

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062962.D
 Acq On : 28 Jun 2019 13:24
 Operator : VA/AP
 Sample : K3552-16
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-8A

Quant Time: Jun 29 00:49:49 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	7.01	168	569048	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	897598	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	744853	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	370074	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	379185	61.30	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	122.60%	
35) Dibromofluoromethane	6.89	113	390395	51.58	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	10.39	98	755979	45.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	13.54	95	359352	47.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.96%	

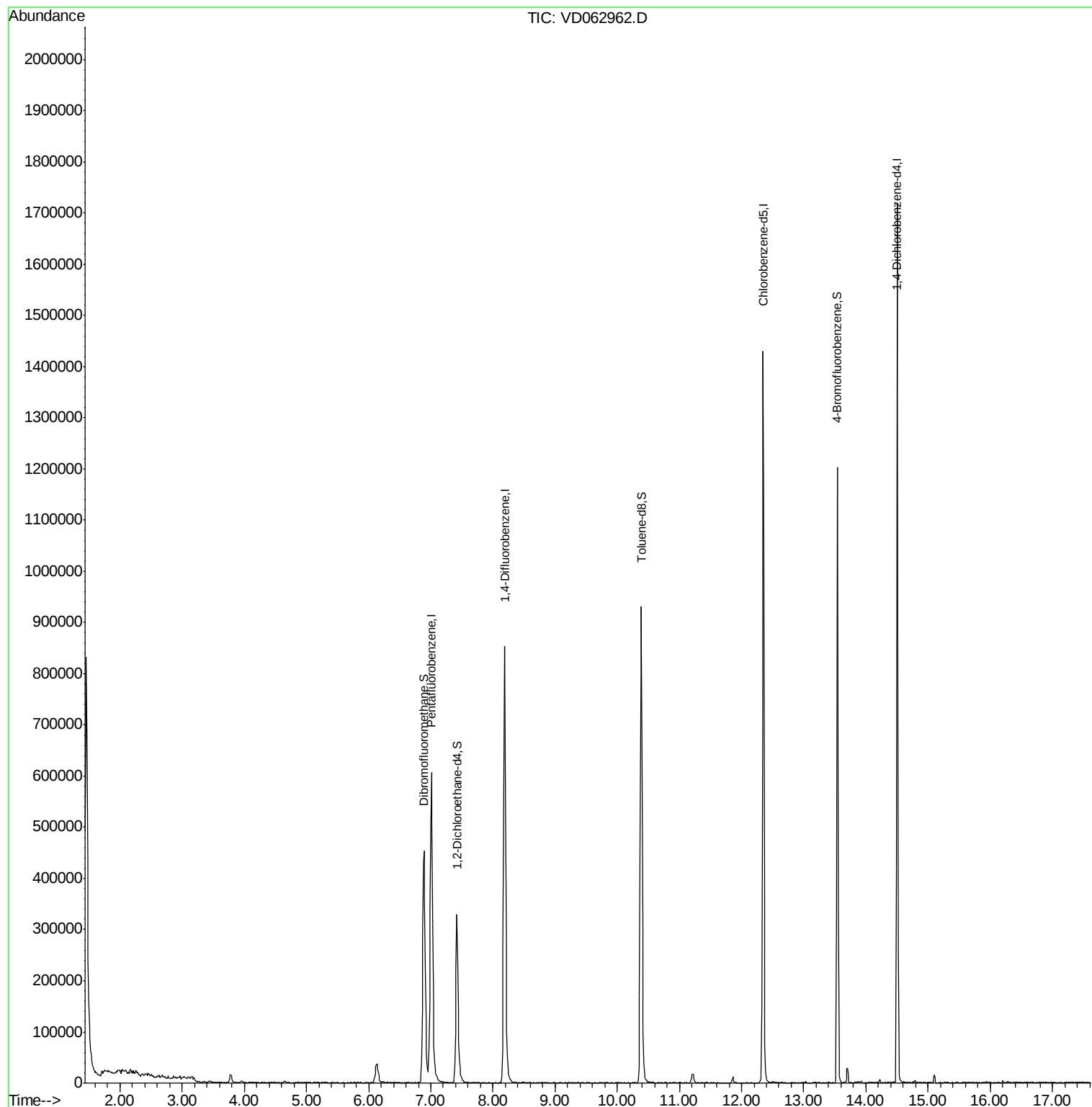
Target Compounds	Qvalue
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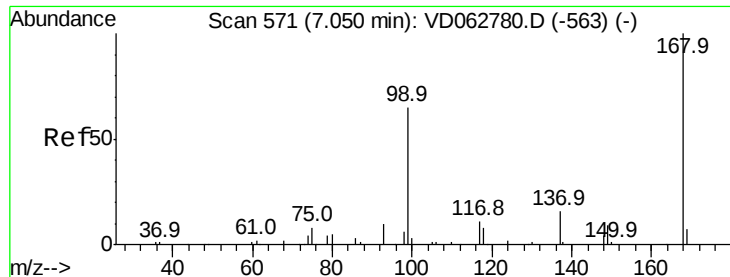
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.04 min

