

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063023.D
 Acq On : 3 Jul 2019 14:13
 Operator : VA/AP
 Sample : K3645-02RE
 Misc : 4.31g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-010RE

Quant Time: Jul 04 01:57:55 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

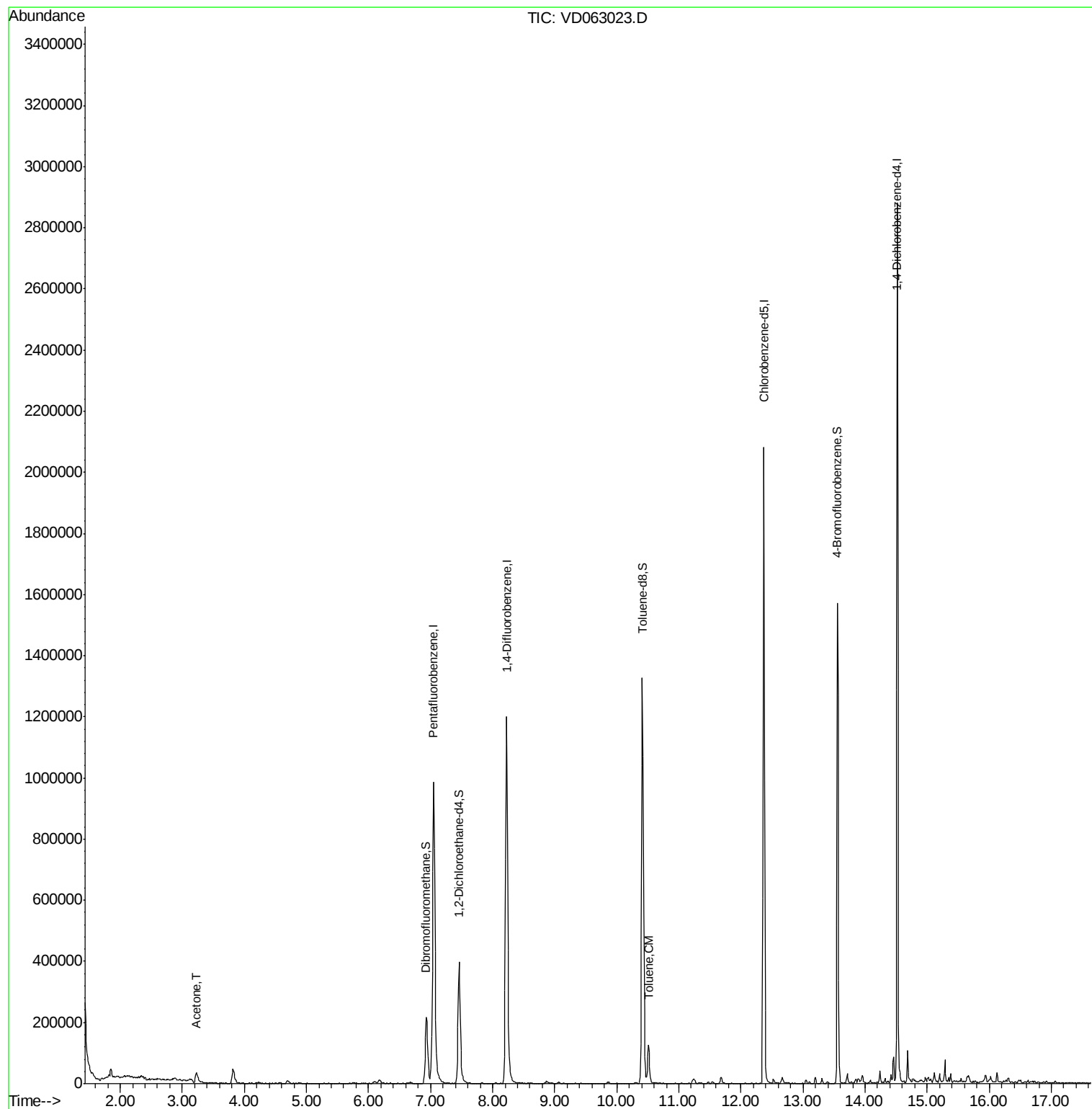
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	996552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1330398	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1124681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	574871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	441012	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
35) Dibromofluoromethane	6.93	113	185687	16.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.10%	
50) Toluene-d8	10.41	98	1076344	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
62) 4-Bromofluorobenzene	13.55	95	442781	39.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.76%	
Target Compounds						
16) Acetone	3.23	43	70739	25.932	ug/l	96
52) Toluene	10.51	92	59363	3.493	ug/l	91

