

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062381.D
 Acq On : 15 May 2019 8:37
 Operator : FY/SY
 Sample : K2801-04
 Misc : 5.33q/5mL/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200035

Quant Time: May 15 11:30:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

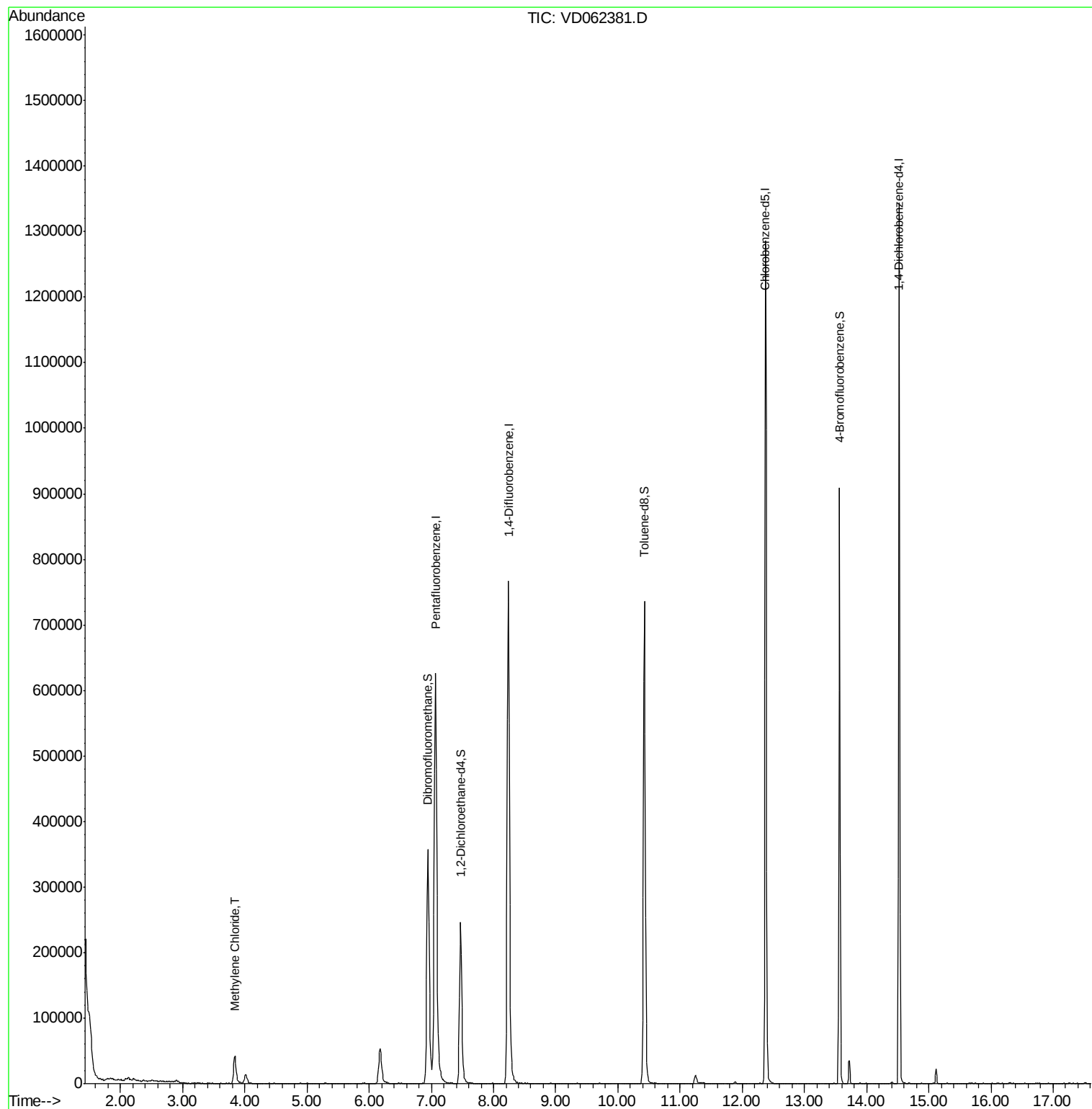
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	593964	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	827654	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	623955	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	296455	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	282665	51.21	ug/l	0.05
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	6.94	113	318726	46.41	ug/l	0.05
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	10.43	98	572709	34.59	ug/l	0.03
Spiked Amount 50.000			Recovery	=	69.18%	
62) 4-Bromofluorobenzene	13.56	95	241847	36.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.74%	
Target Compounds						
20) Methylene Chloride	3.84	84	29667	6.138	ug/l	Qvalue 92