Lab File: VD062962.D

Acq: 28 Jun 2019 13:24

Instrument :

MSVOA_D

ClientSampleId :

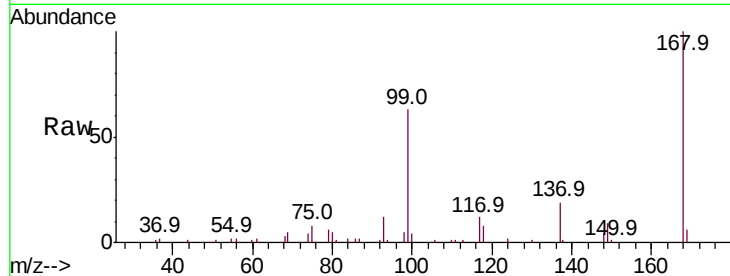
M-8A

Tot Ion:168 Resp: 569048

Ion Ratio Lower Upper

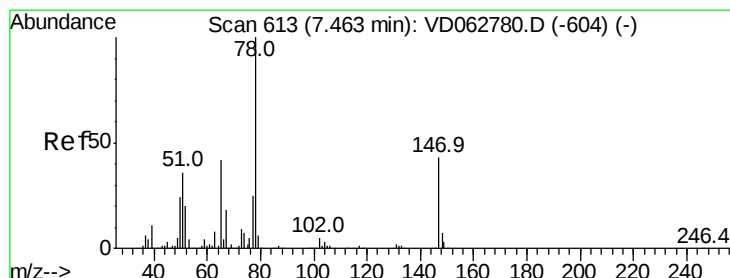
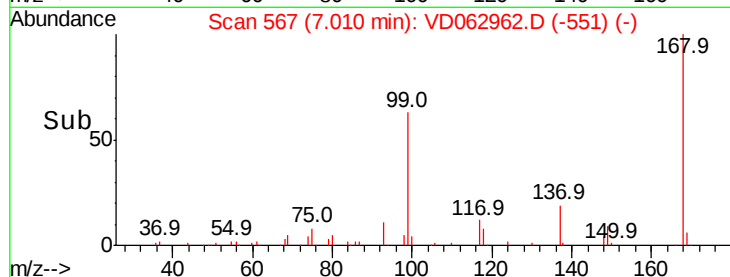
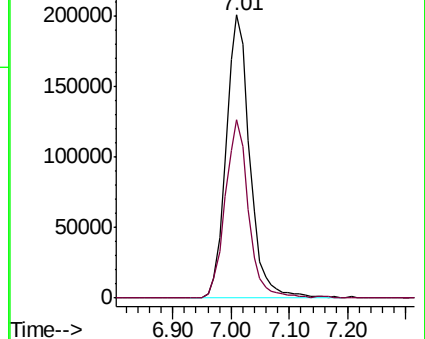
168 100

99 63.0 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: 61.303 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062962.D

