

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061373.D
 Acq On : 28 Mar 2019 2:42
 Operator : VA/AP
 Sample : K2097-01
 Misc : 3.37g/5ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-20

Quant Time: Mar 28 05:57:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

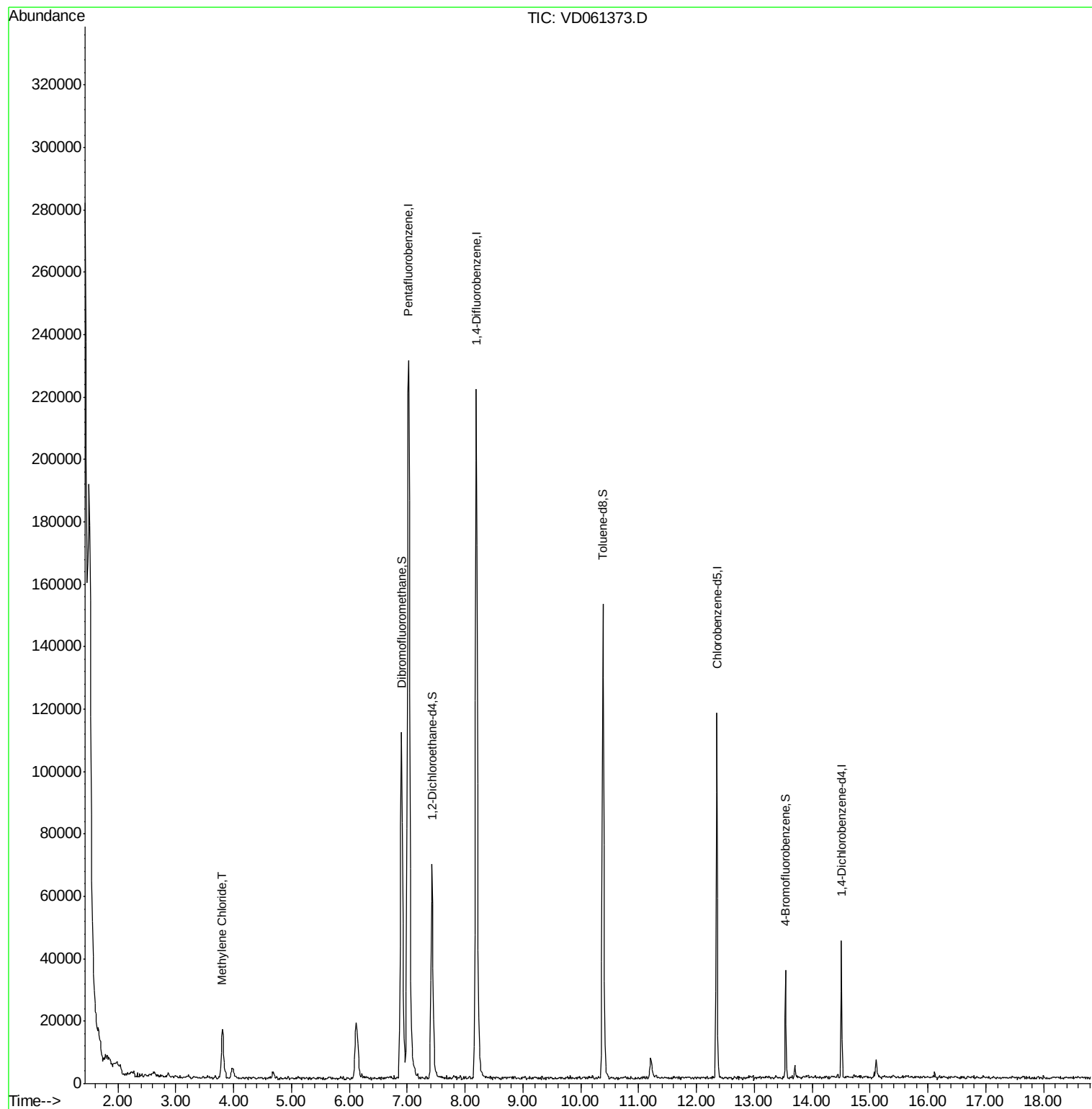
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	256077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	280746	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	74466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	10694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	65859	30.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.22%	
35) Dibromofluoromethane	6.91	113	111090	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	10.38	98	132798	25.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.62%	
62) 4-Bromofluorobenzene	13.54	95	12320	6.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.48%	
Target Compounds						
20) Methylene Chloride	3.80	84	11795	1.897	ug/l	Qvalue 91