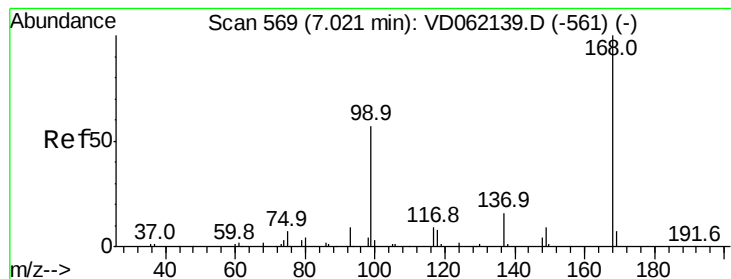
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062381.D

Acq: 15 May 2019 8:37

Instrument :

MSVOA_D

ClientSampleId :

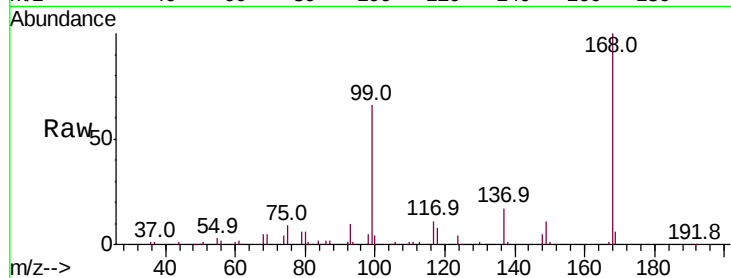
RBR-200035

Tot Ion:168 Resp: 593964

Ion Ratio Lower Upper

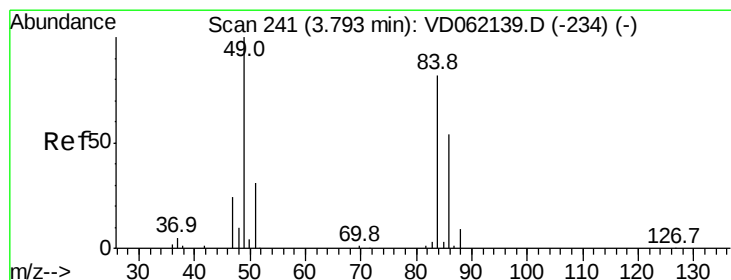
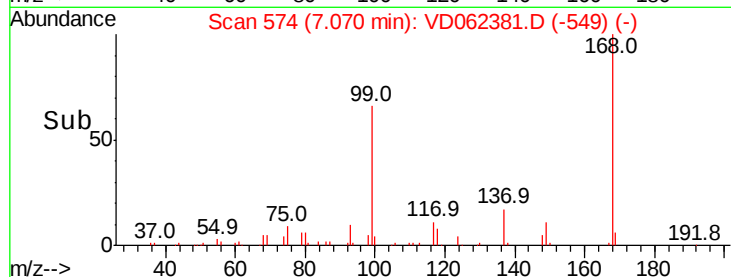
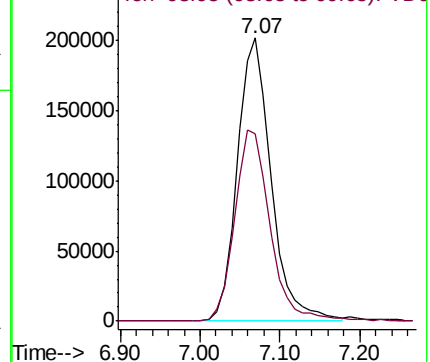
168 100

99 66.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 6.138 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.05 min

