

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062291.D
 Acq On : 13 May 2019 7:27
 Operator : FY/SY
 Sample : K2760-02
 Misc : 4.56g/5mL/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-005

Quant Time: May 13 09:08:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

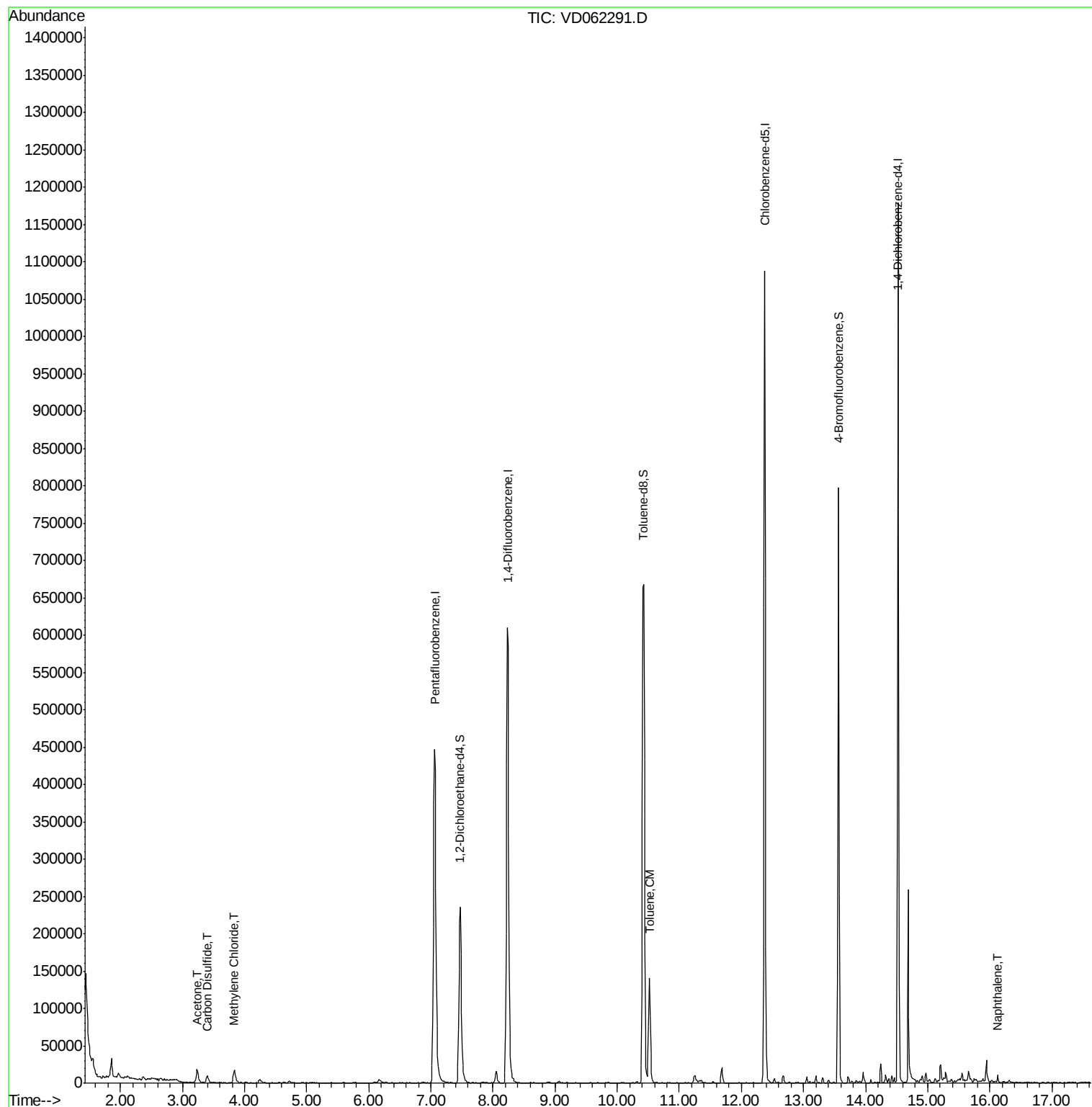
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	415978	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	629630	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	538224	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	245866	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	262330	67.86	ug/l	0.05
Spiked Amount 50.000			Recovery	=	135.72%	
35) Dibromofluoromethane	7.05	113	180	0.03	ug/l	0.16
Spiked Amount 50.000			Recovery	=	0.06%	
50) Toluene-d8	10.43	98	560859	44.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	89.06%	
62) 4-Bromofluorobenzene	13.57	95	226995	44.88	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	33630	41.483	ug/l #	74
17) Carbon Disulfide	3.40	76	16533	1.812	ug/l #	94
20) Methylene Chloride	3.83	84	11572	3.419	ug/l	90
52) Toluene	10.51	92	71944	9.485	ug/l	99
95) Naphthalene	16.12	128	7334	1.163	ug/l #	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062291.D

