

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063423.D
 Acq On : 7 Aug 2019 16:57
 Operator : JC/SY
 Sample : K4219-01RE
 Misc : 5.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-ARE

Quant Time: Aug 08 08:29:15 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

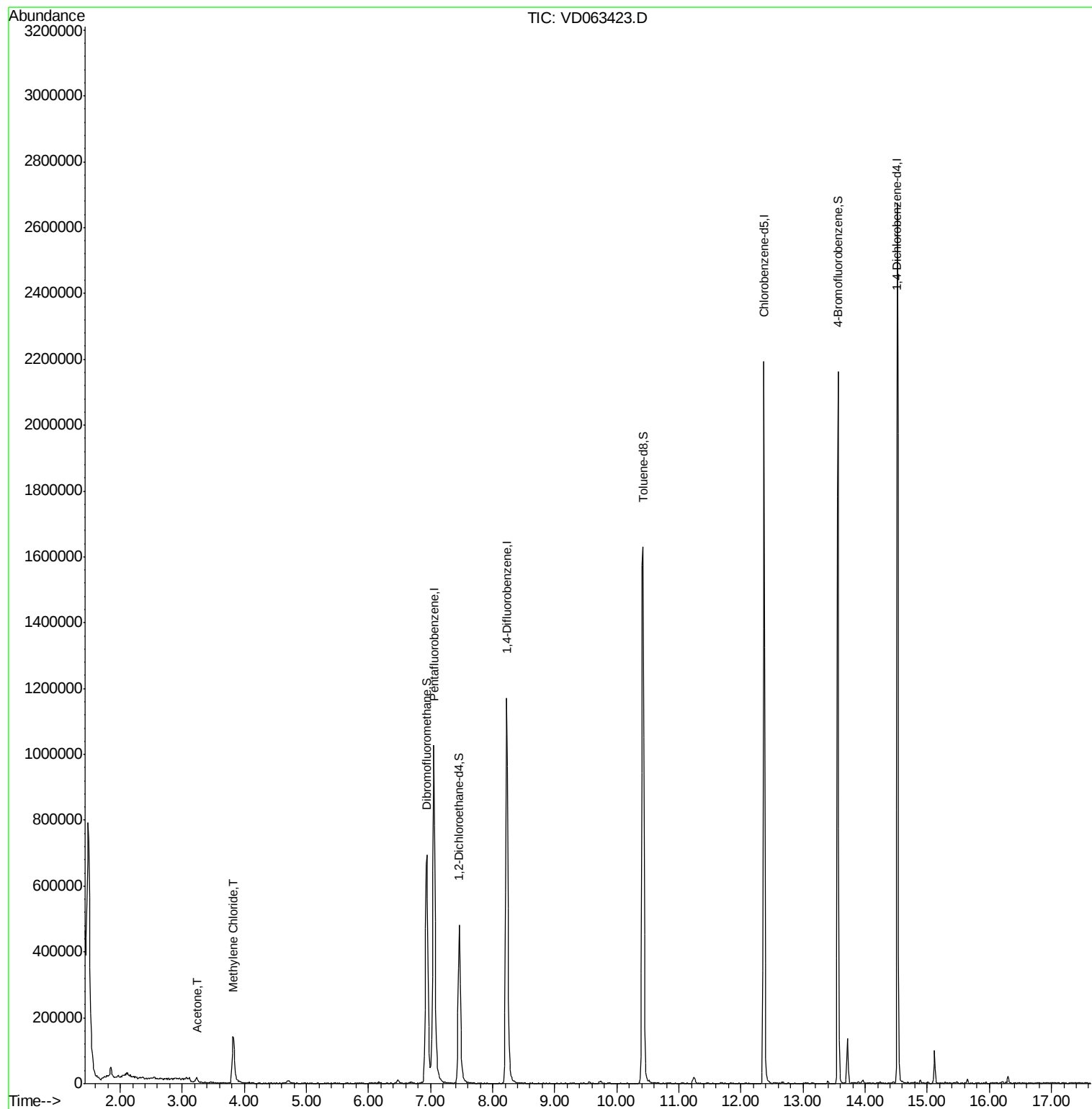
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	977173	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1286665	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1104604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	581556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	576320	53.15	ug/l	0.03
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	6.93	113	629873	57.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.68%	
50) Toluene-d8	10.42	98	1366454	55.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.16%	
62) 4-Bromofluorobenzene	13.56	95	615671	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
Target Compounds						
16) Acetone	3.23	43	28100	13.301	ug/l	93
20) Methylene Chloride	3.83	84	93525	10.952	ug/l #	80