Lab File: VD062381.D

Acq: 15 May 2019 8:37

Tgt Ion: 84 Resp: 29667

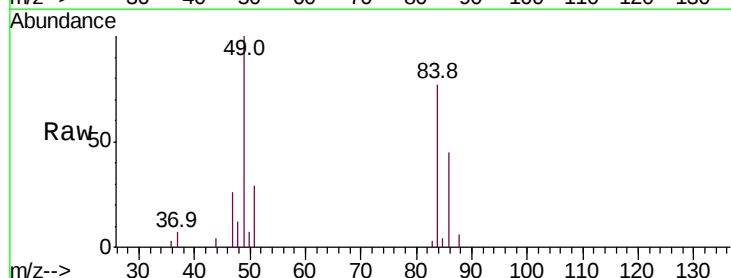
Ion Ratio Lower Upper

84 100

49 129.6 94.0 141.0

51 38.0 29.0 43.4

86 57.8 49.8 74.6

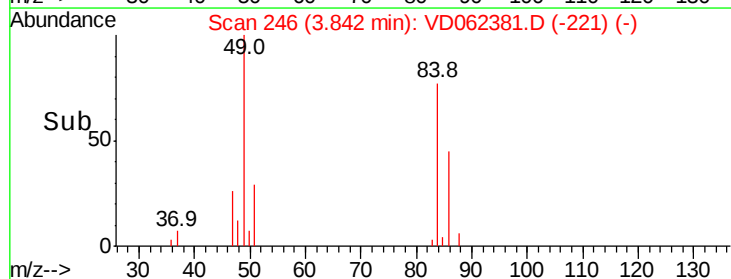
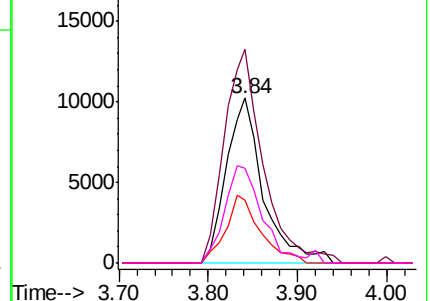


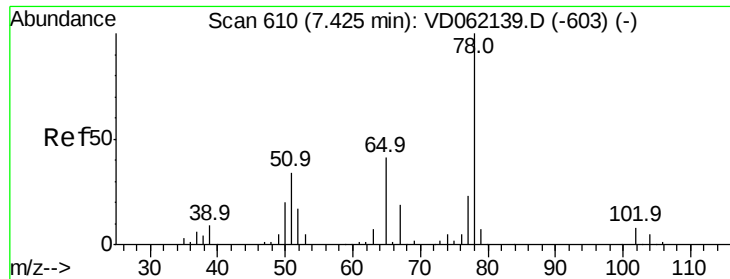
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

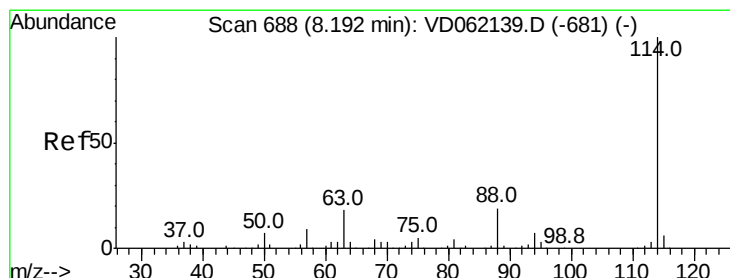
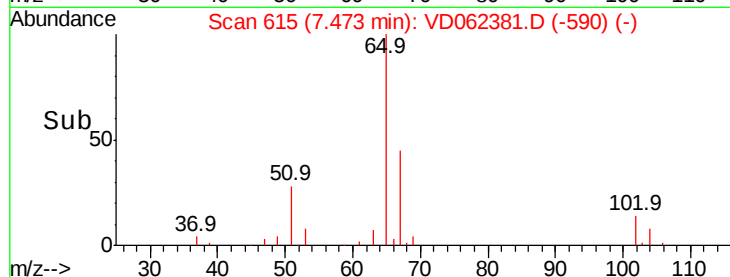
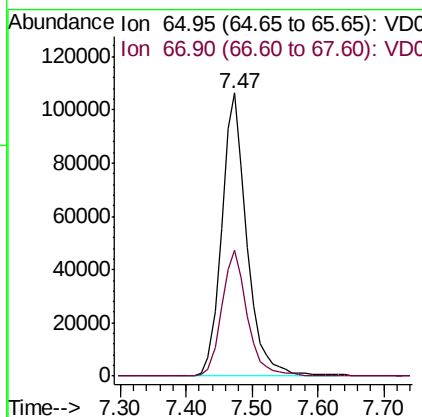
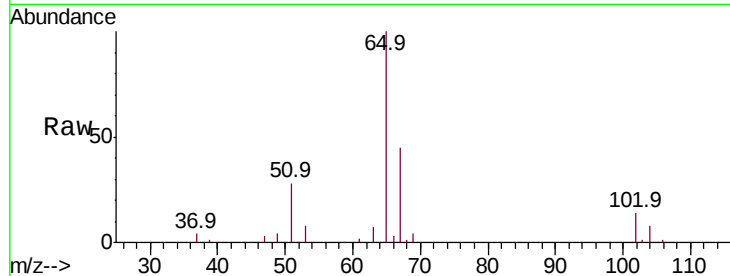




