

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063205.D
 Acq On : 29 Jul 2019 18:02
 Operator : VA/AP
 Sample : K4044-09
 Misc : 5.63g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 30 03:48:19 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	725077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	994277	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	815249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	404383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	541665	67.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.66%	
35) Dibromofluoromethane	6.91	113	639144	75.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.58%	
50) Toluene-d8	10.40	98	1279521	67.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.70%	
62) 4-Bromofluorobenzene	13.55	95	581230	67.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.28%	

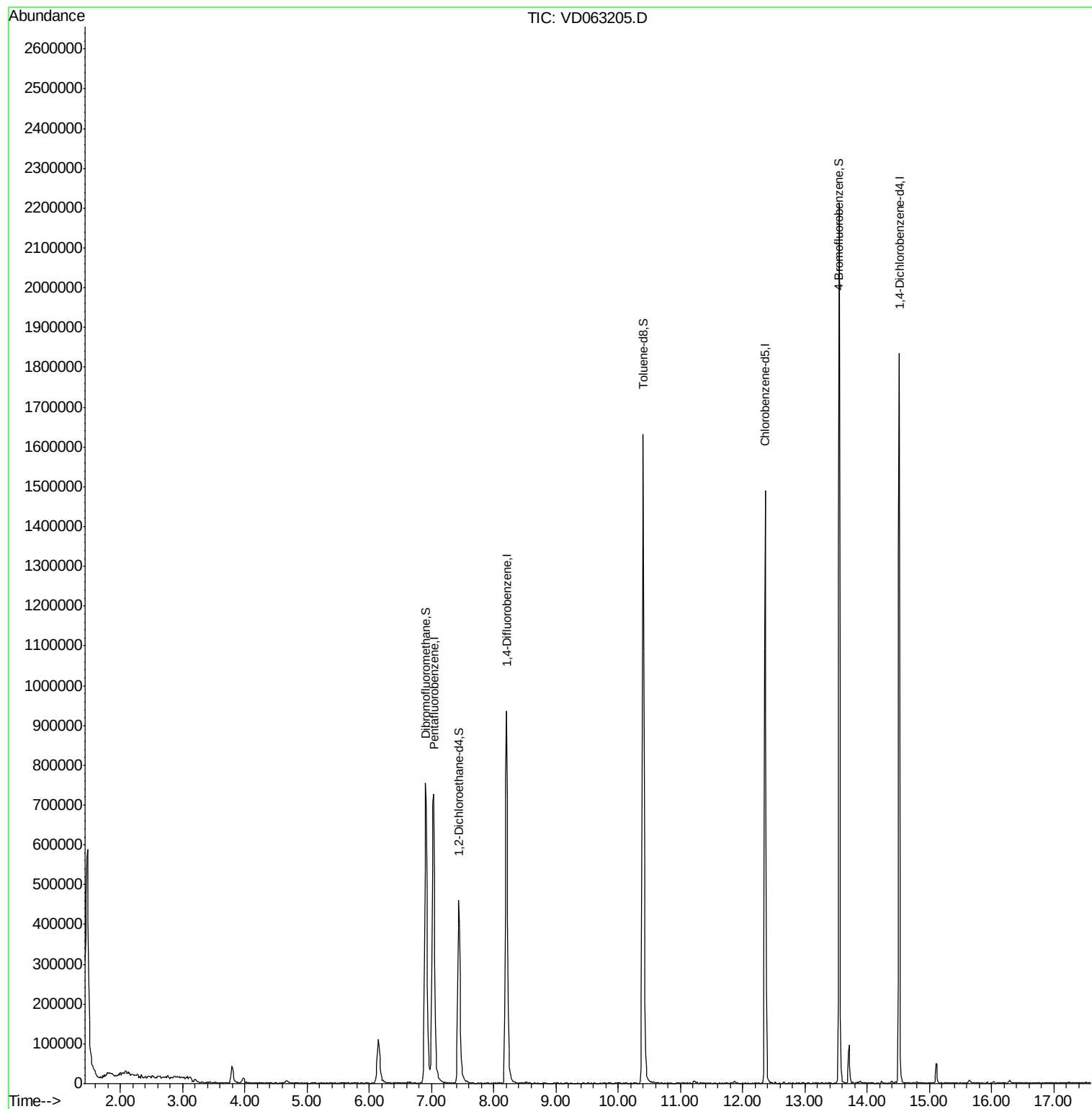
Target Compounds	Qvalue

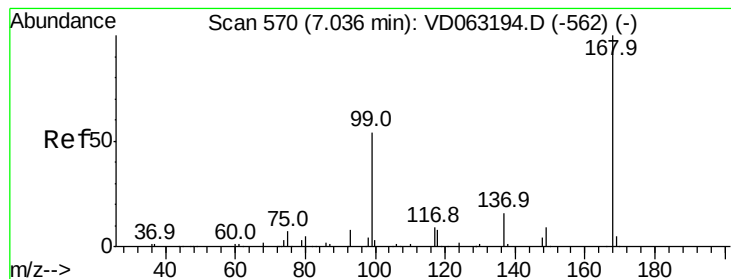
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072919\
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Quant 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: VD063205.D

Acq: 29 Jul 2019 18:02

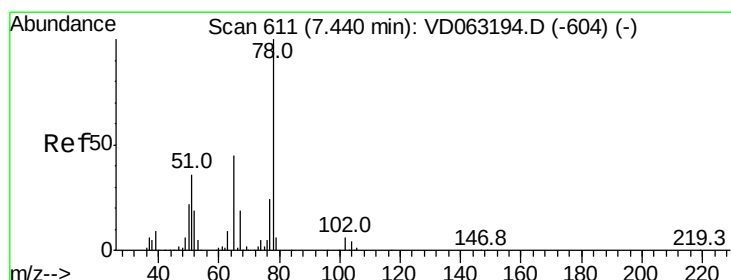
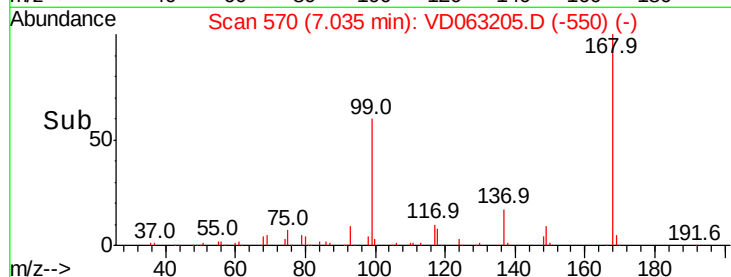
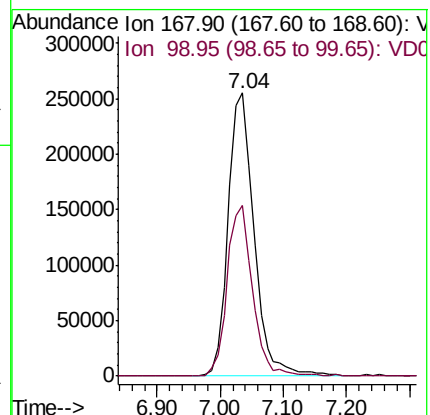
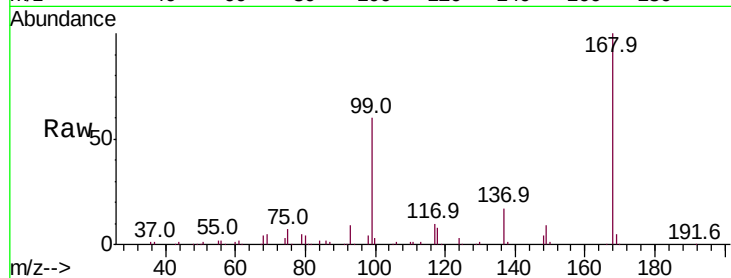
Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion:168 Resp: 725077

