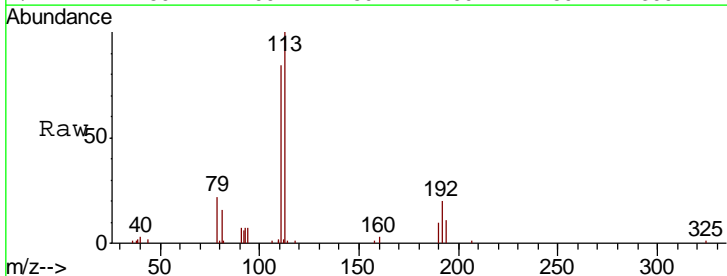
Instrument : MSVOA_D
 ClientSampled : 167-58-(1)

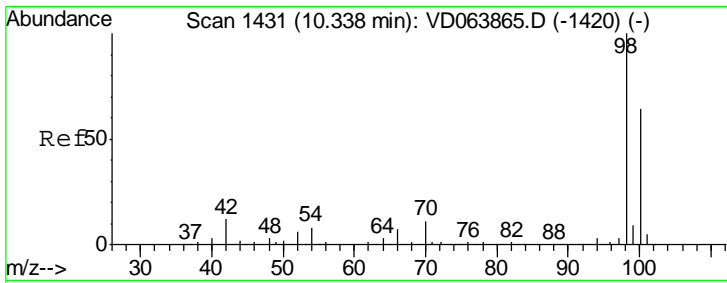
Tgt Ion	Resp	Lower	Upper
114	100		
63	21.1	0.0	38.4
88	13.5	0.0	27.4



#35
 Dibromofluoromethane
 Concen: 58.023 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD064026.D
 Acq: 23 Oct 2019 17:43

Tgt Ion	Resp	Lower	Upper
113	100		
111	94.9	82.6	123.8
192	21.5	17.1	25.7

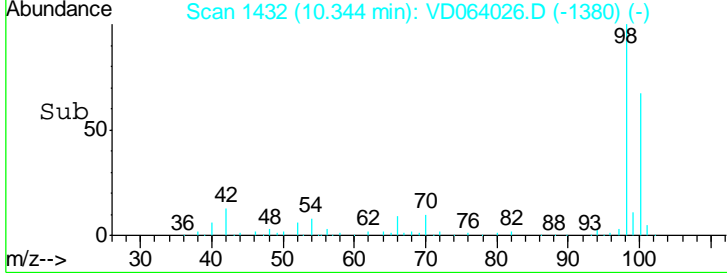
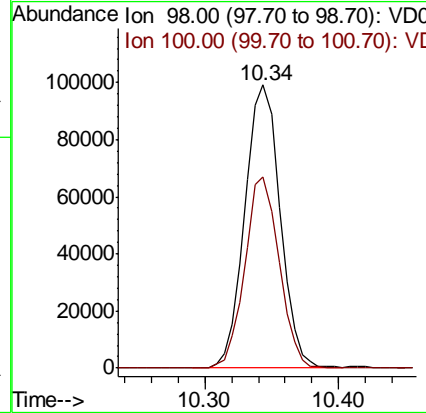
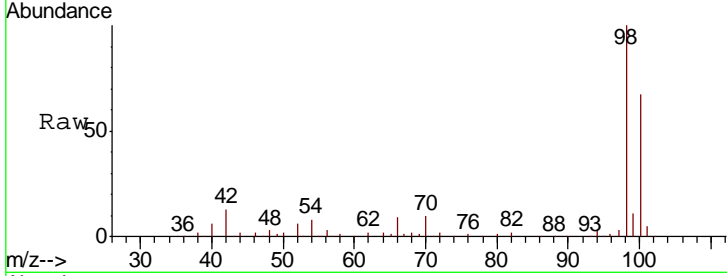




#50
 Toluene-d8
 Concen: 55.203 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064026.D
 Acq: 23 Oct 2019 17:43

