

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063026.D
 Acq On : 3 Jul 2019 16:04
 Operator : VA/AP
 Sample : K3682-02
 Misc : 5.18g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-2X-ROLL-OFF-2-STOCK-PILE

Quant Time: Jul 04 02:05:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	220405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	319705	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	300047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	152020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	153223	63.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.92%	
35) Dibromofluoromethane	6.93	113	135113	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	10.41	98	267370	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
62) 4-Bromofluorobenzene	13.55	95	134330	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

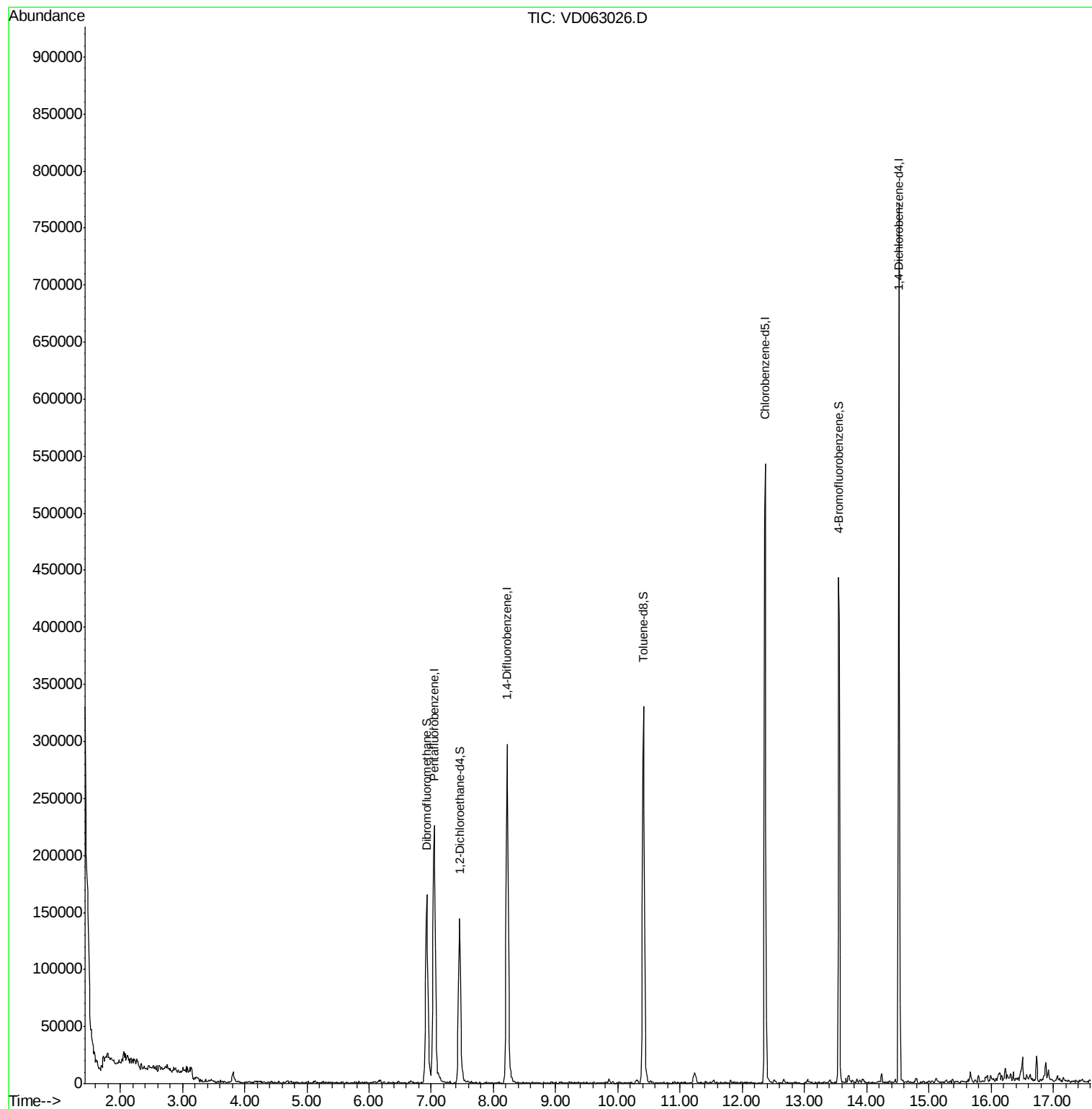
Target Compounds	Qvalue

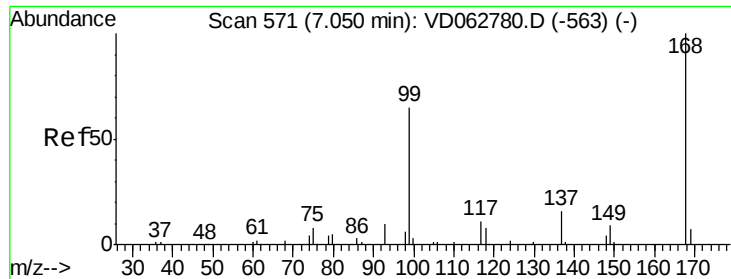
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063026.D

Acq: 3 Jul 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

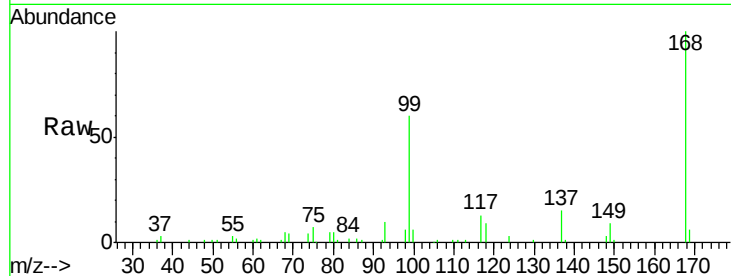
D-2X-ROLL-OFF-2-STOCK-PILE

Tot Ion:168 Resp: 220405

Ion Ratio Lower Upper

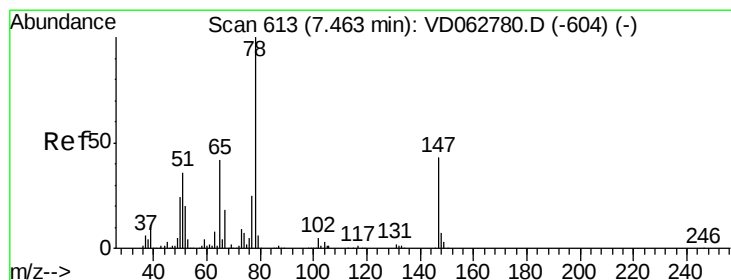
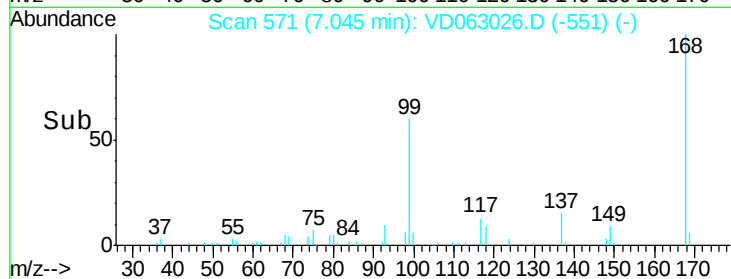
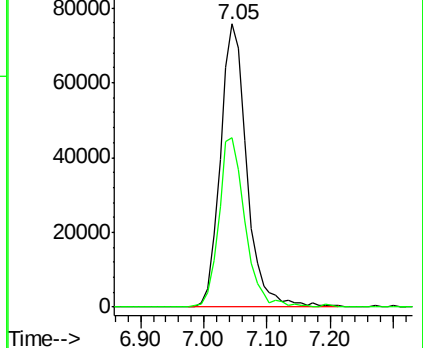
168 100

99 60.0 53.0 79.6



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: 63.956 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063026.D