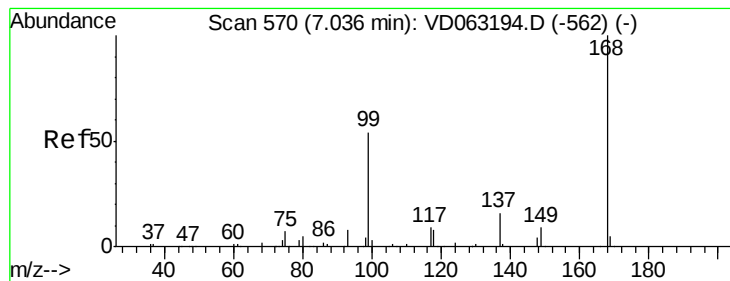
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063423.D

Acq: 7 Aug 2019 16:57

Instrument :

MSVOA_D

ClientSampleId :

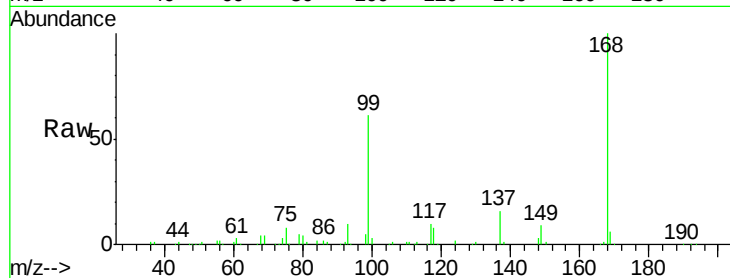
TP-ARE

Tot Ion:168 Resp: 977173

Ion Ratio Lower Upper

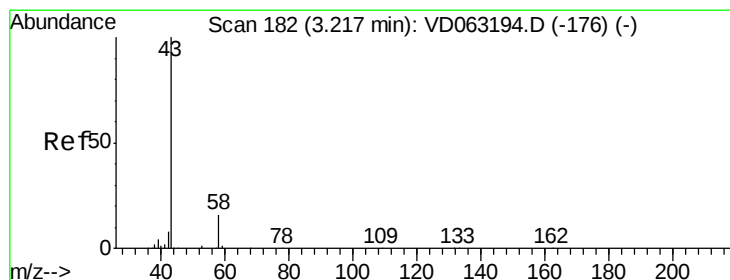
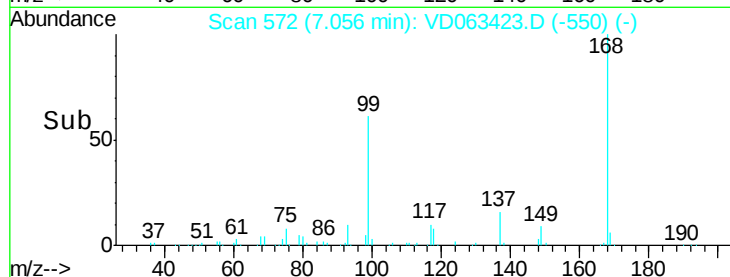
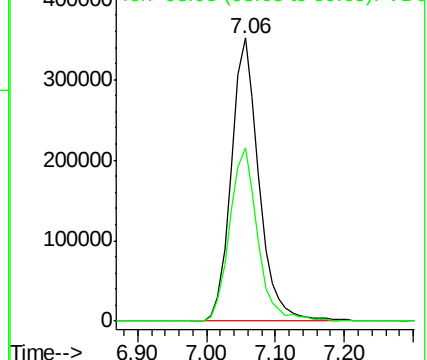
168 100

