

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063245.D
 Acq On : 30 Jul 2019 16:48
 Operator : VA/AP
 Sample : K4049-03RE
 Misc : 4.26g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3RE

Quant Time: Jul 31 06:35:54 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	855004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1117914	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	777825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	265131	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	372566	39.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.54%	
35) Dibromofluoromethane	6.92	113	431758	45.24	ug/l	0.01
Spiked Amount	50.000		Recovery	=	90.48%	
50) Toluene-d8	10.40	98	810868	37.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.92%	
62) 4-Bromofluorobenzene	13.55	95	246479	25.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.64%	

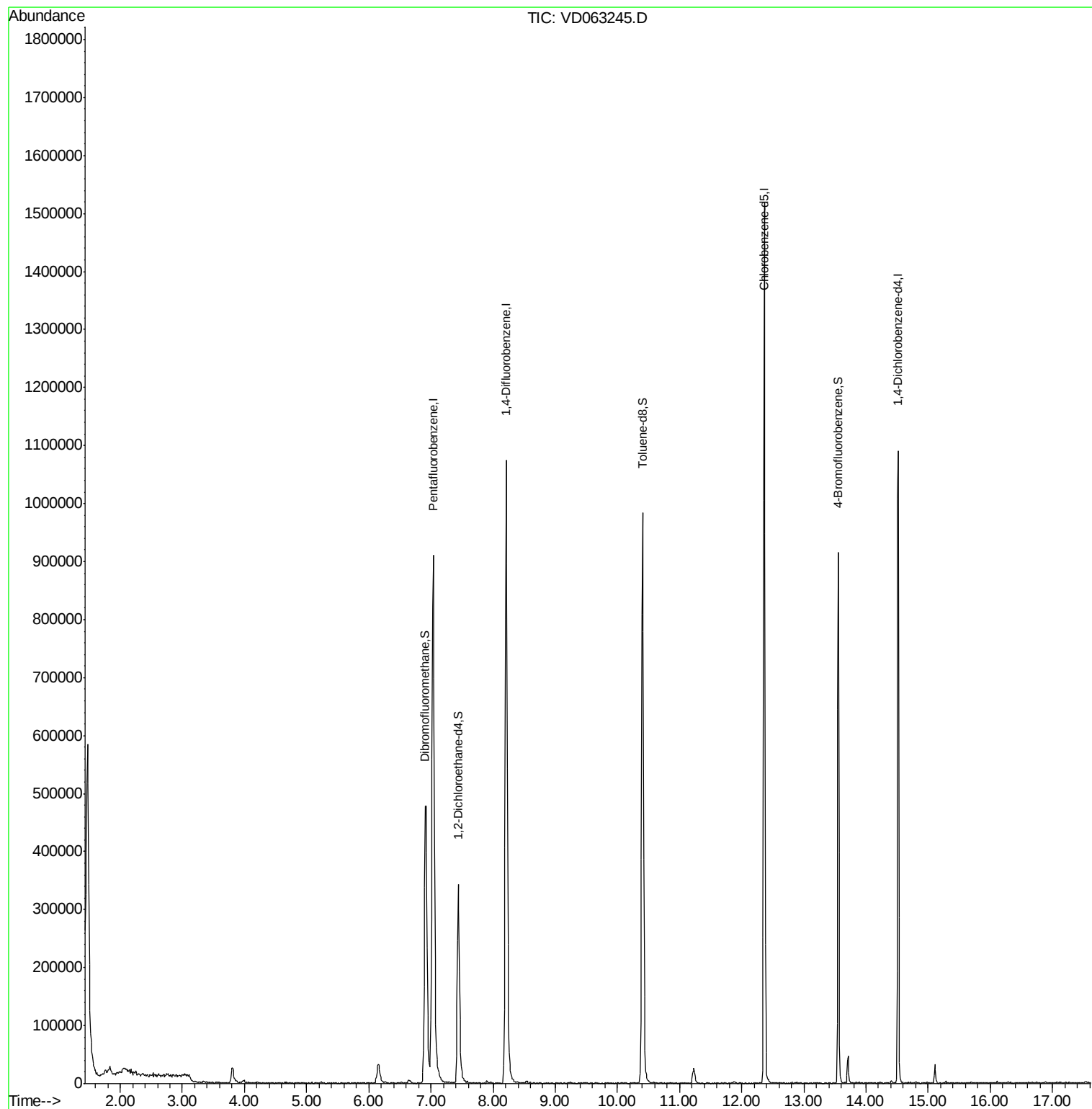
Target Compounds	Qvalue

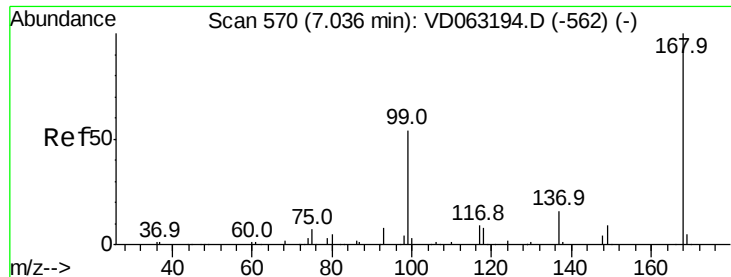
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063245.D

Acq: 30 Jul 2019 16:48

Instrument :

MSVOA_D

ClientSampleId :

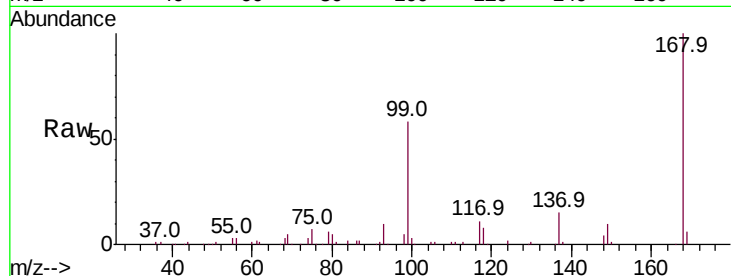
SP-3RE

Tot Ion:168 Resp: 855004

Ion Ratio Lower Upper

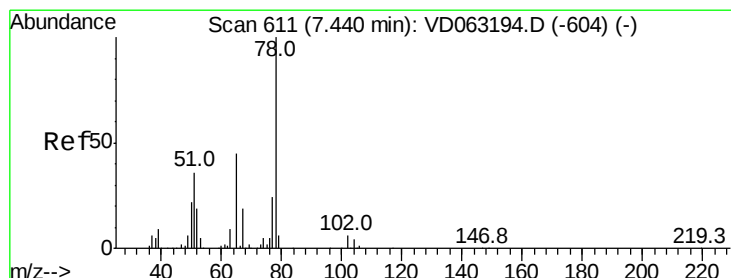
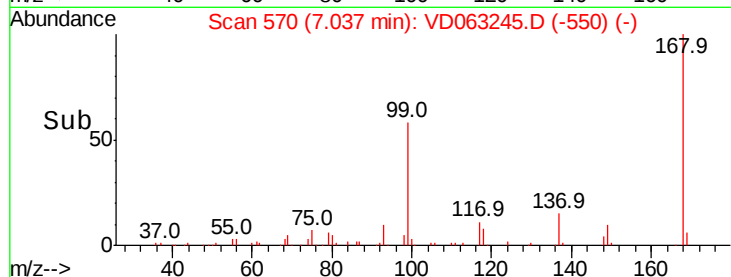
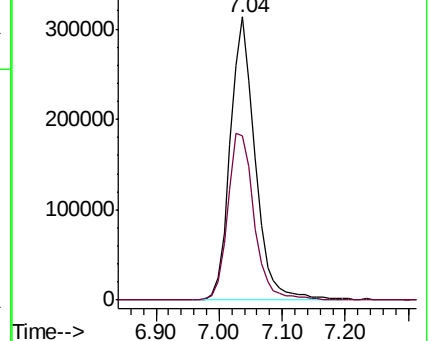
168 100

99 58.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 39.271 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063245.D

