

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063024.D
 Acq On : 3 Jul 2019 15:10
 Operator : VA/AP
 Sample : K3646-02RE
 Misc : 4.39g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-011RE

Quant Time: Jul 04 02:00:53 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

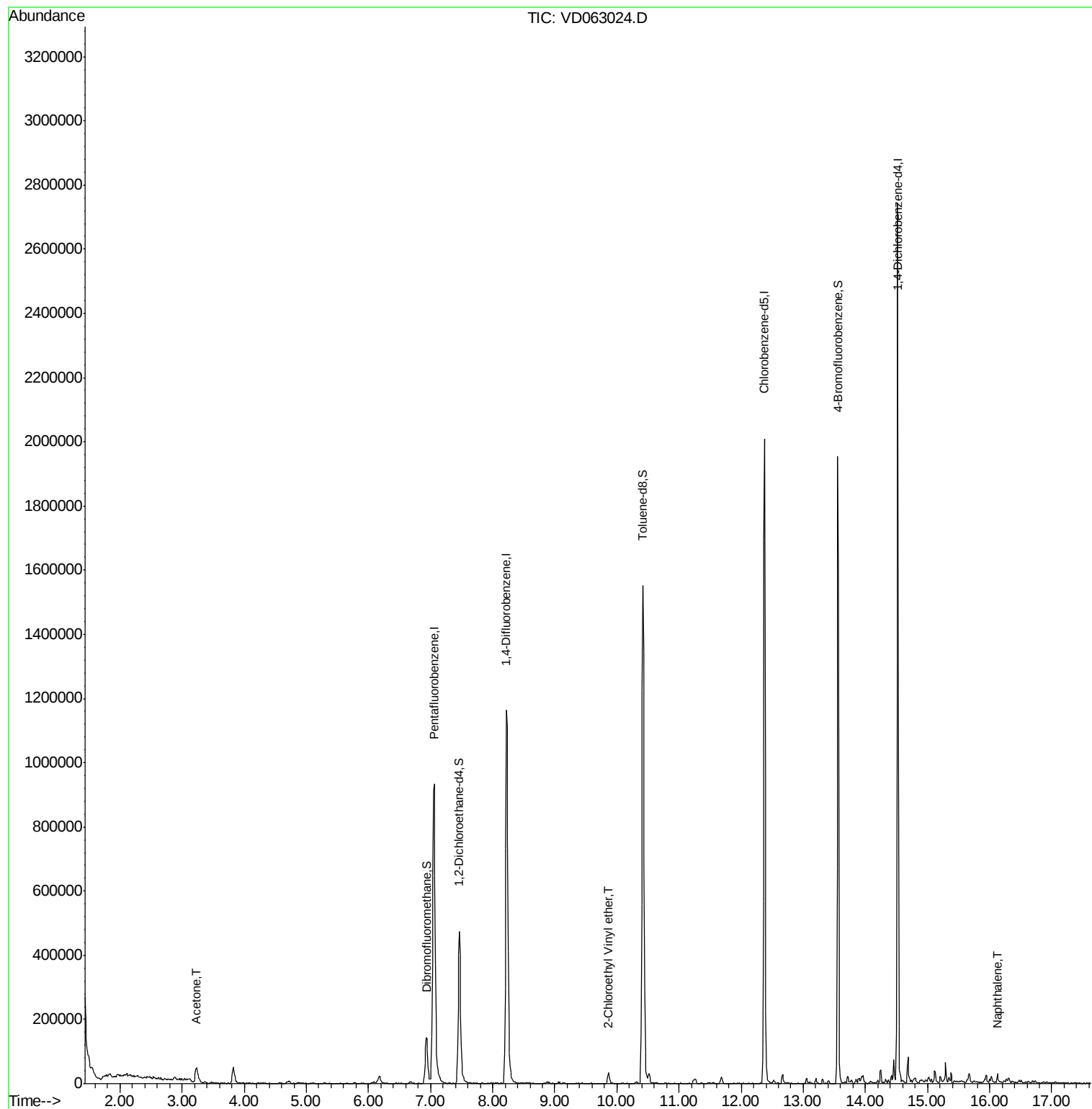
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	885761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1255025	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1079639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	555501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	534005	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
35) Dibromofluoromethane	6.93	113	126618	11.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	23.94%	
50) Toluene-d8	10.42	98	1294041	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
62) 4-Bromofluorobenzene	13.56	95	556371	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
Target Compounds						
16) Acetone	3.23	43	105289	48.281	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.87	63	16604	5.495	ug/l	95
95) Naphthalene	16.13	128	17274	1.074	ug/l #	89

