

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061376.D
 Acq On : 28 Mar 2019 4:06
 Operator : VA/AP
 Sample : K2097-04
 Misc : 5.37g/5ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-19

Quant Time: Mar 28 08:53:40 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

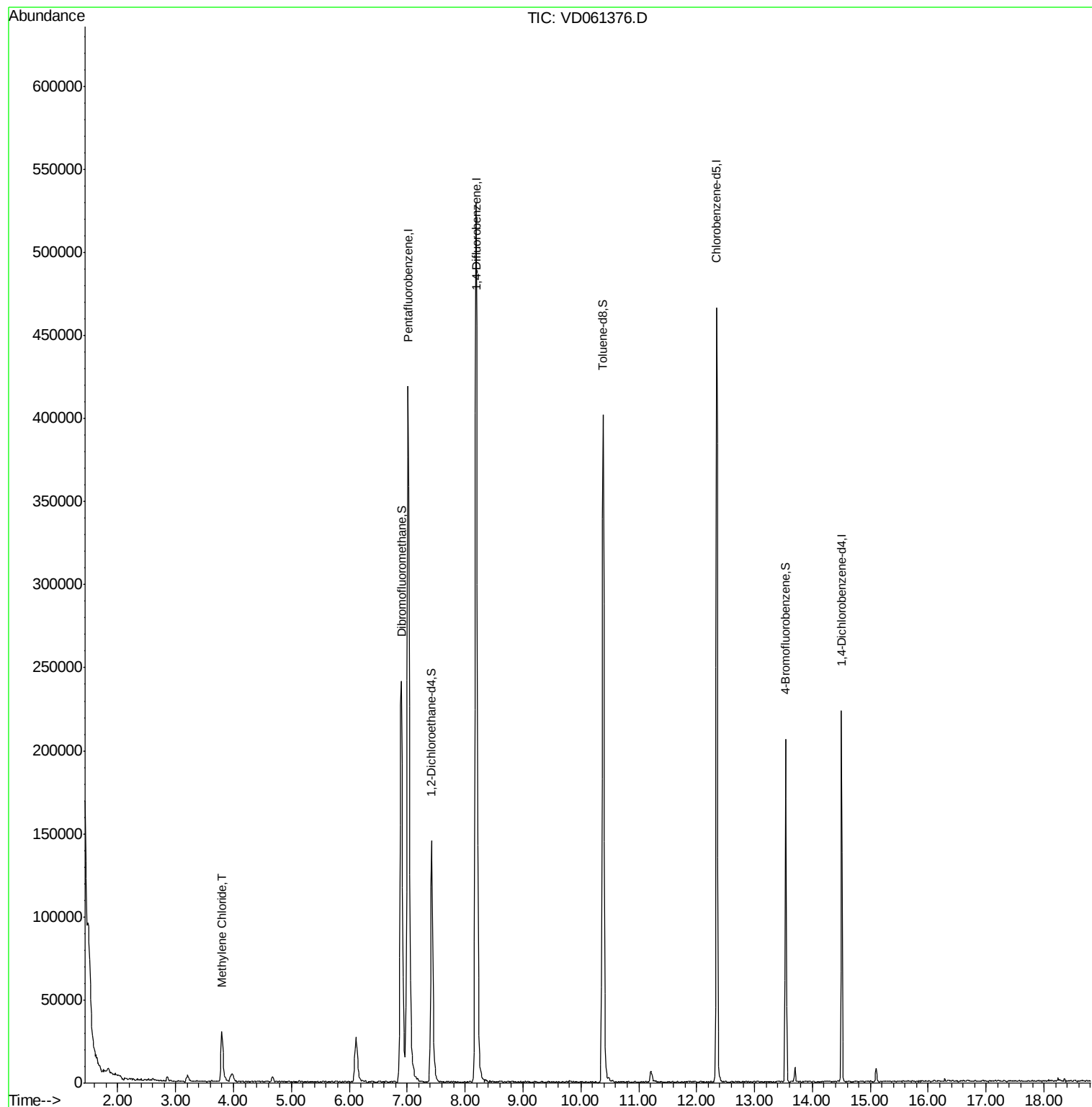
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	444261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	671614	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.34	117	300288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	50240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	145916	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.90%	
35) Dibromofluoromethane	6.90	113	233439	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
50) Toluene-d8	10.38	98	358793	29.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.30%	
62) 4-Bromofluorobenzene	13.54	95	68037	14.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	28.82%	
Target Compounds						
20) Methylene Chloride	3.79	84	25446	2.845	ug/l	Qvalue 94

