

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063216.D
 Acq On : 30 Jul 2019 00:51
 Operator : VA/AP
 Sample : K4049-03
 Misc : 4.47g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Jul 30 04:20:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	613177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	882224	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	593329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	229825	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	473528	69.60	ug/l	0.01
Spiked Amount	50.000		Recovery	=	139.20%	
35) Dibromofluoromethane	6.92	113	514442	68.30	ug/l	0.01
Spiked Amount	50.000		Recovery	=	136.60%	
50) Toluene-d8	10.41	98	946850	56.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.34%	
62) 4-Bromofluorobenzene	13.56	95	318286	41.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.86%	

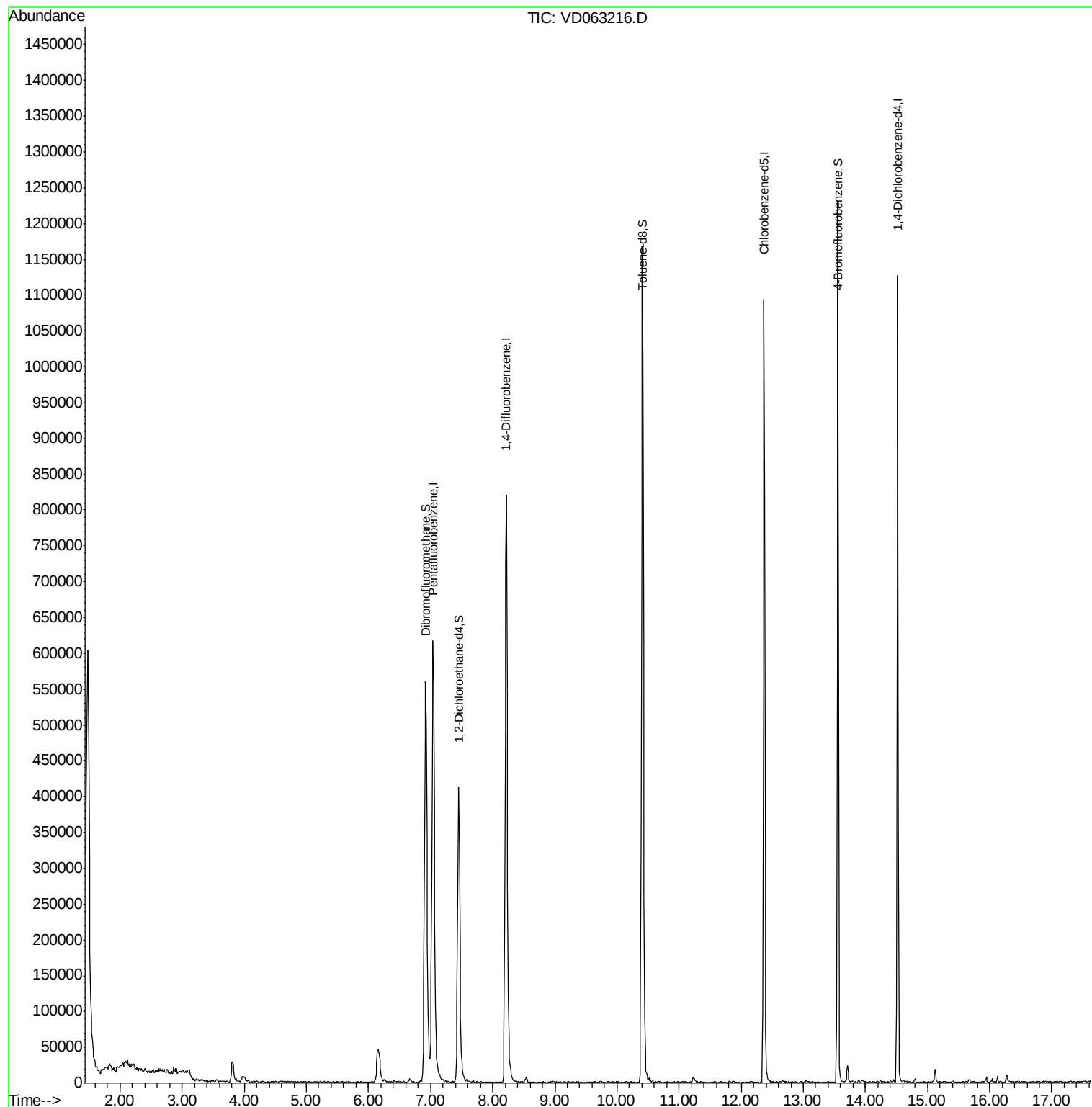
Target Compounds	Qvalue

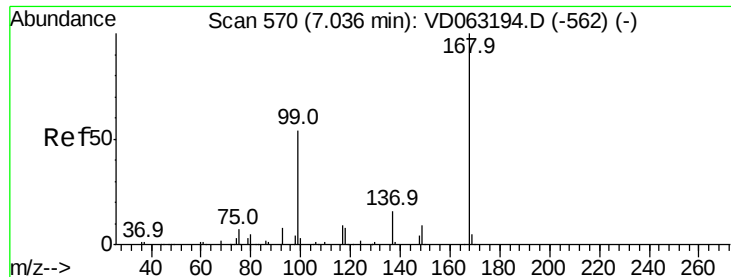
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063216.D

Acq: 30 Jul 2019 00:51

Instrument :

MSVOA_D

ClientSampleId :

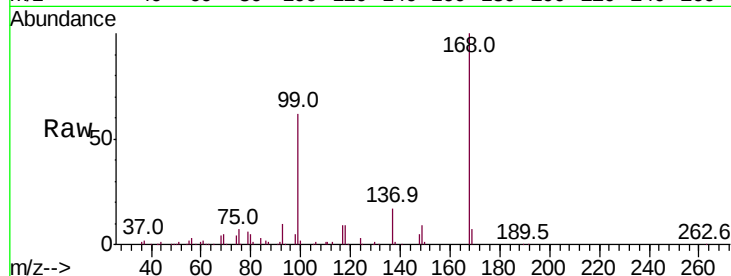
SP-3

Tot Ion:168 Resp: 613177

Ion Ratio Lower Upper

168 100

99 62.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

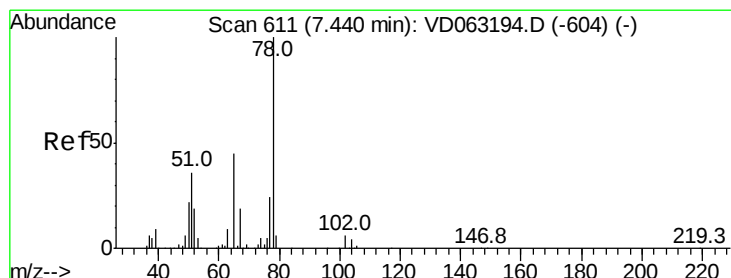
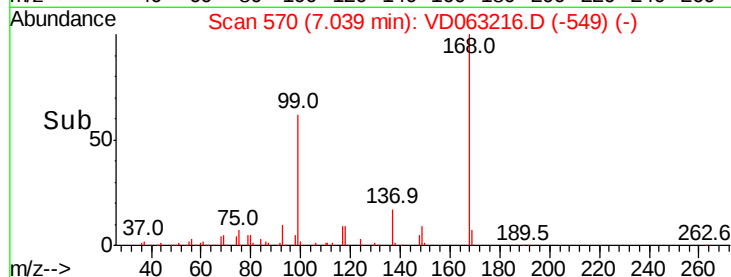
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 69.598 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063216.D