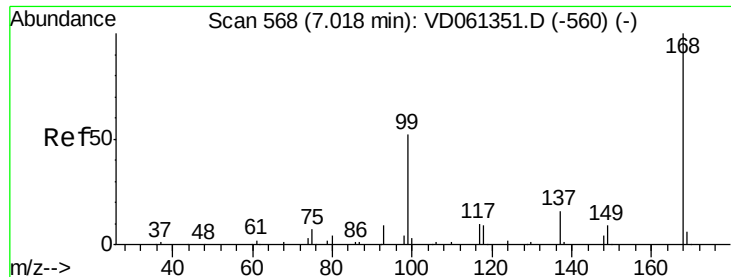
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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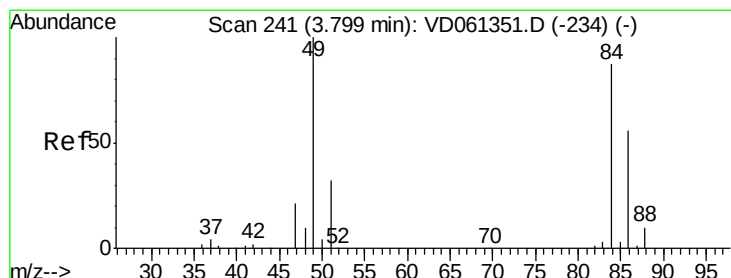
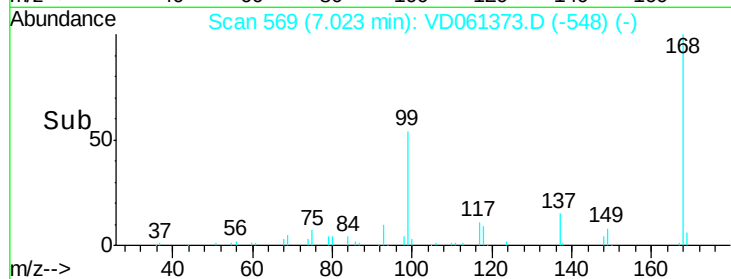
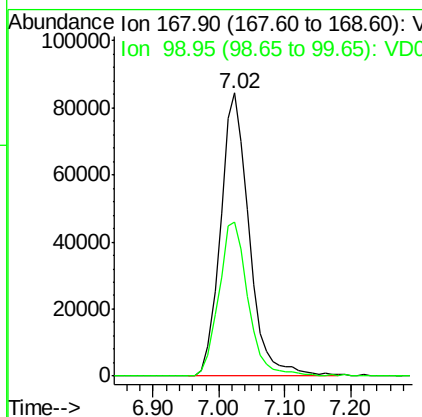
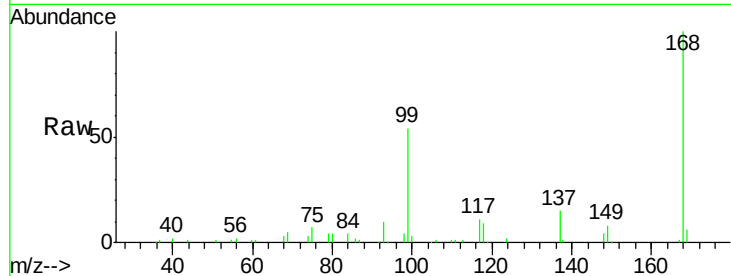




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.01 min
Lab File: VD061373.D
Acq: 28 Mar 2019 2:42