(#) = 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# 568

Delta R.T. 0.00 min

Lab File: VD061376.D

Acq: 28 Mar 2019 4:06

Instrument :

MSVOA_D

ClientSampleId :

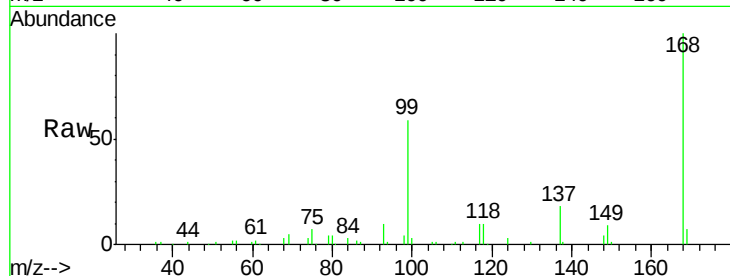
CS-19

Tgt Ion:168 Resp: 444261

Ion Ratio Lower Upper

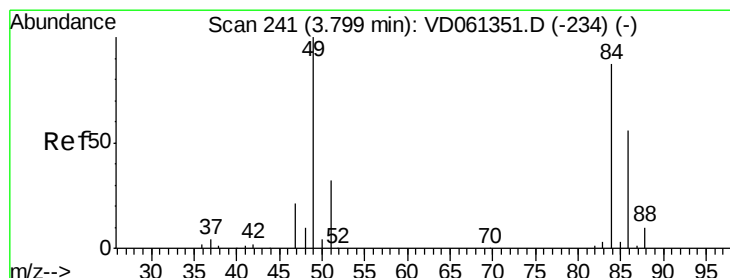
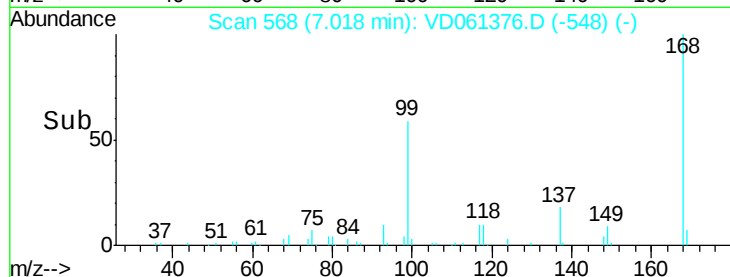
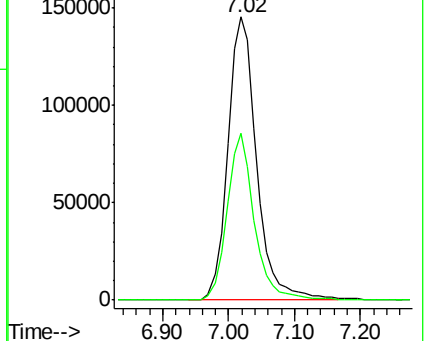
168 100

99 59.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.845 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD061376.D