Acq: 13 May 2019 7:27

Instrument :

MSVOA_D

ClientSampleId :

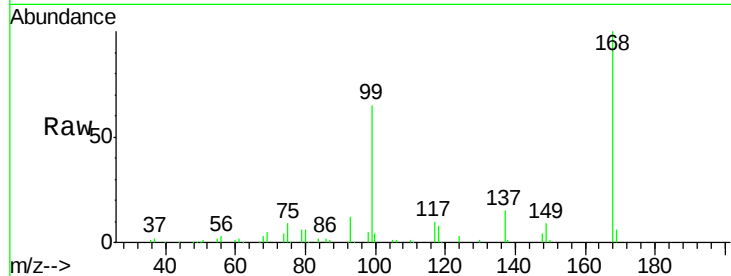
FK-0D015-03-005

Tot Ion:168 Resp: 415978

Ion Ratio Lower Upper

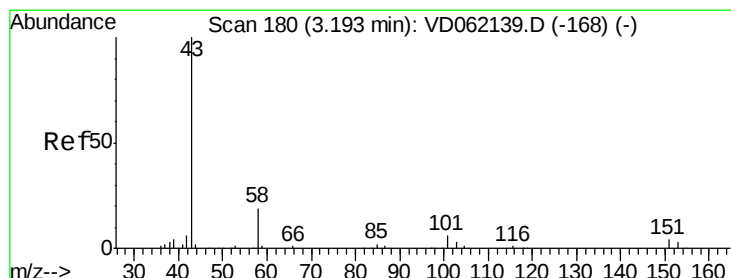
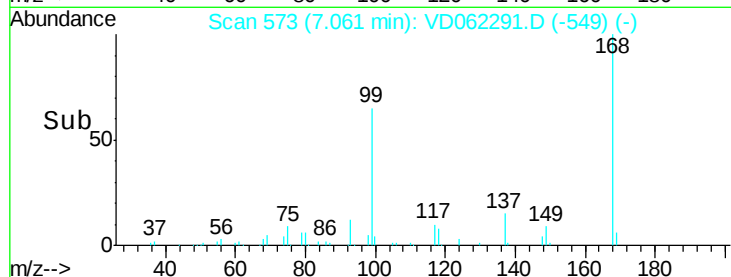
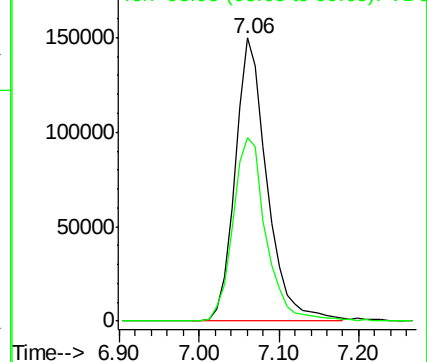
168 100

99 64.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 41.483 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062291.D

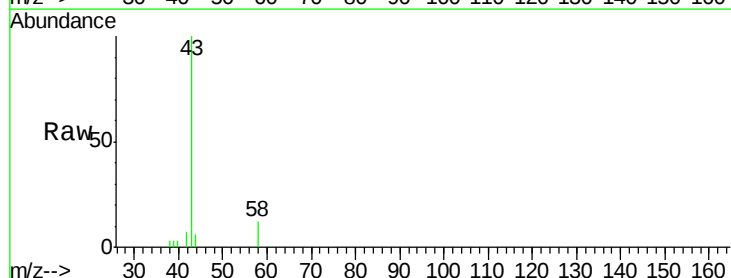
Acq: 13 May 2019 7:27

Tgt Ion: 43 Resp: 33630

Ion Ratio Lower Upper

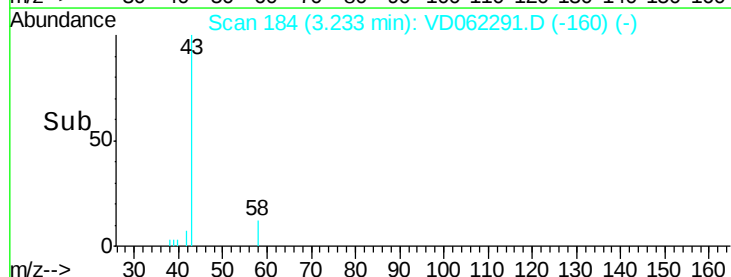
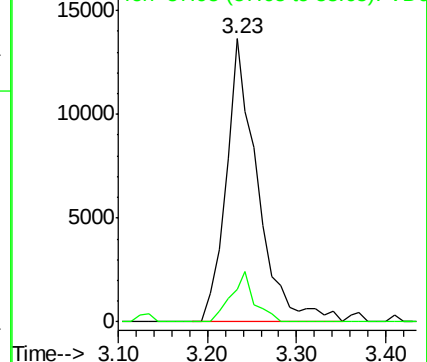
43 100