Ion Ratio Lower Upper

168 100

99 60.2 43.7 65.5



#33

1,2-Dichloroethane-d4

Concen: 67.326 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063205.D

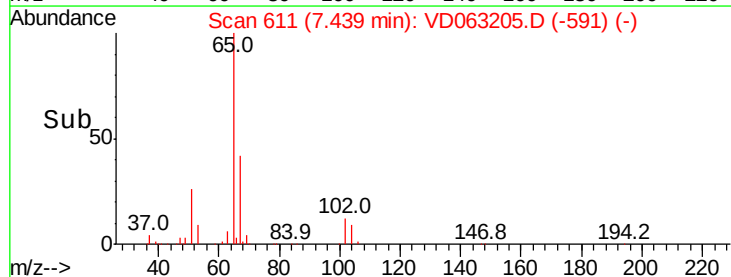
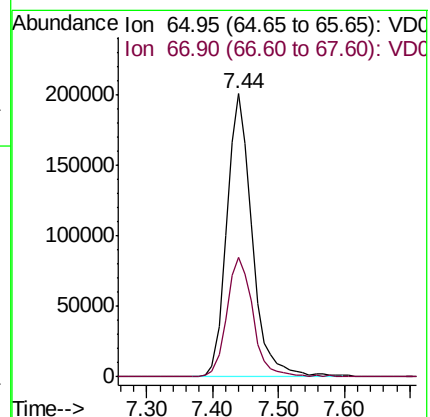
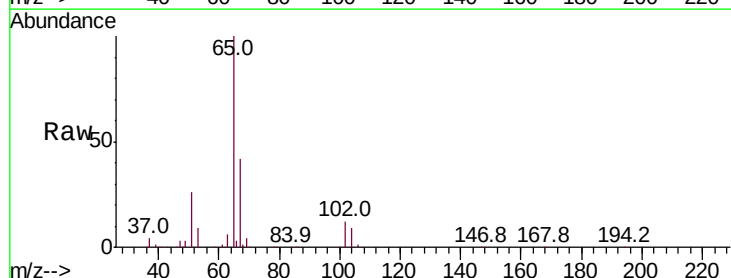
Acq: 29 Jul 2019 18:02

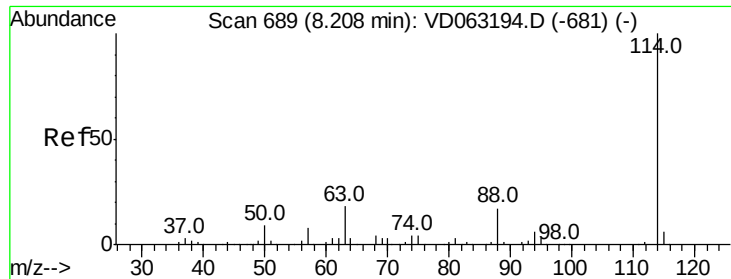
Tgt Ion: 65 Resp: 541665

Ion Ratio Lower Upper

65 100

67 42.1 0.0 85.8

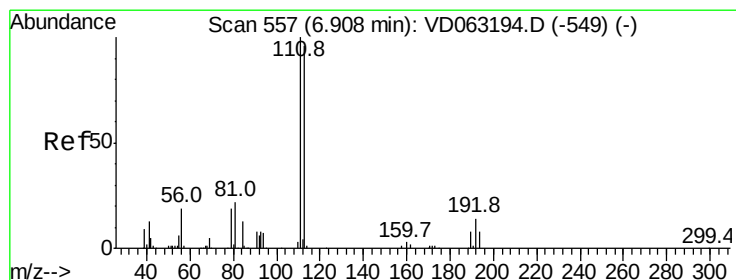
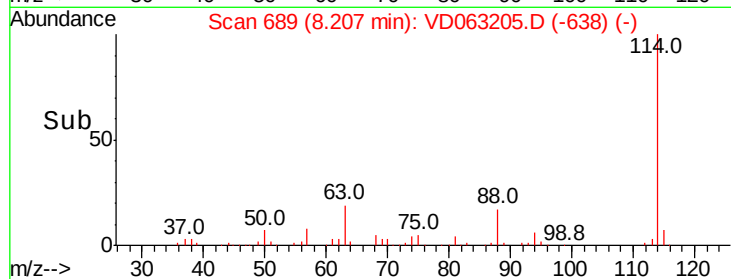
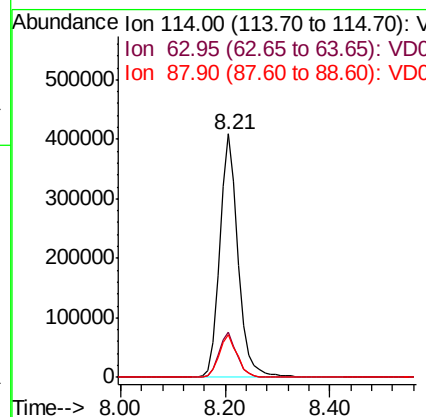
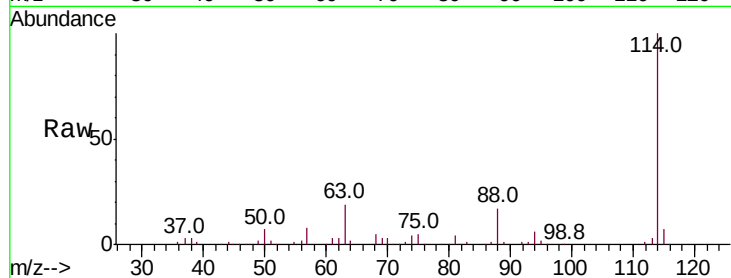




