

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061280.D
 Acq On : 23 Mar 2019 15:01
 Operator : VA/AP
 Sample : K2078-04
 Misc : 4.78g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-005-B

Quant Time: Mar 25 05:20:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

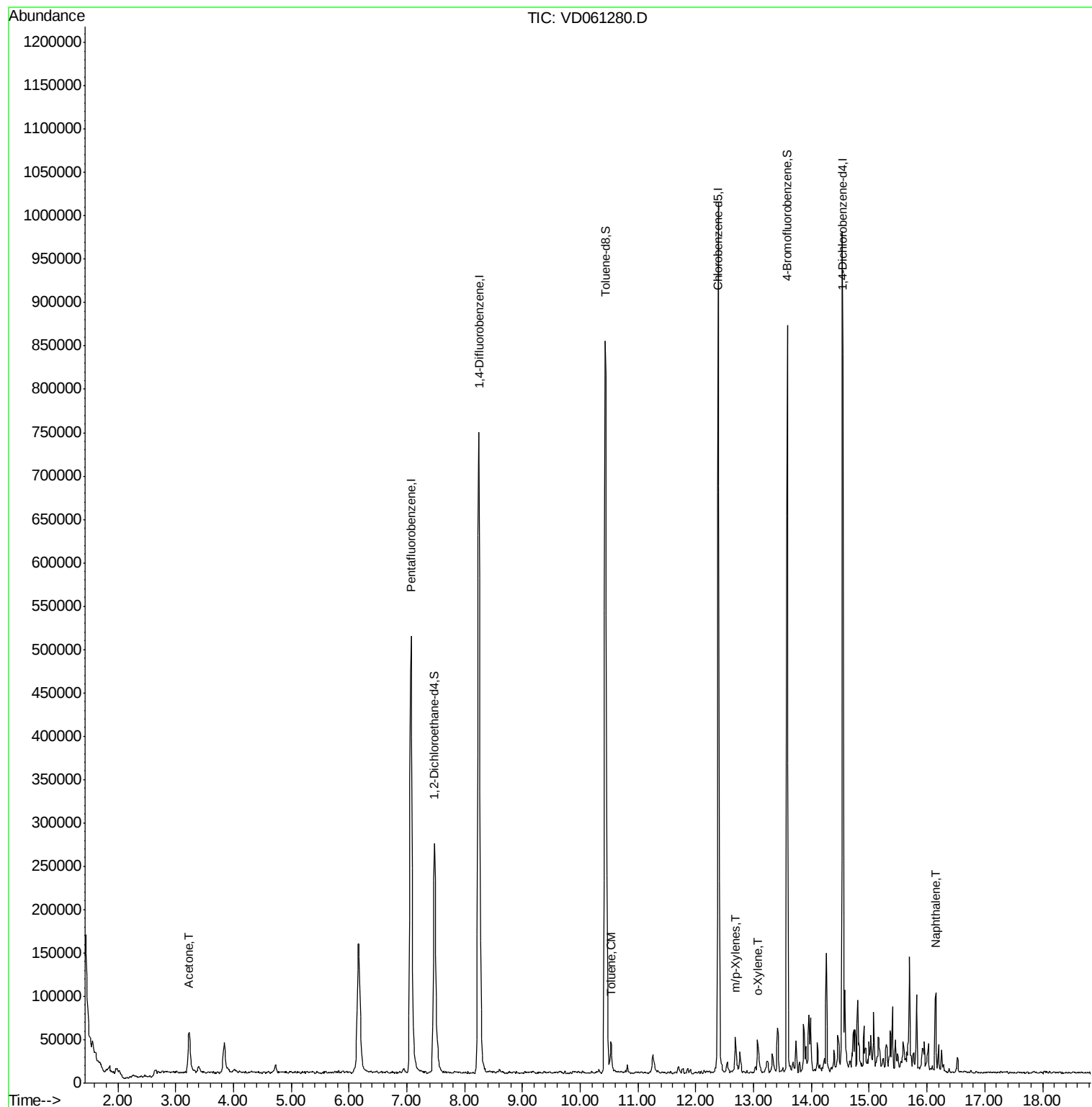
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	524219	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	915332	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	639944	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.55	152	239494	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	240139	55.03	ug/l	0.03
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	6.96	113	4328	0.64	ug/l	0.03
Spiked Amount 50.000			Recovery	=	1.28%	
50) Toluene-d8	10.43	98	776643	45.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.06%	
62) 4-Bromofluorobenzene	13.58	95	271509	41.02	ug/l	0.03
Spiked Amount 50.000			Recovery	=	82.04%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	95491	76.528	ug/l	98
52) Toluene	10.53	92	18072	1.474	ug/l	96
68) m/p-Xylenes	12.68	106	13313	1.816	ug/l	81
69) o-Xylene	13.07	106	9753	1.353	ug/l	98
95) Naphthalene	16.15	128	64000	13.842	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061280.D