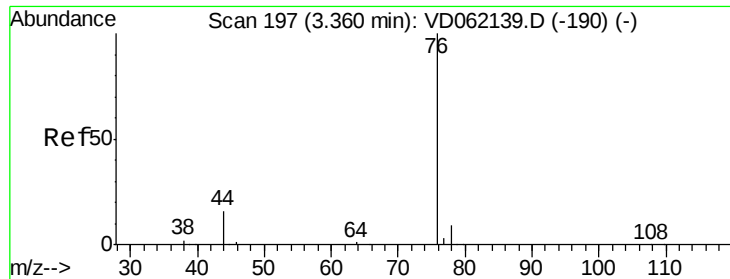
58 11.7 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.812 ug/l

RT: 3.40 min Scan# 201

Delta R.T. 0.04 min

Lab File: VD062291.D

Acq: 13 May 2019 7:27

Instrument :

MSVOA_D

ClientSampleId :

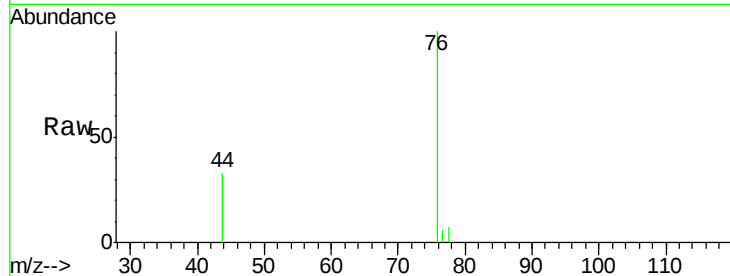
FK-0D015-03-005

Tot Ion: 76 Resp: 16533

Ion Ratio Lower Upper

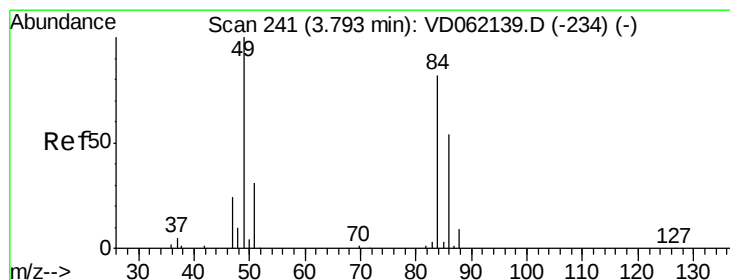
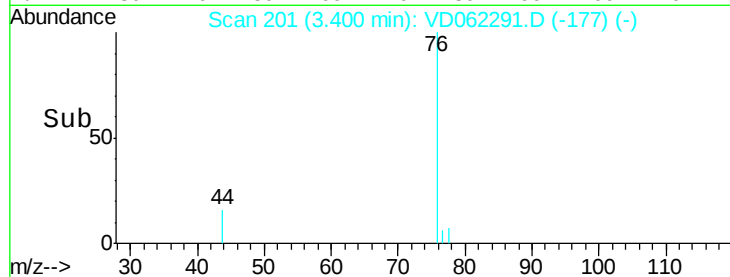
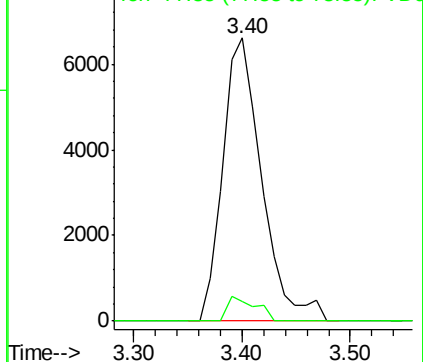
76 100

78 6.8 7.2 10.8#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 3.419 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD062291.D