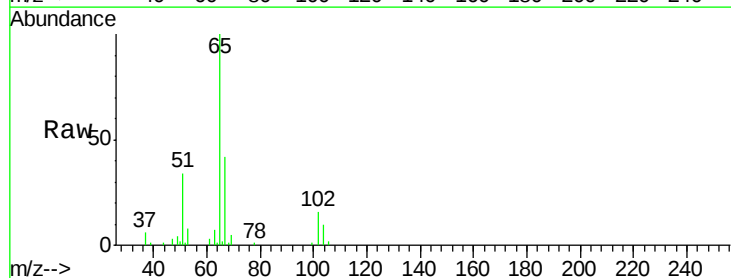
Acq: 3 Jul 2019 16:04

Tgt Ion: 65 Resp: 153223

Ion Ratio Lower Upper

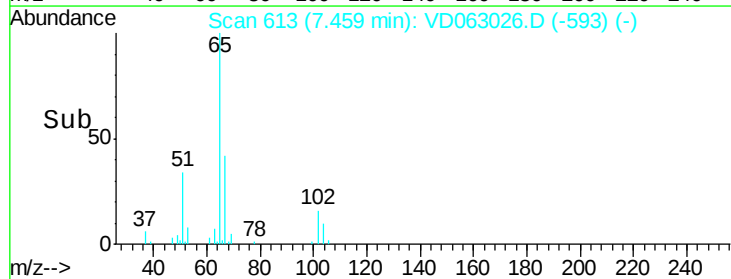
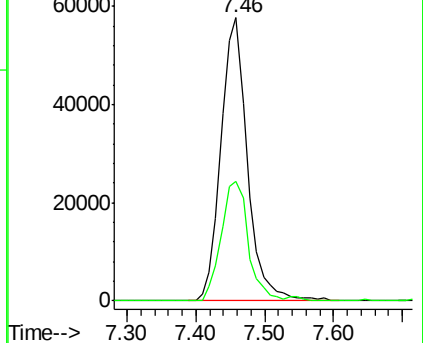
65 100

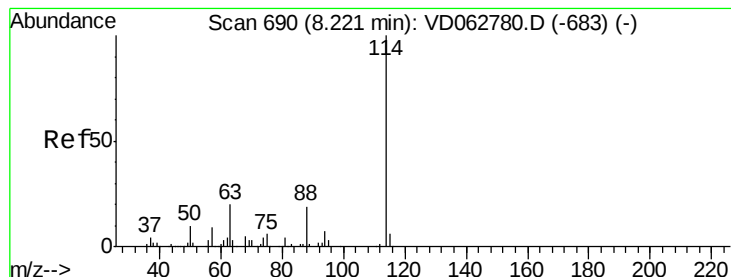
67 42.2 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD063026.D

Acq: 3 Jul 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

D-2X-ROLL-OFF-2-STOCK-PILE

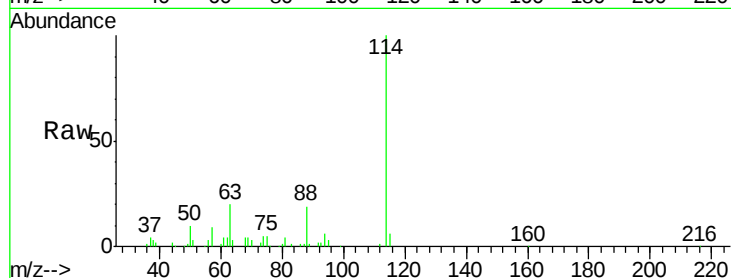
Tot Ion:114 Resp: 319705

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

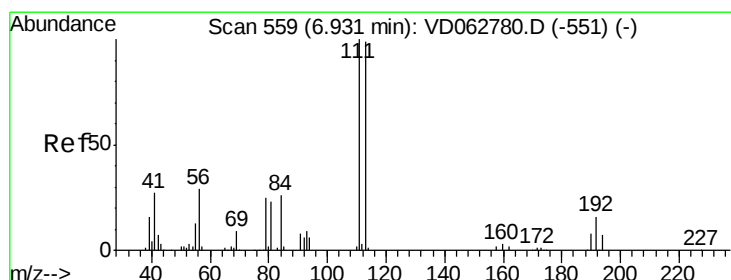
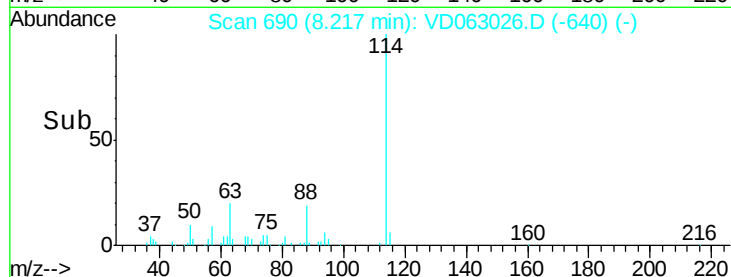
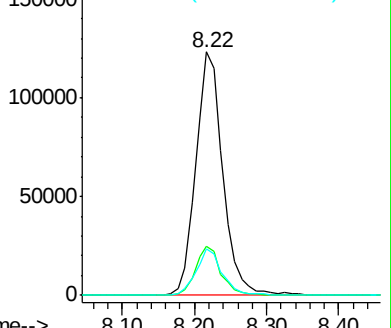
88 19.0 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.121 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063026.D