99 61.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 13.301 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063423.D

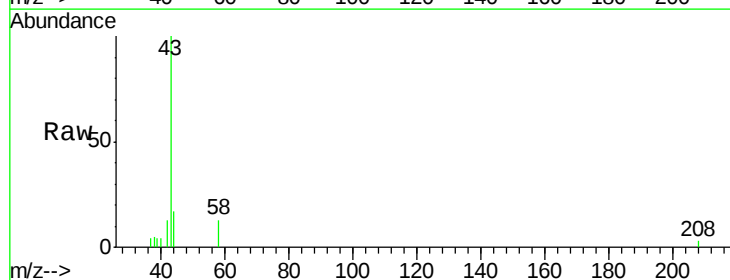
Acq: 7 Aug 2019 16:57

Tgt Ion: 43 Resp: 28100

Ion Ratio Lower Upper

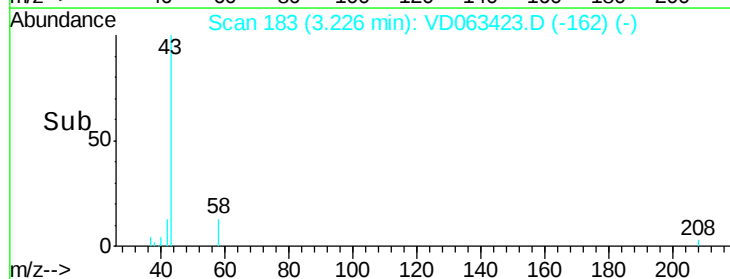
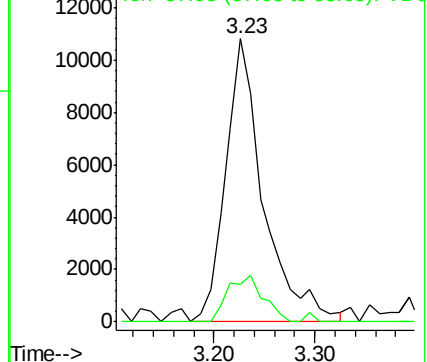
43 100

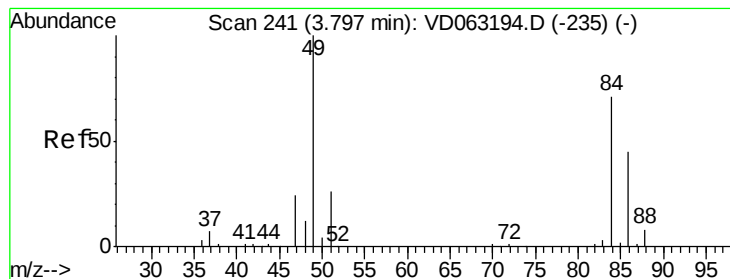
58 13.1 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 10.952 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD063423.D

Acq: 7 Aug 2019 16:57

Instrument :

MSVOA_D

ClientSampleId :

