

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065399.D
 Acq On : 03 Mar 2020 17:29
 Operator : VA/SY
 Sample : L1775-13
 Misc : 8.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CR-3

Quant Time: Mar 04 05:50:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	484097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	845607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	798427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	366714	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	268412	61.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.26%	
35) Dibromofluoromethane	7.92	113	279800	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	10.34	98	1023443	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.64	95	322581	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

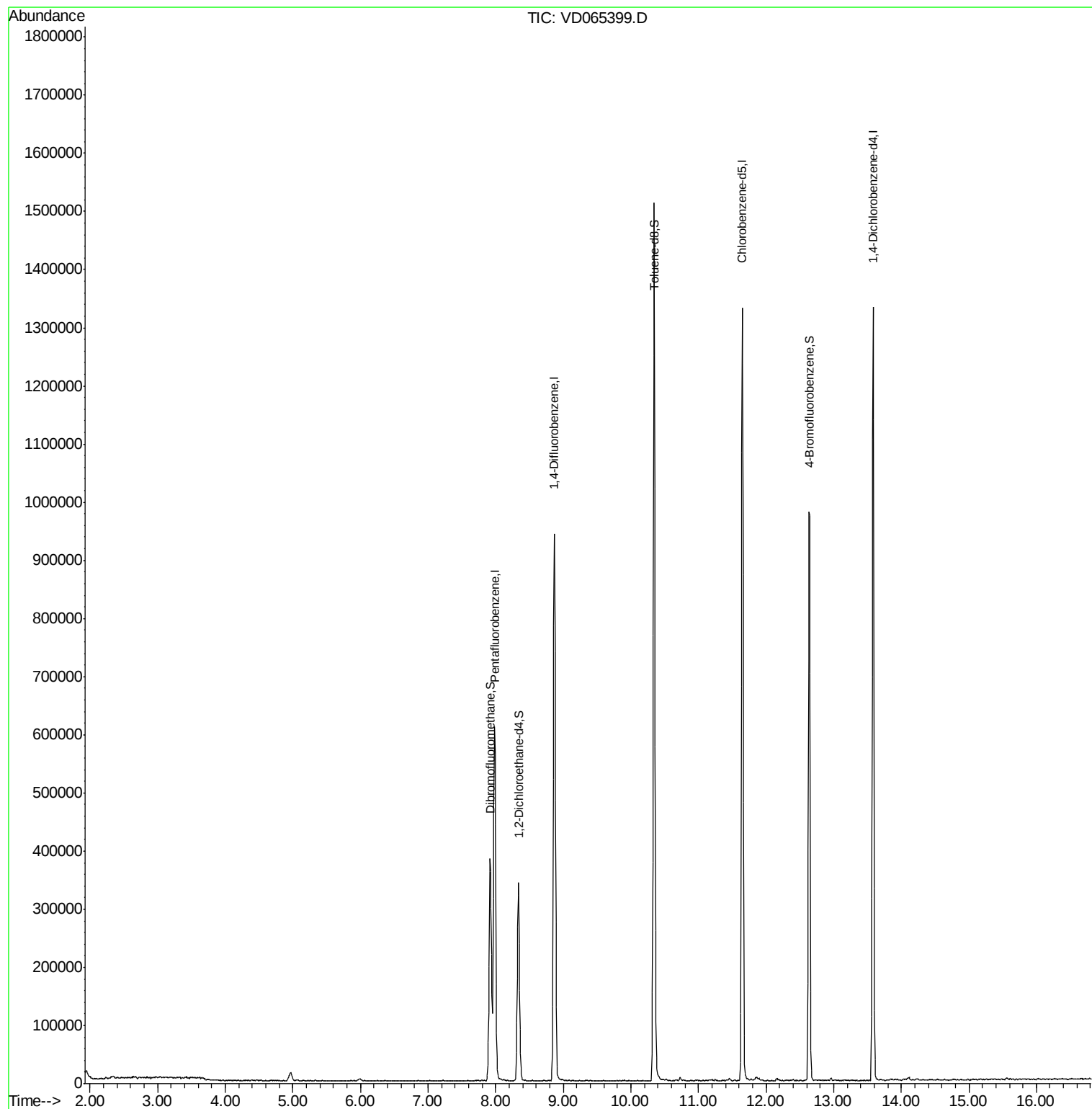
Target Compounds	Qvalue

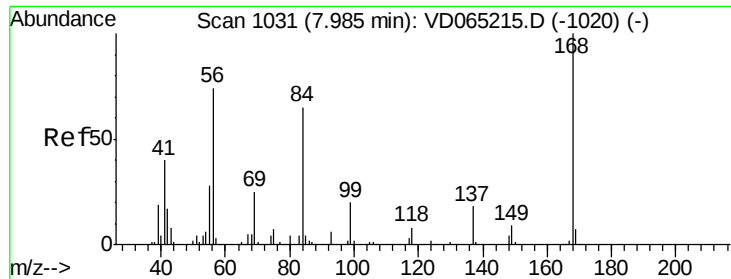
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