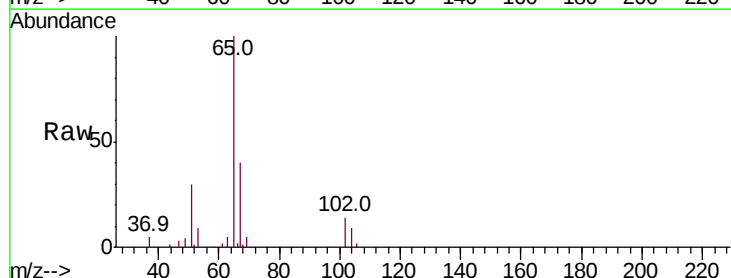
Acq: 30 Jul 2019 00:51

Tgt Ion: 65 Resp: 473528

Ion Ratio Lower Upper

65 100

67 40.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

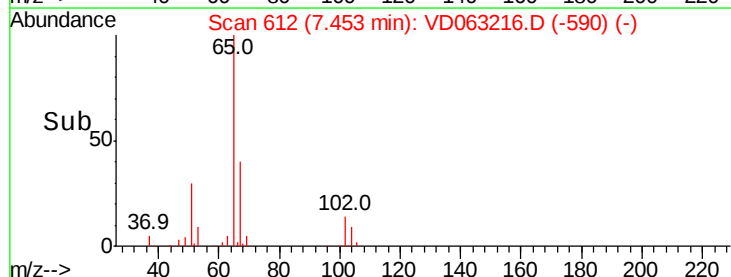
150000

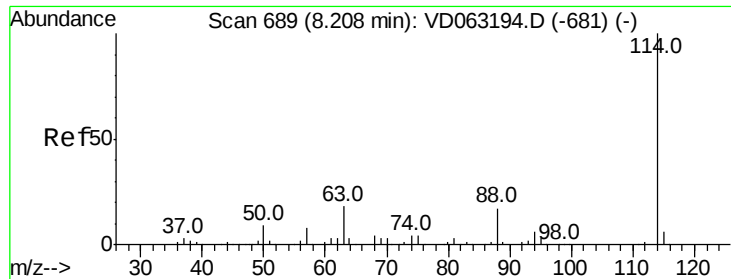
100000

50000

0

Time-->

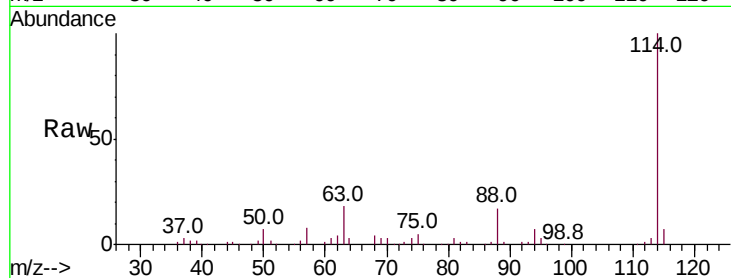




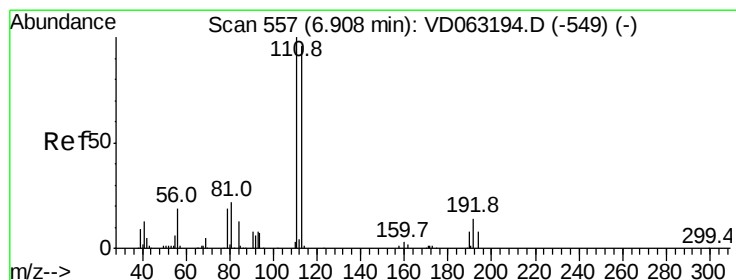
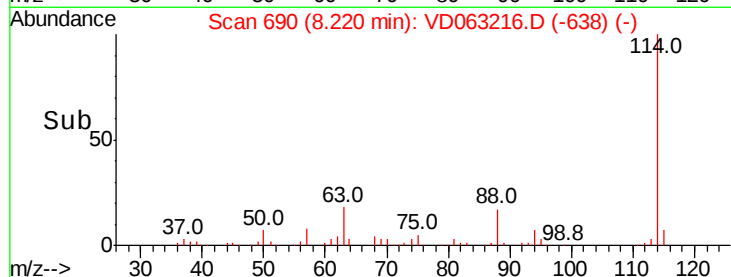
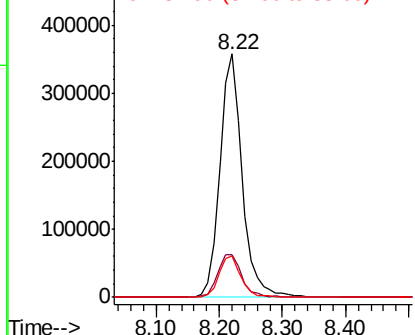
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063216.D
 Acq: 30 Jul 2019 00:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Tot Ion:114 Resp: 882224
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 17.1 0.0 34.6