Acq: 13 May 2019 7:27

Tgt Ion: 84 Resp: 11572

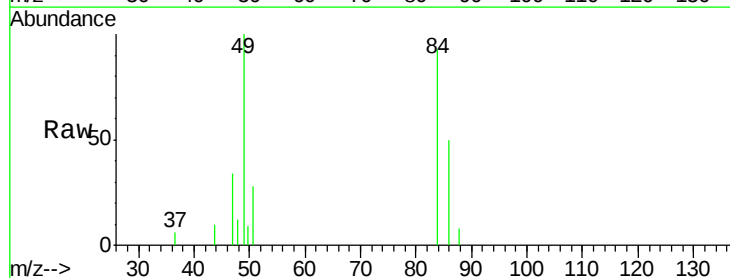
Ion Ratio Lower Upper

84 100

49 107.4 94.0 141.0

51 29.6 29.0 43.4

86 53.3 49.8 74.6

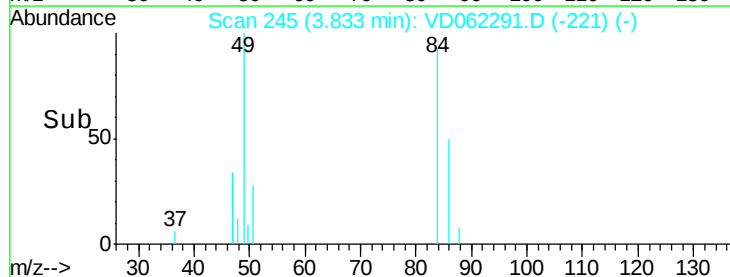
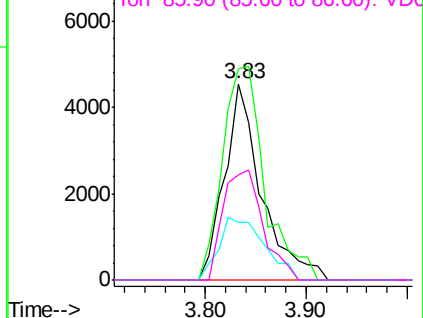


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 67.860 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062291.D

Acq: 13 May 2019 7:27

Instrument :

MSVOA_D

ClientSampleId :

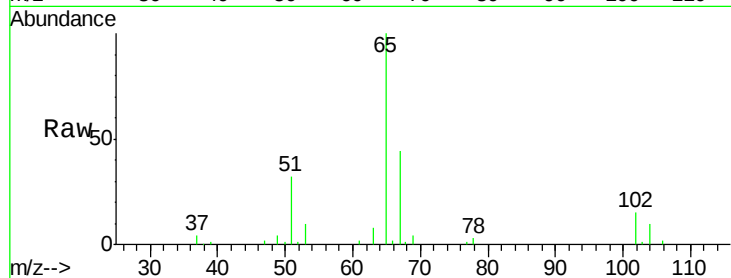
FK-0D015-03-005

Tot Ion: 65 Resp: 262330

Ion Ratio Lower Upper

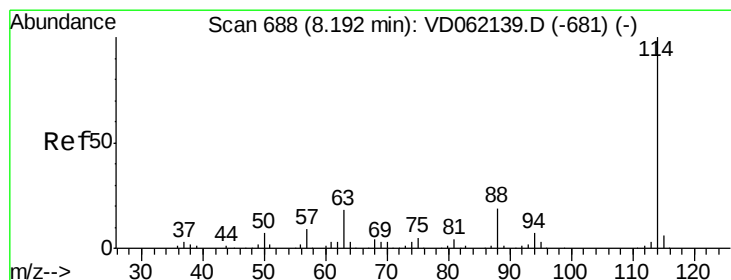
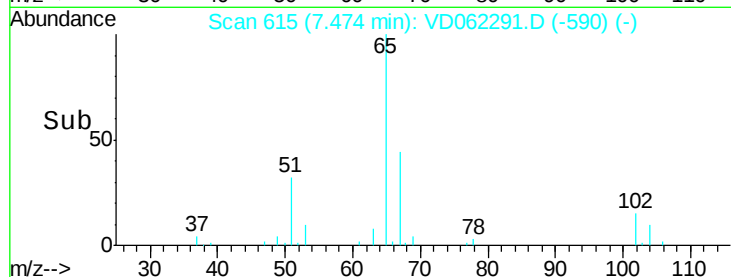
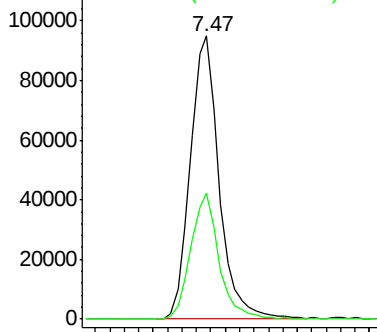
65 100