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063205.D
 Acq: 29 Jul 2019 18:02

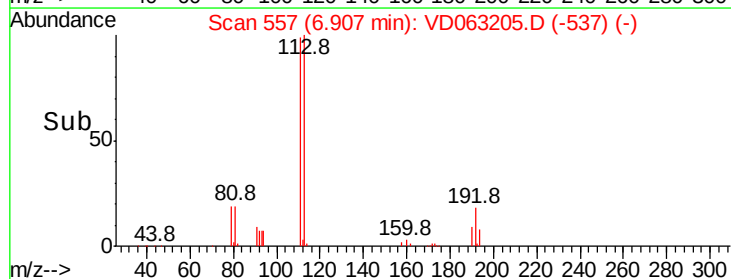
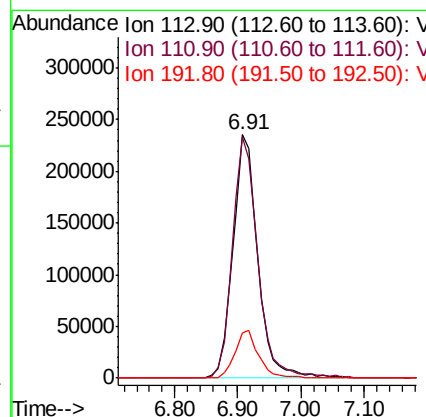
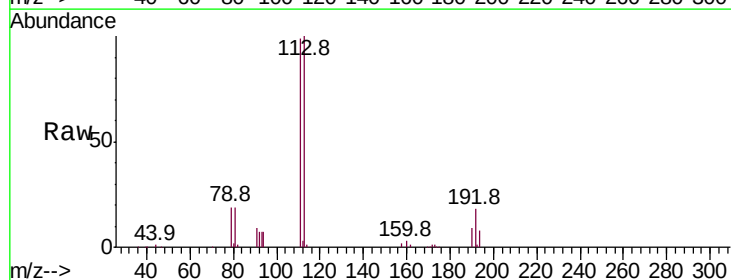
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

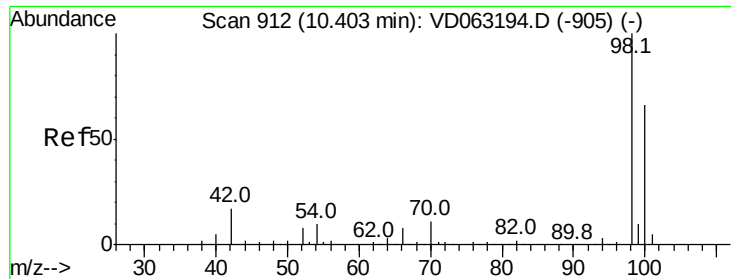
Tot Ion:114 Resp: 994277
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.2
 88 17.3 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 75.291 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063205.D
 Acq: 29 Jul 2019 18:02

Tgt Ion:113 Resp: 639144
 Ion Ratio Lower Upper
 113 100
 111 99.3 83.2 124.8
 192 18.3 11.8 17.8#





