

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061363.D
 Acq On : 27 Mar 2019 19:47
 Operator : VA/AP
 Sample : K2086-06RE
 Misc : 5.04g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-16RE

Quant Time: Apr 01 17:44:02 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

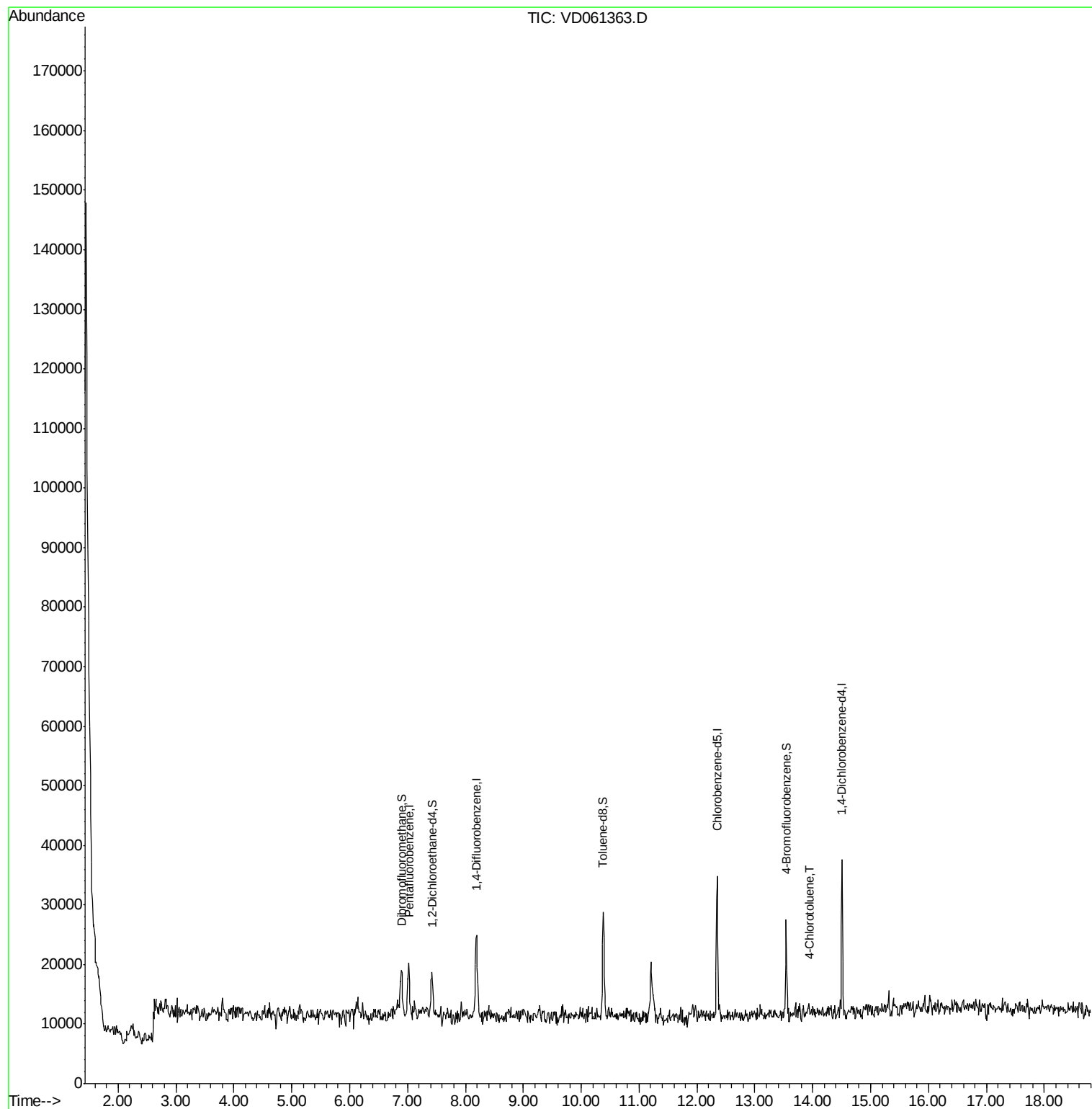
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	11155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	22909	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	17075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	6245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	7597	79.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	159.44%	
35) Dibromofluoromethane	6.88	113	8471	48.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	10.38	98	15680	37.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.68%	
62) 4-Bromofluorobenzene	13.54	95	6154	38.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.44%	
Target Compounds						
82) 4-Chlorotoluene	13.93	91	1103	3.512	ug/l	Qvalue 75