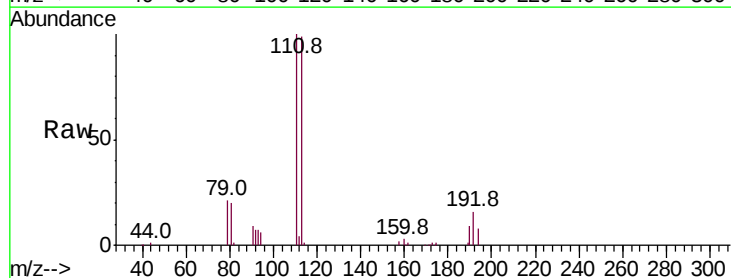


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

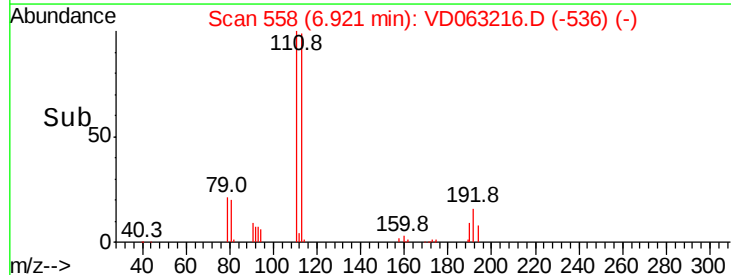
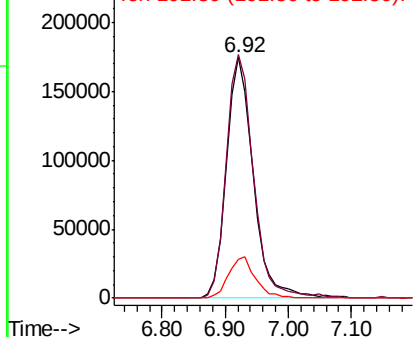


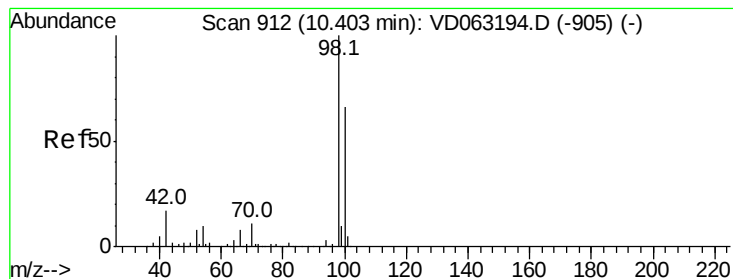
#35
 Dibromofluoromethane
 Concen: 68.298 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063216.D
 Acq: 30 Jul 2019 00:51

Tgt Ion:113 Resp: 514442
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.2 124.8
 192 16.0 11.8 17.8



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: 56.169 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063216.D

Acq: 30 Jul 2019 00:51

Instrument :

MSVOA_D

ClientSampleId :

