

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065571.D
 Acq On : 31 Mar 2020 17:41
 Operator : VA/SY
 Sample : L2067-01
 Misc : 9.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 239-SB-01-16-17

Quant Time: Apr 01 08:10:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

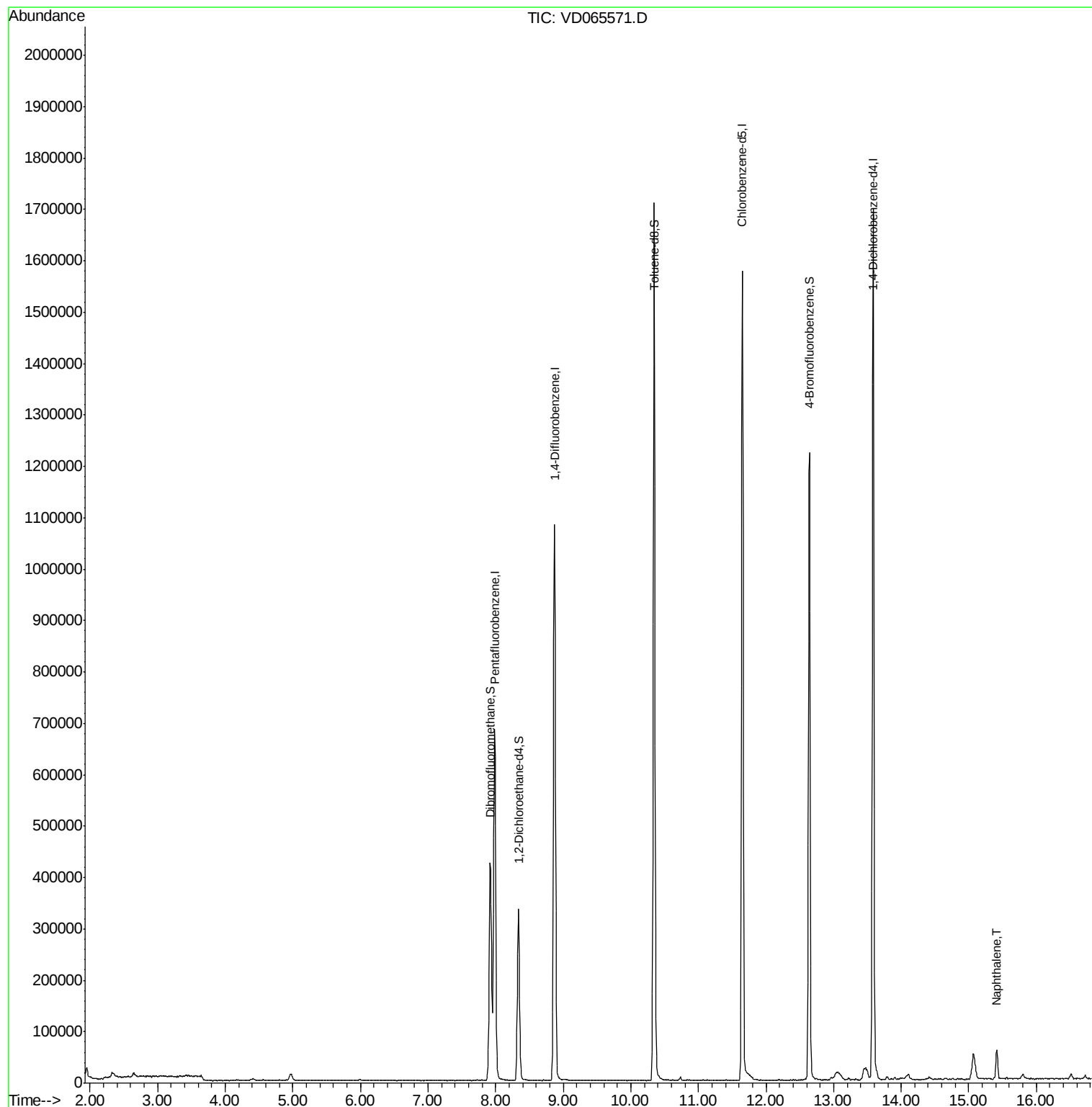
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	536858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	969068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	948317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	473273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	265710	59.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.92%	
35) Dibromofluoromethane	7.92	113	307361	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.34	98	1166451	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.64	95	388683	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
Target Compounds						
95) Naphthalene	15.41	128	55442	7.787	ug/l	Qvalue 100