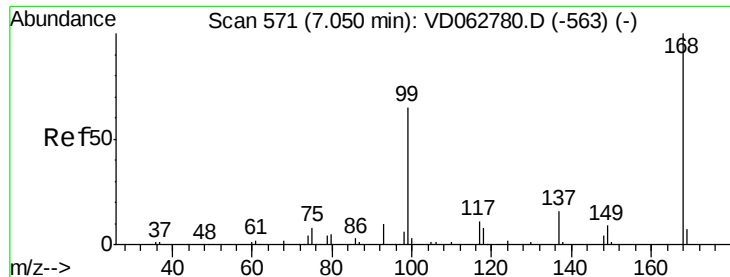
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD063023.D

Acq: 3 Jul 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

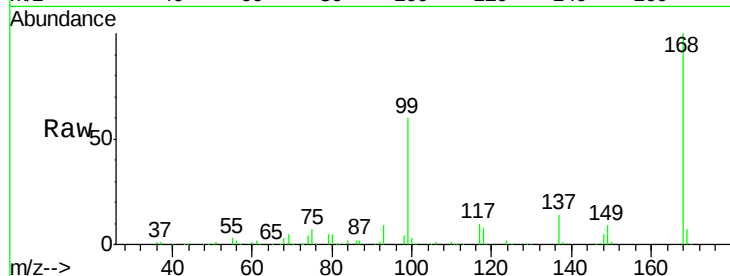
FK-0D015-03-010RE

Tot Ion:168 Resp: 996552

Ion Ratio Lower Upper

168 100

99 59.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

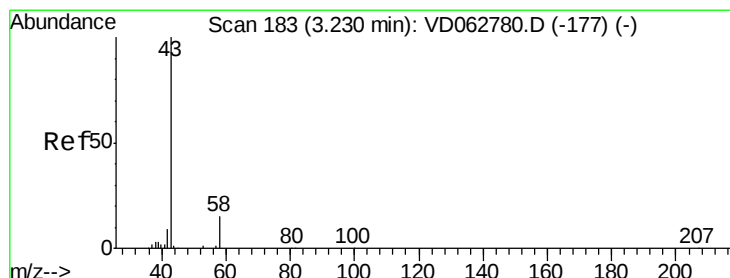
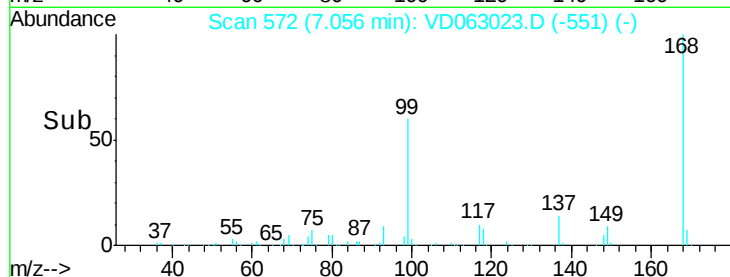
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 25.932 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD063023.D