Acq: 3 Jul 2019 16:04

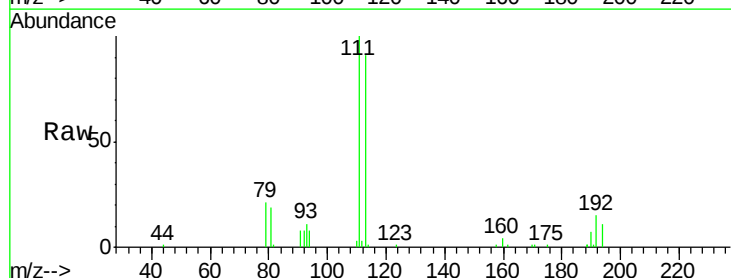
Tgt Ion:113 Resp: 135113

Ion Ratio Lower Upper

113 100

111 110.4 81.2 121.8

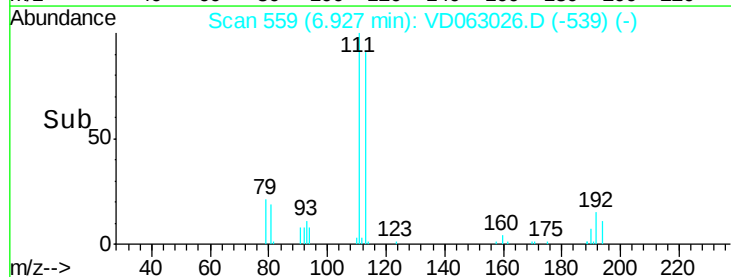
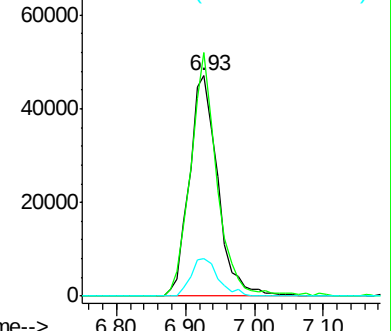
192 16.9 12.9 19.3