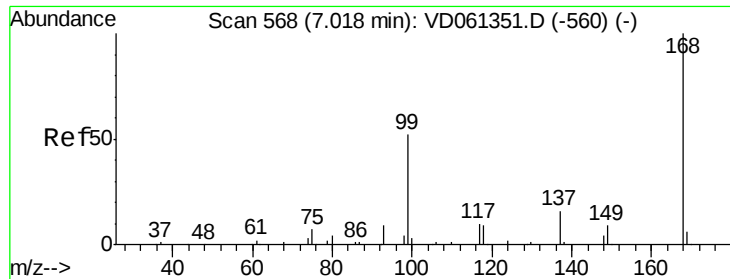
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061363.D

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MSVOA_D

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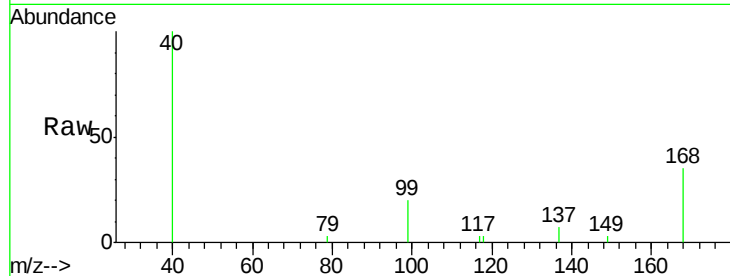
CS-16RE

Tgt Ion: 168 Resp: 11155

Ion Ratio Lower Upper

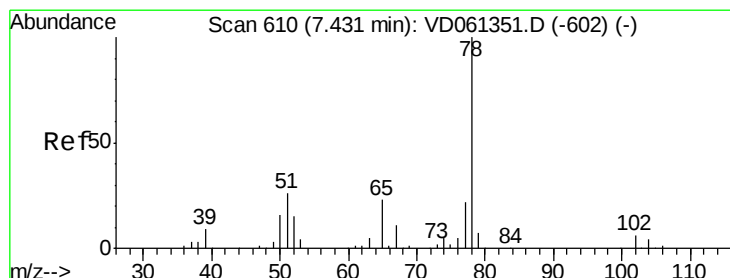
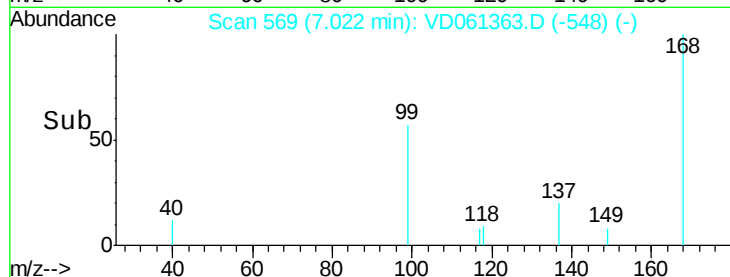
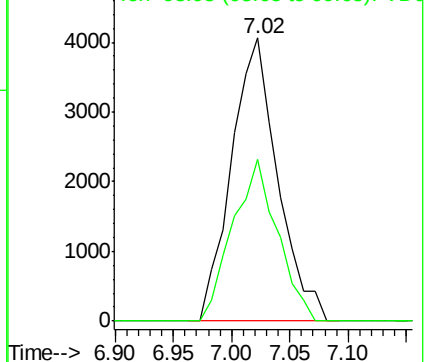
168 100