Acq: 23 Mar 2019 15:01

Instrument :

MSVOA_D

ClientSampleId :

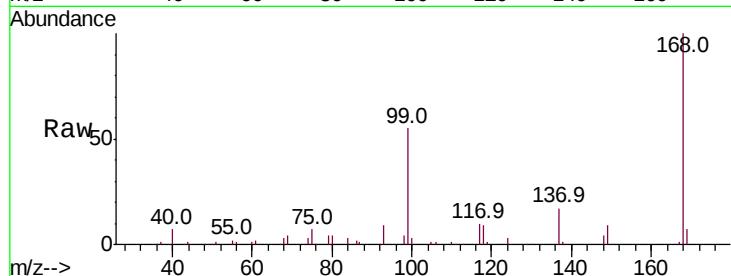
FK-SF-01-005-B

Tot Ion:168 Resp: 524219

Ion Ratio Lower Upper

168 100

99 54.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

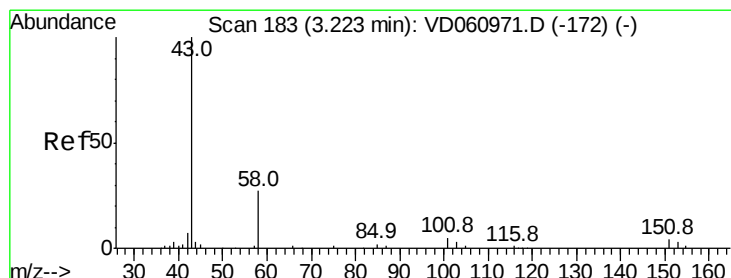
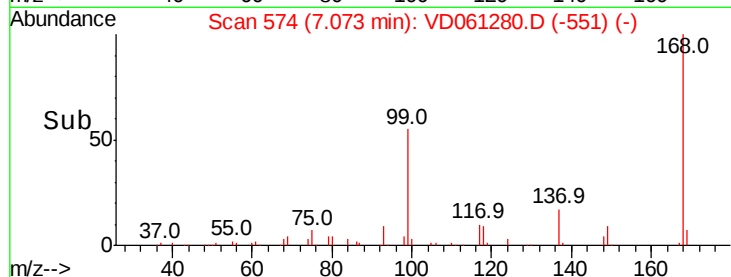
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 76.528 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061280.D

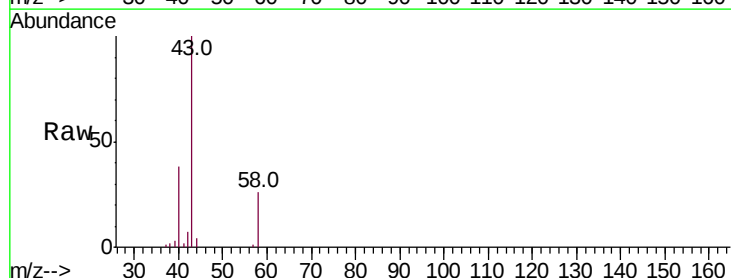
Acq: 23 Mar 2019 15:01

Tgt Ion: 43 Resp: 95491

Ion Ratio Lower Upper

43 100

58 26.0 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

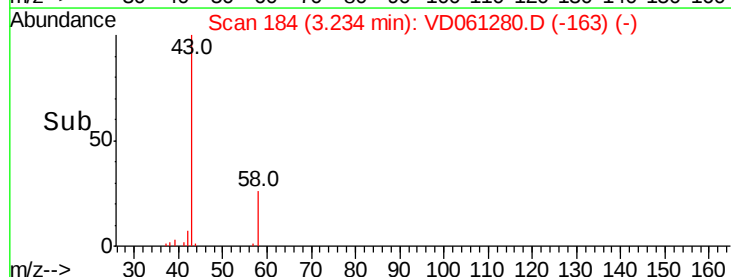
30000

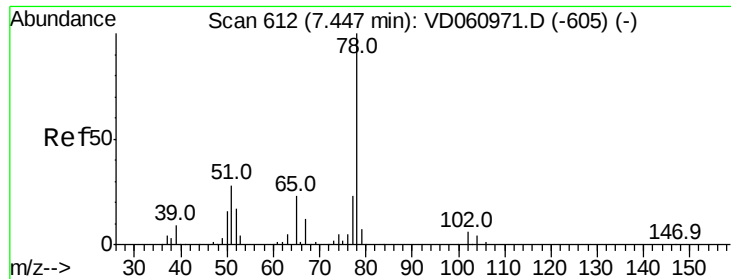
20000

10000

0

Time--> 3.10 3.20 3.30 3.40





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061280.D

Acq: 23 Mar 2019 15:01

Instrument :