67 44.4 0.0 98.0



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: 8.24 min Scan# 693

Delta R.T. 0.05 min

Lab File: VD062291.D

Acq: 13 May 2019 7:27

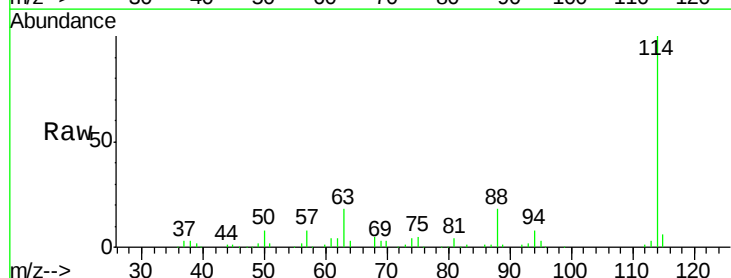
Tgt Ion: 114 Resp: 629630

Ion Ratio Lower Upper

114 100

63 18.1 0.0 32.4

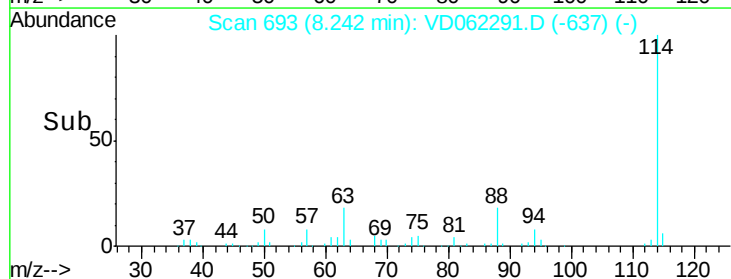
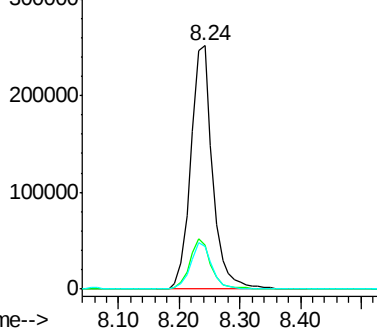
88 17.7 0.0 33.6

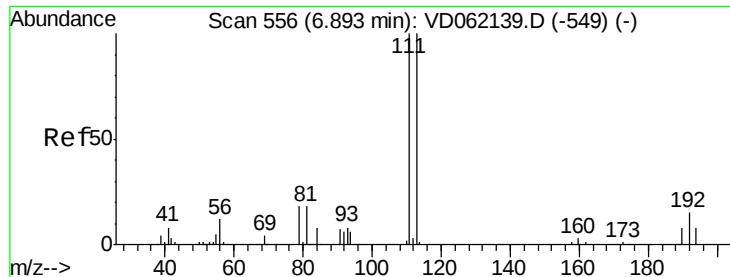


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

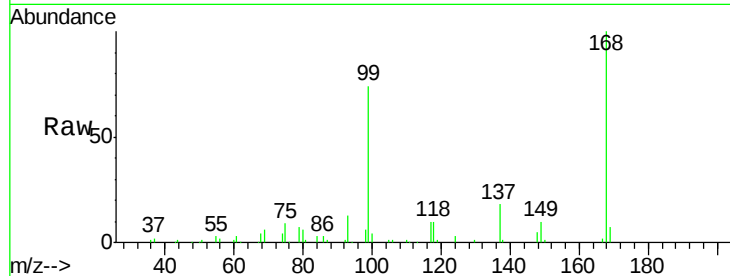




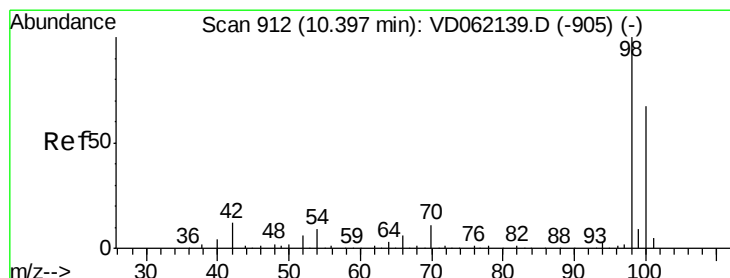
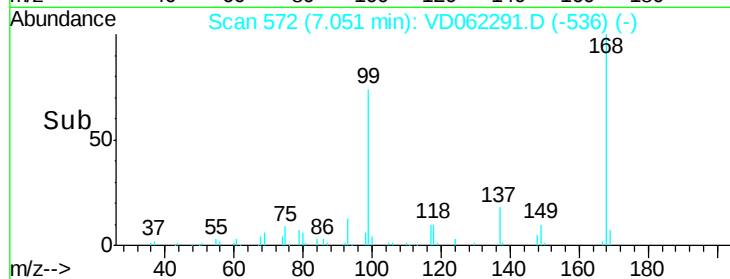
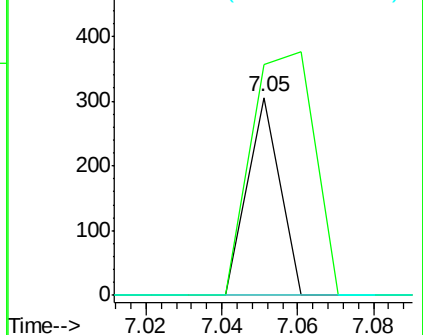
#35
 Dibromofluoromethane
 Concen: 0.034 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. 0.16 min
 Lab File: VD062291.D
 Acq: 13 May 2019 7:27

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-005

Tot Ion:113 Resp: 180
 Ion Ratio Lower Upper
 113 100
 111 117.0 78.5 117.7
 192 0.0 13.0 19.4#