99 57.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061363.D

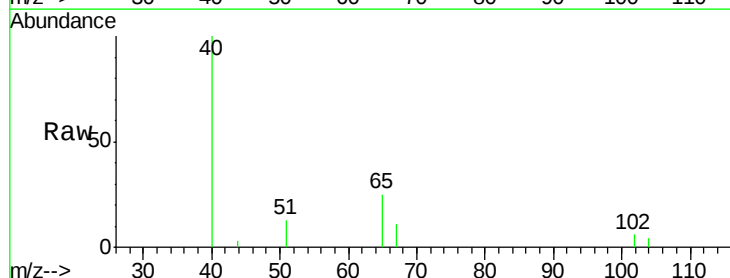
Acq: 27 Mar 2019 19:47

Tgt Ion: 65 Resp: 7597

Ion Ratio Lower Upper

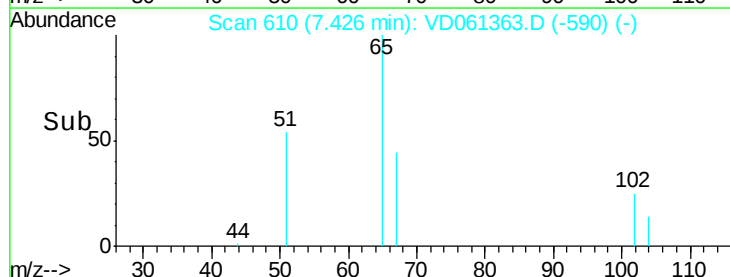
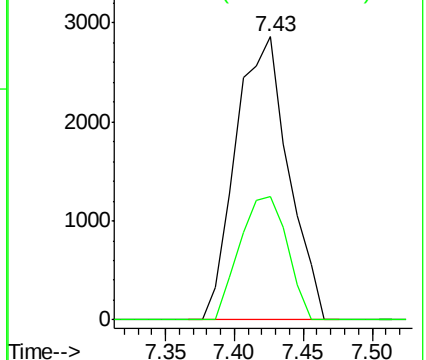
65 100

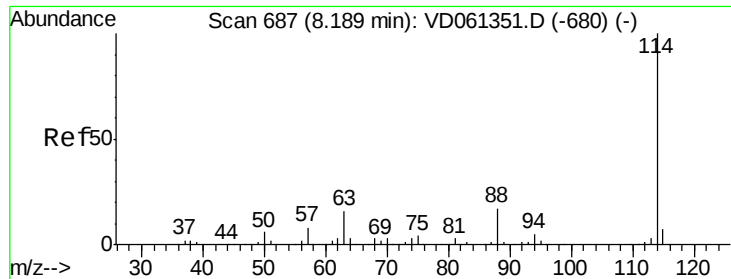
67 43.7 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