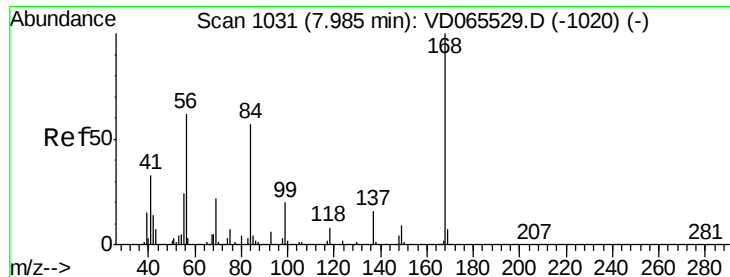
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065571.D

Acq: 31 Mar 2020 17:41

Instrument :

MSVOA_D

ClientSampleId :

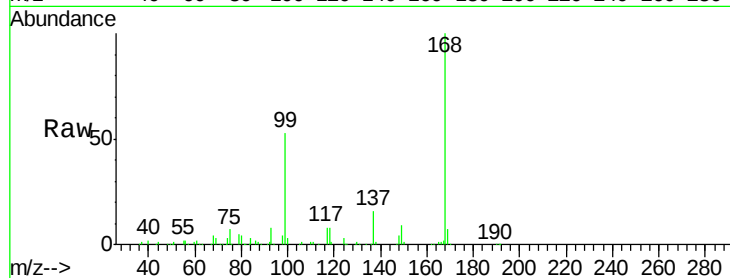
239-SB-01-16-17

Tot Ion:168 Resp: 536858

Ion Ratio Lower Upper

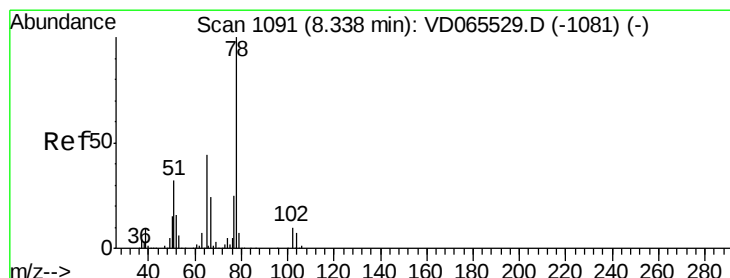
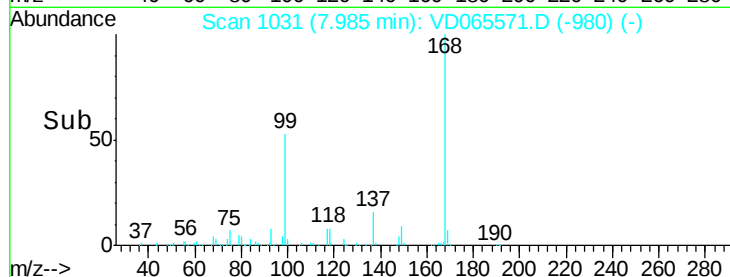
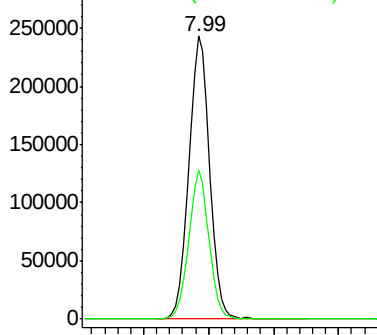
168 100

99 52.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.457 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065571.D