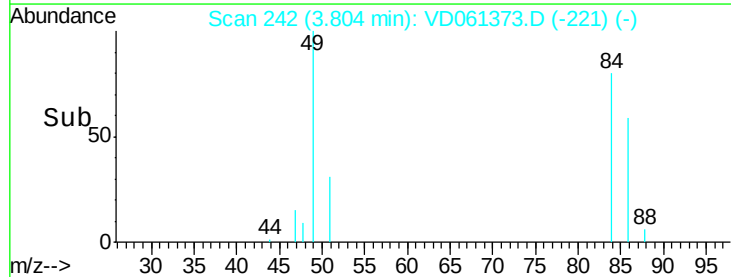
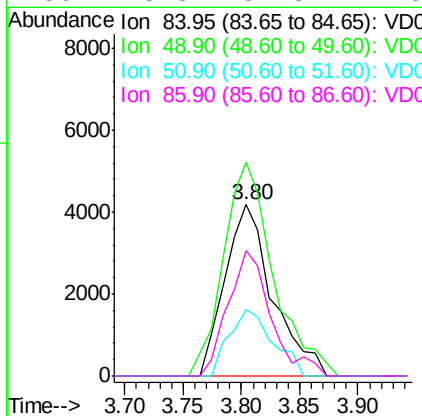
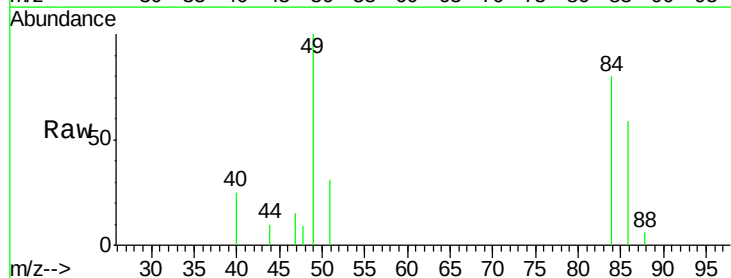
Instrument :
MSVOA_D
ClientSampleId :
CS-20

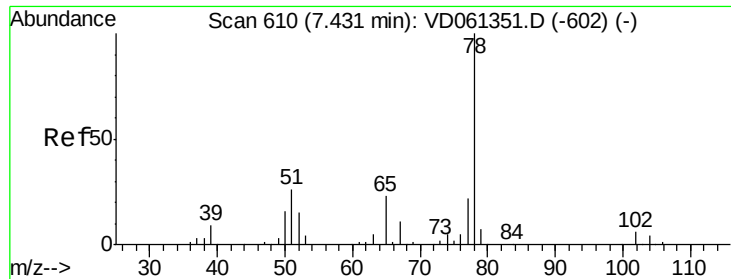
Tgt Ion: 168 Resp: 256077
Ion Ratio Lower Upper
168 100
99 54.3 43.1 64.7



#20
Methylene Chloride
Concen: 1.897 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061373.D
Acq: 28 Mar 2019 2:42

Tgt Ion: 84 Resp: 11795
Ion Ratio Lower Upper
84 100
49 124.7 91.8 137.8
51 38.8 29.8 44.8
86 73.3 51.8 77.6