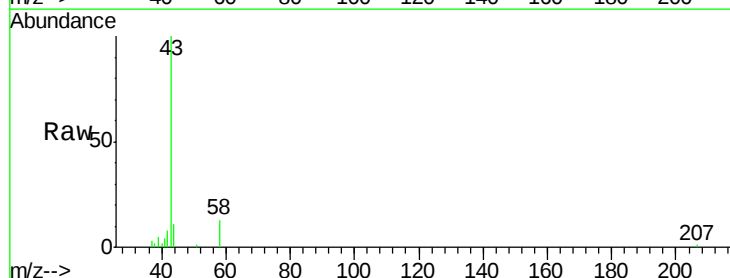
Acq: 3 Jul 2019 14:13

Tgt Ion: 43 Resp: 70739

Ion Ratio Lower Upper

43 100

58 13.2 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

25000

20000

15000

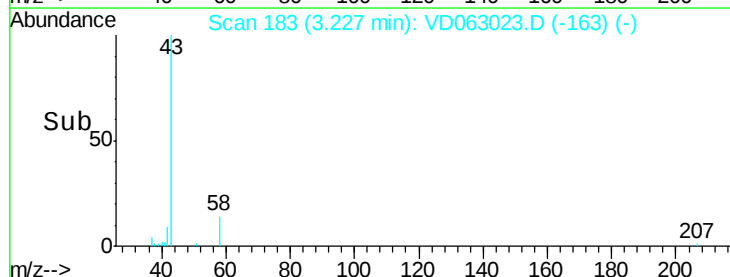
10000

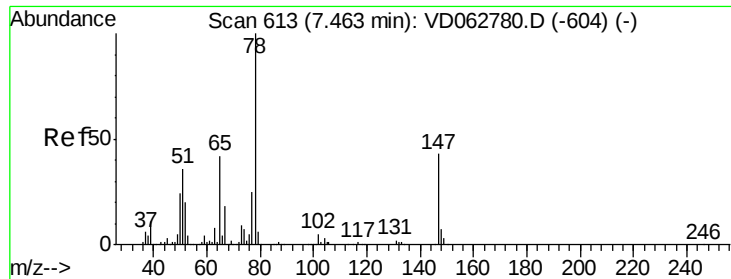
5000

0

3.10 3.20 3.30 3.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 40.712 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063023.D

Acq: 3 Jul 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

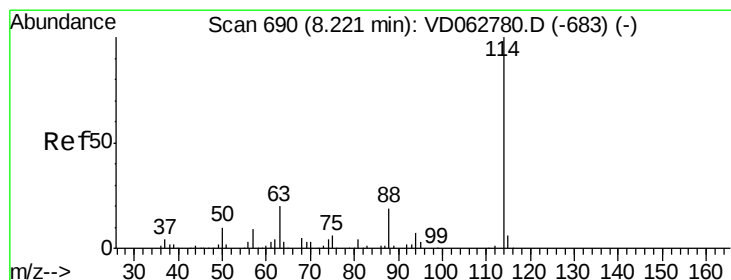
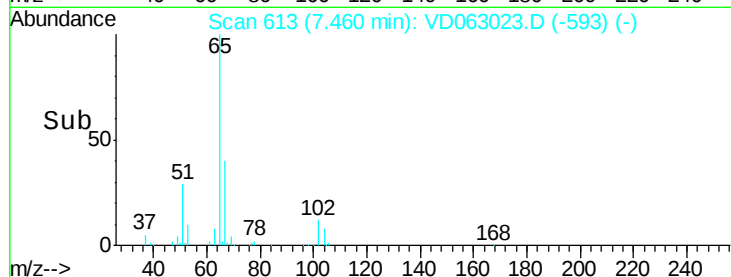
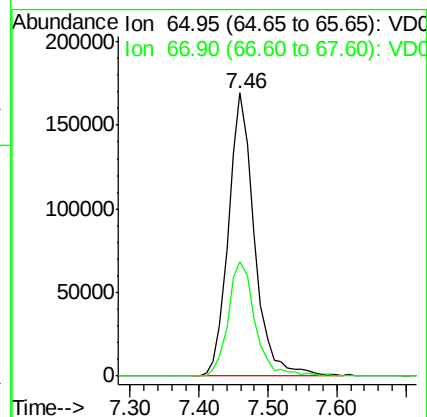
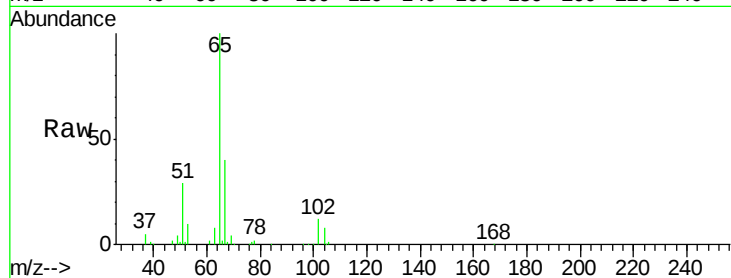
FK-0D015-03-010RE