Acq: 28 Mar 2019 4:06

Tgt Ion: 84 Resp: 25446

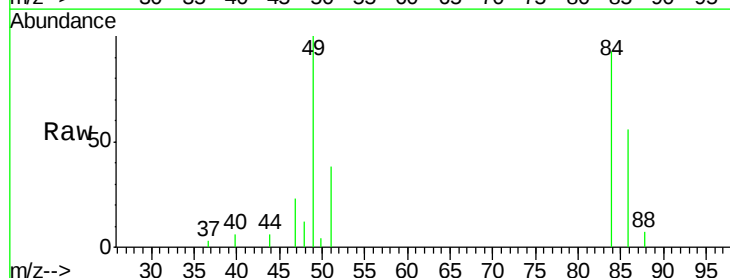
Ion Ratio Lower Upper

84 100

49 107.5 91.8 137.8

51 41.1 29.8 44.8

86 60.7 51.8 77.6

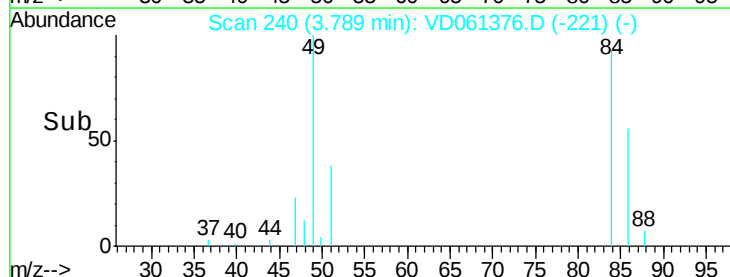
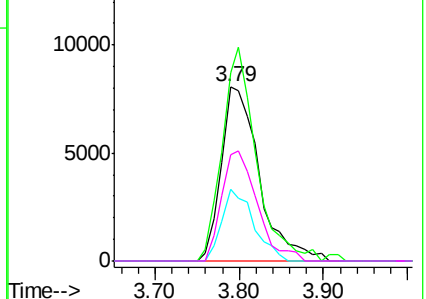


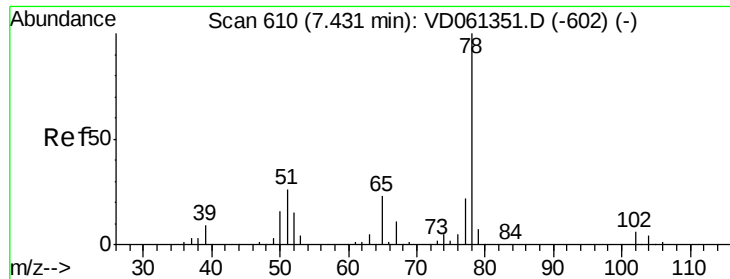
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

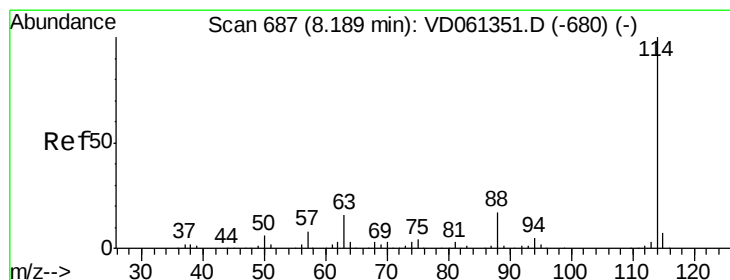
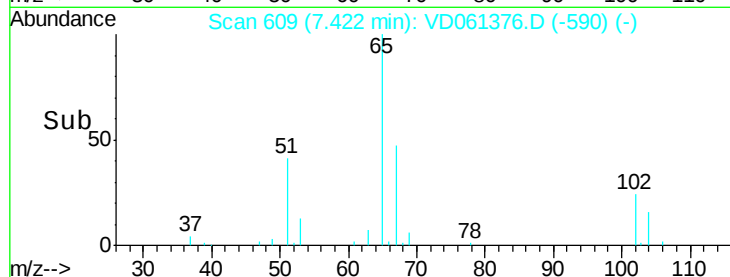
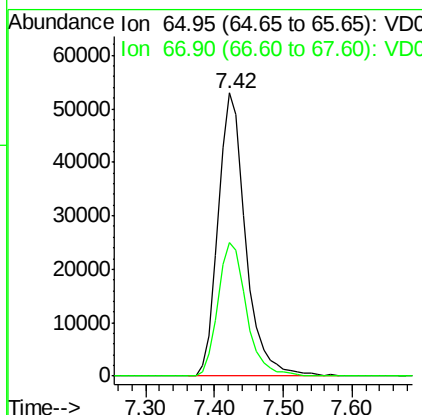
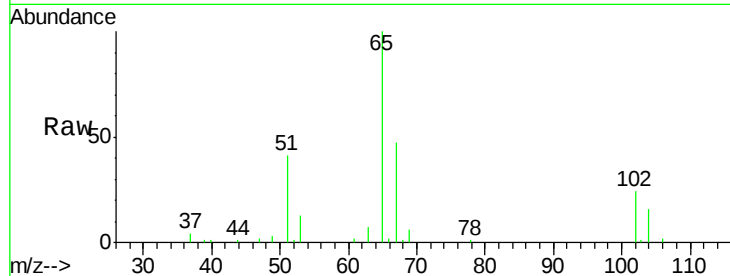