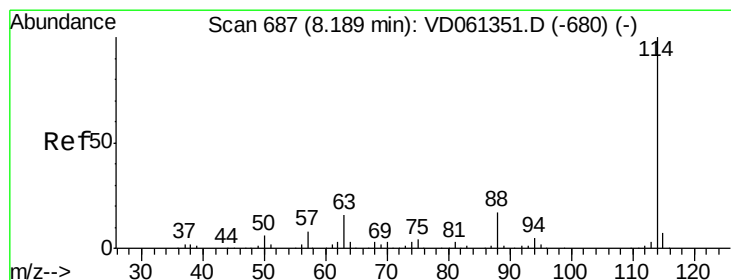
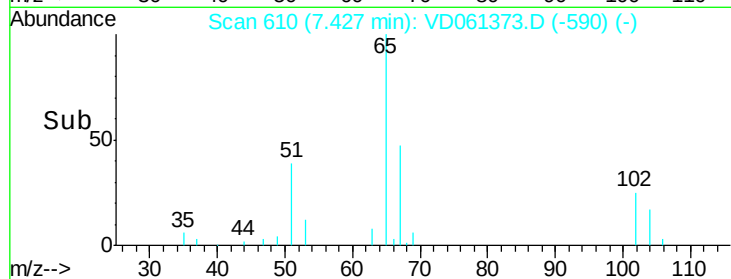
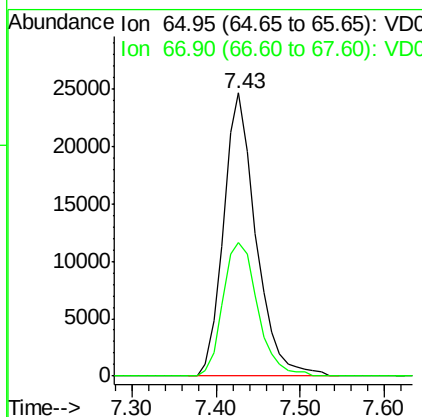
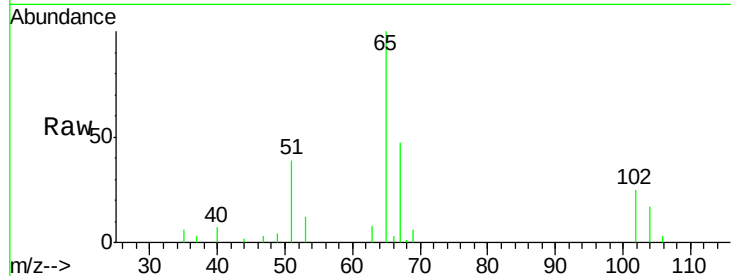




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VD061373.D
 Acq: 28 Mar 2019 2:42

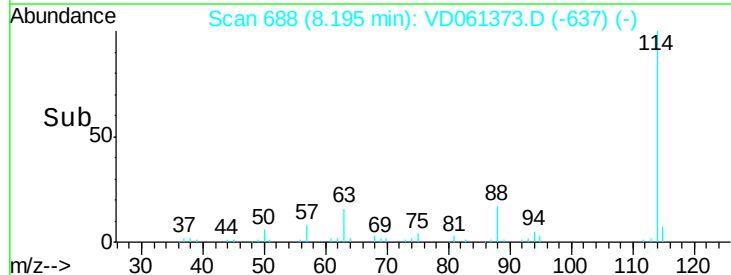
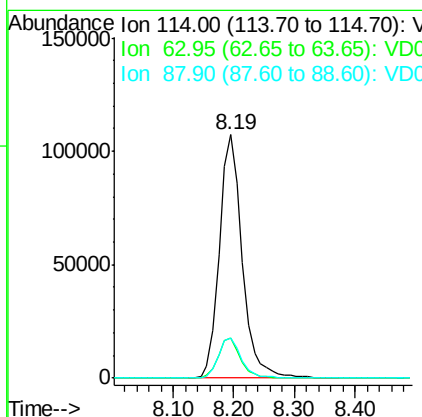
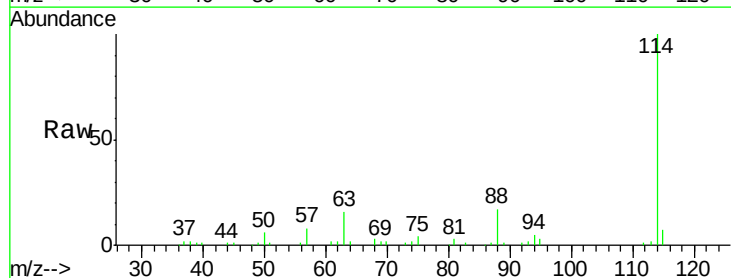
Instrument :
 MSVOA_D
 ClientSampled :
 CS-20

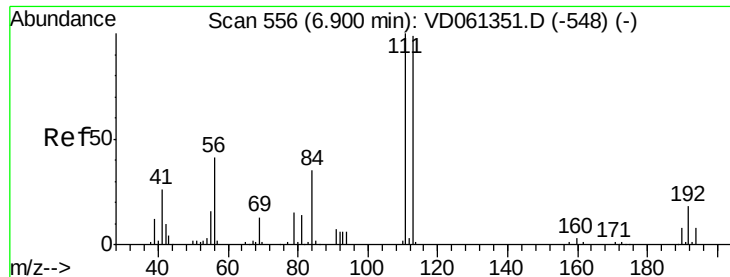
Tgt Ion: 65 Resp: 65859
 Ion Ratio Lower Upper
 65 100
 67 47.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061373.D
 Acq: 28 Mar 2019 2:42