#33
 1,2-Dichloroethane-d4
 Concen: 51.209 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062381.D
 Acq: 15 May 2019 8:37

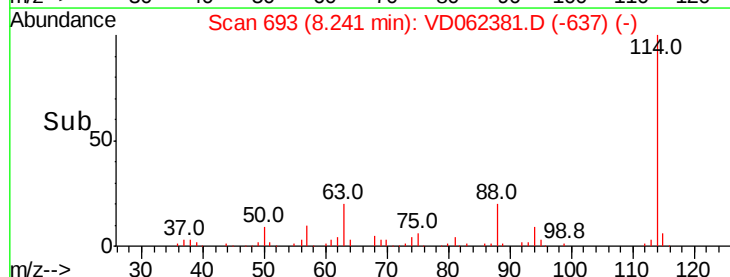
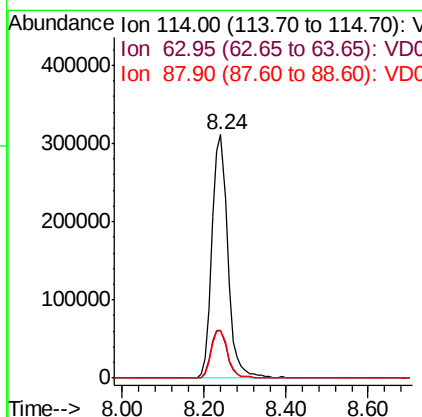
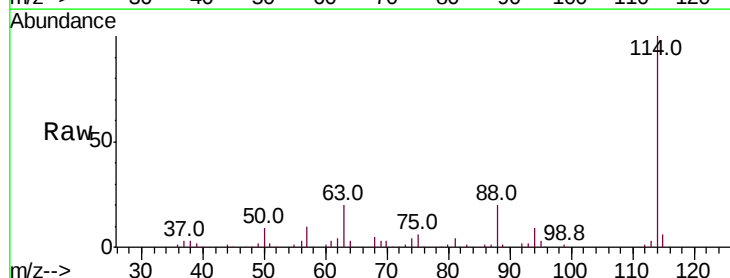
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200035

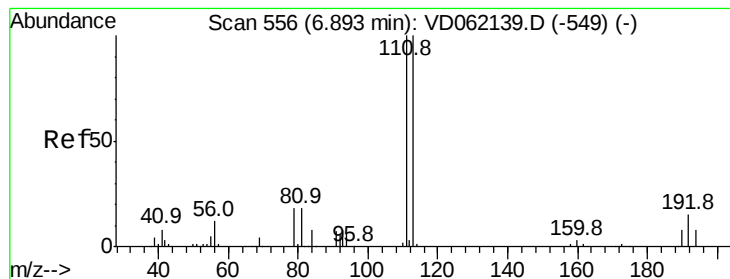
Tot Ion: 65 Resp: 282665
 Ion Ratio Lower Upper
 65 100
 67 44.6 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062381.D
 Acq: 15 May 2019 8:37