Instrument :

MSVOA_D

ClientSampleID :

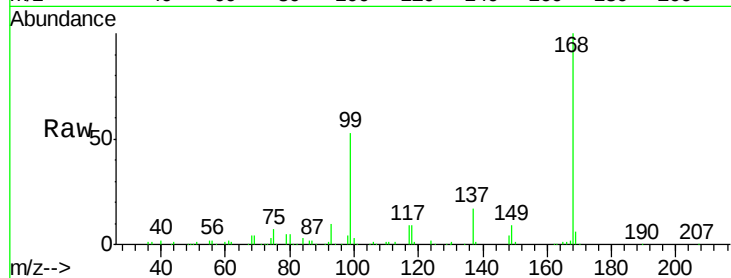
CR-3

Tot Ion:168 Resp: 484097

Ion Ratio Lower Upper

168 100

99 52.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

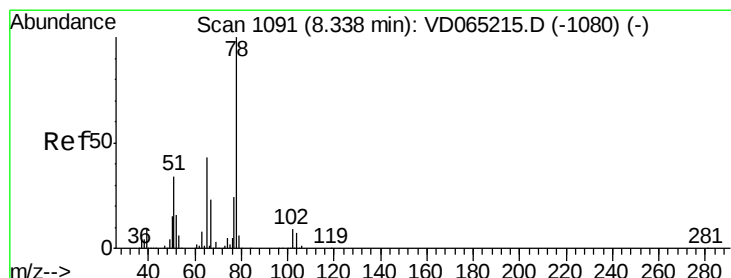
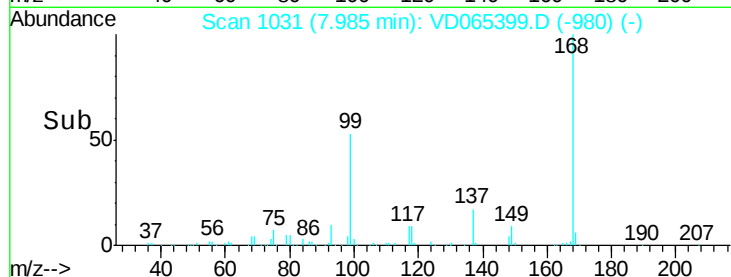
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.633 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065399.D

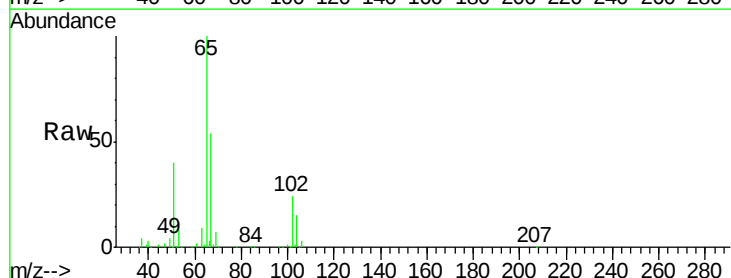
Acq: 03 Mar 2020 17:29

Tgt Ion: 65 Resp: 268412

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

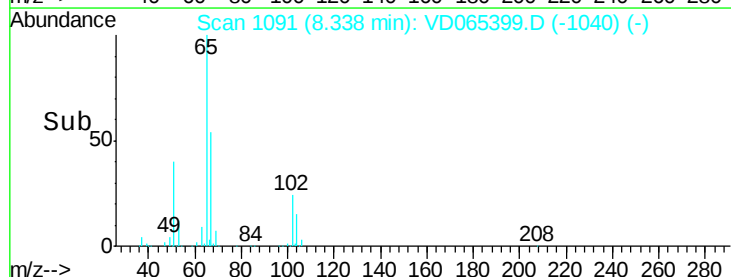
8.34

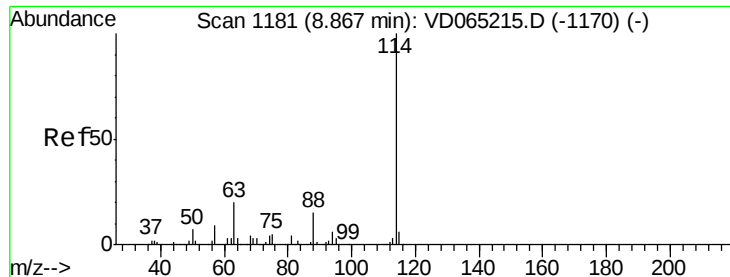
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