TP-ARE

Tot Ion: 84 Resp: 93525

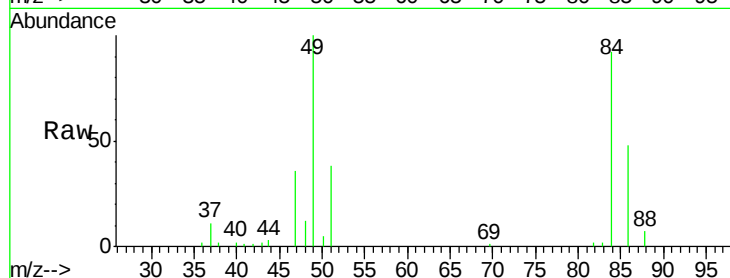
Ion Ratio Lower Upper

84 100

49 108.8 112.5 168.7#

51 41.0 29.6 44.4

86 51.7 50.4 75.6

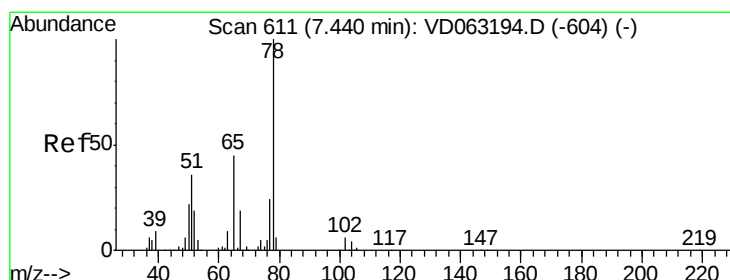
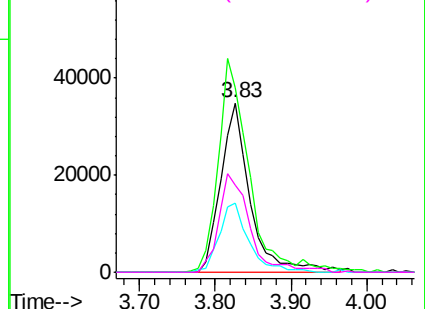
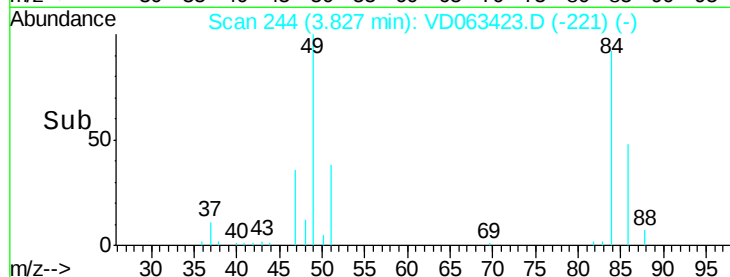


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.153 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD063423.D

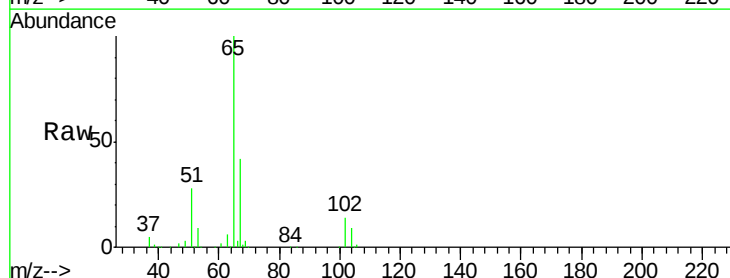
Acq: 7 Aug 2019 16:57

Tgt Ion: 65 Resp: 576320

Ion Ratio Lower Upper

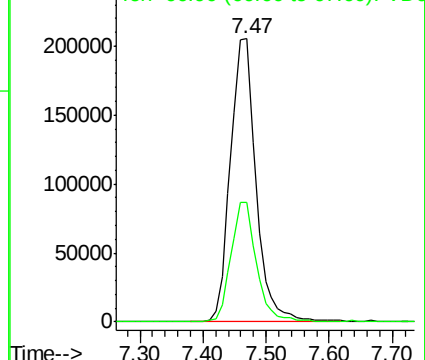
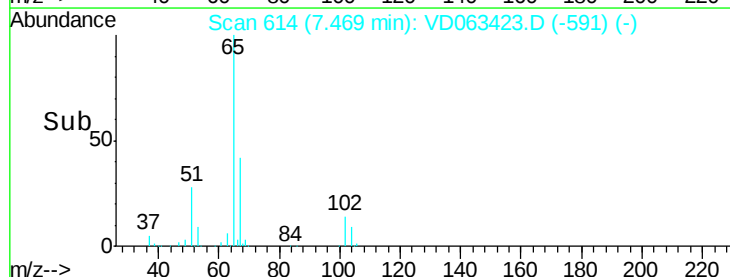
65 100