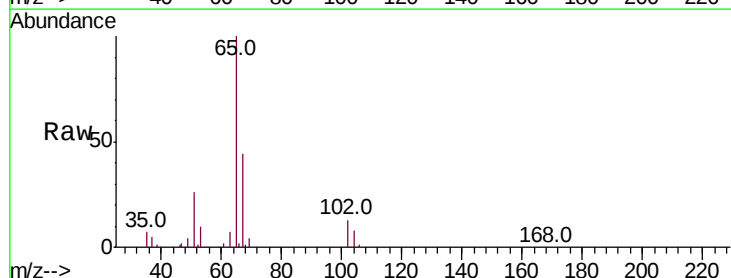
Acq: 30 Jul 2019 16:48

Tgt Ion: 65 Resp: 372566

Ion Ratio Lower Upper

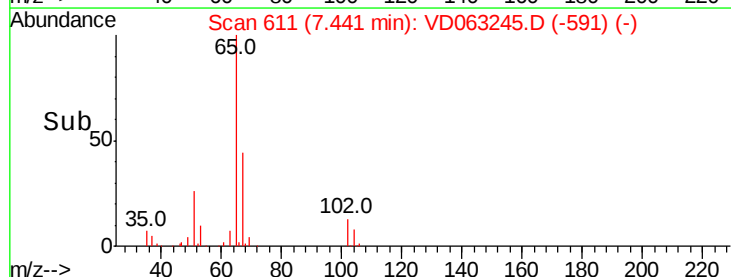
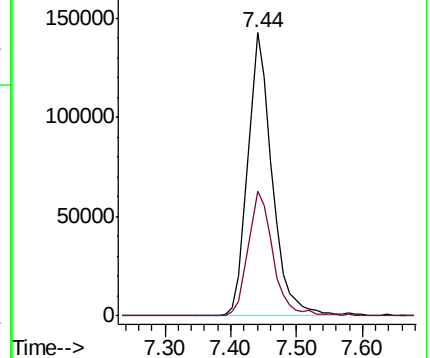
65 100

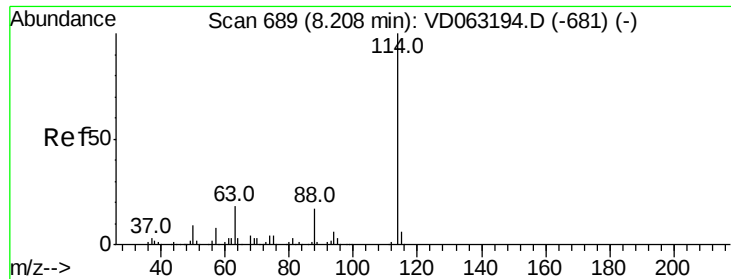
67 44.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

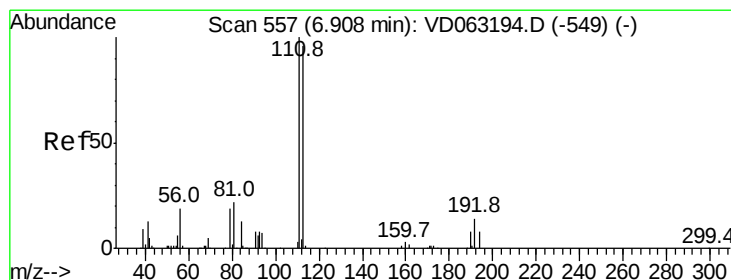
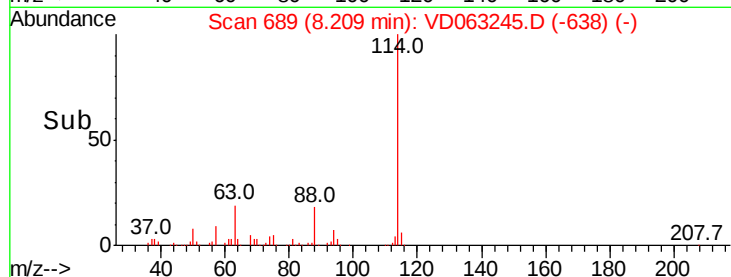
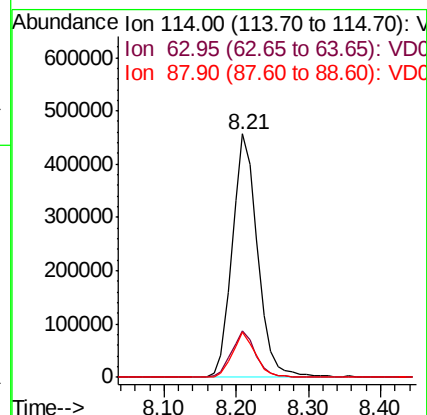
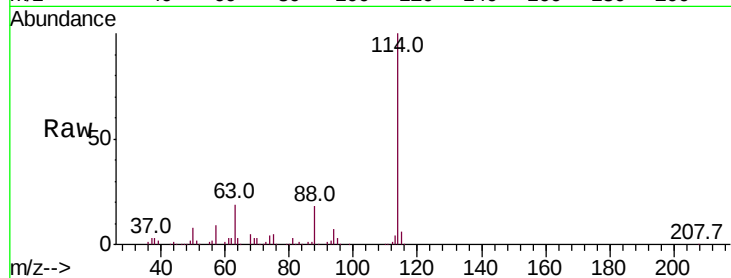