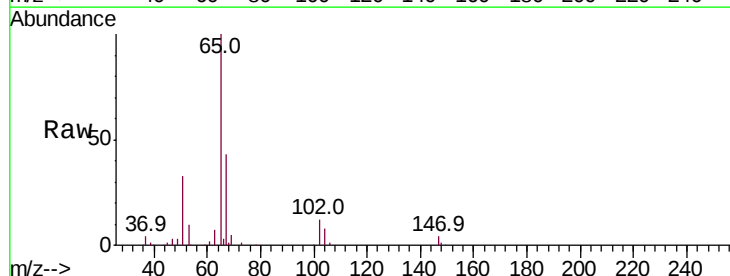
Acq: 28 Jun 2019 13:24

Tgt Ion: 65 Resp: 379185

Ion Ratio Lower Upper

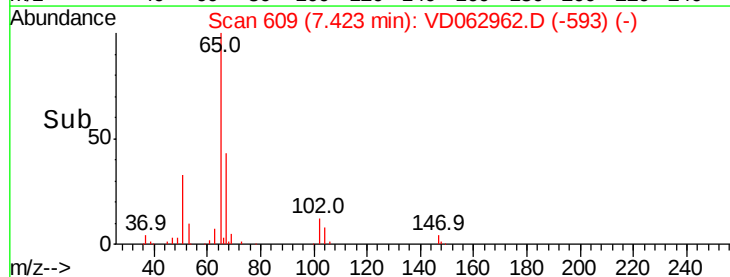
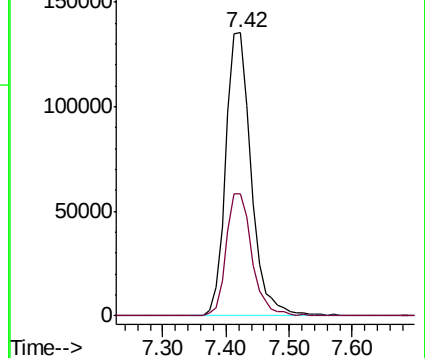
65 100

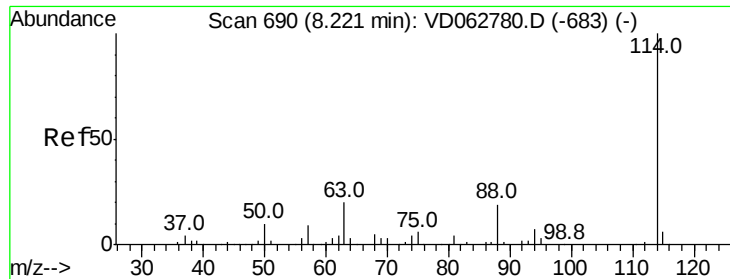
67 43.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

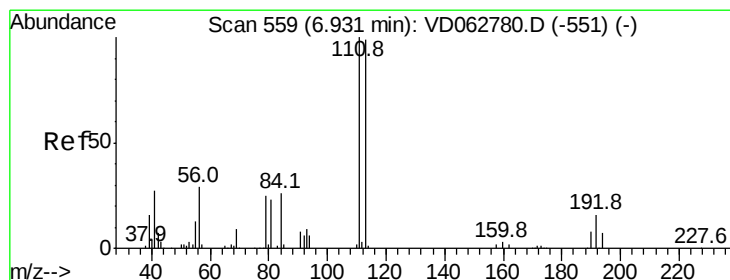
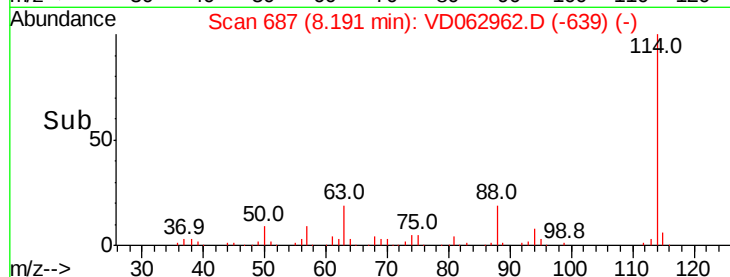
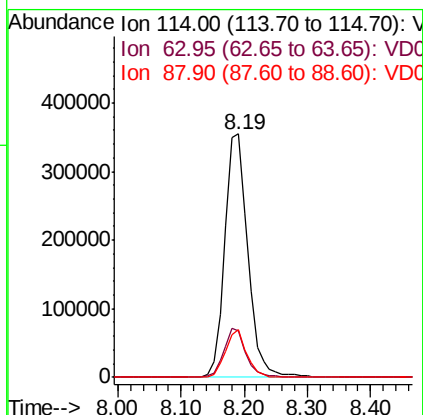
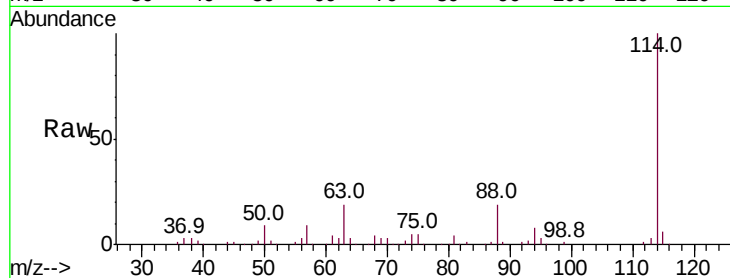