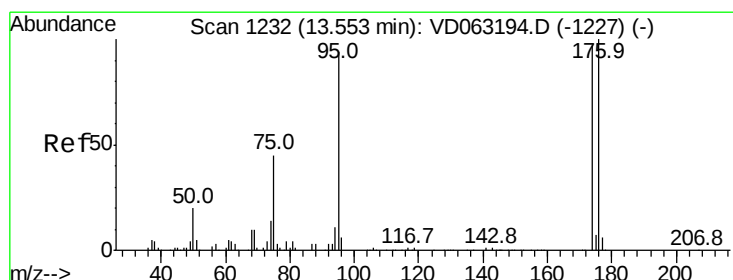
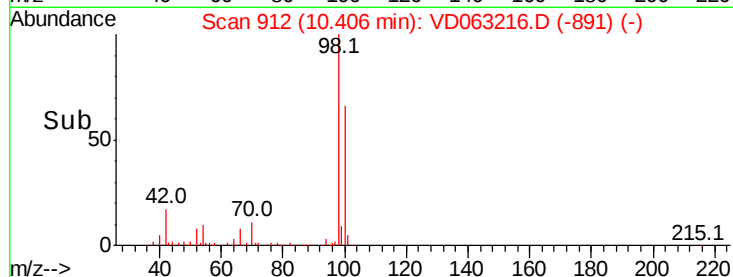
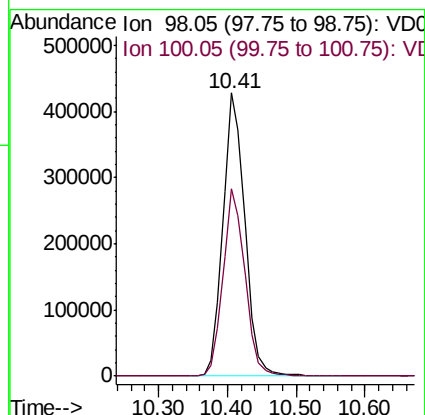
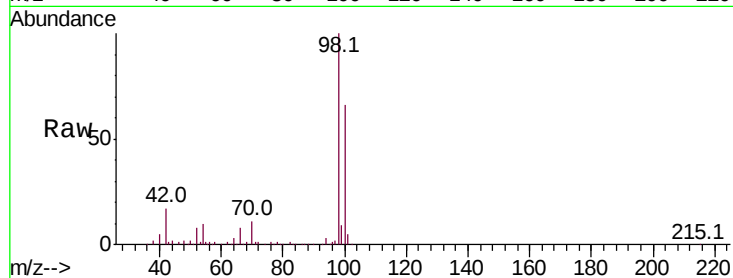
SP-3

Tot Ion: 98 Resp: 946850

Ion Ratio Lower Upper

98 100

100 66.1 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 41.434 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063216.D

Acq: 30 Jul 2019 00:51

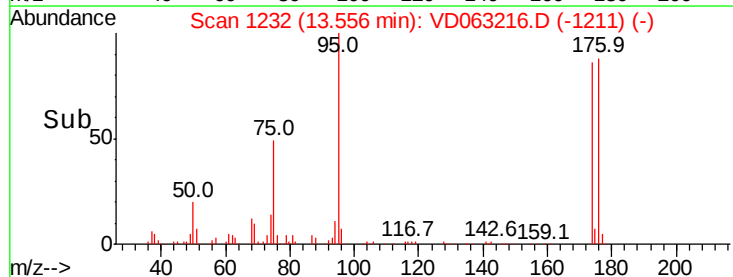
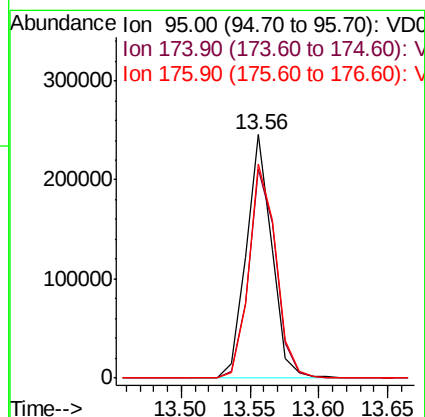
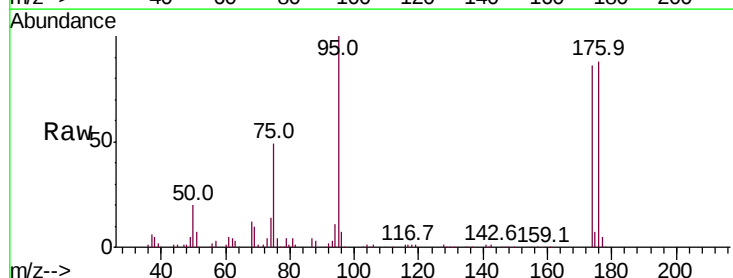
Tgt Ion: 95 Resp: 318286