Instrument :

MSVOA_D

ClientSampled :

CR-3

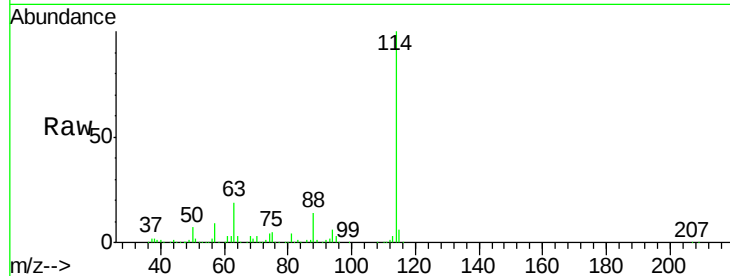
Tot Ion:114 Resp: 845607

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.4

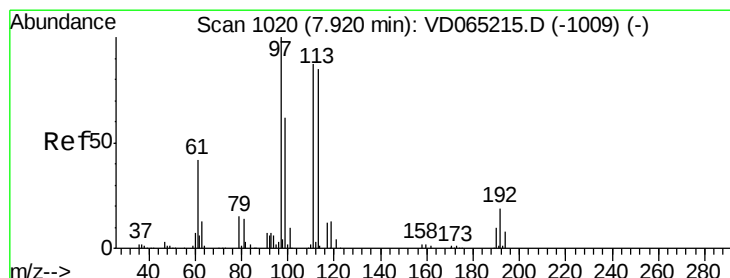
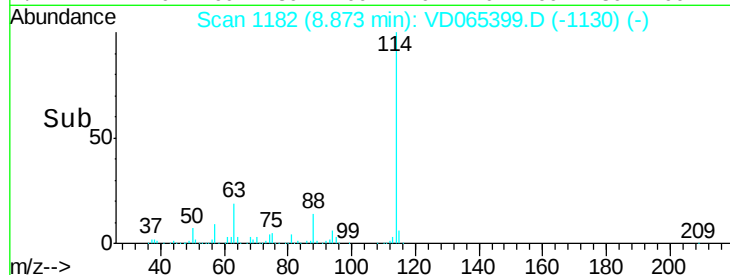
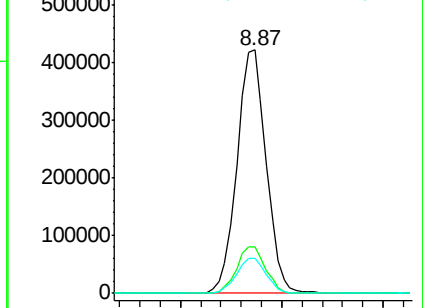
88 14.4 0.0 30.4



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: 54.267 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

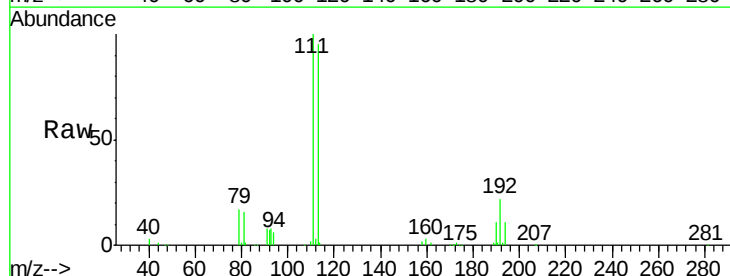
Tgt Ion:113 Resp: 279800

Ion Ratio Lower Upper

113 100

111 101.0 82.9 124.3

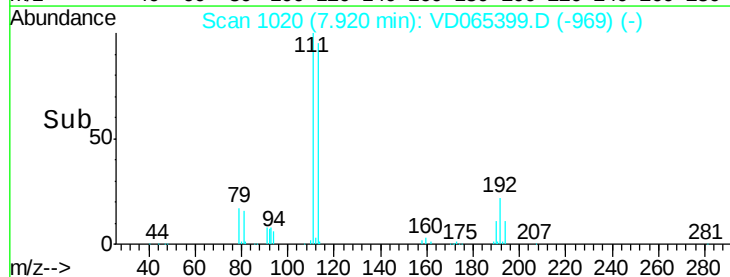
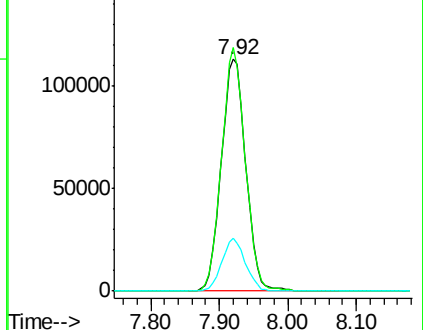
192 22.0 17.3 25.9