Tot Ion: 65 Resp: 441012

Ion Ratio Lower Upper

65 100

67 40.5 0.0 87.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD063023.D

Acq: 3 Jul 2019 14:13

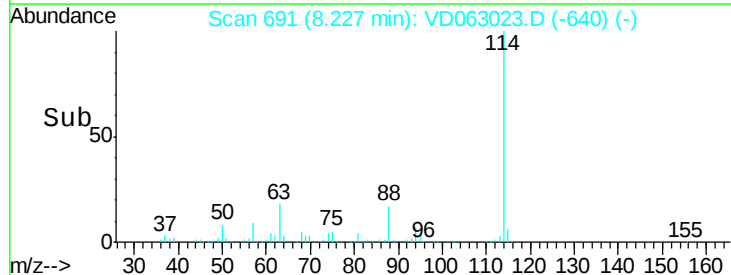
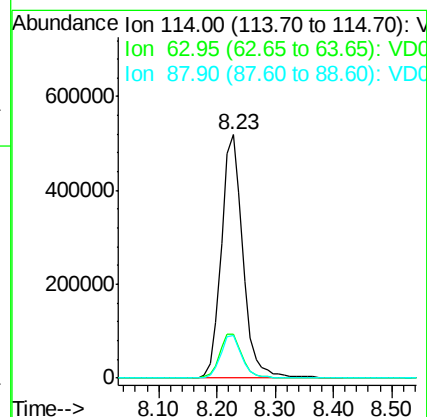
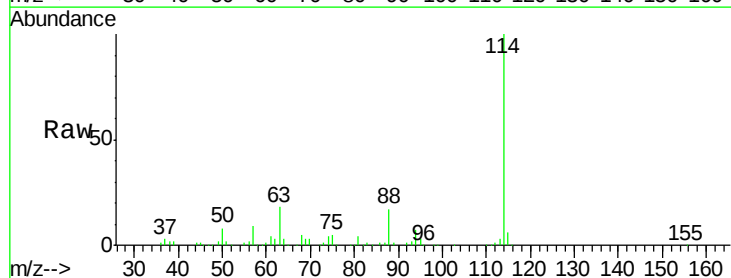
Tgt Ion: 114 Resp: 1330398

Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 17.4 0.0 38.8





#35

Dibromofluoromethane

Concen: 16.553 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063023.D

Acq: 3 Jul 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-010RE

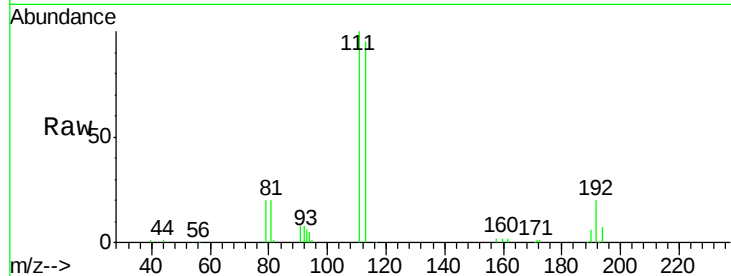
Tot Ion:113 Resp: 185687

Ion Ratio Lower Upper

113 100

111 105.0 81.2 121.8

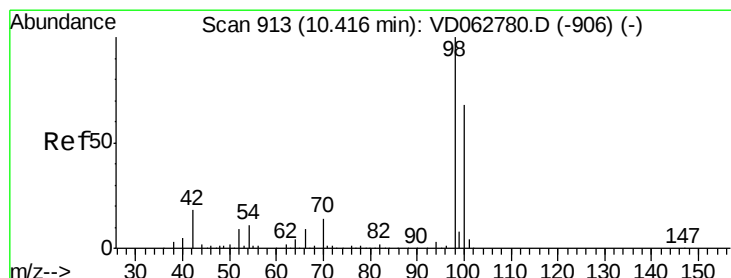
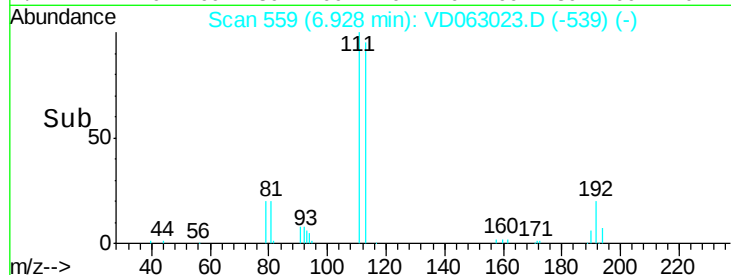
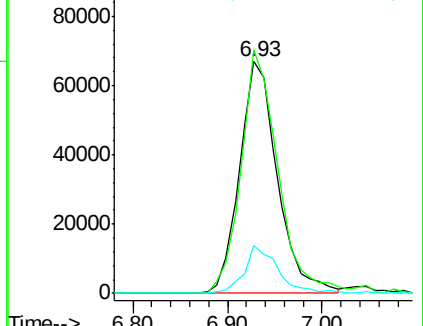
192 20.5 12.9 19.3#



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: 44.085 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD063023.D

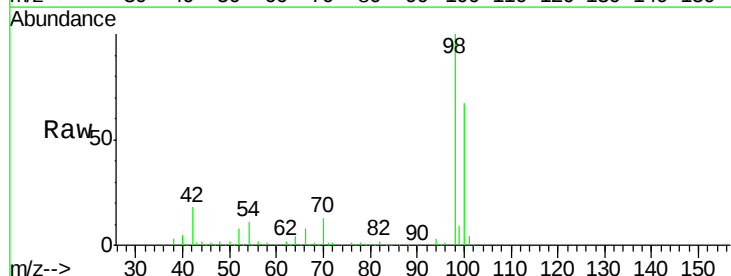
Acq: 3 Jul 2019 14:13

Tgt Ion: 98 Resp: 1076344

Ion Ratio Lower Upper

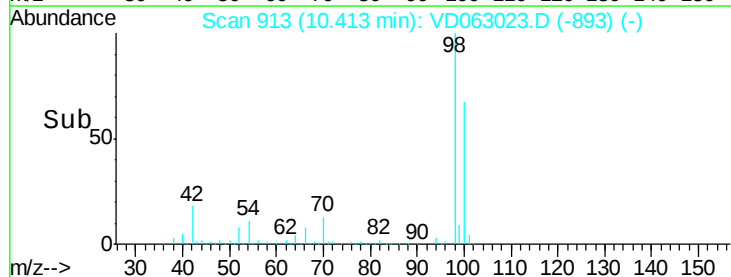
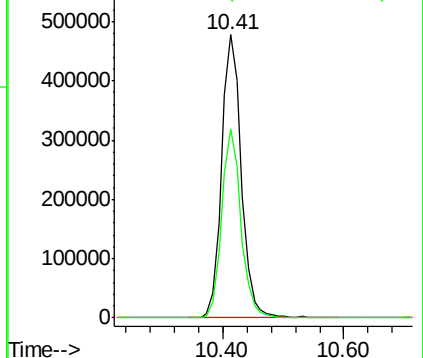
98 100

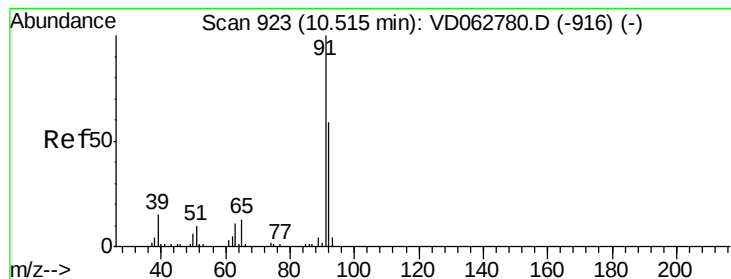
100 66.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 3.493 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD063023.D