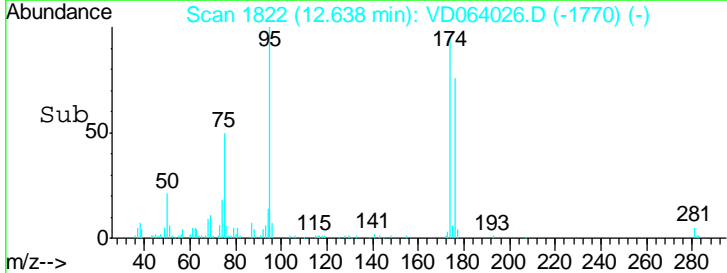
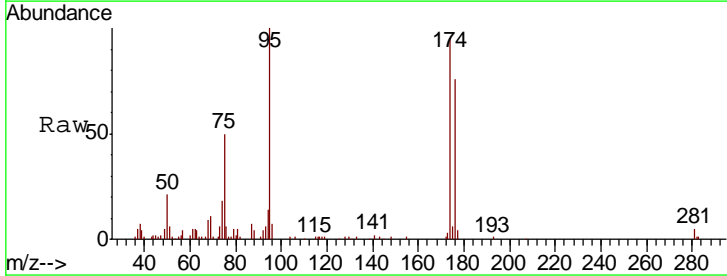
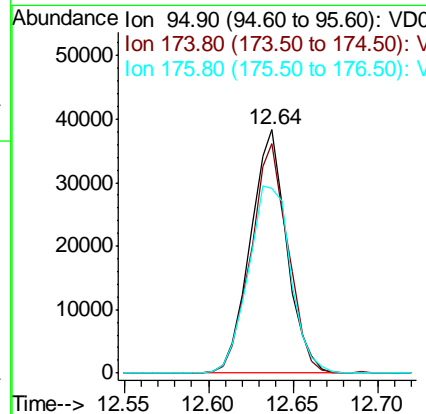
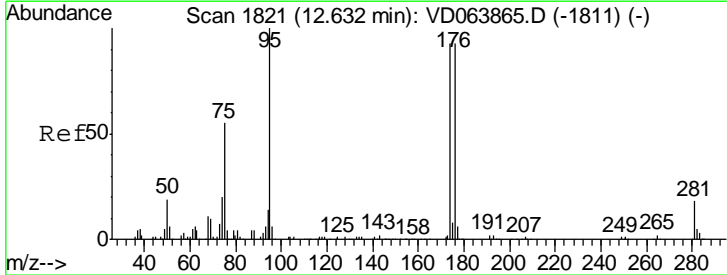
Instrument :
 MSVOA_D
 ClientSampled :
 167-58-(1)

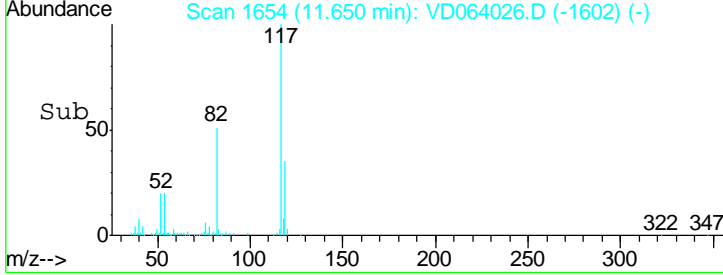
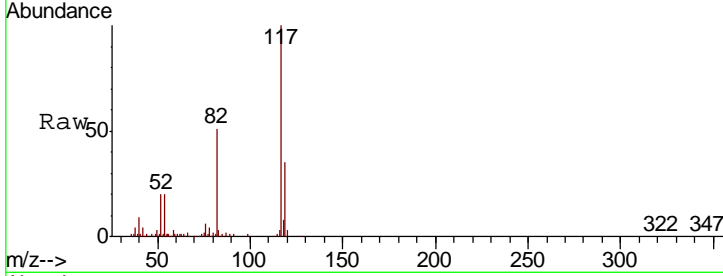
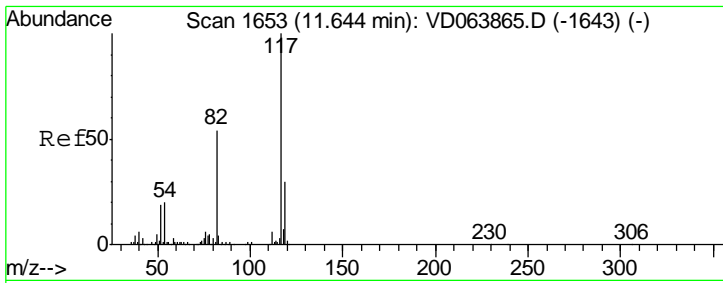
Tgt Ion: 98 Resp: 181523
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.1 78.1