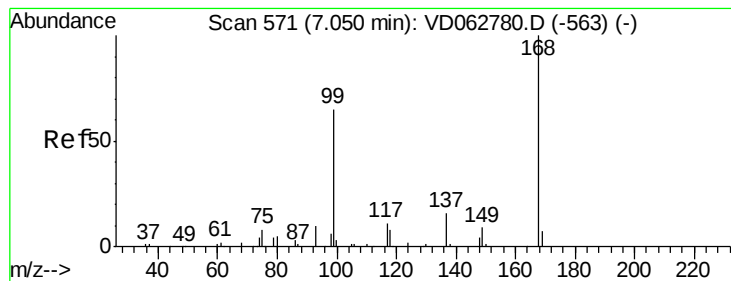
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD063024.D

Acq: 3 Jul 2019 15:10

Instrument :

MSVOA_D

ClientSampleId :

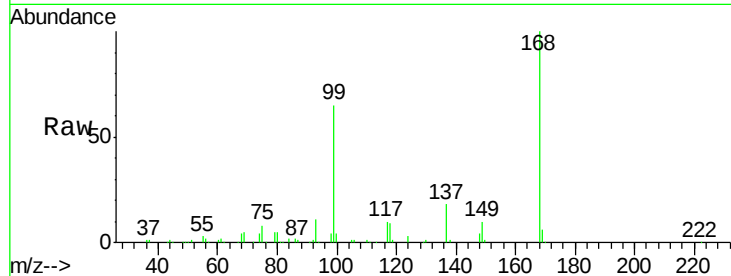
FK-0D015-03-011RE

Tot Ion:168 Resp: 885761

Ion Ratio Lower Upper

168 100

99 65.5 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

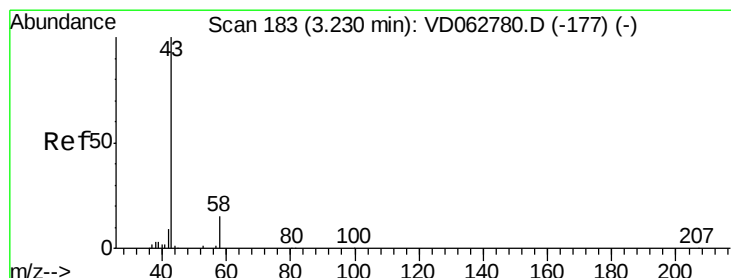
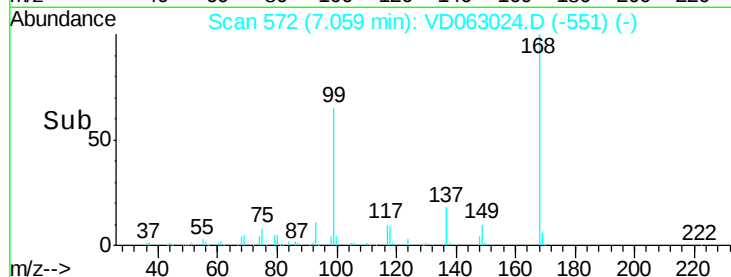
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 48.281 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD063024.D