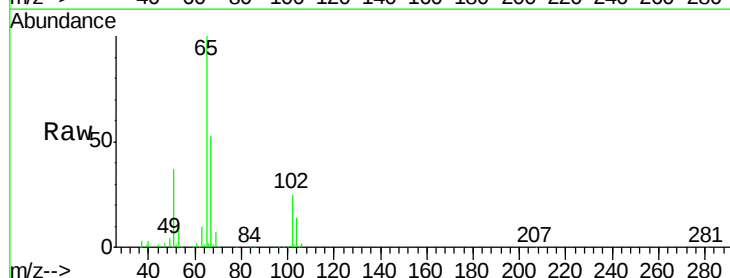
Acq: 31 Mar 2020 17:41

Tgt Ion: 65 Resp: 265710

Ion Ratio Lower Upper

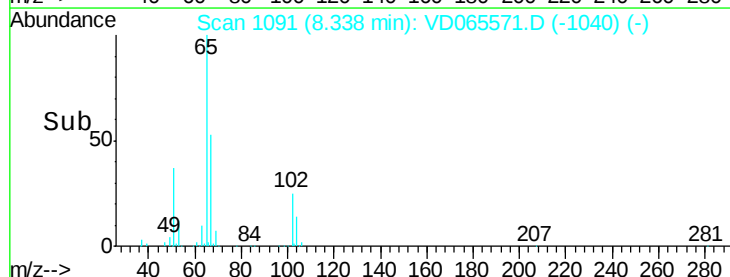
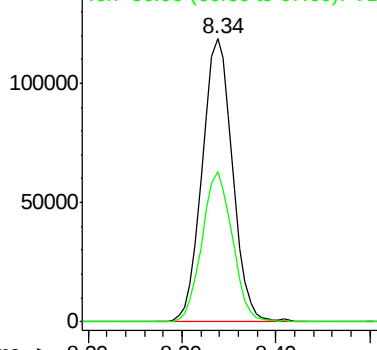
65 100

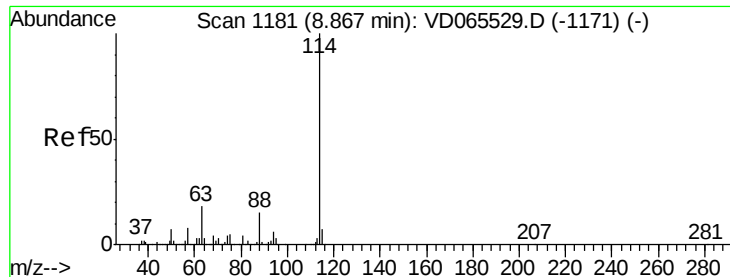
67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