Acq: 3 Jul 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

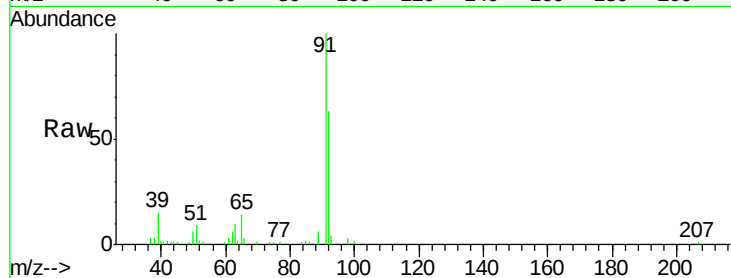
FK-0D015-03-010RE

Tot Ion: 92 Resp: 59363

Ion Ratio Lower Upper

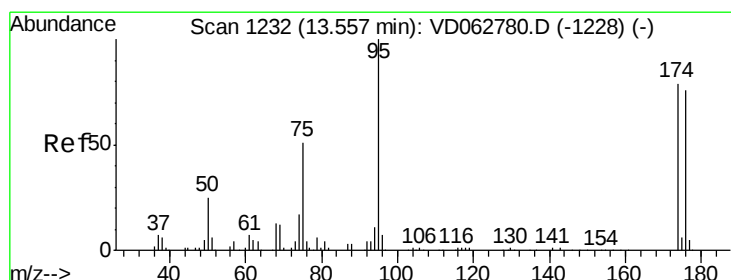
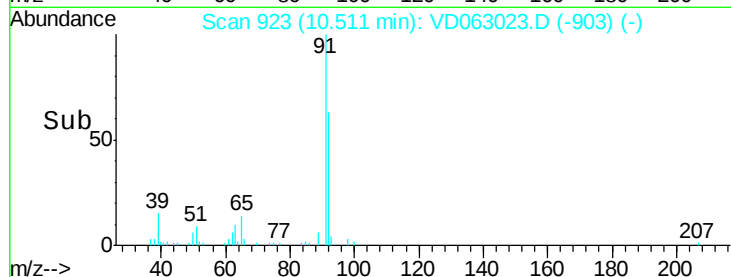
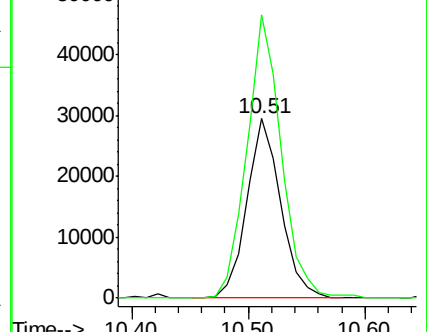
92 100

91 158.0 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 39.884 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063023.D

Acq: 3 Jul 2019 14:13

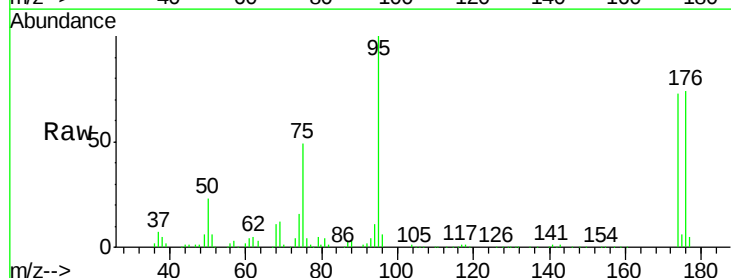
Tgt Ion: 95 Resp: 442781

Ion Ratio Lower Upper

95 100

174 72.8 0.0 158.0

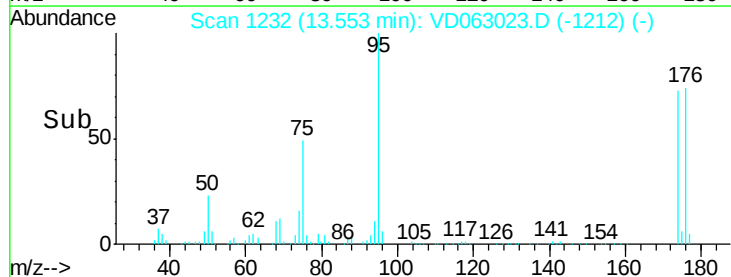
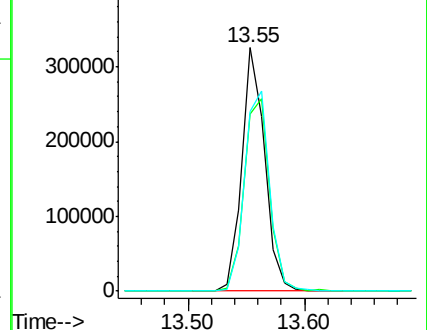
176 73.5 0.0 151.6