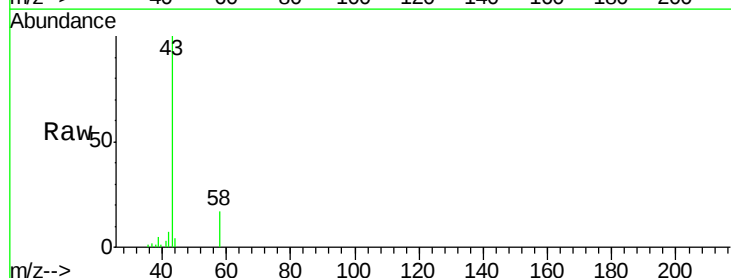
Acq: 3 Jul 2019 15:10

Tgt Ion: 43 Resp: 105289

Ion Ratio Lower Upper

43 100

58 17.2 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

40000

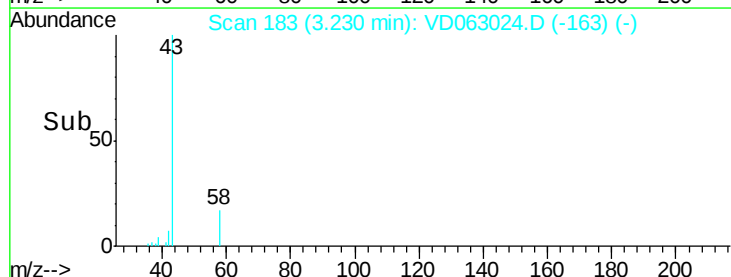
30000

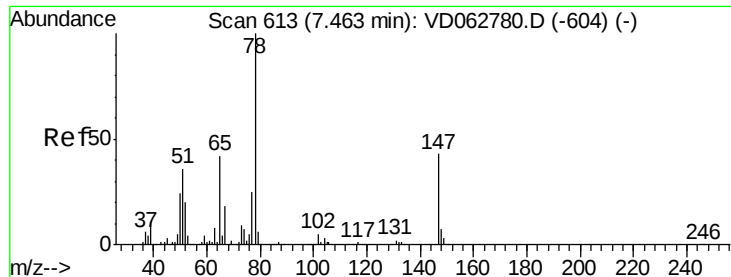
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.463 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063024.D

Acq: 3 Jul 2019 15:10

Instrument :

MSVOA_D

ClientSampleId :

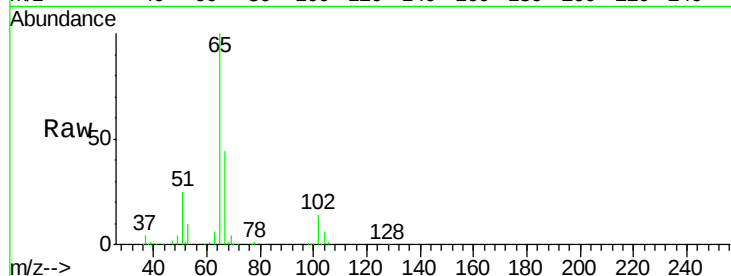
FK-0D015-03-011RE

Tot Ion: 65 Resp: 534005

Ion Ratio Lower Upper

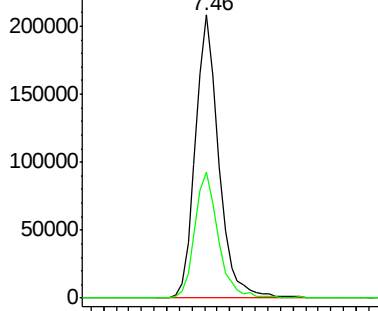
65 100

67 44.3 0.0 87.4

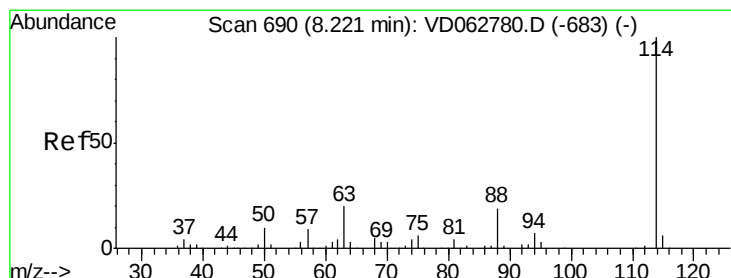
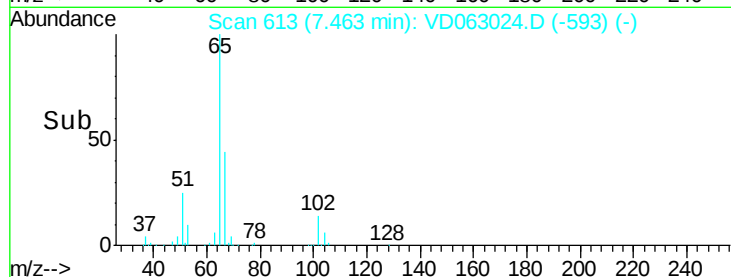