#50

Toluene-d8

Concen: 67.349 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063205.D

Acq: 29 Jul 2019 18:02

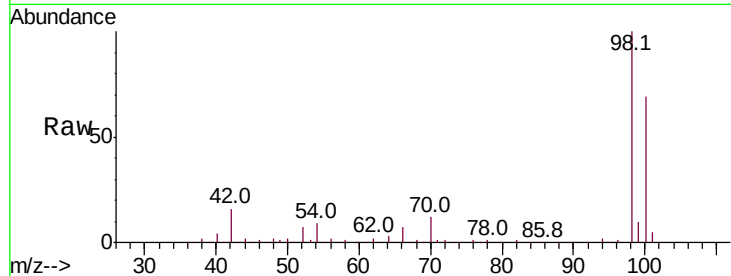
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion: 98 Resp: 1279521

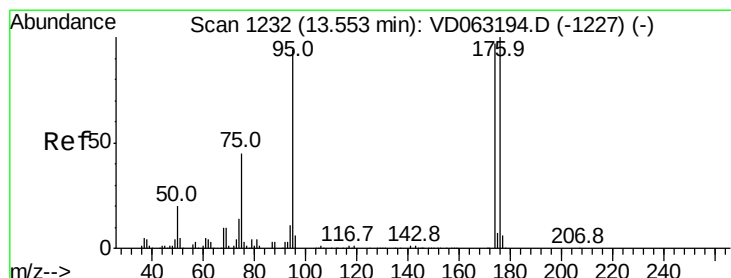
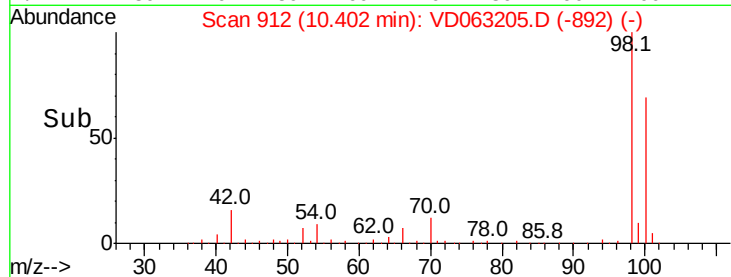
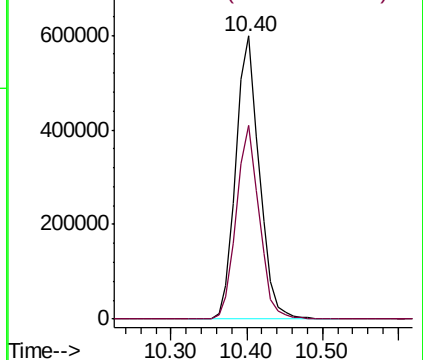
Ion Ratio Lower Upper

98 100

100 68.5 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 67.136 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063205.D

Acq: 29 Jul 2019 18:02

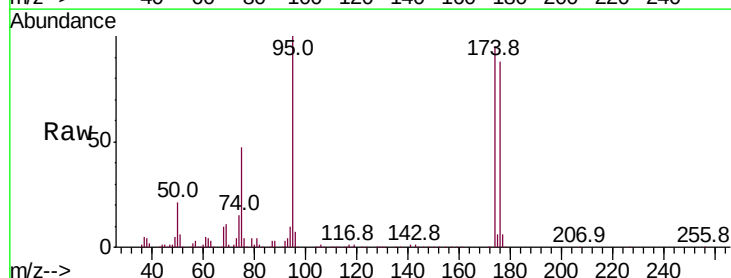
Tgt Ion: 95 Resp: 581230

Ion Ratio Lower Upper

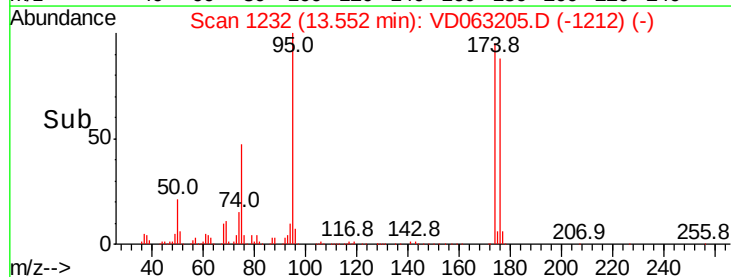
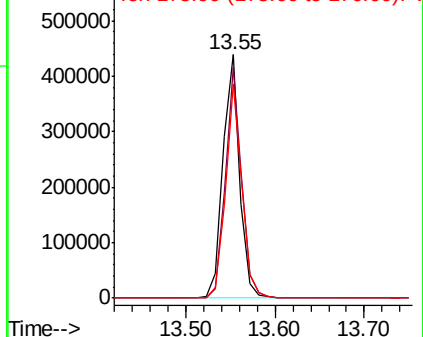
95 100