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062962.D
 Acq: 28 Jun 2019 13:24

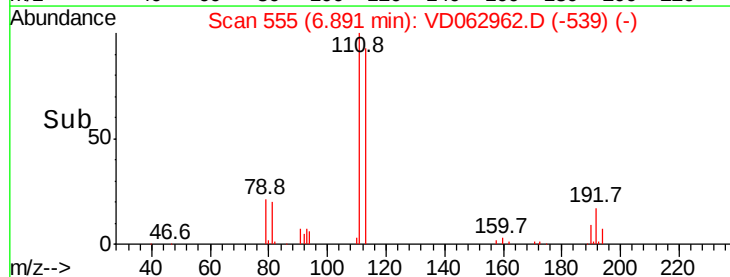
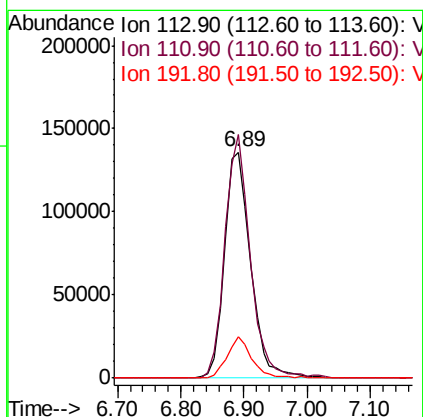
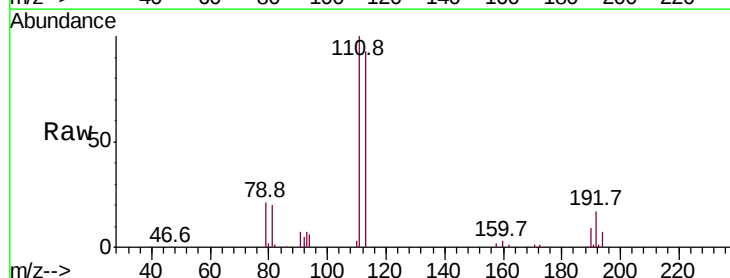
Instrument :
 MSVOA_D
 ClientSampleId :
 M-8A

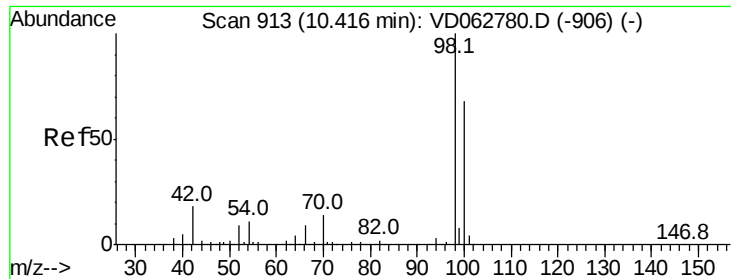
Tot Ion:114 Resp: 897598
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 19.4 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 51.581 ug/l
 RT: 6.89 min Scan# 555
 Delta R.T. -0.04 min
 Lab File: VD062962.D
 Acq: 28 Jun 2019 13:24

Tgt Ion:113 Resp: 390395
 Ion Ratio Lower Upper
 113 100
 111 107.8 81.2 121.8
 192 18.1 12.9 19.3