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD063024.D

Acq: 3 Jul 2019 15:10

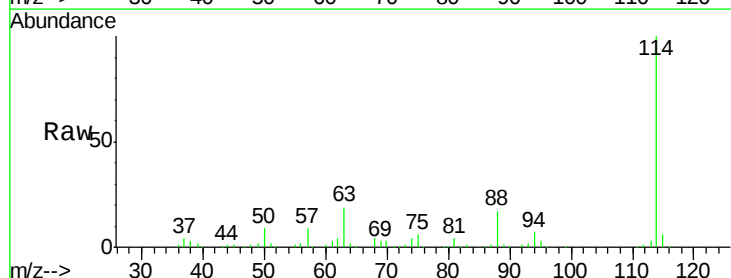
Tgt Ion: 114 Resp: 1255025

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

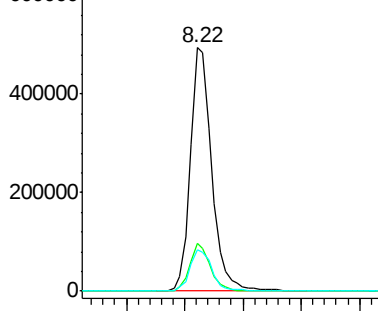
88 17.0 0.0 38.8



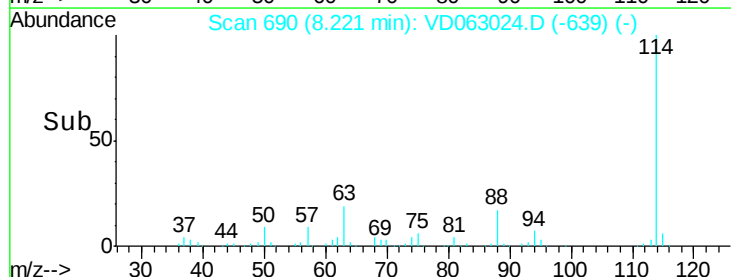
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