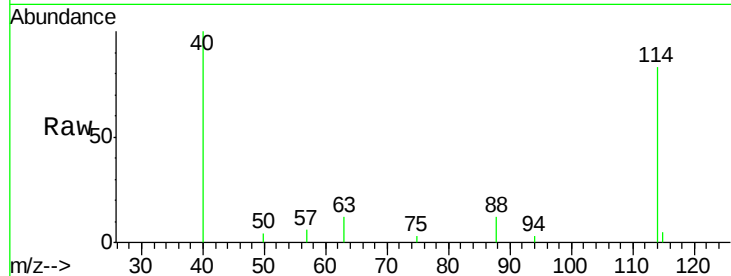




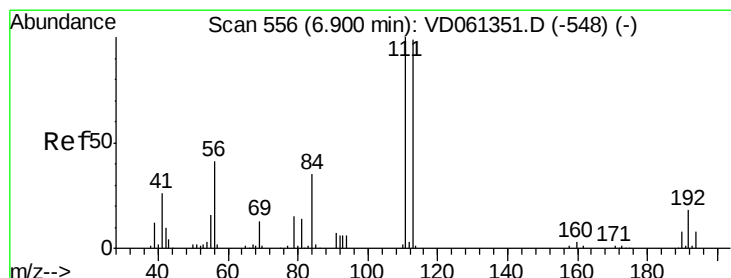
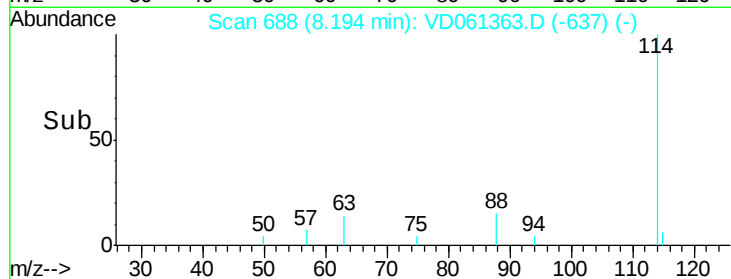
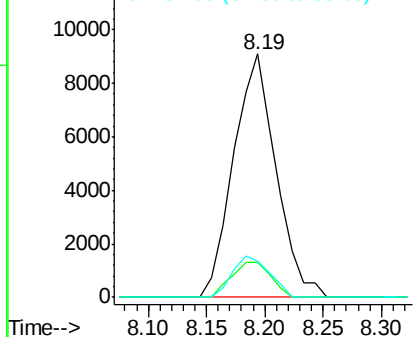
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD061363.D
 Acq: 27 Mar 2019 19:47

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-16RE

Tgt Ion:114 Resp: 22909
 Ion Ratio Lower Upper
 114 100
 63 14.4 0.0 31.6
 88 14.9 0.0 33.4

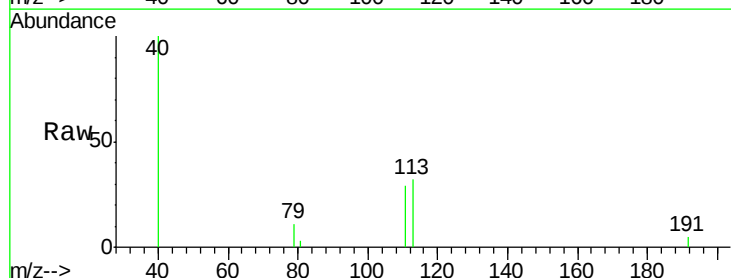


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

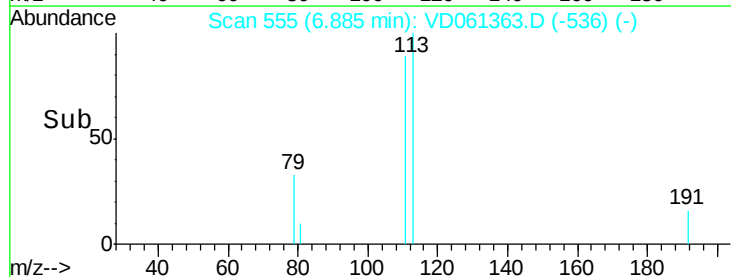
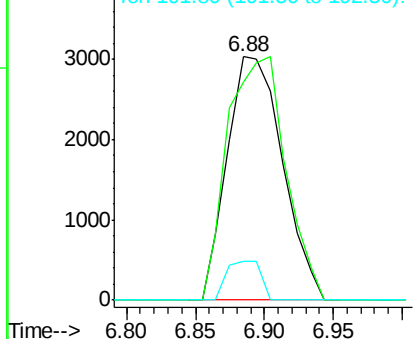


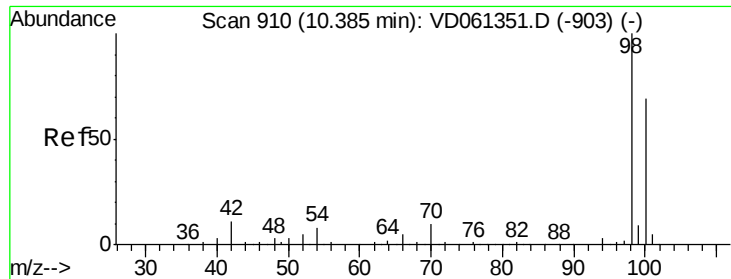
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.88 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: VD061363.D
 Acq: 27 Mar 2019 19:47