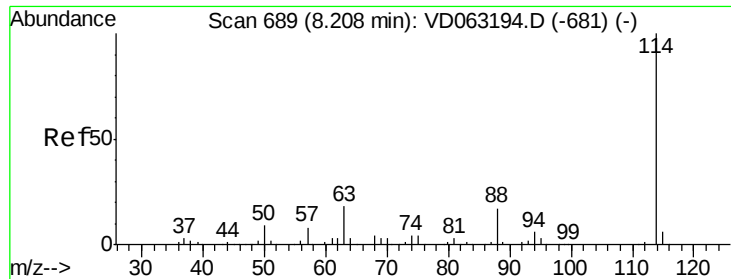
67 42.4 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

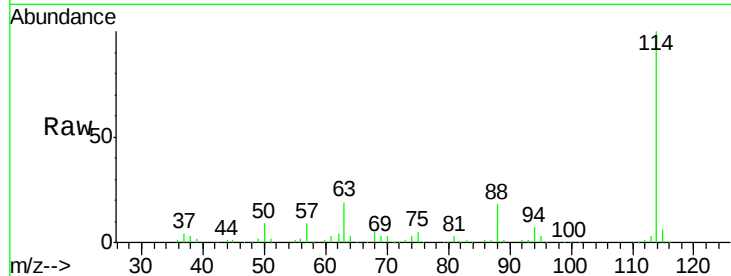




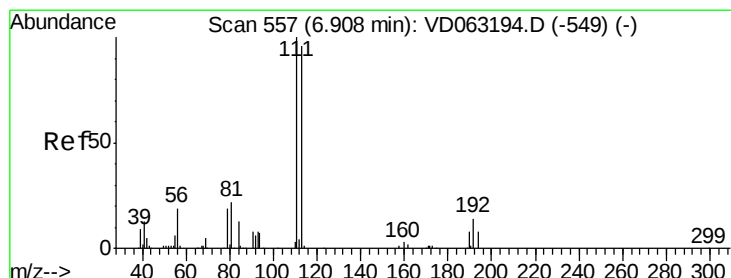
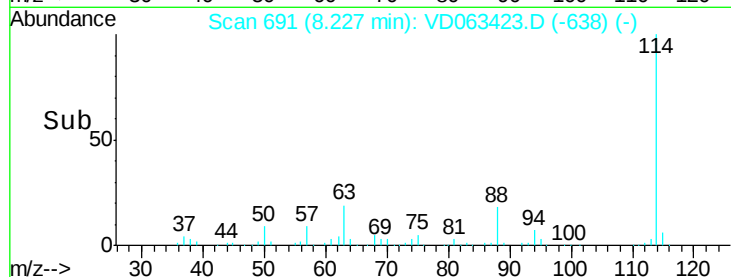
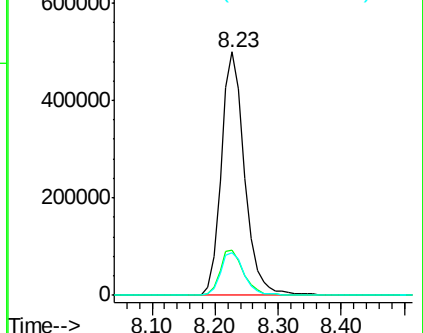
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063423.D
 Acq: 7 Aug 2019 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-ARE

Tot Ion:114 Resp: 1286665
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.2
 88 17.6 0.0 34.6