Time-->

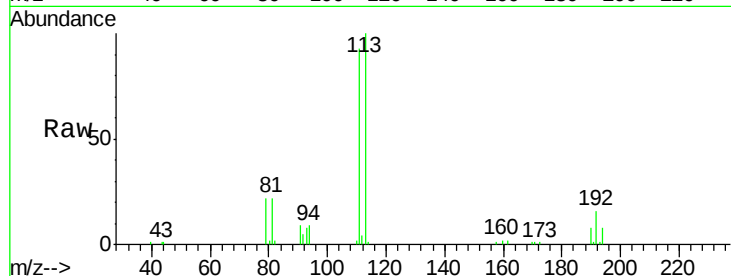




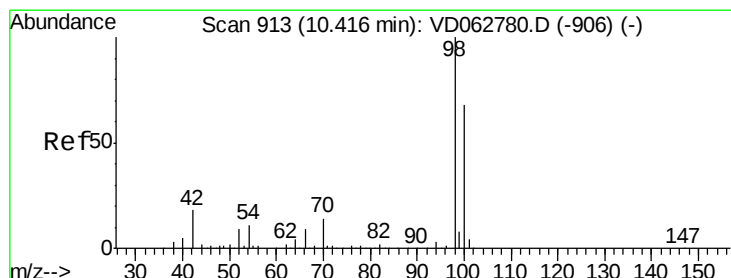
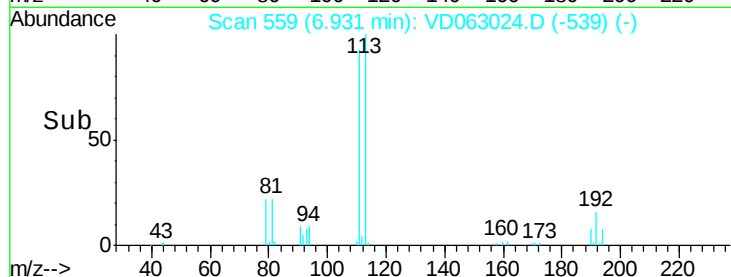
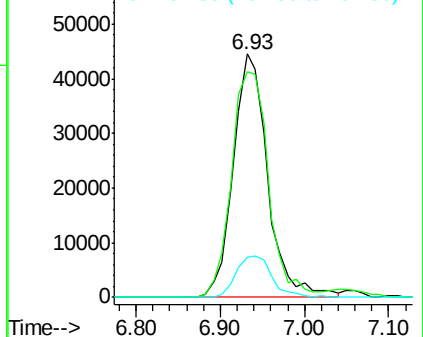
#35
Dibromofluoromethane
Concen: 11.965 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD063024.D
Acq: 3 Jul 2019 15:10

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-011RE

Tot Ion:113 Resp: 126618
Ion Ratio Lower Upper
113 100
111 92.9 81.2 121.8
192 16.3 12.9 19.3

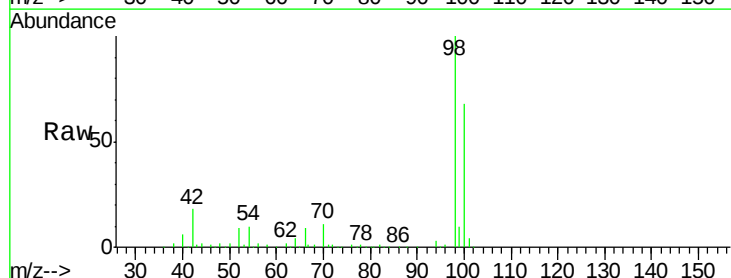


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

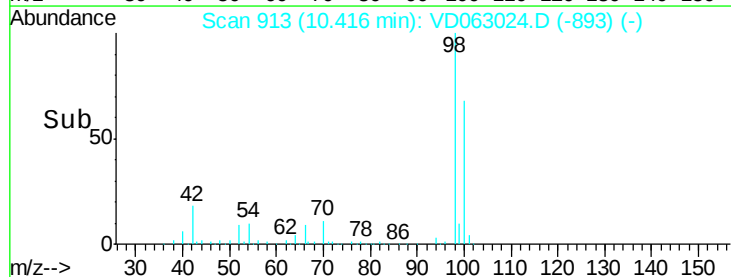
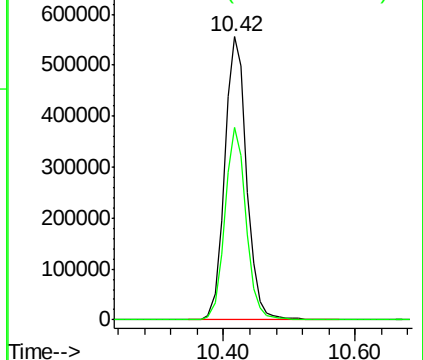


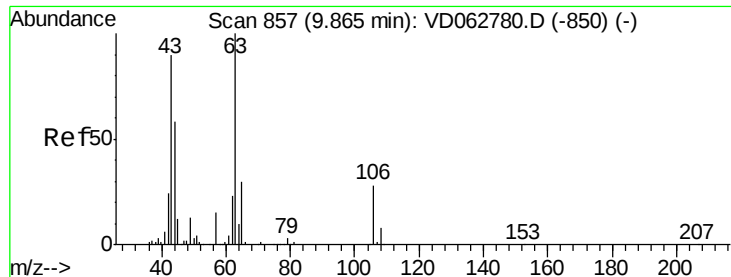
#50
Toluene-d8
Concen: 56.185 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063024.D
Acq: 3 Jul 2019 15:10