Tgt Ion:113 Resp: 8471
 Ion Ratio Lower Upper
 113 100
 111 89.5 81.0 121.6
 192 15.8 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

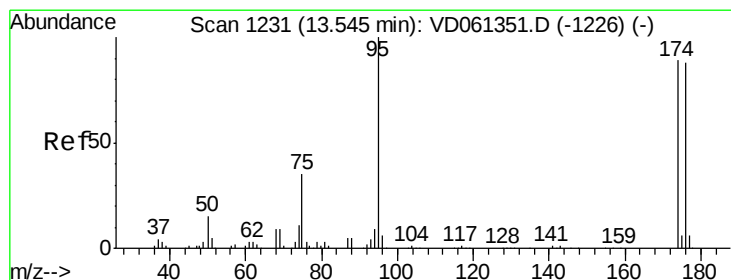
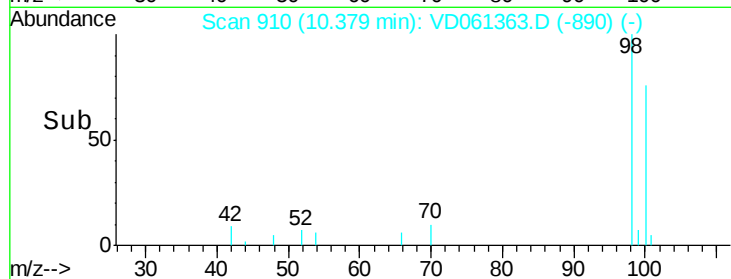
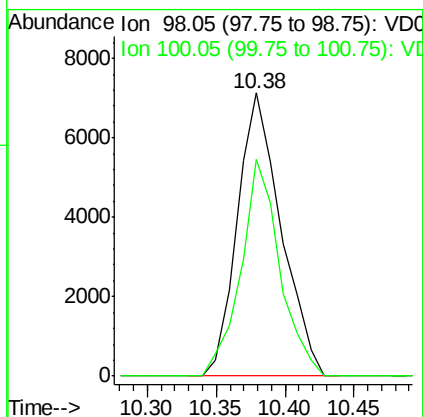
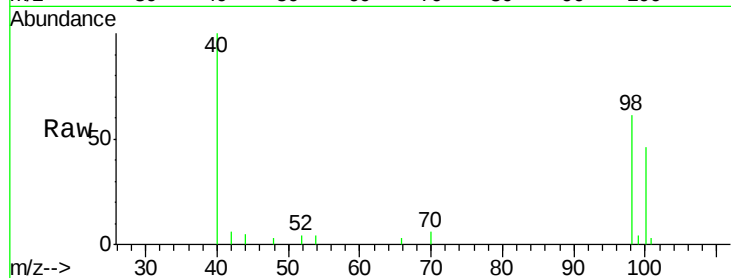




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.01 min
Lab File: VD061363.D
Acq: 27 Mar 2019 19:47