Tgt Ion: 114 Resp: 280746
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.6
 88 16.6 0.0 33.4

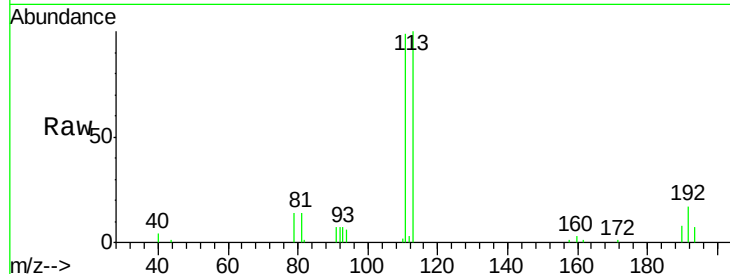




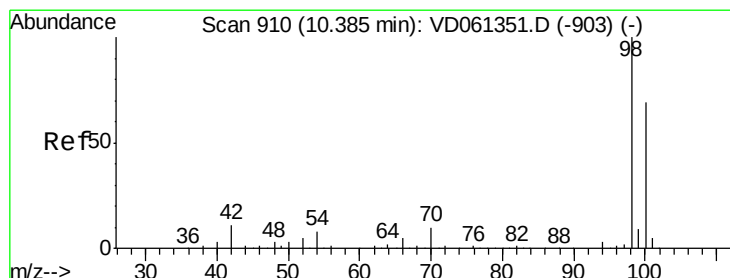
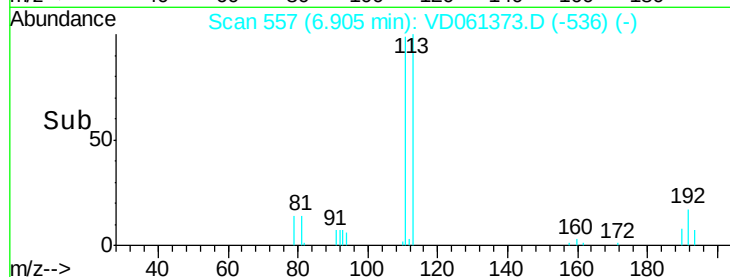
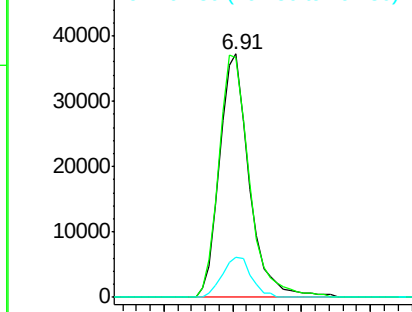
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061373.D
 Acq: 28 Mar 2019 2:42

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.7	81.0	121.6
192	16.5	14.4	21.6