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063245.D
 Acq: 30 Jul 2019 16:48

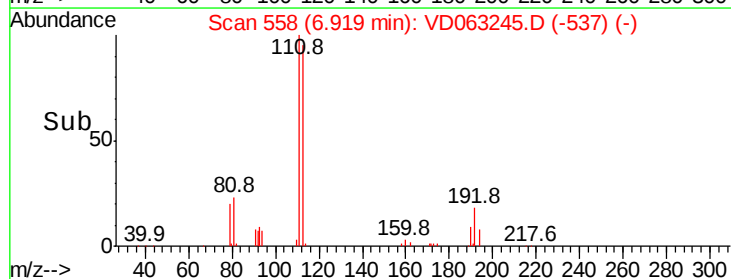
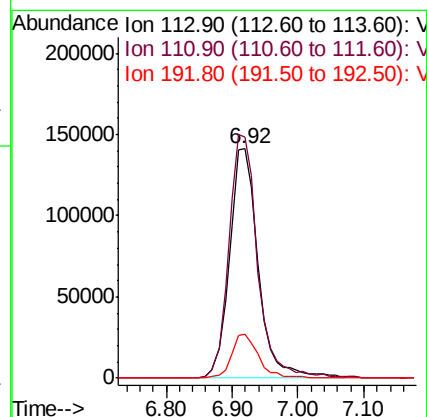
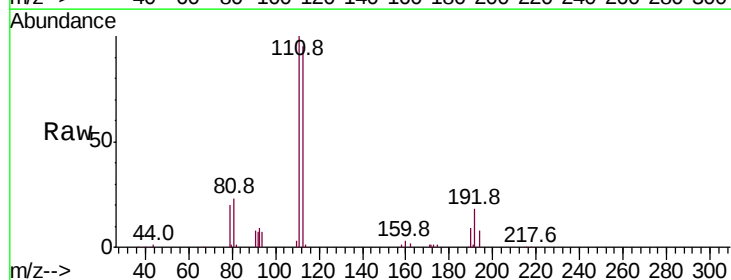
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3RE

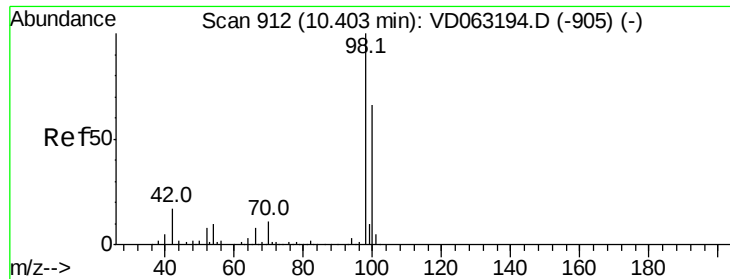
Tot Ion:114 Resp: 1117914
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.2
 88 18.4 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 45.236 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063245.D
 Acq: 30 Jul 2019 16:48

Tgt Ion:113 Resp: 431758
 Ion Ratio Lower Upper
 113 100
 111 105.4 83.2 124.8
 192 19.0 11.8 17.8#