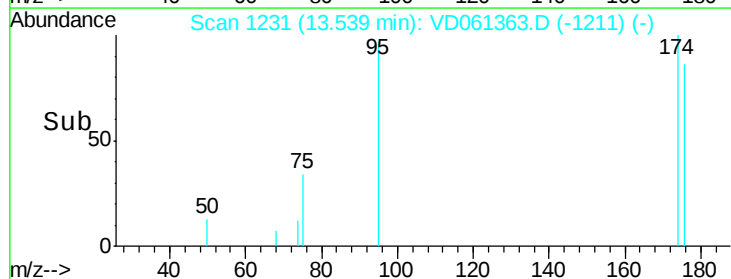
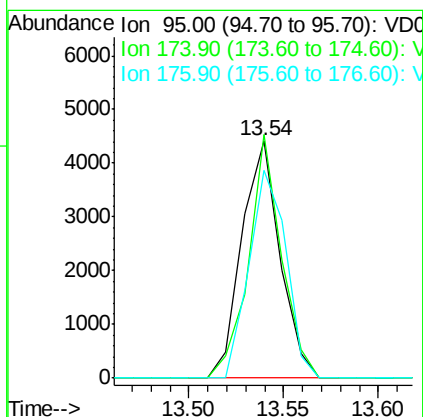
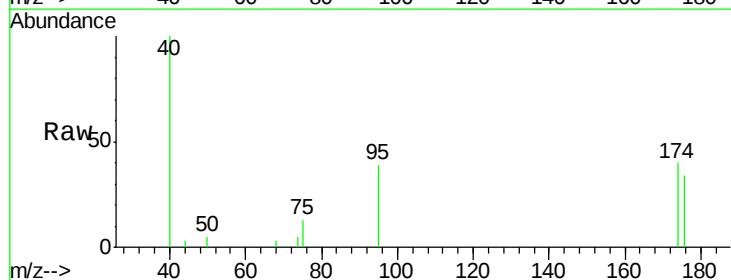
Instrument :
MSVOA_D
ClientSampleId :
CS-16RE

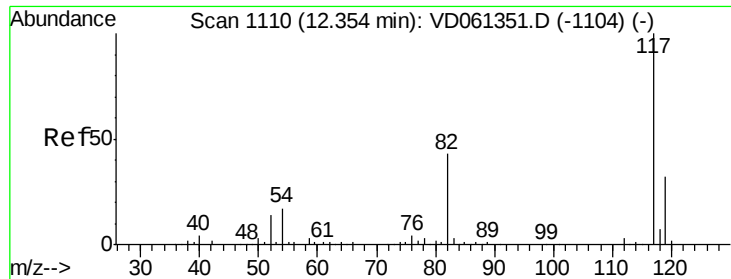
Tgt Ion: 98 Resp: 15680
Ion Ratio Lower Upper
98 100
100 76.4 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061363.D
Acq: 27 Mar 2019 19:47

Tgt Ion: 95 Resp: 6154
Ion Ratio Lower Upper
95 100
174 102.6 0.0 178.0
176 87.7 0.0 175.0

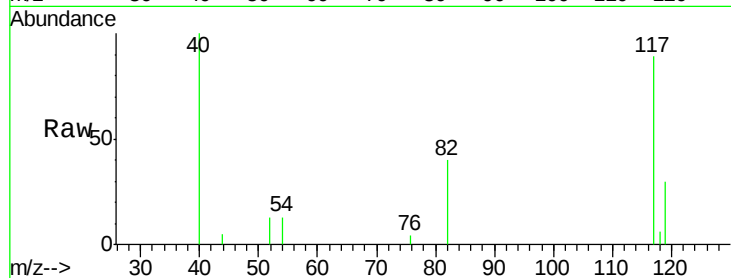




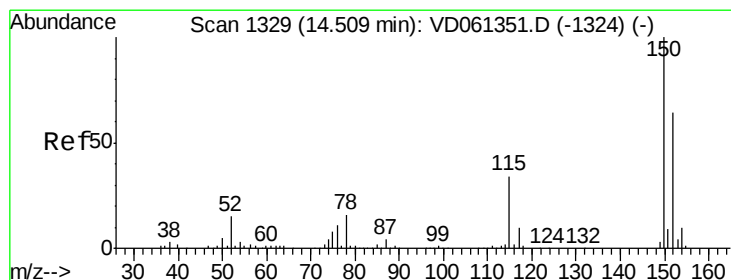
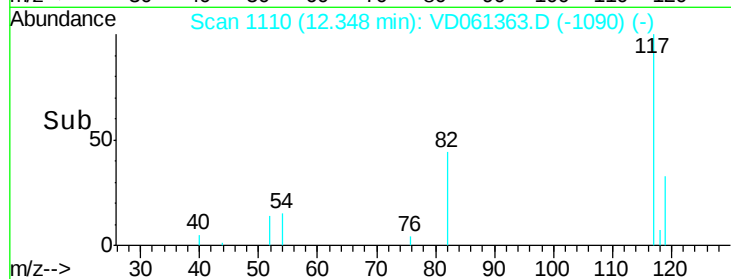
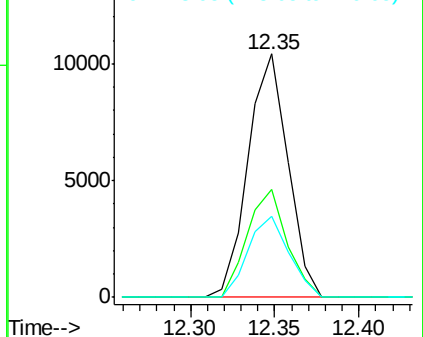
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: VD061363.D
 Acq: 27 Mar 2019 19:47