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

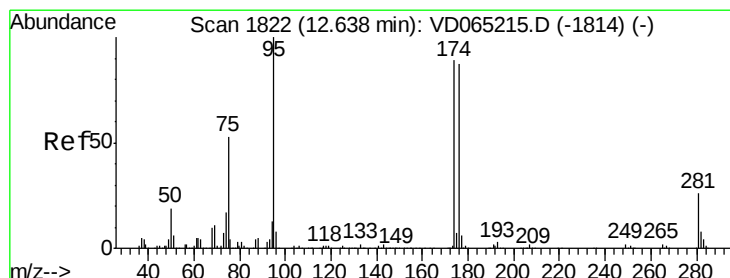
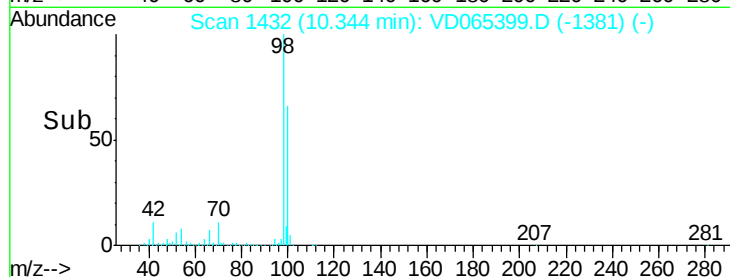
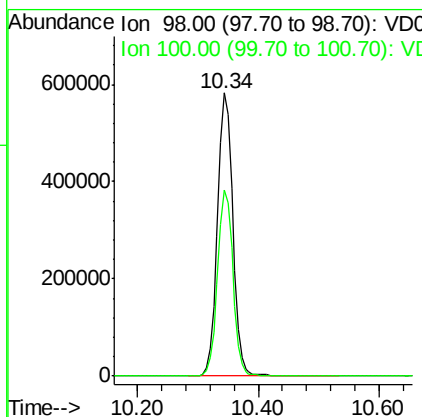
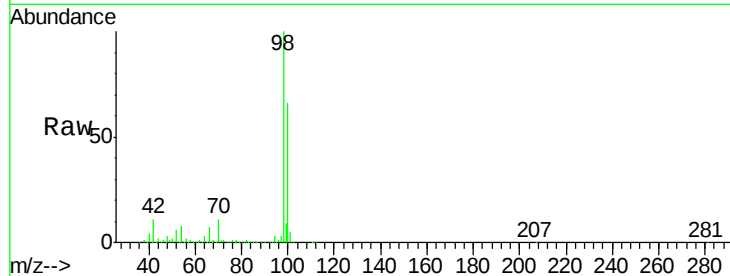




#50
Toluene-d8
Concen: 51.923 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065399.D
Acq: 03 Mar 2020 17:29

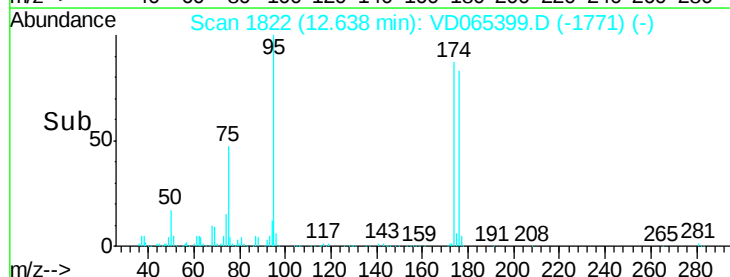
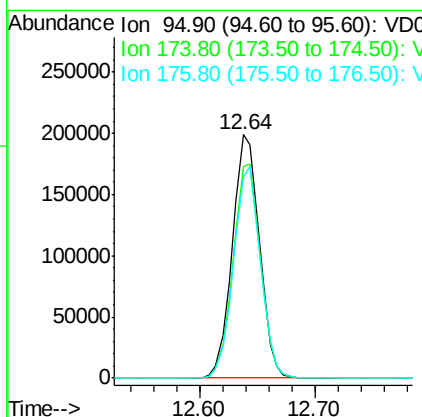
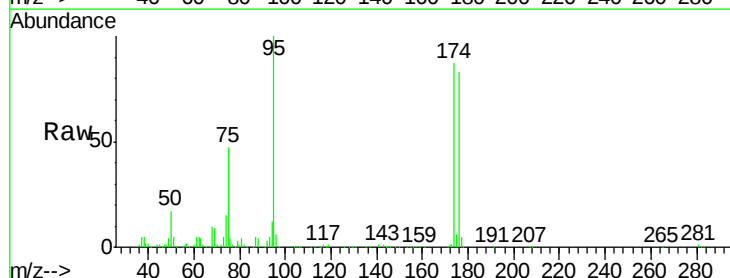
Instrument :
MSVOA_D
ClientSampleId :
CR-3