Tgt Ion: 98 Resp: 1294041
Ion Ratio Lower Upper
98 100
100 68.0 54.7 82.1



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

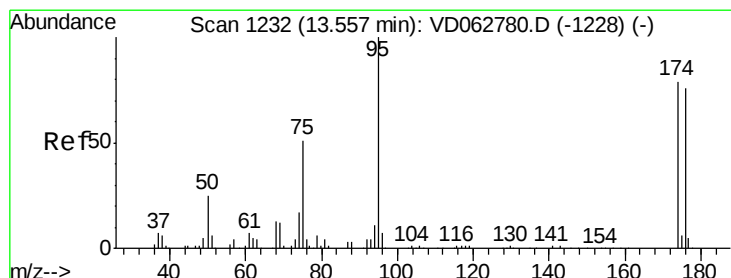
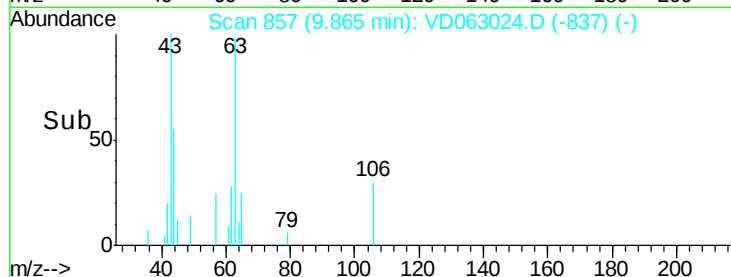
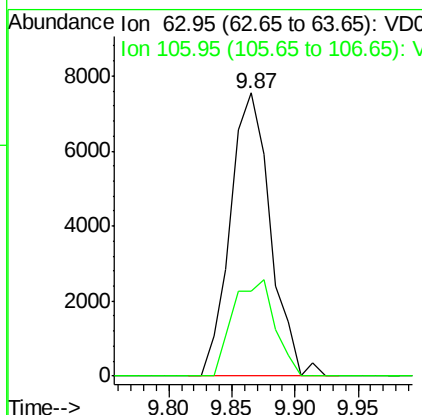
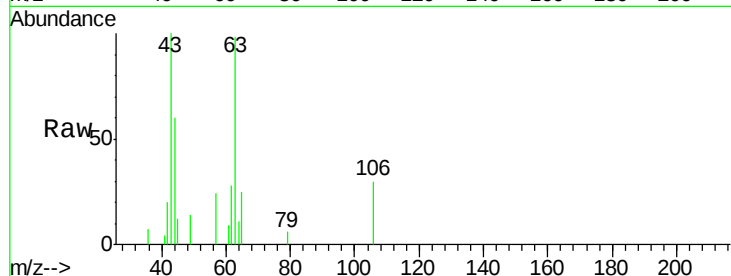




#58
 2-Chloroethyl Vinyl ether
 Concen: 5.495 ug/l
 RT: 9.87 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VD063024.D
 Acq: 3 Jul 2019 15:10

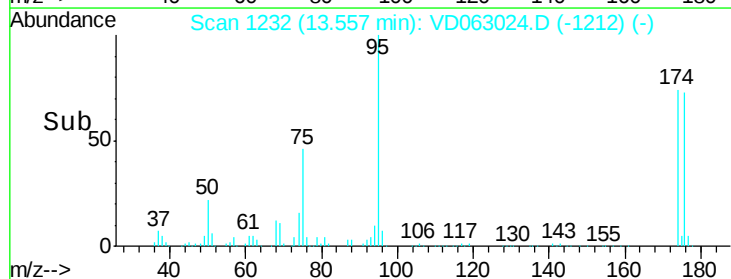
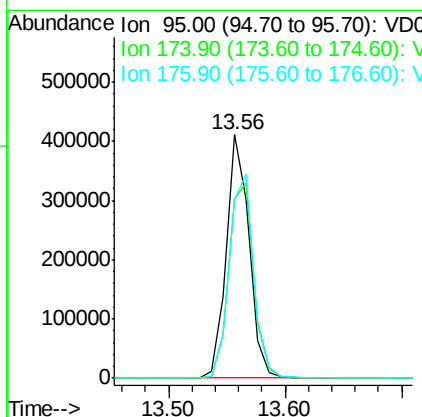
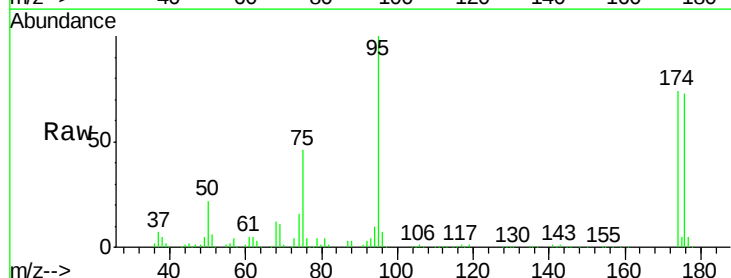
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-011RE