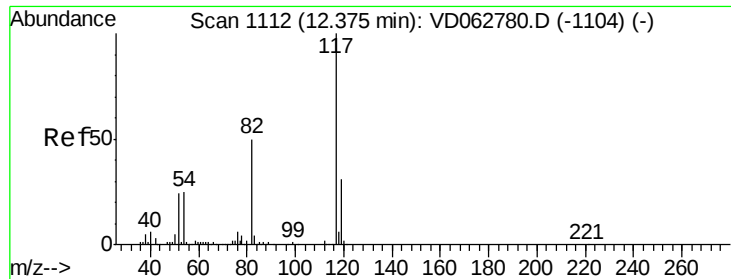


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

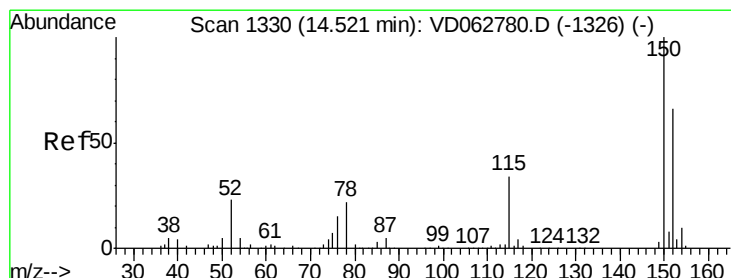
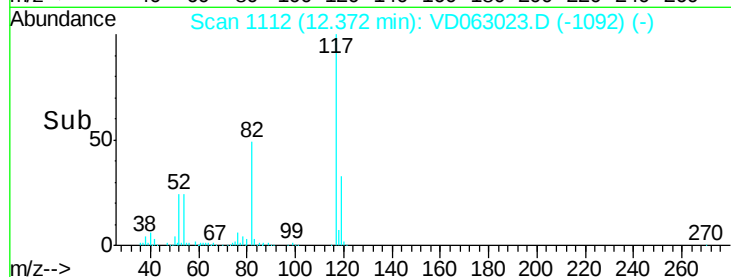
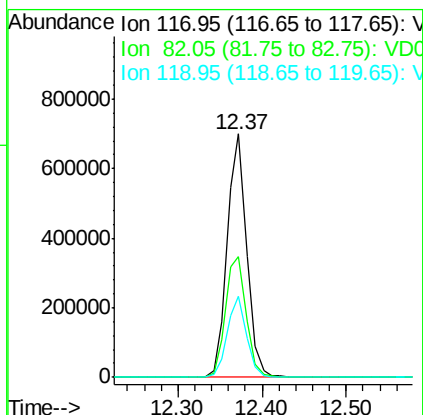
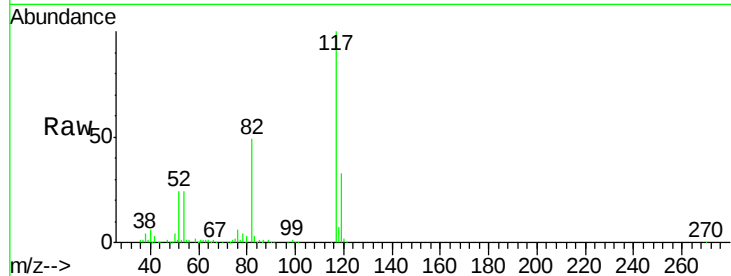




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063023.D
Acq: 3 Jul 2019 14:13

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-010RE

Tot Ion:117 Resp: 1124681
Ion Ratio Lower Upper
117 100
82 49.4 40.4 60.6
119 33.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063023.D
Acq: 3 Jul 2019 14:13

Tgt Ion:152 Resp: 574871
Ion Ratio Lower Upper
152 100
115 60.6 29.2 87.6
150 158.2 0.0 305.8