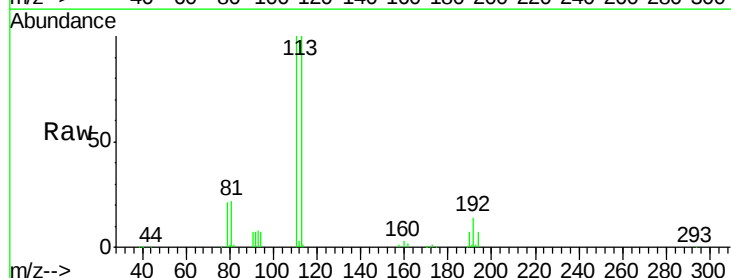


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

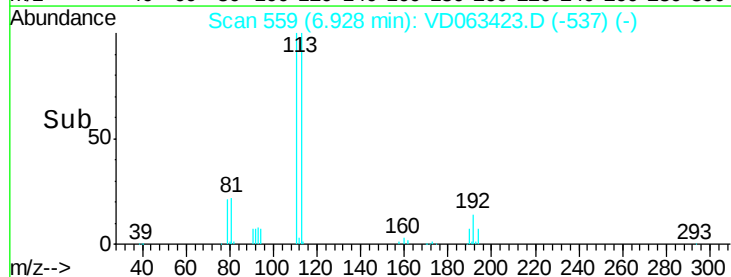
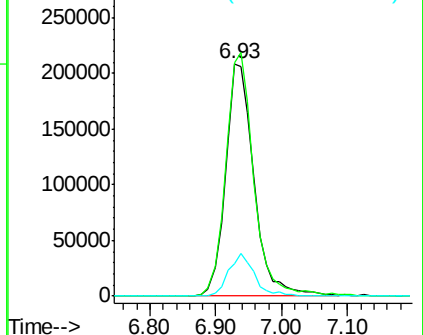


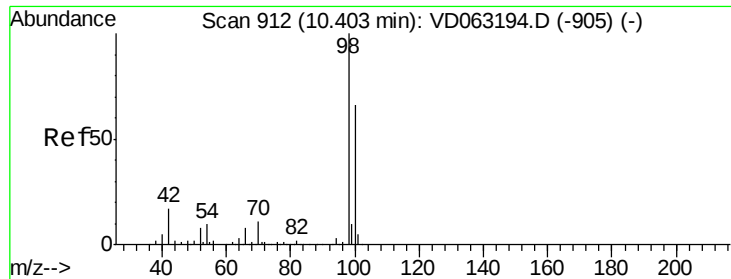
#35
 Dibromofluoromethane
 Concen: 57.337 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063423.D
 Acq: 7 Aug 2019 16:57

Tgt Ion:113 Resp: 629873
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.2 124.8
 192 14.0 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: 55.580 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063423.D

Acq: 7 Aug 2019 16:57

Instrument :

MSVOA_D

ClientSampleId :