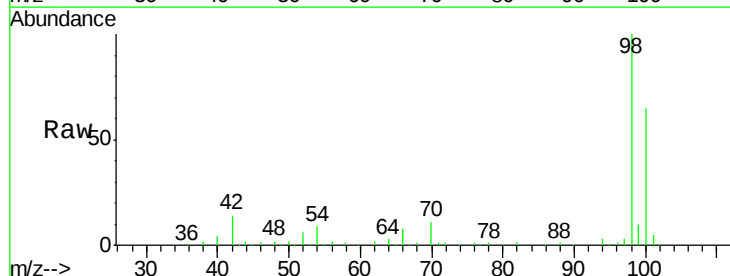


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

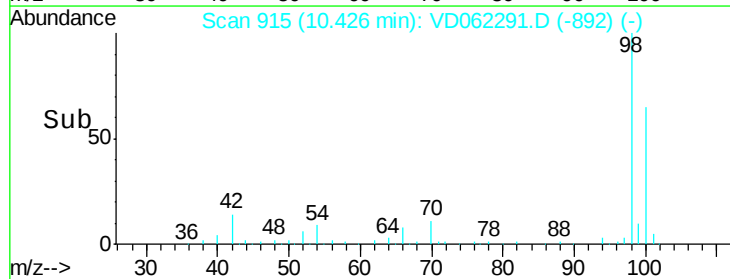
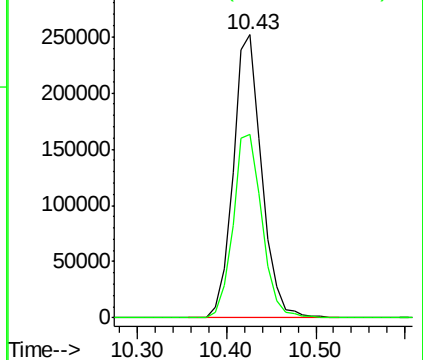


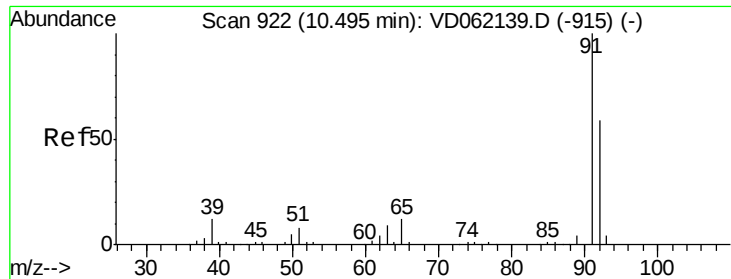
#50
 Toluene-d8
 Concen: 44.528 ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.03 min
 Lab File: VD062291.D
 Acq: 13 May 2019 7:27

Tgt Ion: 98 Resp: 560859
 Ion Ratio Lower Upper
 98 100
 100 65.0 53.8 80.8



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





#52

Toluene

Concen: 9.485 ug/l

RT: 10.51 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD062291.D

Acq: 13 May 2019 7:27

Instrument :

MSVOA_D

ClientSampleId :

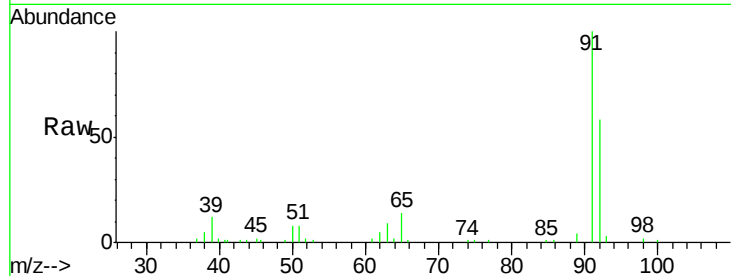
FK-0D015-03-005

Tot Ion: 92 Resp: 71944

Ion Ratio Lower Upper

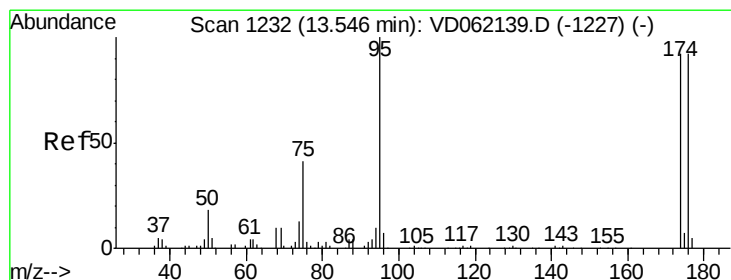
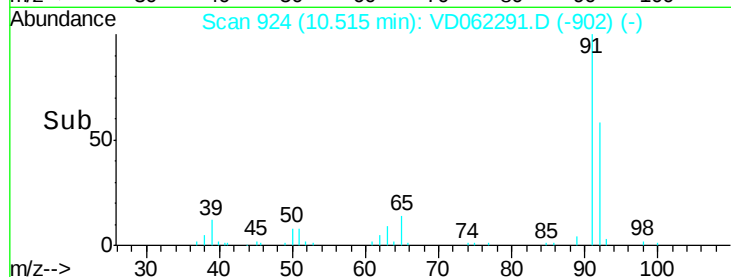
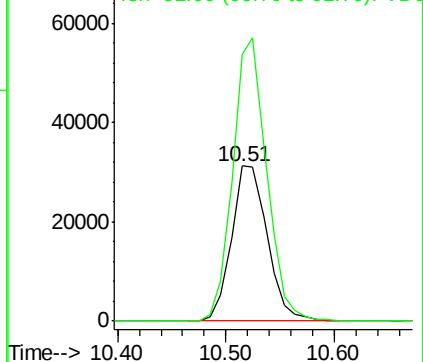
92 100