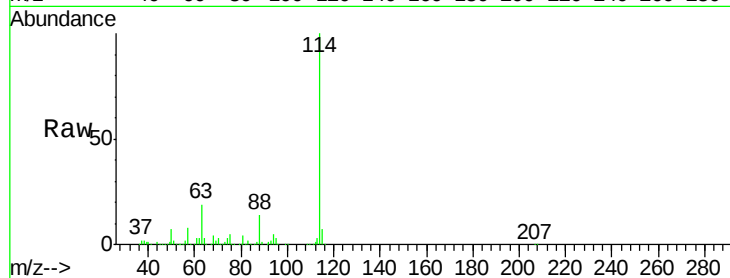




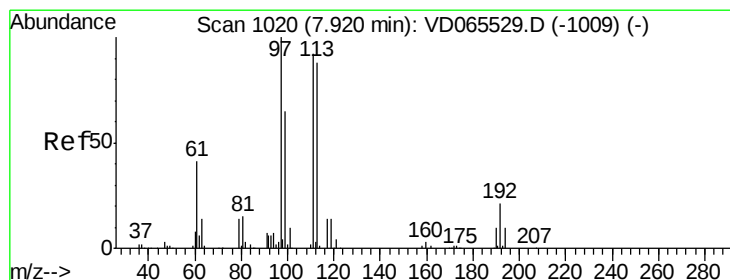
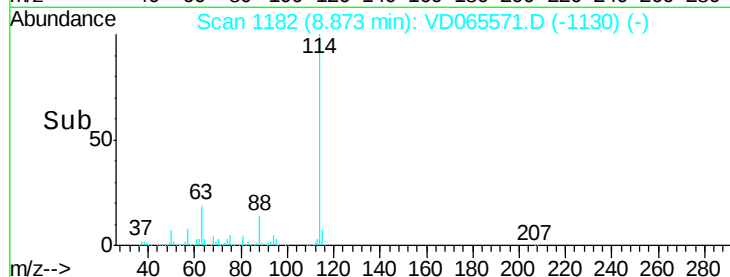
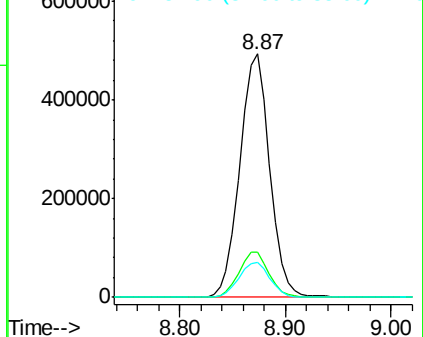
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD065571.D
Acq: 31 Mar 2020 17:41

Instrument :
MSVOA_D
ClientSampleId :
239-SB-01-16-17

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.0
88	14.4	0.0	30.4

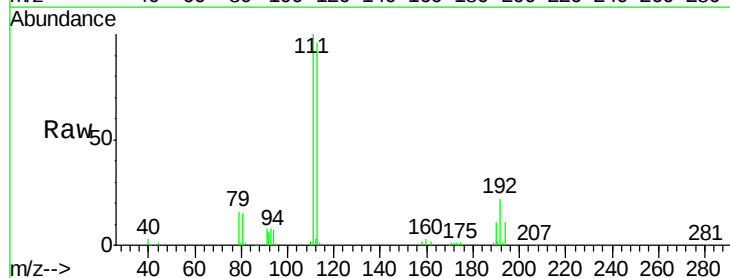


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

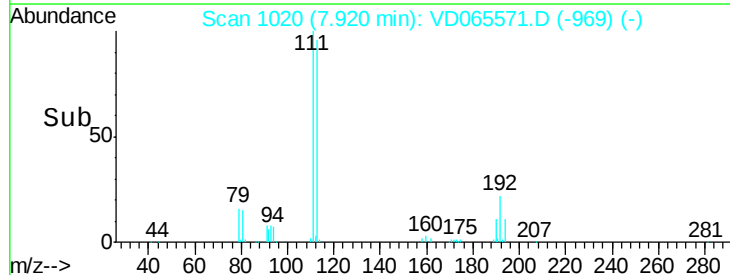
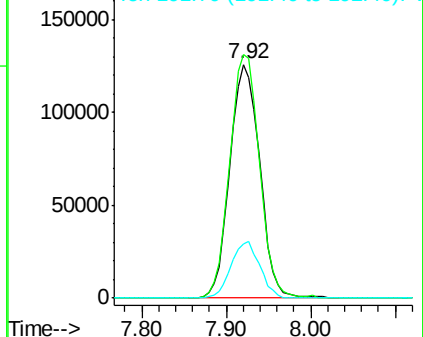


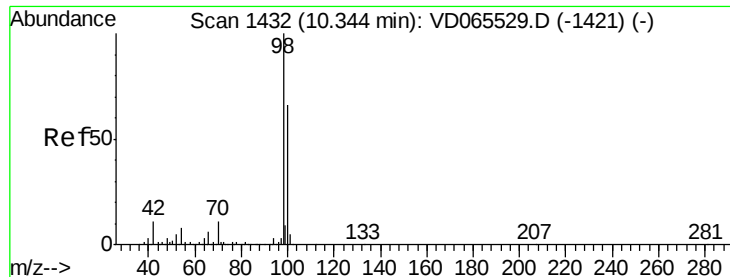
#35
Dibromofluoromethane
Concen: 51.385 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065571.D
Acq: 31 Mar 2020 17:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.3	124.9
192	23.0	18.5	27.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.943 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065571.D