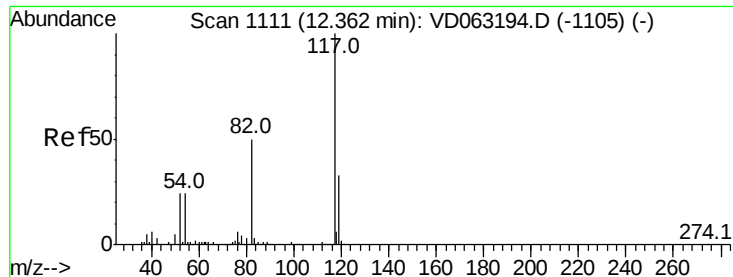
Ion Ratio Lower Upper

95 100

174 85.9 0.0 205.4

176 88.1 0.0 211.8

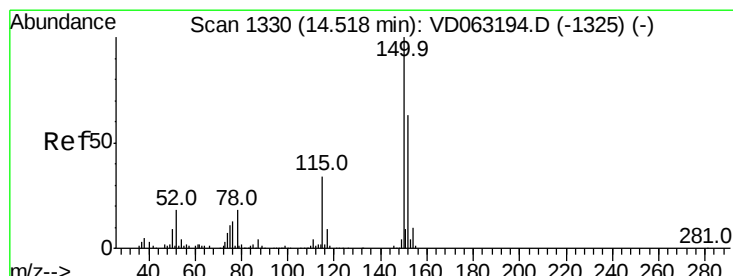
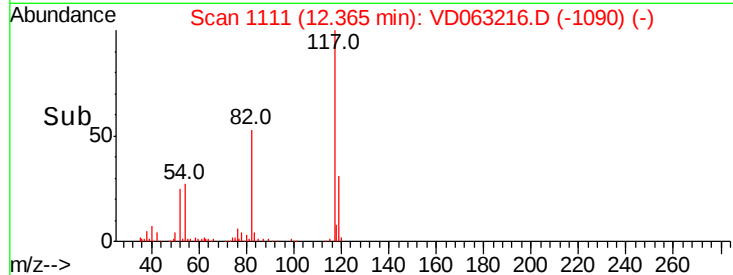
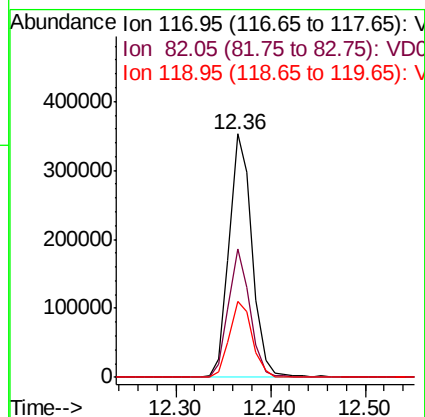
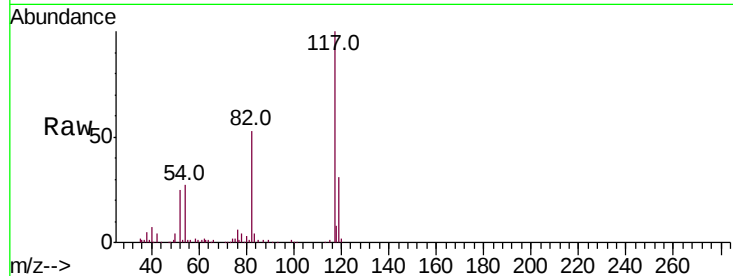




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063216.D
Acq: 30 Jul 2019 00:51

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	40.1	60.1
119	31.2	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063216.D
Acq: 30 Jul 2019 00:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	27.5	82.4
150	168.6	0.0	320.6