Tgt Ion: 114 Resp: 827654
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 32.4
 88 19.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 46.413 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062381.D

Acq: 15 May 2019 8:37

Instrument :

MSVOA_D

ClientSampleId :

RBR-200035

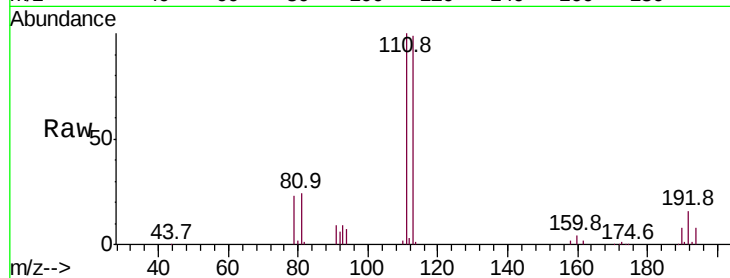
Tot Ion:113 Resp: 318726

Ion Ratio Lower Upper

113 100

111 101.2 78.5 117.7

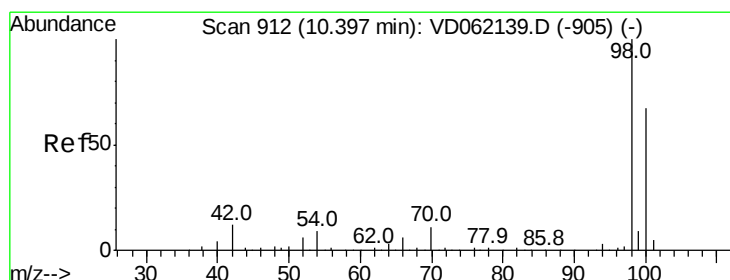
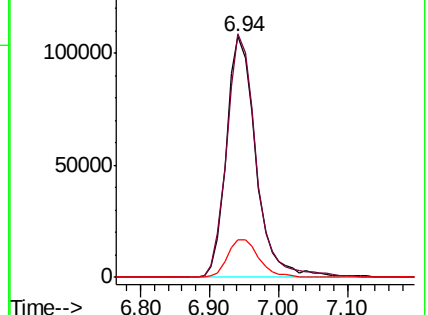
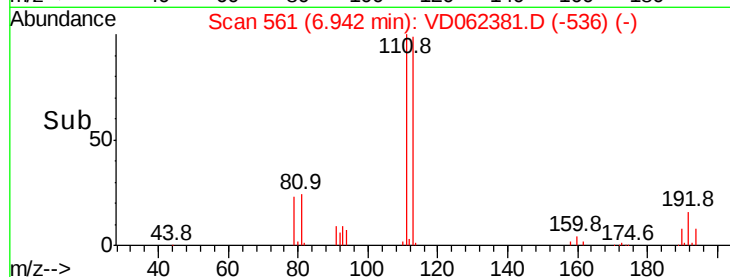
192 15.8 13.0 19.4



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: 34.590 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062381.D