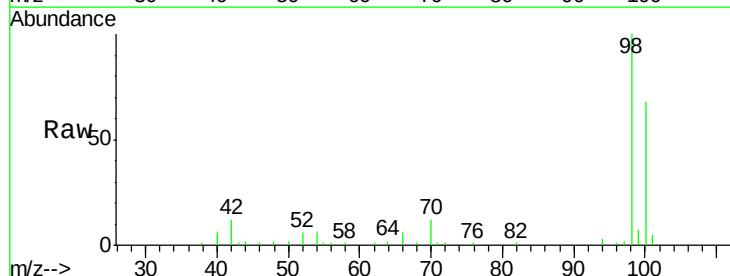


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

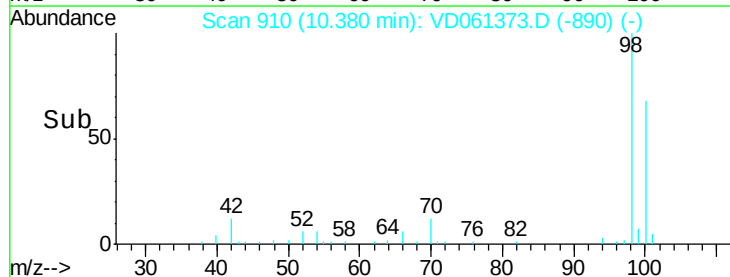
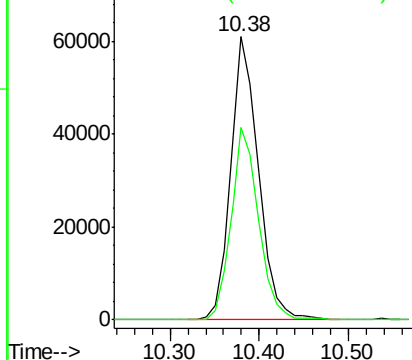


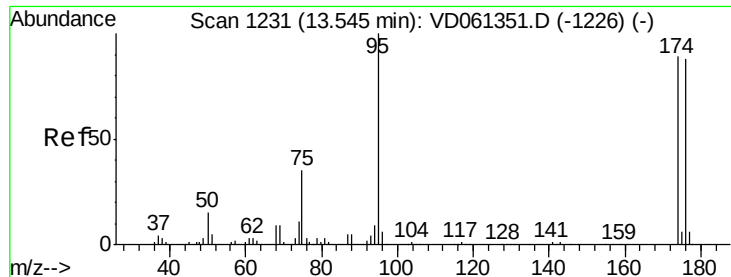
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.38 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VD061373.D
 Acq: 28 Mar 2019 2:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	56.2	84.2



Abundance Ion 98.05 (97.75 to 98.75): V
 Ion 100.05 (99.75 to 100.75): V

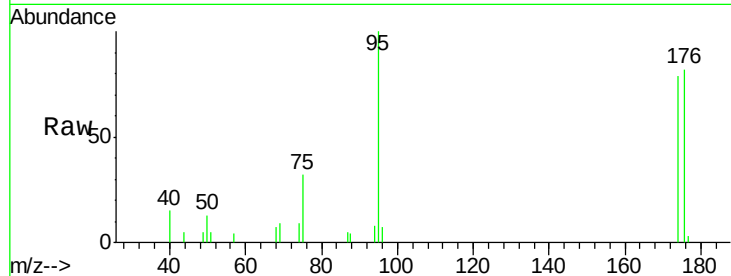




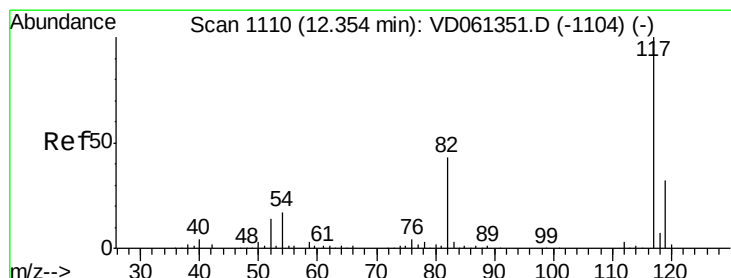
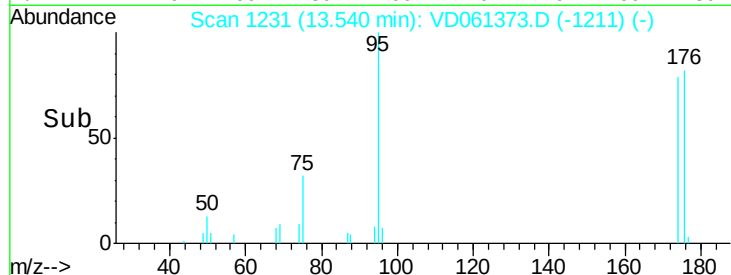
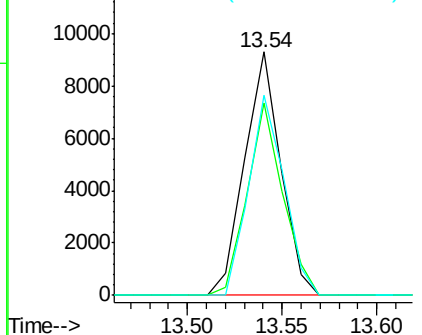
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061373.D
Acq: 28 Mar 2019 2:42