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: VD061376.D
 Acq: 28 Mar 2019 4:06

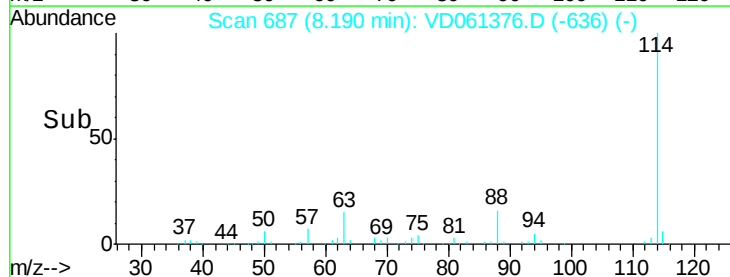
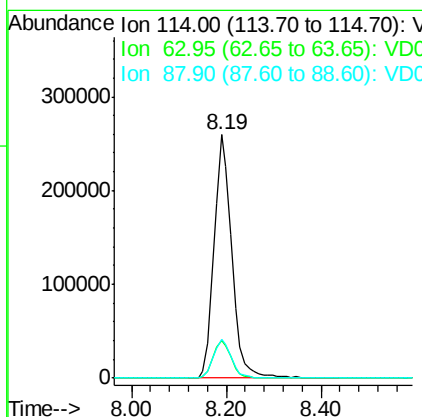
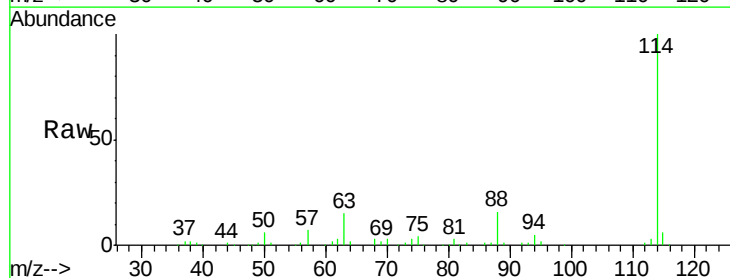
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-19

Tgt Ion: 65 Resp: 145916
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: VD061376.D
 Acq: 28 Mar 2019 4:06

Tgt Ion: 114 Resp: 671614
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.6
 88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.00 min

Lab File: VD061376.D

Acq: 28 Mar 2019 4:06

Instrument :

MSVOA_D

ClientSampled :