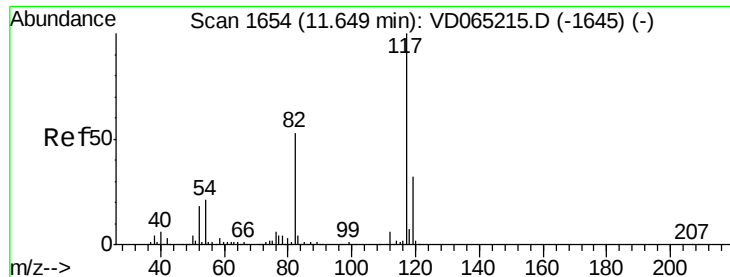
Tot Ion: 98 Resp: 1023443
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.660 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065399.D
Acq: 03 Mar 2020 17:29

Tgt Ion: 95 Resp: 322581
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.0
176 86.4 0.0 174.4

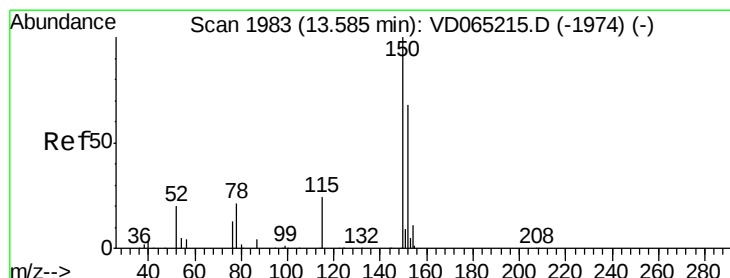
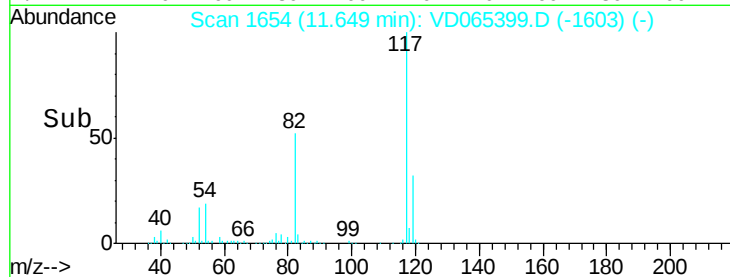
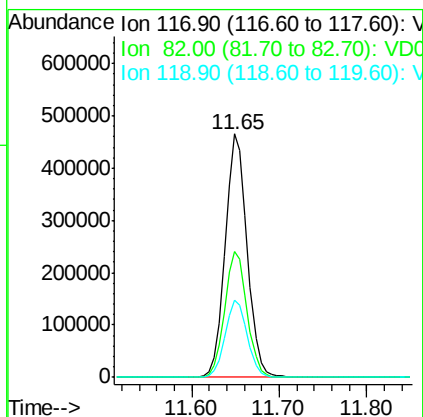
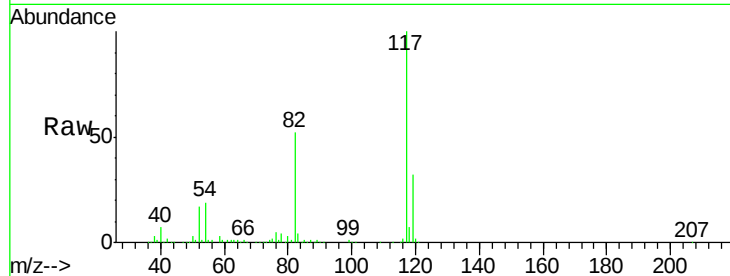




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065399.D
Acq: 03 Mar 2020 17:29

Instrument :
MSVOA_D
ClientSampleId :
CR-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.7	64.1
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065399.D
Acq: 03 Mar 2020 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.6	82.8
150	154.9	0.0	347.4