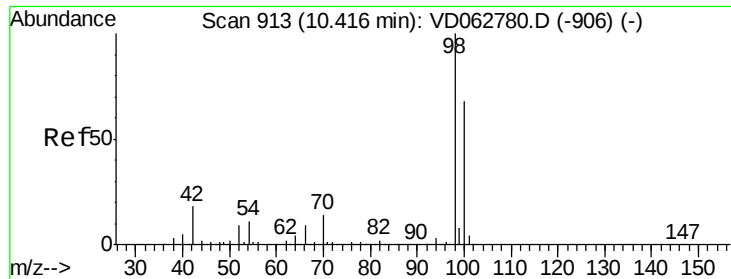


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

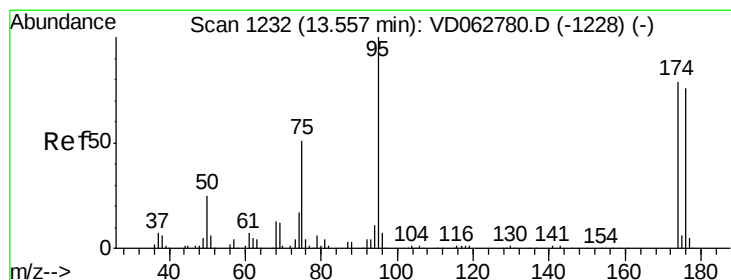
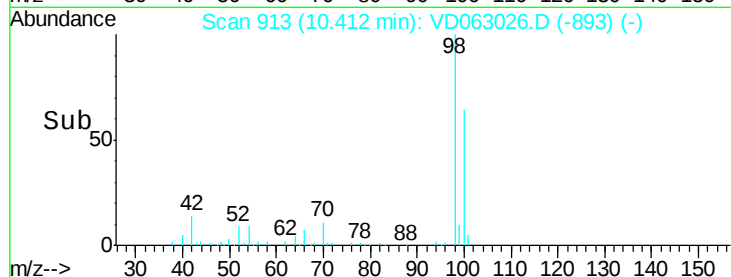
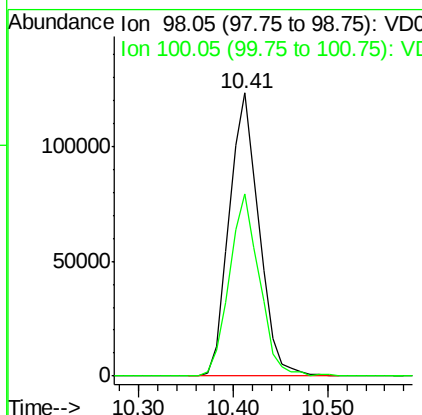
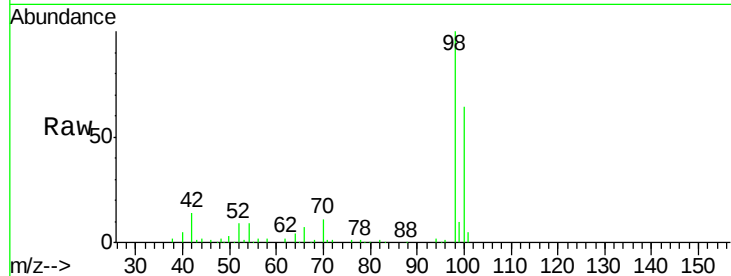




#50
Toluene-d8
Concen: 45.571 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063026.D
Acq: 3 Jul 2019 16:04

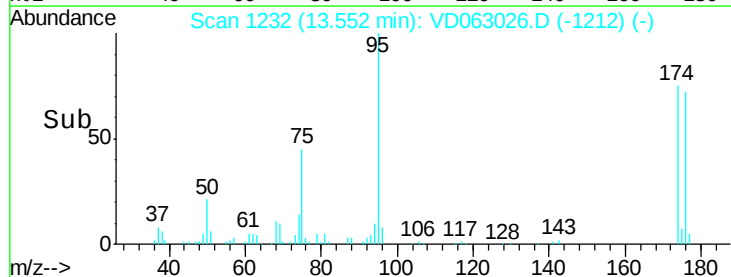
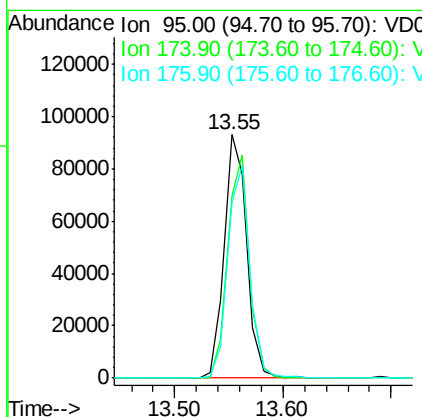
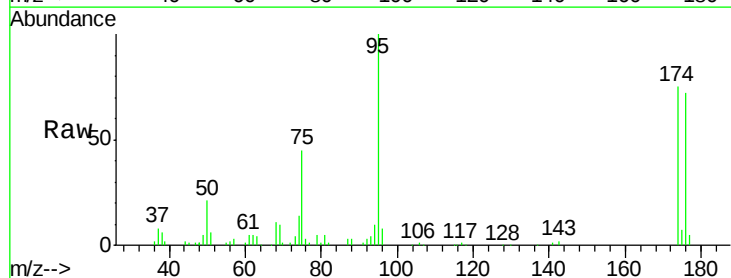
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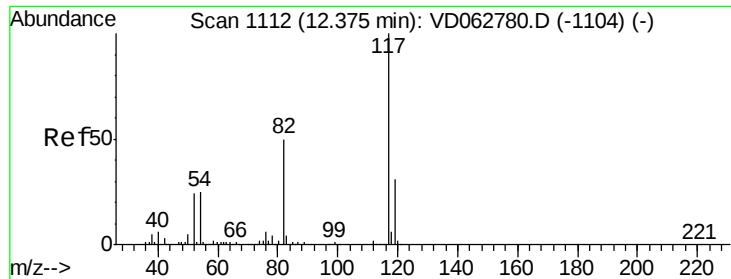
Tot Ion: 98 Resp: 267370
Ion Ratio Lower Upper
98 100
100 64.4 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 50.352 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063026.D
Acq: 3 Jul 2019 16:04