CS-19

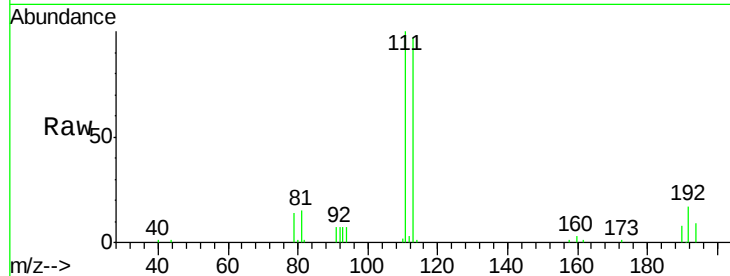
Tgt Ion:113 Resp: 233439

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.6

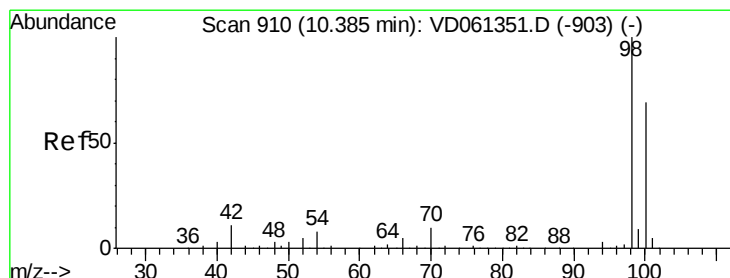
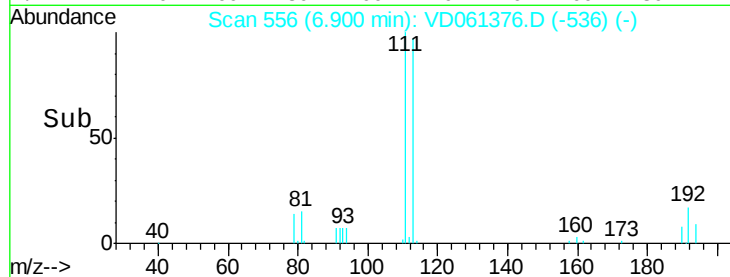
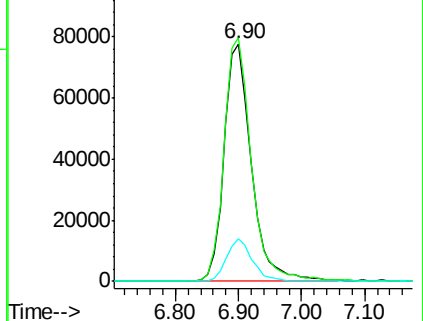
192 17.9 14.4 21.6



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: VD061376.D

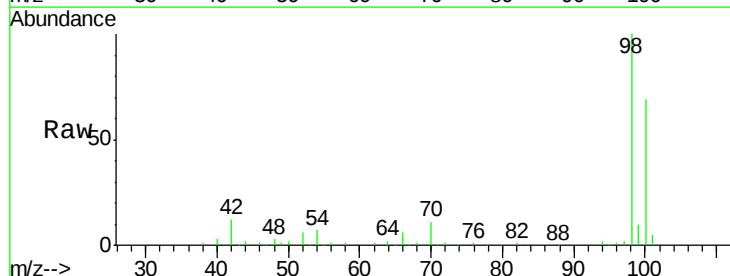
Acq: 28 Mar 2019 4:06

Tgt Ion: 98 Resp: 358793

Ion Ratio Lower Upper

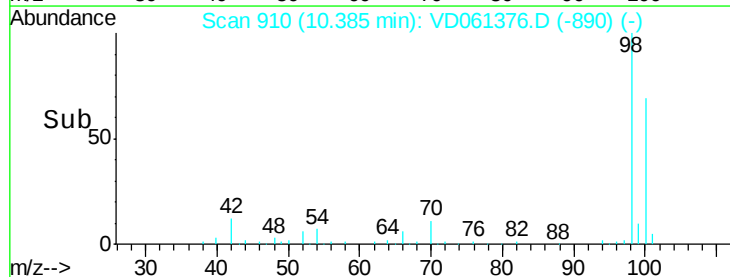
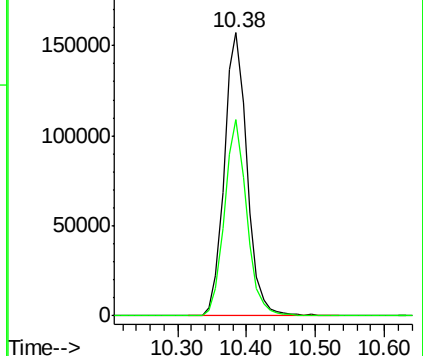
98 100