Instrument :
MSVOA_D
ClientSampleId :
CS-20

Tgt Ion: 95 Resp: 12320
Ion Ratio Lower Upper
95 100
174 78.9 0.0 178.0
176 82.3 0.0 175.0

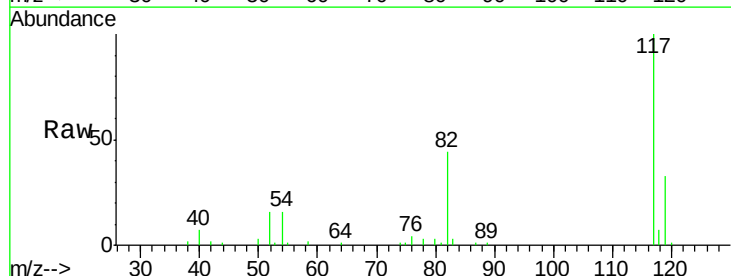


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

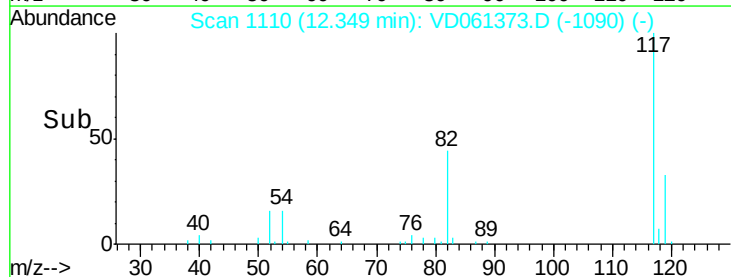
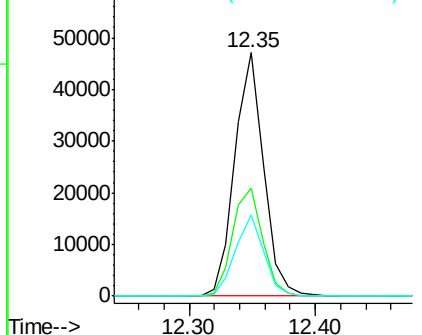


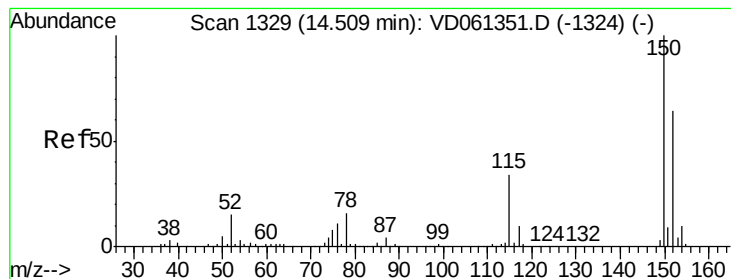
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061373.D
Acq: 28 Mar 2019 2:42

Tgt Ion: 117 Resp: 74466
Ion Ratio Lower Upper
117 100
82 44.1 34.4 51.6
119 33.2 25.8 38.6



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD061373.D

Acq: 28 Mar 2019 2:42

Instrument :

MSVOA_D

ClientSampleId :

CS-20

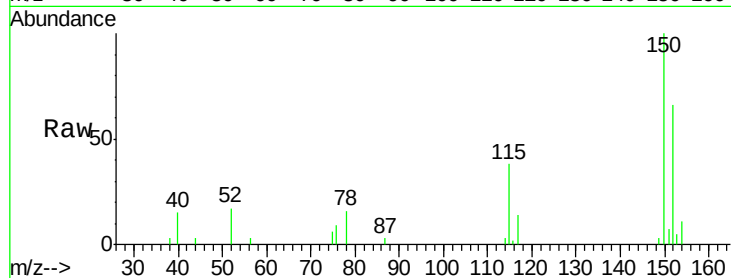
Tgt Ion:152 Resp: 10694

Ion Ratio Lower Upper

152 100

115 61.3 26.9 80.6

150 151.7 0.0 318.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