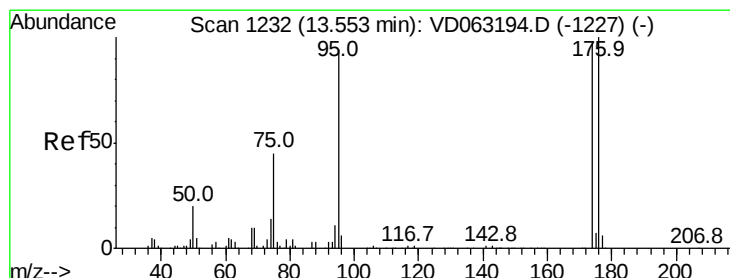
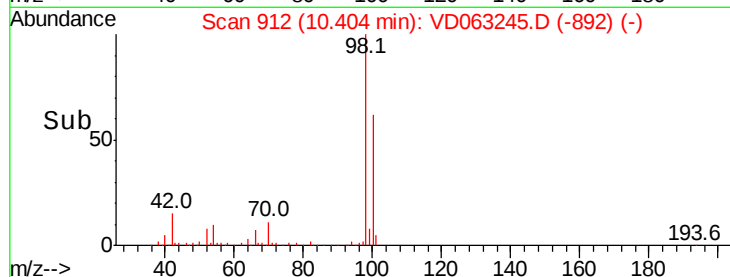
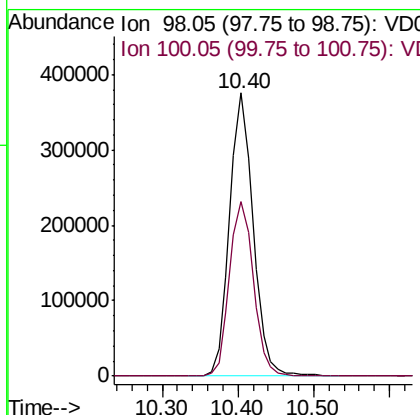
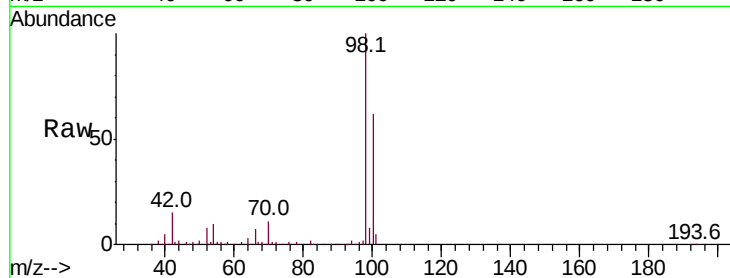




#50
Toluene-d8
Concen: 37.961 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063245.D
Acq: 30 Jul 2019 16:48

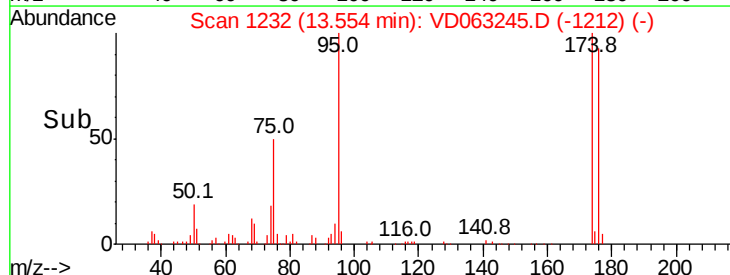
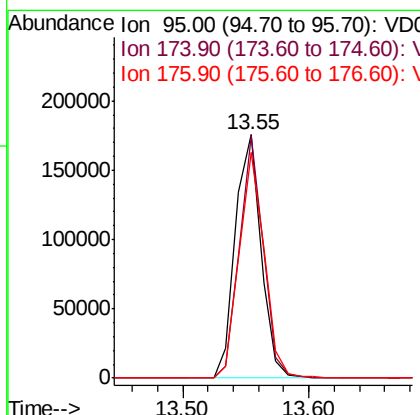
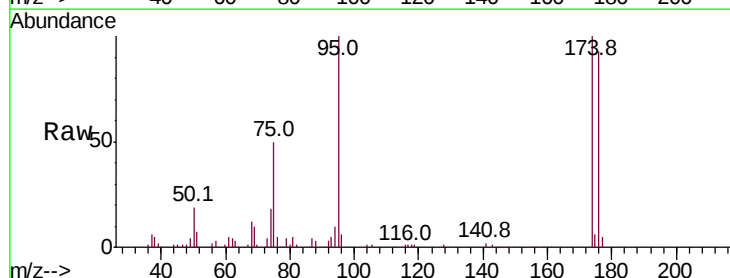
Instrument :
MSVOA_D
ClientSampleId :
SP-3RE