#62
 4-Bromofluorobenzene
 Concen: 50.377 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD064026.D
 Acq: 23 Oct 2019 17:43

Tgt Ion: 95 Resp: 57564
 Ion Ratio Lower Upper
 95 100
 174 96.1 0.0 186.4
 176 89.6 0.0 184.2

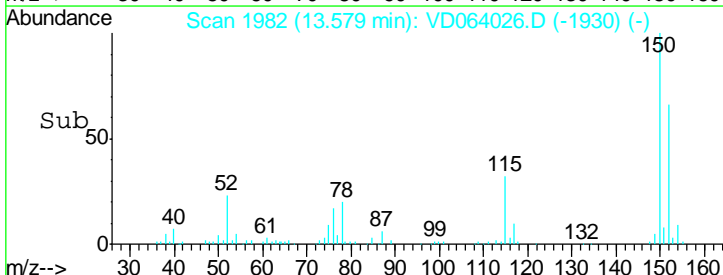
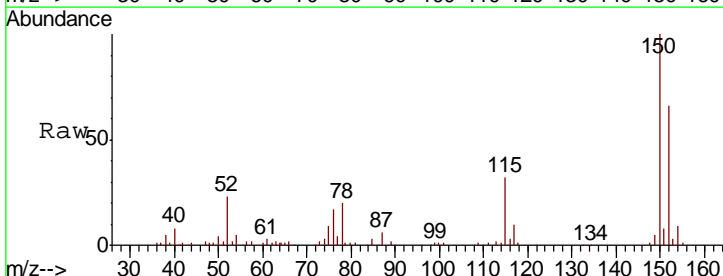
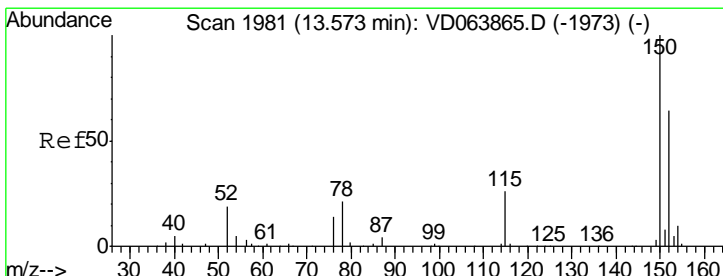
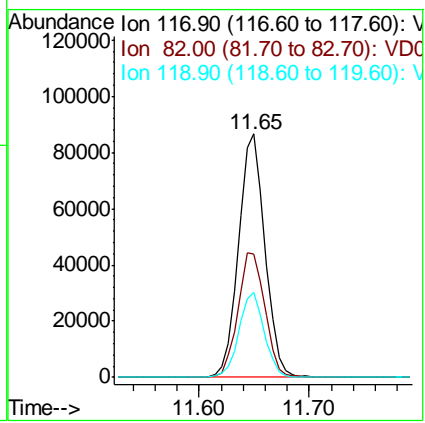




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: VD064026.D
 Acq: 23 Oct 2019 17:43

Instrument : MSVOA_D
 Client Sampled : 167-58-(1)

Tgt Ion	Resp	Lower	Upper
117	145568		
82	50.8	42.8	64.2
119	34.5	24.4	36.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: VD064026.D
 Acq: 23 Oct 2019 17:43

Tgt Ion	Resp	Lower	Upper
152	71027		
115	54.5	25.9	77.7
150	156.5	0.0	344.2