Acq: 31 Mar 2020 17:41

Instrument :

MSVOA_D

ClientSampleId :

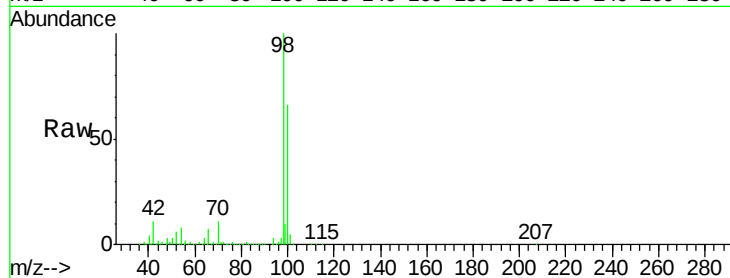
239-SB-01-16-17

Tot Ion: 98 Resp: 1166451

Ion Ratio Lower Upper

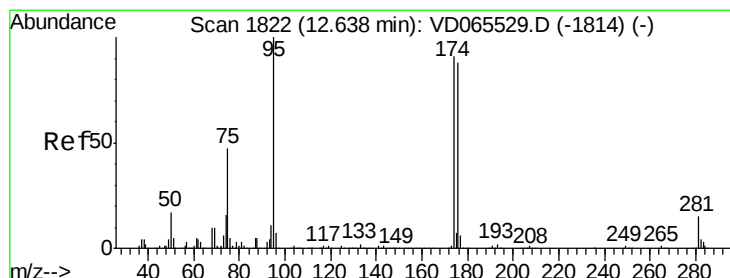
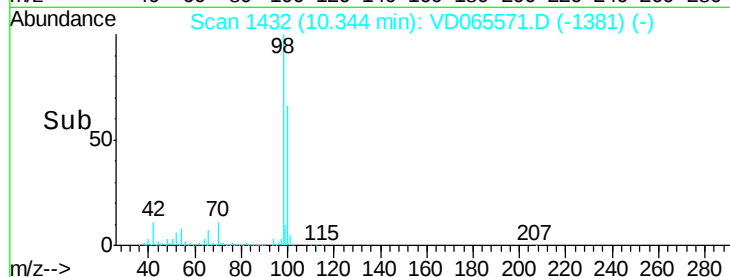
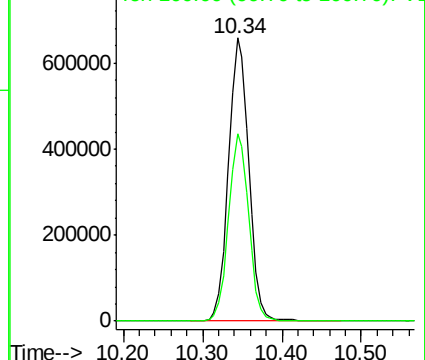
98 100

100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 54.533 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065571.D