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-16RE

Tgt Ion:117 Resp: 17075
 Ion Ratio Lower Upper
 117 100
 82 44.5 34.4 51.6
 119 33.1 25.8 38.6

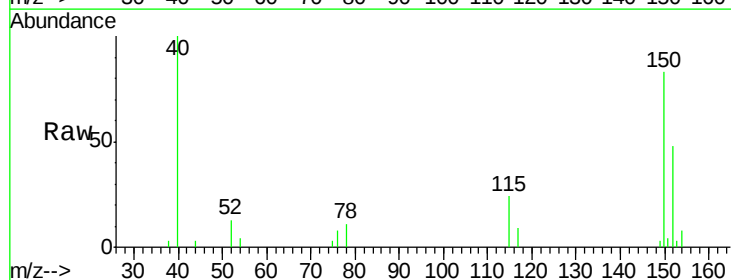


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

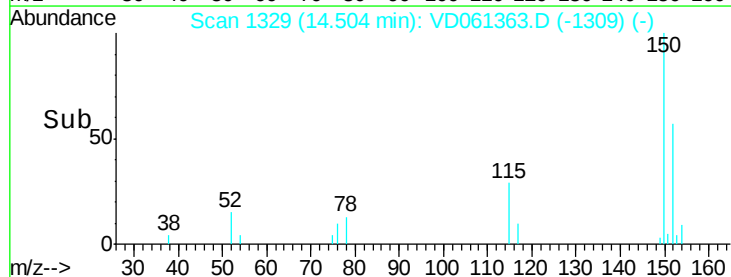
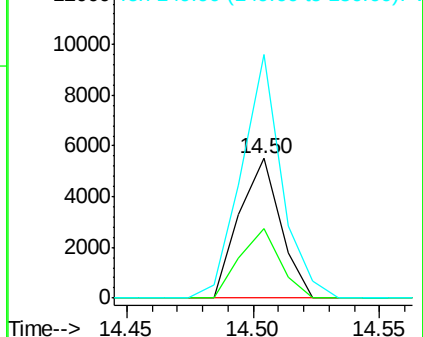


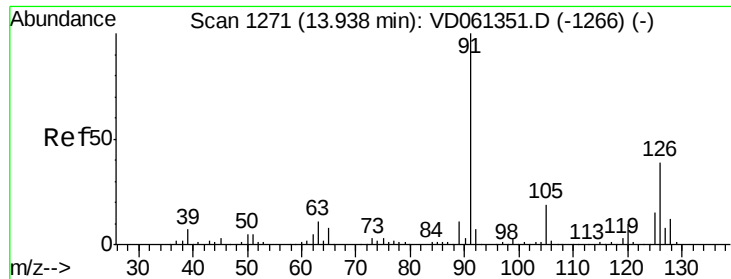
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061363.D
 Acq: 27 Mar 2019 19:47

Tgt Ion:152 Resp: 6245
 Ion Ratio Lower Upper
 152 100
 115 49.8 26.9 80.6
 150 174.6 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





#82
 4-Chlorotoluene
 Concen: 3.512 ug/l
 RT: 13.93 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: VD061363.D
 Acq: 27 Mar 2019 19:47

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-16RE

Tgt Ion: 91 Resp: 1103
 Ion Ratio Lower Upper
 91 100
 126 54.8 19.6 58.8