91 172.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 44.879 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062291.D

Acq: 13 May 2019 7:27

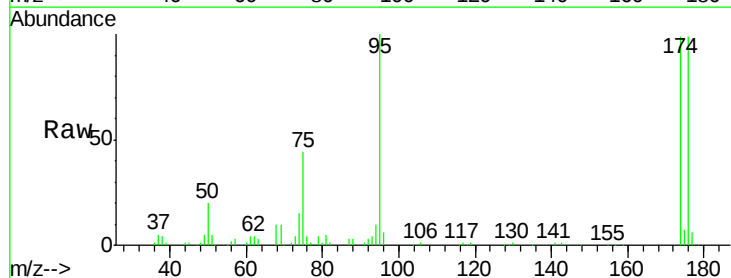
Tgt Ion: 95 Resp: 226995

Ion Ratio Lower Upper

95 100

174 99.3 0.0 181.8

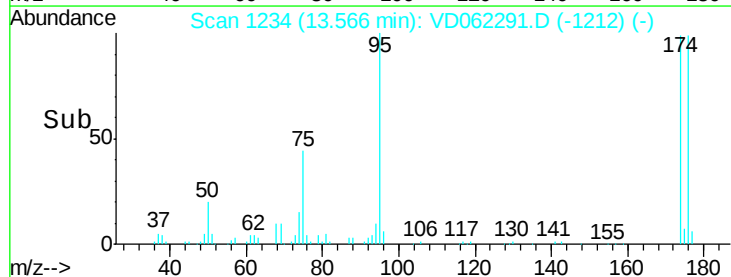
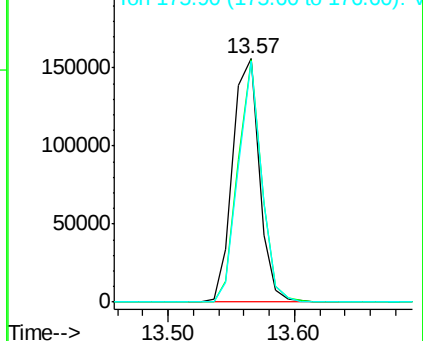
176 99.2 0.0 174.4

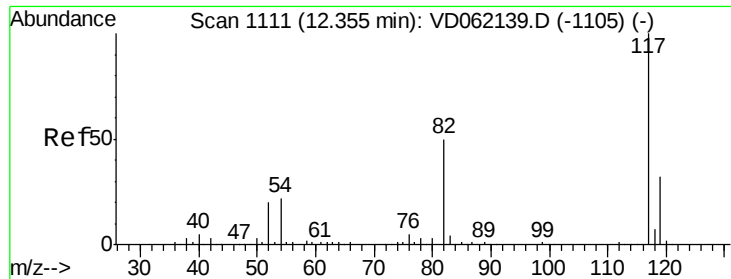


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

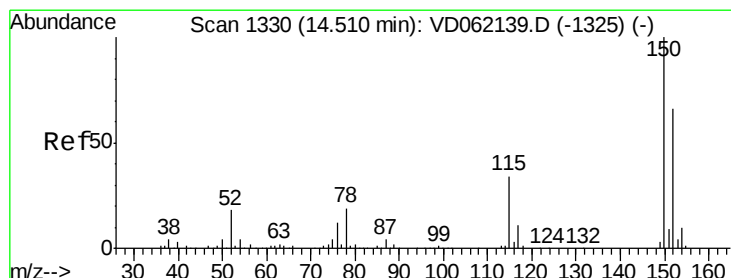
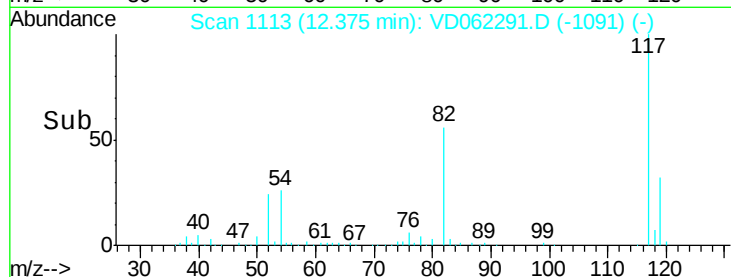
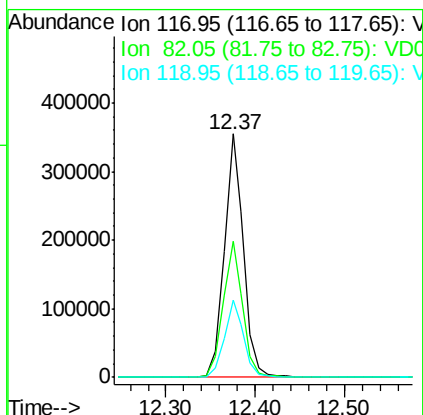
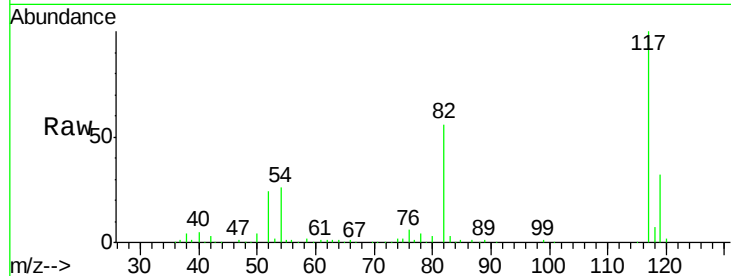