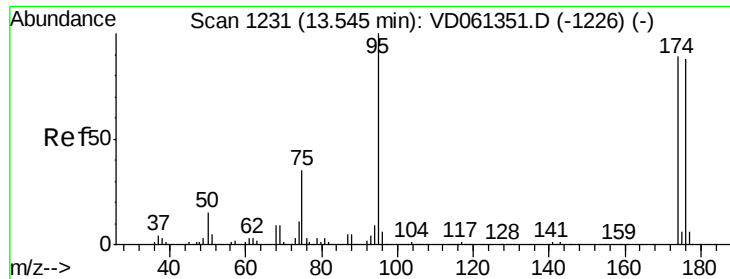
100 69.4 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

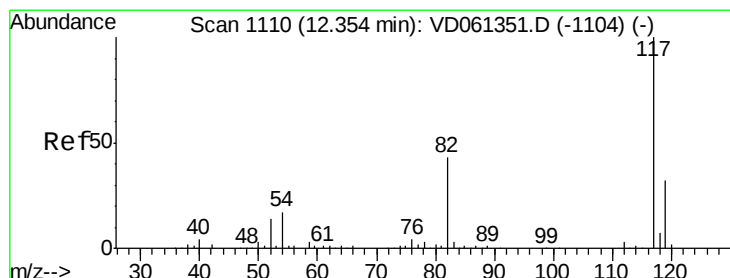
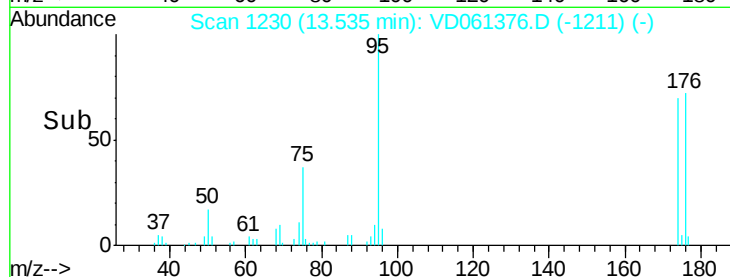
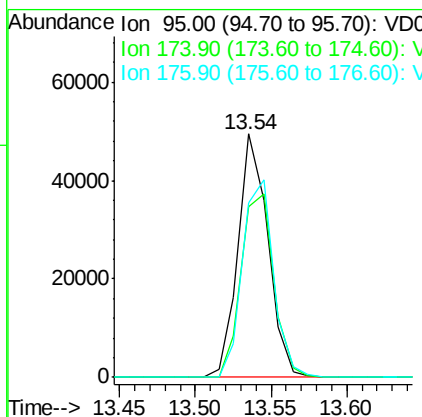
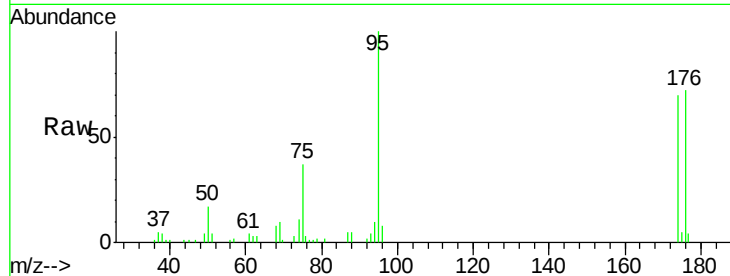




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VD061376.D
Acq: 28 Mar 2019 4:06