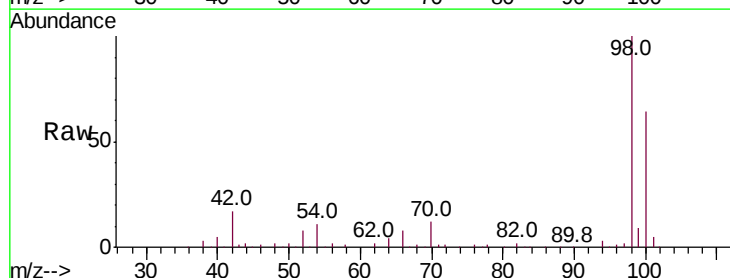
Acq: 15 May 2019 8:37

Tgt Ion: 98 Resp: 572709

Ion Ratio Lower Upper

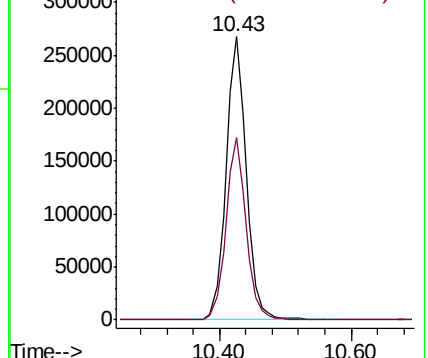
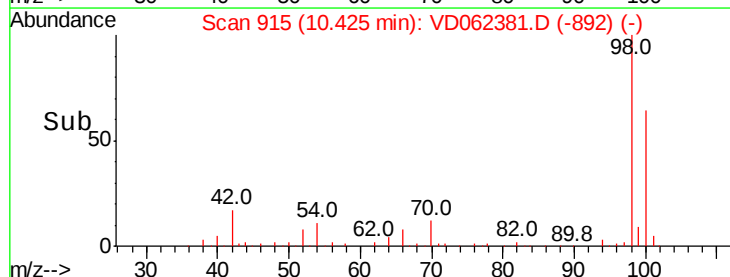
98 100

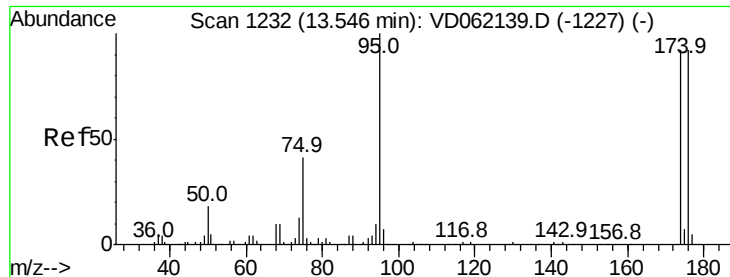
100 64.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

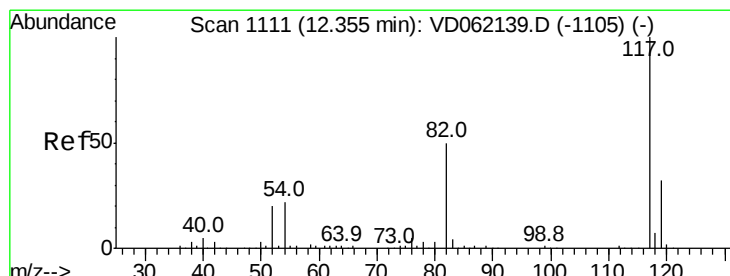
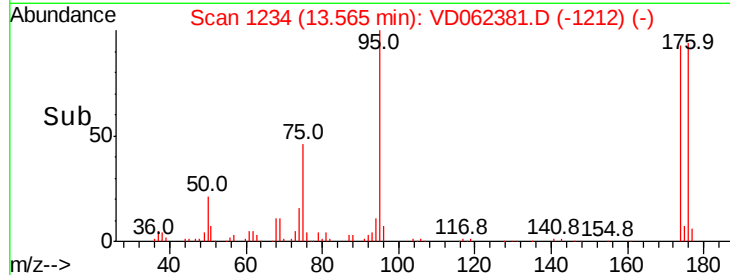
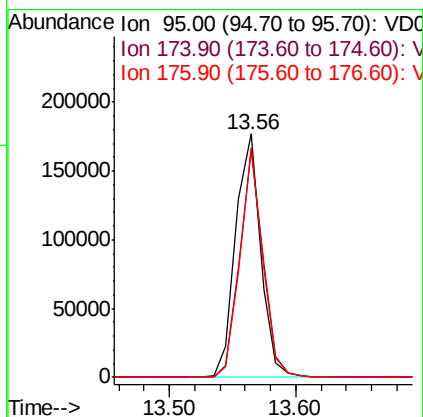
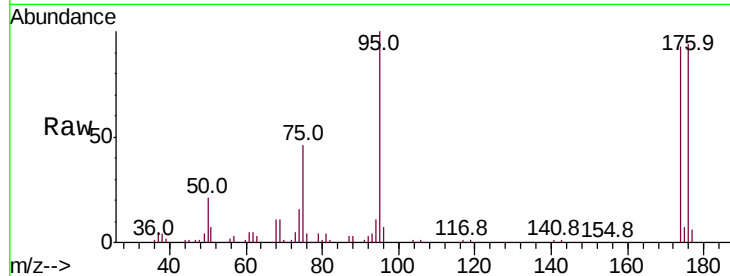