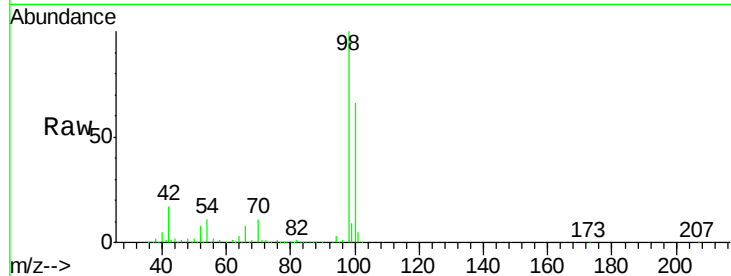
TP-ARE

Tot Ion: 98 Resp: 1366454

Ion Ratio Lower Upper

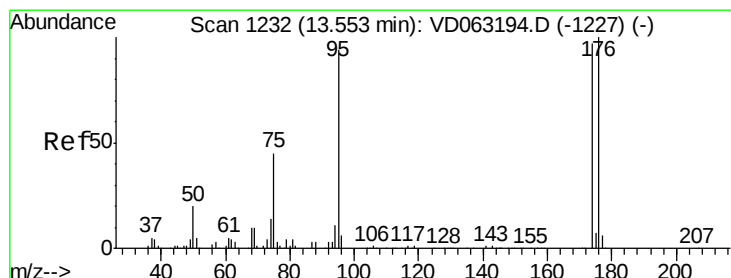
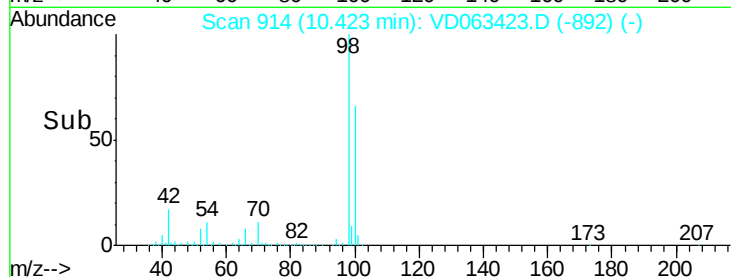
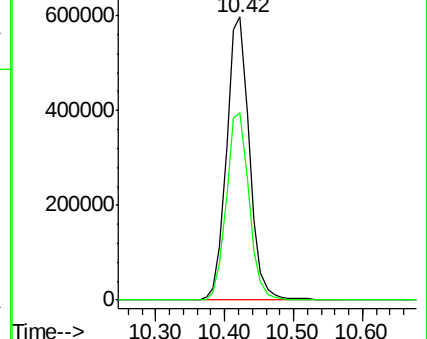
98 100

100 66.2 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: 54.954 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063423.D

Acq: 7 Aug 2019 16:57

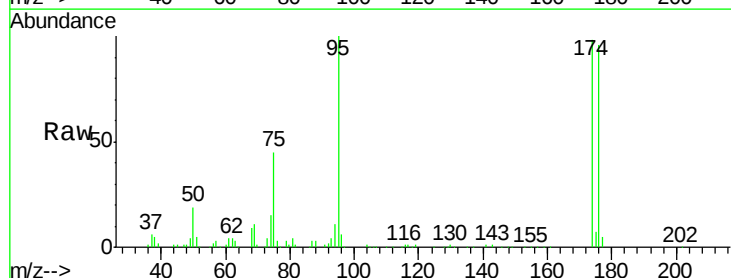
Tgt Ion: 95 Resp: 615671

Ion Ratio Lower Upper

95 100

174 97.7 0.0 205.4

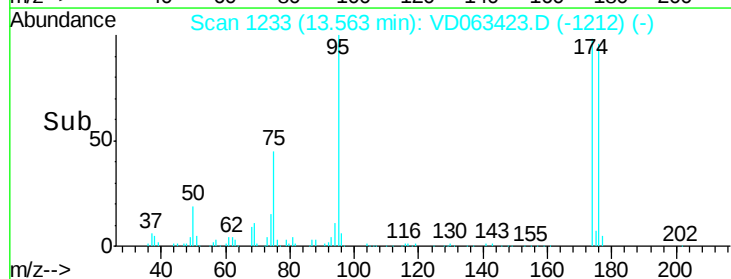
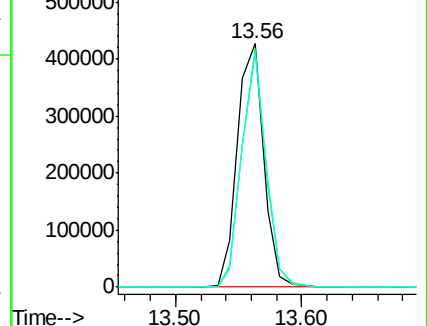
176 96.4 0.0 211.8