Tgt Ion: 95 Resp: 134330
Ion Ratio Lower Upper
95 100
174 74.6 0.0 158.0
176 72.0 0.0 151.6

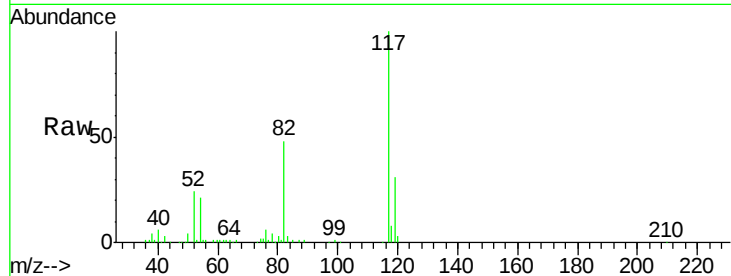




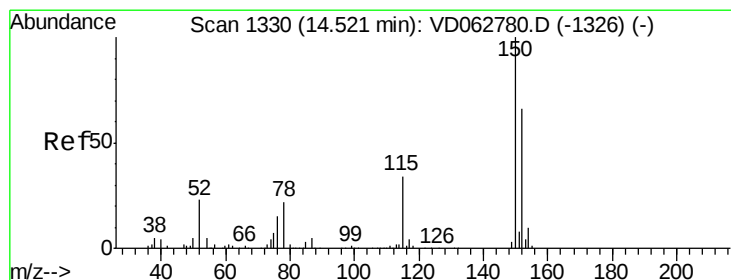
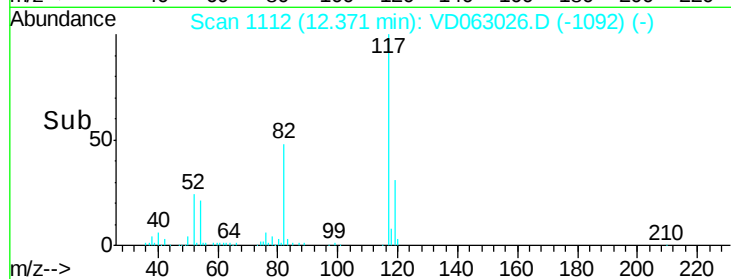
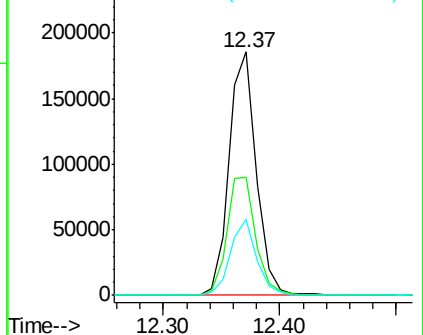
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063026.D
Acq: 3 Jul 2019 16:04

Instrument :
MSVOA_D
ClientSampleId :
D-2X-ROLL-OFF-2-STOCK-PILE

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.4	40.4	60.6
119	31.2	25.2	37.8

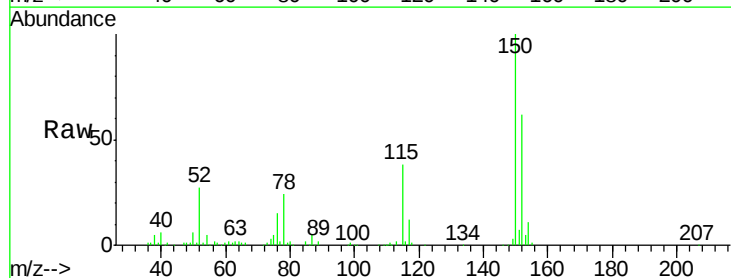


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063026.D
Acq: 3 Jul 2019 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.2	87.6
150	160.4	0.0	305.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