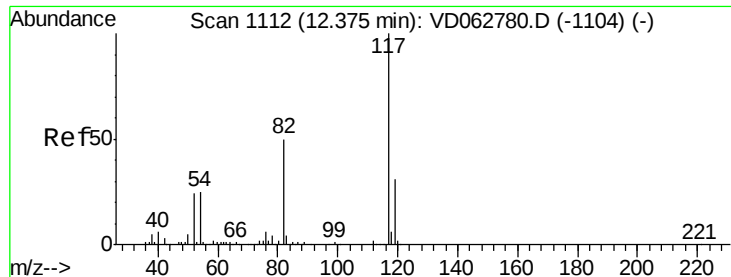
Tot Ion: 63 Resp: 16604
 Ion Ratio Lower Upper
 63 100
 106 30.2 22.1 33.1



#62
 4-Bromofluorobenzene
 Concen: 53.125 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD063024.D
 Acq: 3 Jul 2019 15:10

Tgt Ion: 95 Resp: 556371
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 158.0
 176 73.4 0.0 151.6

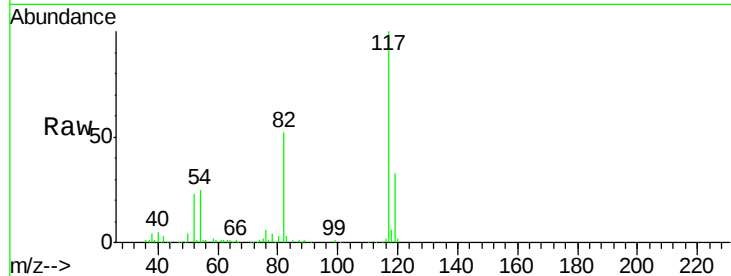




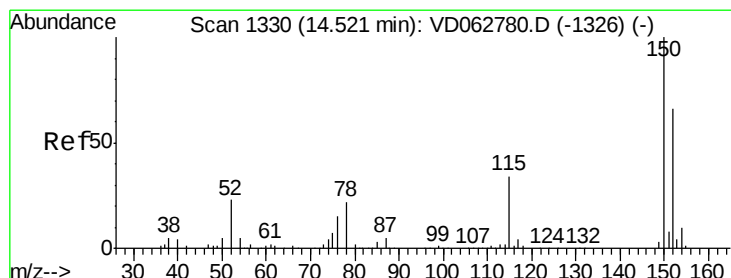
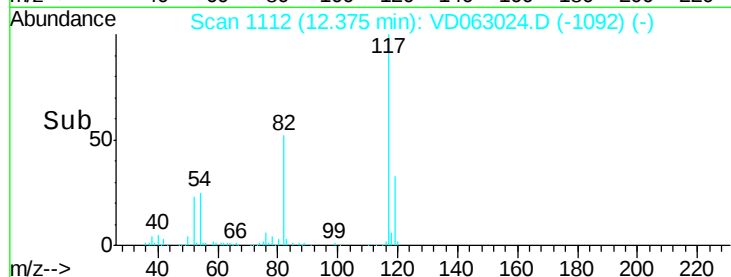
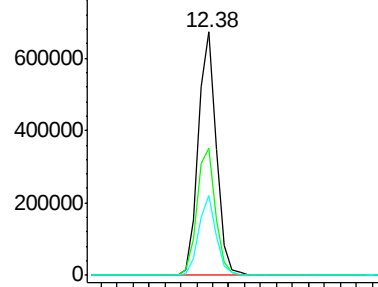
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063024.D
Acq: 3 Jul 2019 15:10