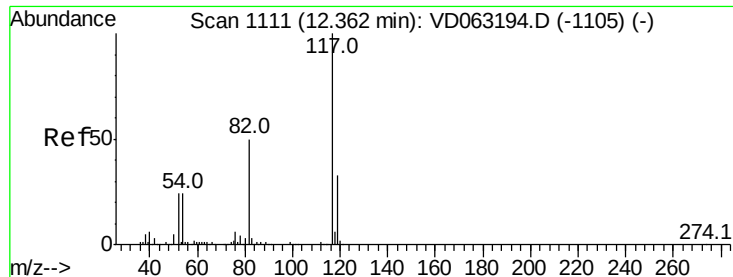
174 94.7 0.0 205.4

176 88.0 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

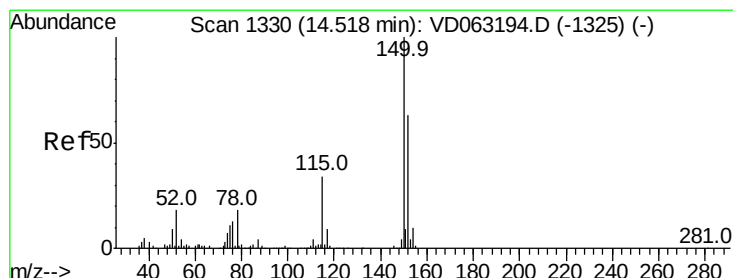
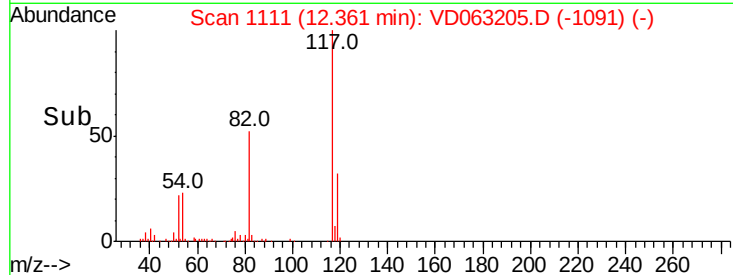
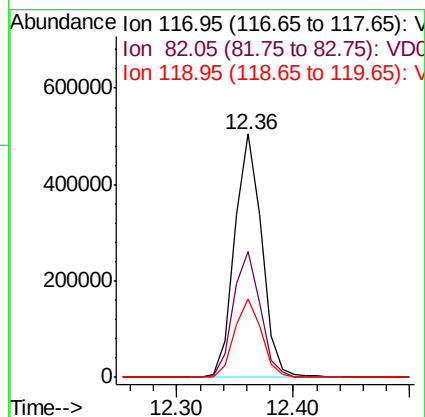
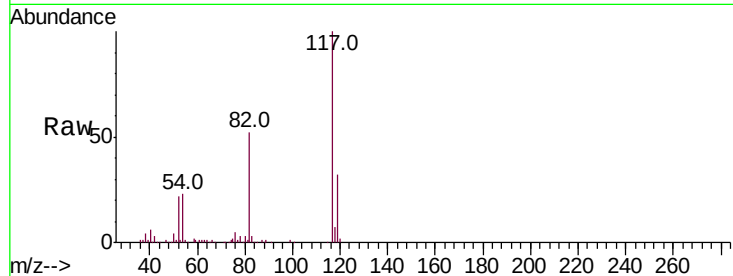




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063205.D
Acq: 29 Jul 2019 18:02

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	40.1	60.1
119	32.1	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: VD063205.D
Acq: 29 Jul 2019 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	27.5	82.4
150	148.7	0.0	320.6