Acq: 31 Mar 2020 17:41

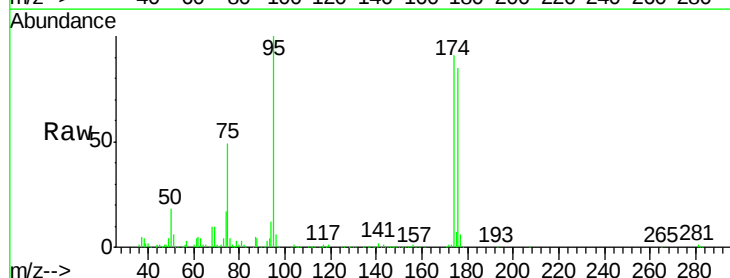
Tgt Ion: 95 Resp: 388683

Ion Ratio Lower Upper

95 100

174 94.3 0.0 183.8

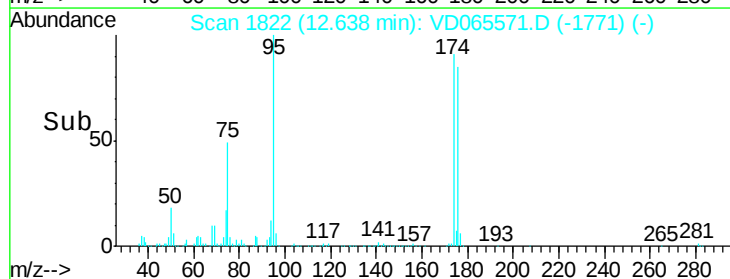
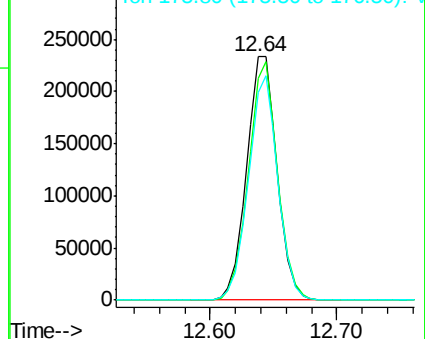
176 89.2 0.0 178.2

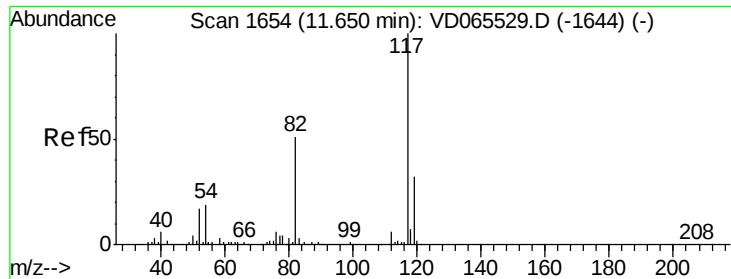


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

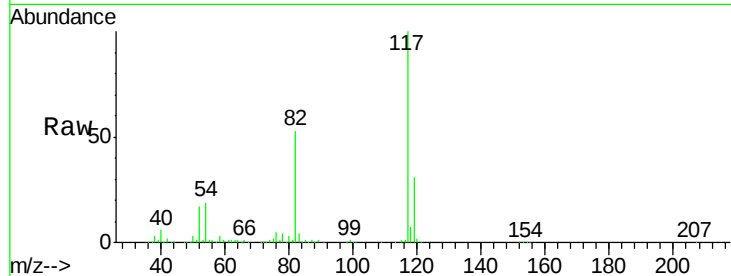




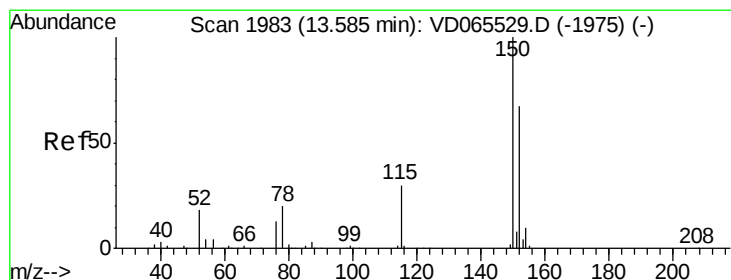
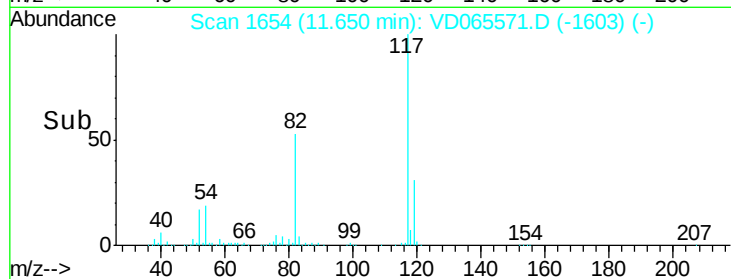
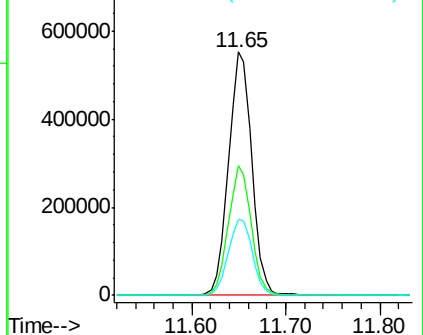
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065571.D
Acq: 31 Mar 2020 17:41