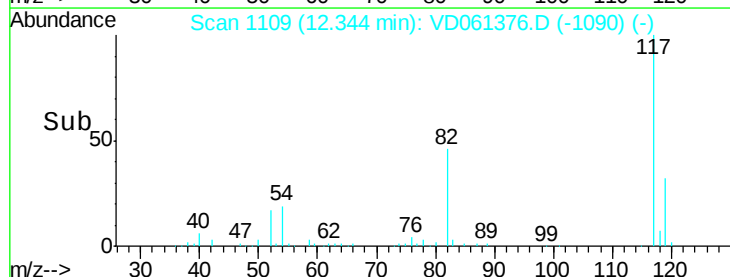
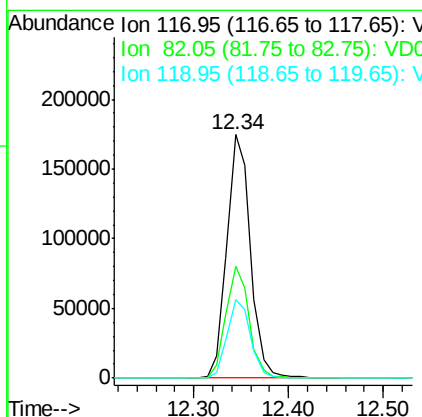
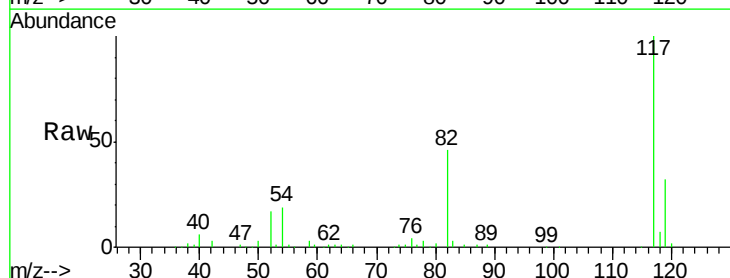
Instrument :
MSVOA_D
ClientSampleId :
CS-19

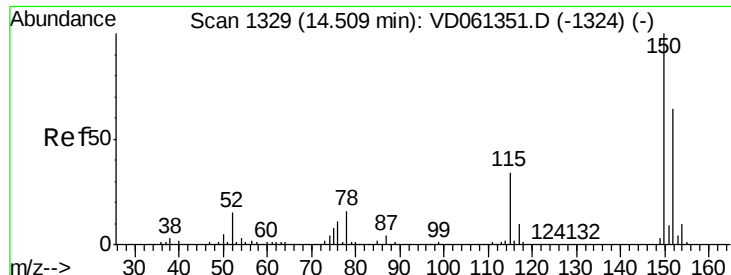
Tgt Ion: 95 Resp: 68037
Ion Ratio Lower Upper
95 100
174 70.0 0.0 178.0
176 71.5 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.34 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD061376.D
Acq: 28 Mar 2019 4:06

Tgt Ion: 117 Resp: 300288
Ion Ratio Lower Upper
117 100
82 45.7 34.4 51.6
119 32.1 25.8 38.6

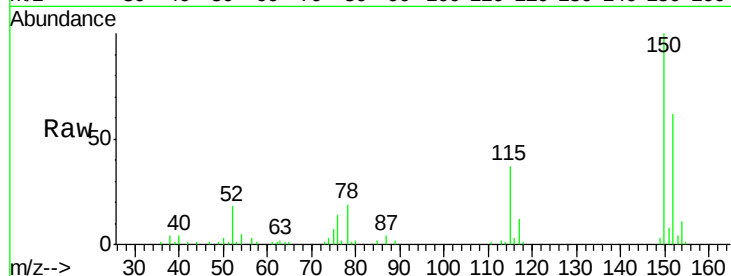




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: VD061376.D
 Acq: 28 Mar 2019 4:06

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-19

Tgt Ion:152 Resp: 50240
 Ion Ratio Lower Upper
 152 100
 115 60.3 26.9 80.6
 150 161.7 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