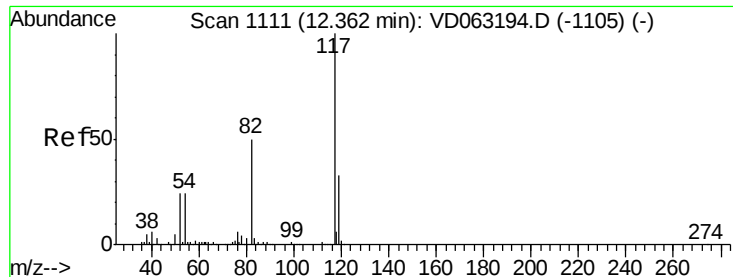


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

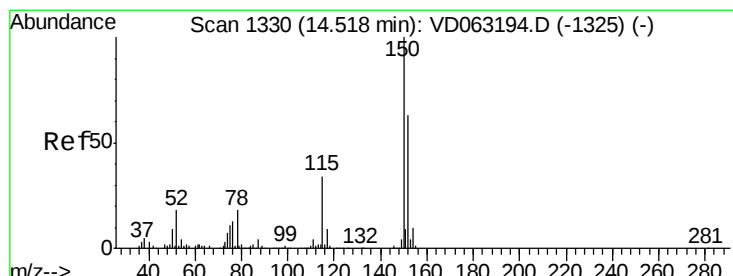
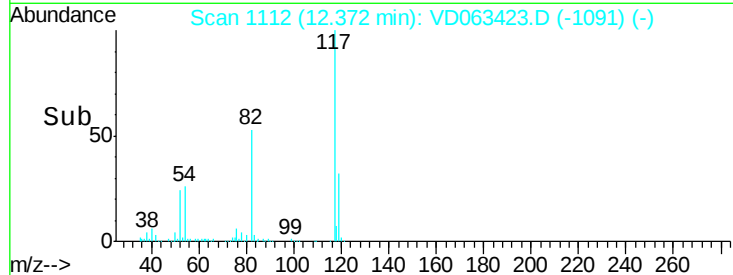
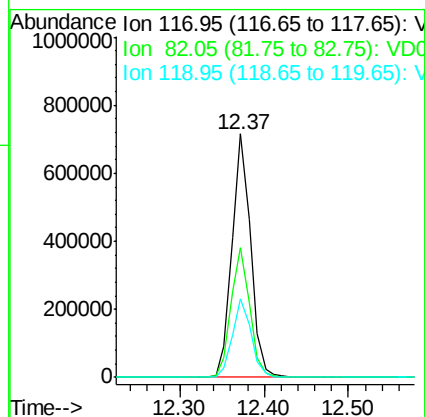
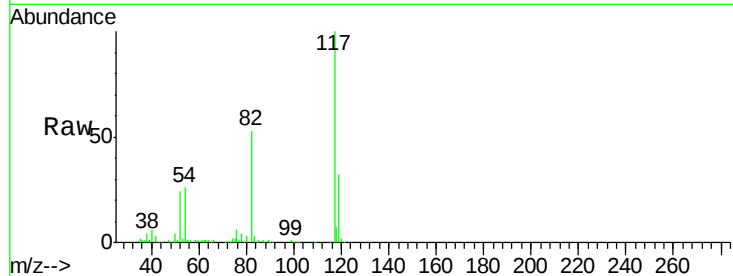




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063423.D
Acq: 7 Aug 2019 16:57

Instrument :
MSVOA_D
ClientSampleId :
TP-ARE

Tot Ion:117 Resp: 1104604
Ion Ratio Lower Upper
117 100
82 53.5 40.1 60.1
119 32.2 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: VD063423.D
Acq: 7 Aug 2019 16:57

Tgt Ion:152 Resp: 581556
Ion Ratio Lower Upper
152 100
115 64.2 27.5 82.4
150 155.5 0.0 320.6