Instrument :
MSVOA_D
ClientSampleId :
239-SB-01-16-17

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.0	61.6
119	31.4	25.5	38.3

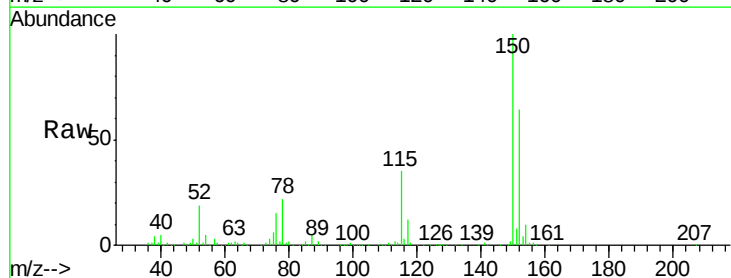


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

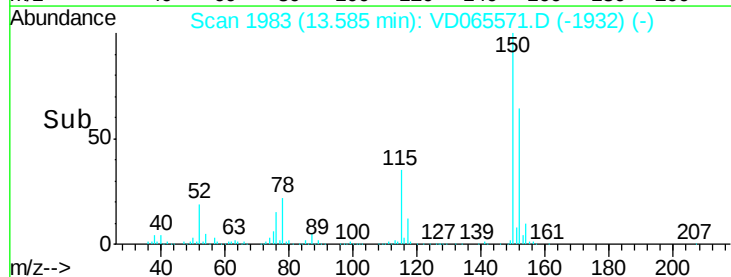
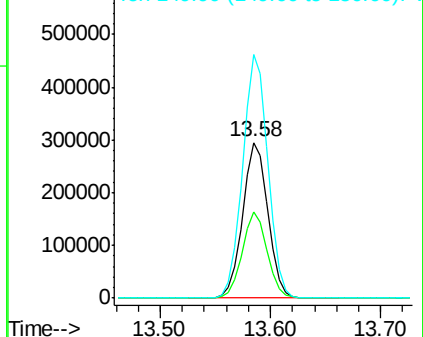


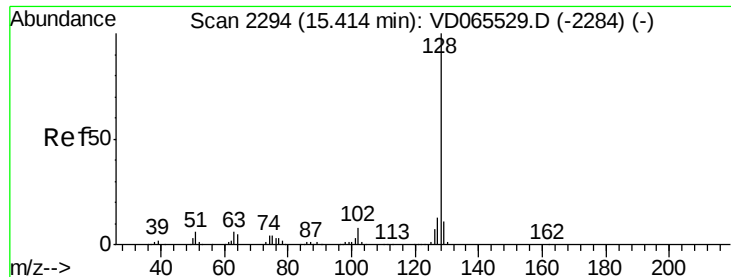
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065571.D
Acq: 31 Mar 2020 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.2	81.6
150	156.6	0.0	340.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

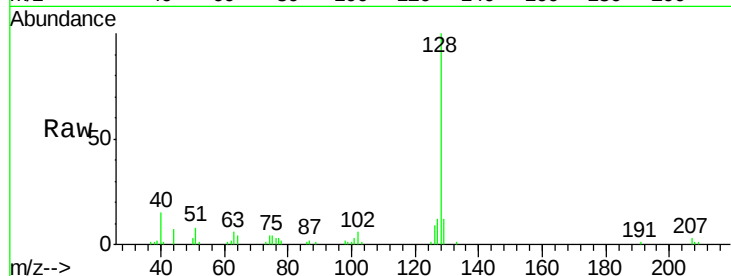




#95
 Naphthalene
 Concen: 7.787 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VD065571.D
 Acq: 31 Mar 2020 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 239-SB-01-16-17

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