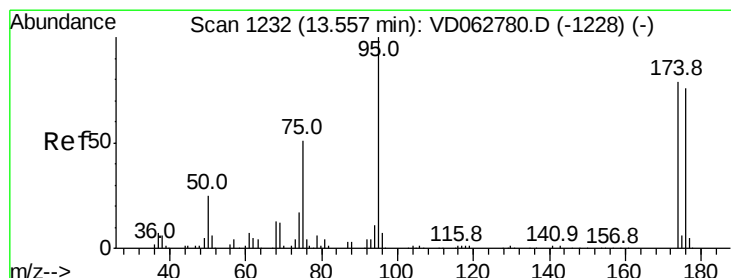
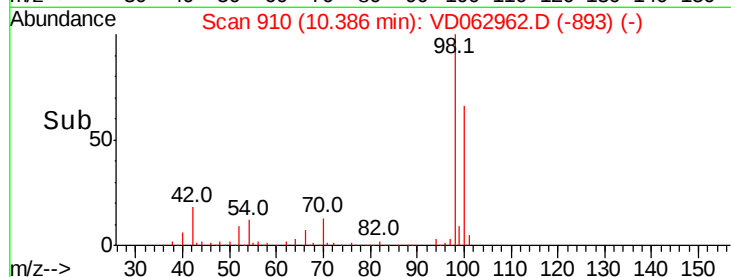
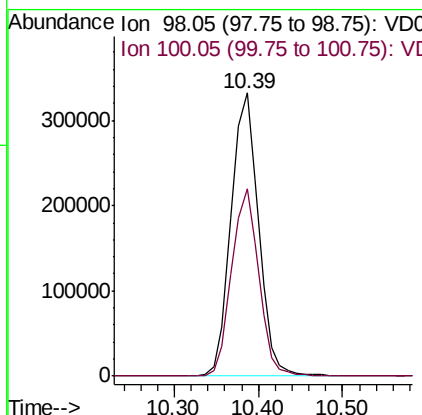
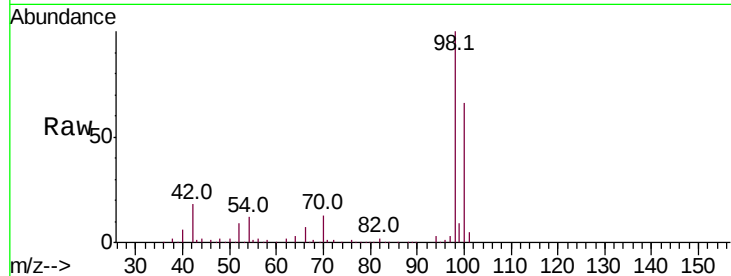




#50
Toluene-d8
Concen: 45.893 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

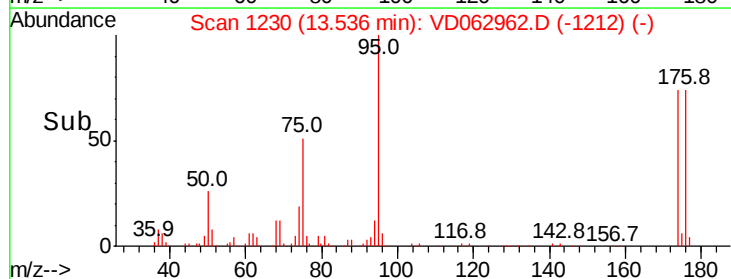
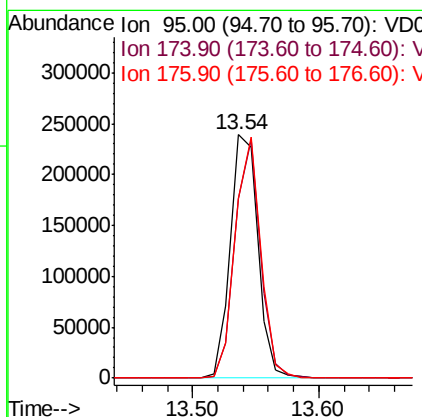
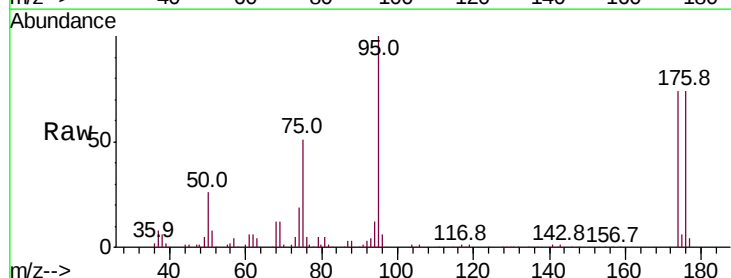
Instrument :
MSVOA_D
ClientSampleId :
M-8A