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-011RE

Tot Ion:117 Resp: 1079639
Ion Ratio Lower Upper
117 100
82 52.0 40.4 60.6
119 32.8 25.2 37.8

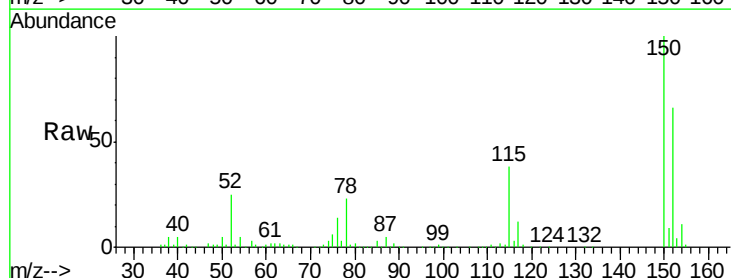


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

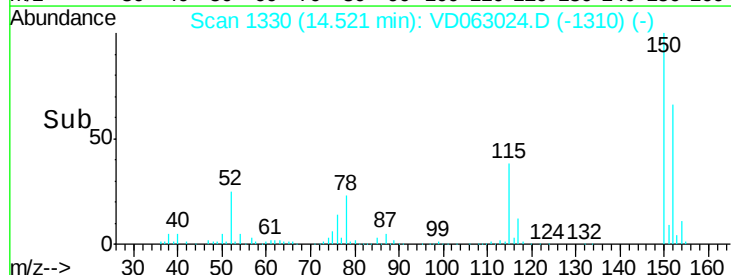
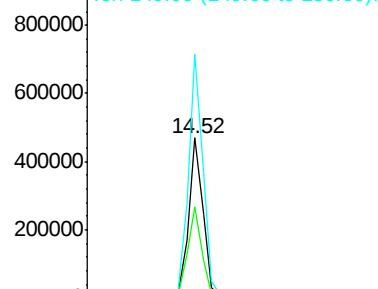


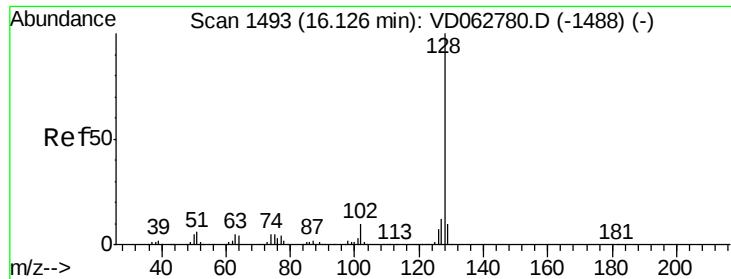
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063024.D
Acq: 3 Jul 2019 15:10

Tgt Ion:152 Resp: 555501
Ion Ratio Lower Upper
152 100
115 57.1 29.2 87.6
150 152.0 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





#95

Naphthalene

Concen: 1.074 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD063024.D

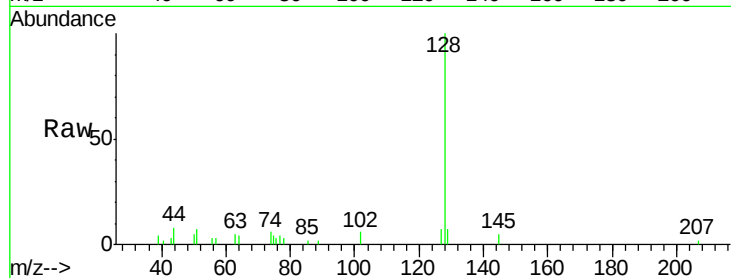
Acq: 3 Jul 2019 15:10

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-011RE



Tot Ion:128 Resp: 17274

Ion Ratio Lower Upper

128 100

127 6.6 9.7 14.5#

129 7.5 8.3 12.5#