#62
4-Bromofluorobenzene
Concen: 36.375 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

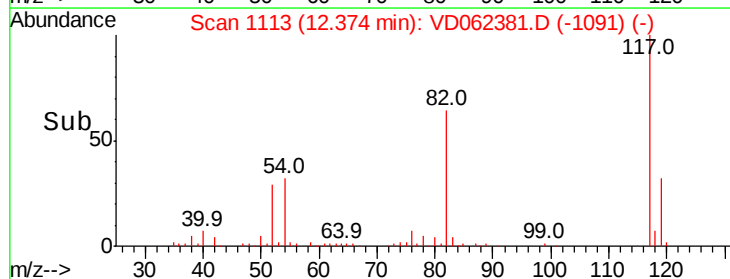
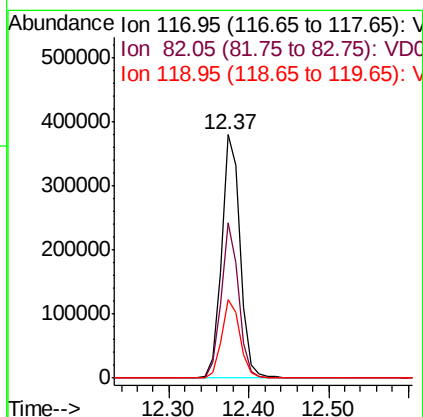
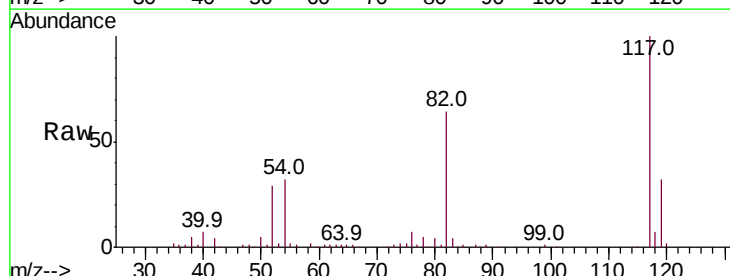
Instrument :
MSVOA_D
ClientSampleId :
RBR-200035

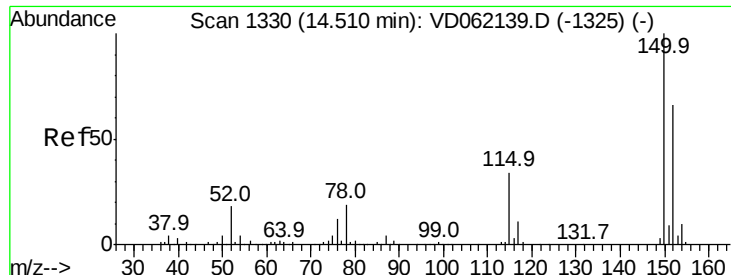
Tot Ion: 95 Resp: 241847
Ion Ratio Lower Upper
95 100
174 93.4 0.0 181.8
176 94.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion: 117 Resp: 623955
Ion Ratio Lower Upper
117 100
82 63.9 36.2 54.2#
119 32.4 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062381.D

Acq: 15 May 2019 8:37

Instrument :

MSVOA_D

ClientSampleId :

RBR-200035

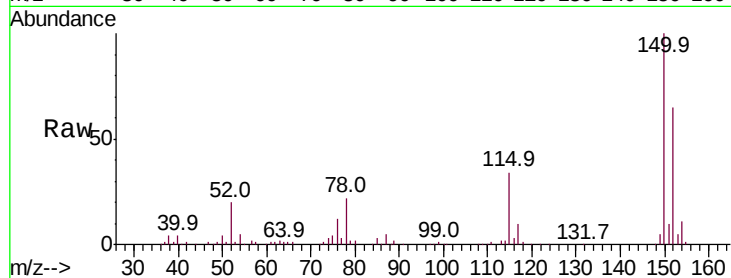
Tot Ion:152 Resp: 296455

Ion Ratio Lower Upper

152 100

115 52.5 30.9 92.7

150 153.7 0.0 314.8



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