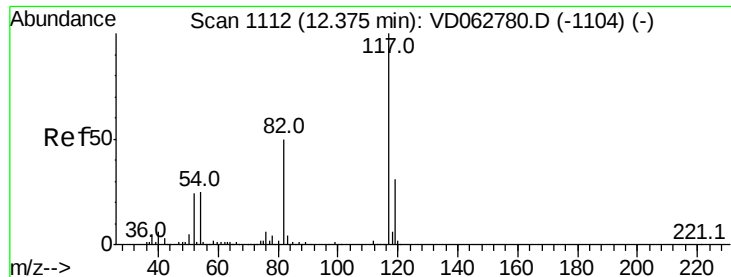
Tot Ion: 98 Resp: 755979
Ion Ratio Lower Upper
98 100
100 66.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 47.976 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

Tgt Ion: 95 Resp: 359352
Ion Ratio Lower Upper
95 100
174 73.6 0.0 158.0
176 73.8 0.0 151.6

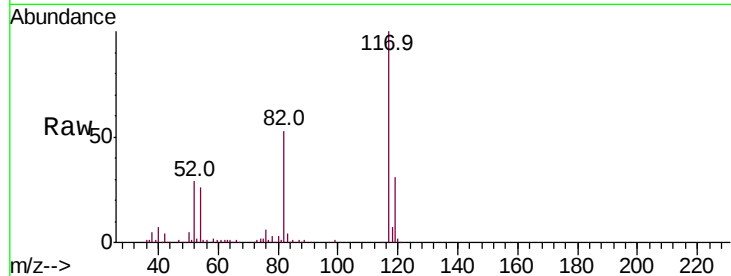




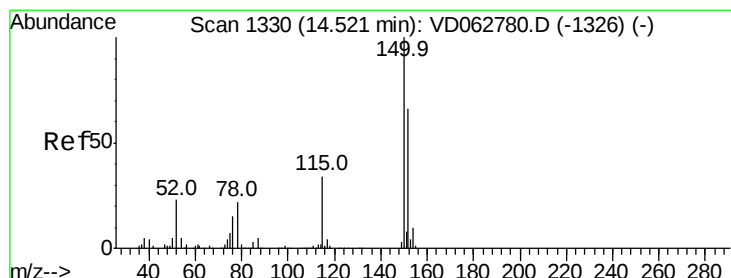
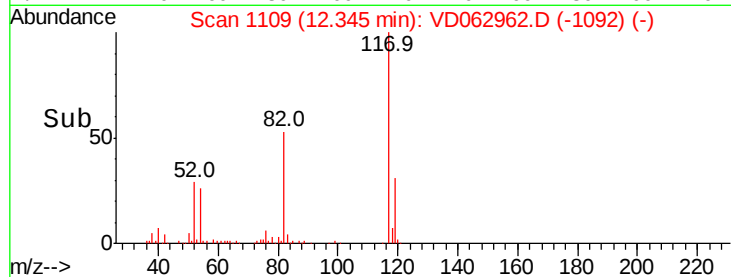
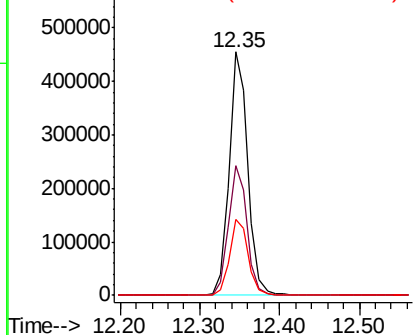
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

Instrument :
MSVOA_D
ClientSampleId :
M-8A

Tot Ion:117 Resp: 744853
Ion Ratio Lower Upper
117 100
82 53.2 40.4 60.6
119 31.0 25.2 37.8

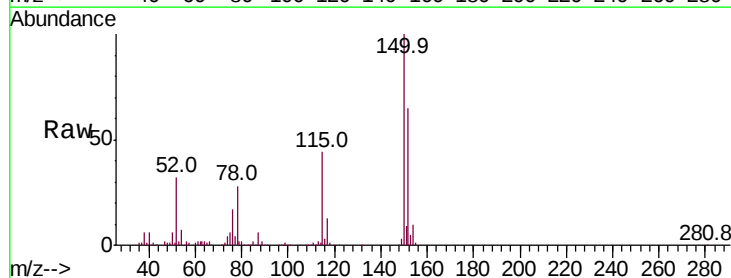


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

Tgt Ion:152 Resp: 370074
Ion Ratio Lower Upper
152 100
115 67.3 29.2 87.6
150 154.0 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