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062291.D
Acq: 13 May 2019 7:27

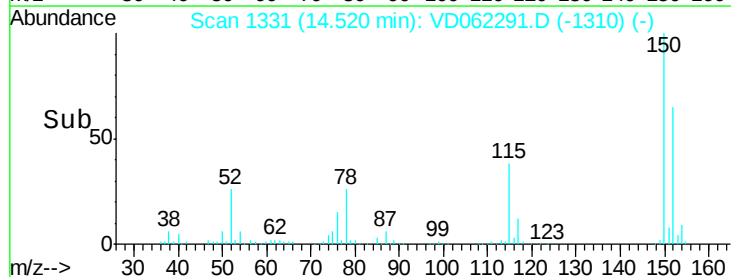
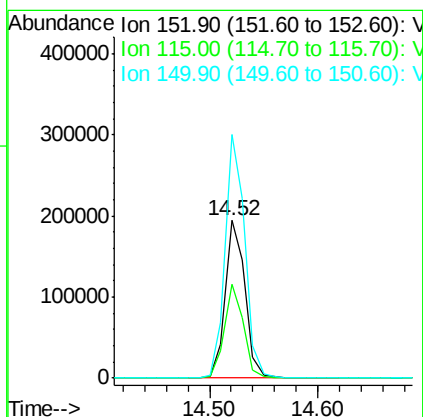
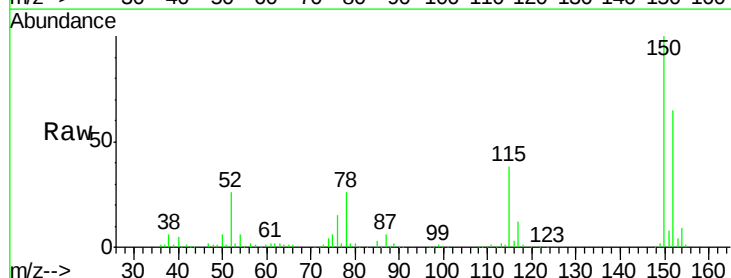
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-005

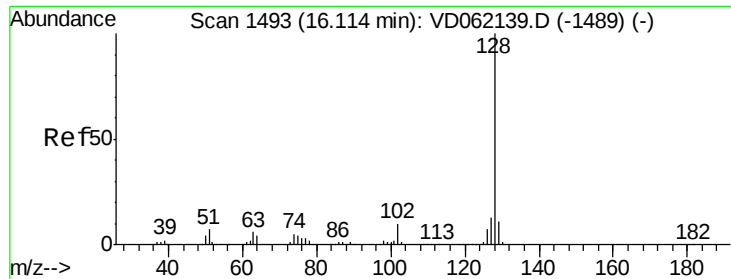
Tot Ion:117 Resp: 538224
Ion Ratio Lower Upper
117 100
82 55.6 36.2 54.2#
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062291.D
Acq: 13 May 2019 7:27

Tgt Ion:152 Resp: 245866
Ion Ratio Lower Upper
152 100
115 59.4 30.9 92.7
150 154.7 0.0 314.8

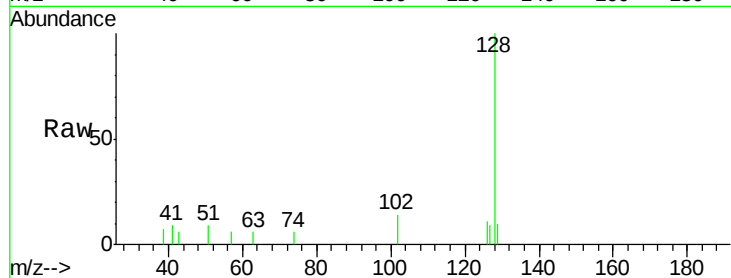




#95
Naphthalene
Concen: 1.163 ug/l
RT: 16.12 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062291.D
Acq: 13 May 2019 7:27

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-005

Tot Ion	Ratio	Lower	Upper
128	100		
127	8.9	9.8	14.8#
129	10.4	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