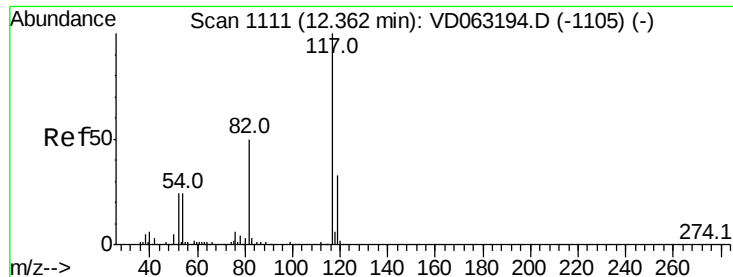
Tot Ion: 98 Resp: 810868
Ion Ratio Lower Upper
98 100
100 61.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 25.321 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063245.D
Acq: 30 Jul 2019 16:48

Tgt Ion: 95 Resp: 246479
Ion Ratio Lower Upper
95 100
174 99.6 0.0 205.4
176 92.8 0.0 211.8

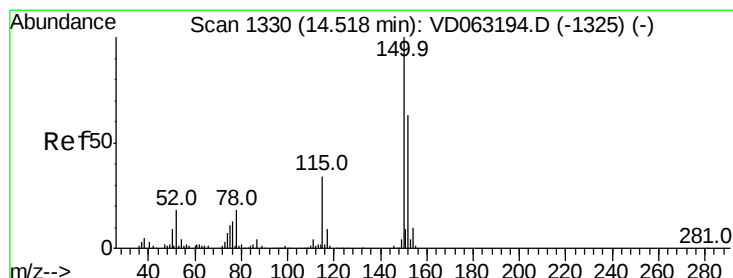
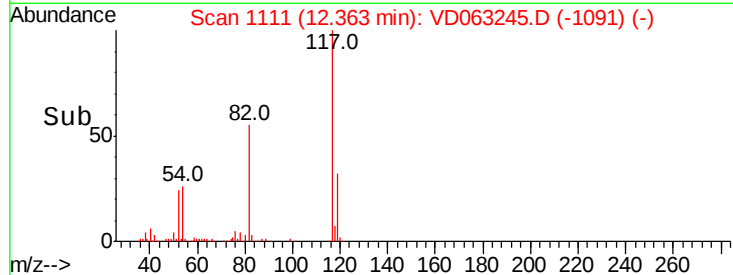
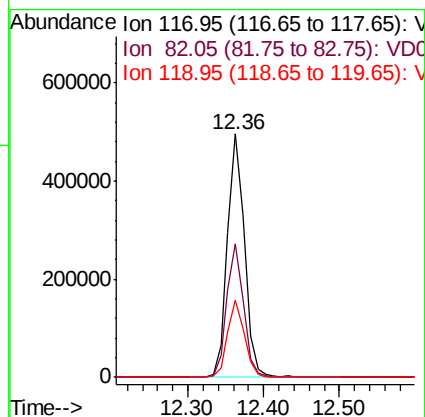
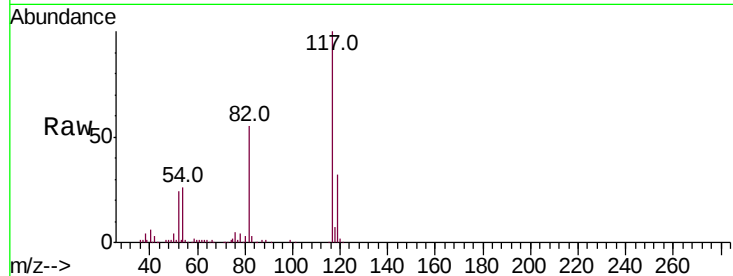




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063245.D
Acq: 30 Jul 2019 16:48

Instrument :
MSVOA_D
ClientSampleId :
SP-3RE

Tot Ion:117 Resp: 777825
Ion Ratio Lower Upper
117 100
82 55.0 40.1 60.1
119 31.8 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: VD063245.D
Acq: 30 Jul 2019 16:48

Tgt Ion:152 Resp: 265131
Ion Ratio Lower Upper
152 100
115 51.8 27.5 82.4
150 148.0 0.0 320.6