MSVOA_D

ClientSampleId :

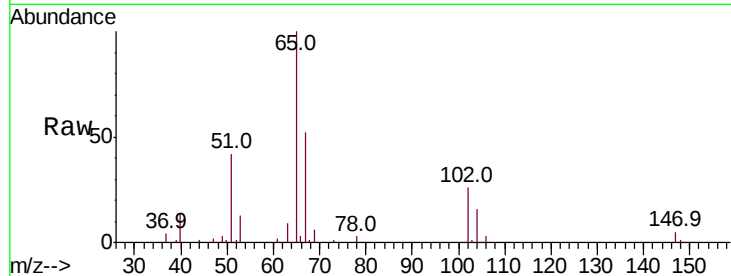
FK-SF-01-005-B

Tot Ion: 65 Resp: 240139

Ion Ratio Lower Upper

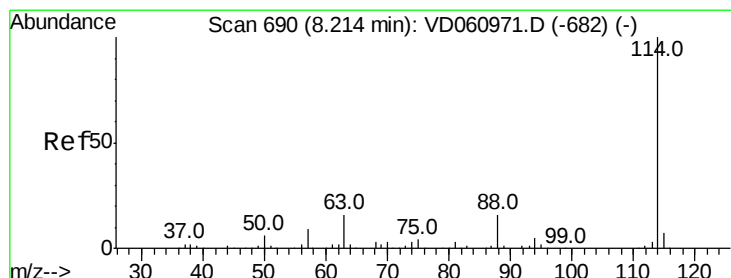
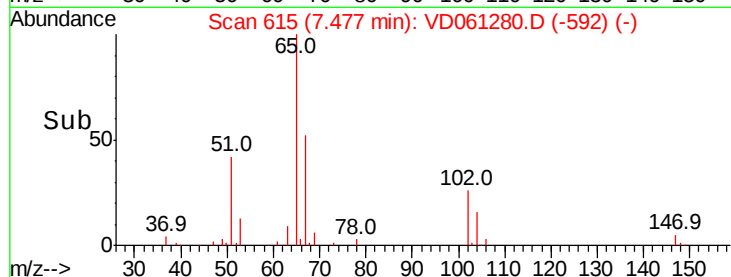
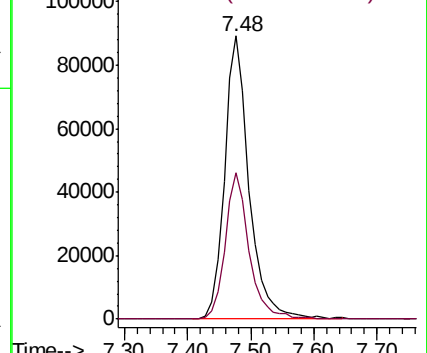
65 100

67 51.9 0.0 105.2



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. 0.03 min

Lab File: VD061280.D

Acq: 23 Mar 2019 15:01

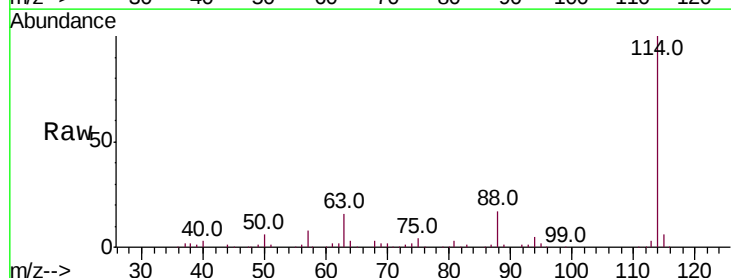
Tgt Ion: 114 Resp: 915332

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

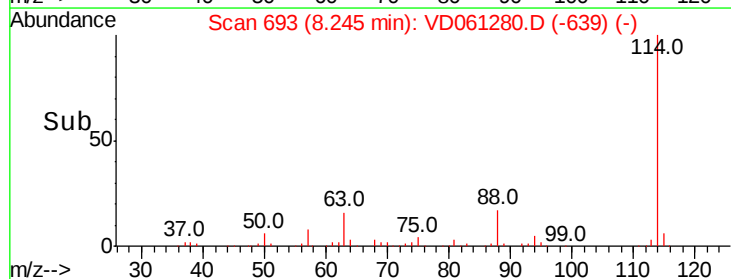
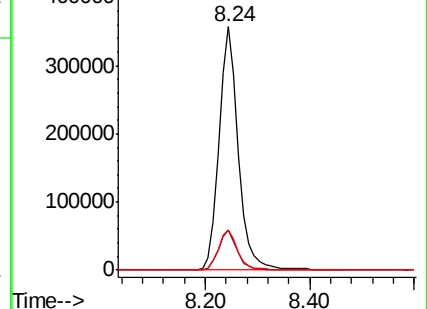
88 16.7 0.0 33.0

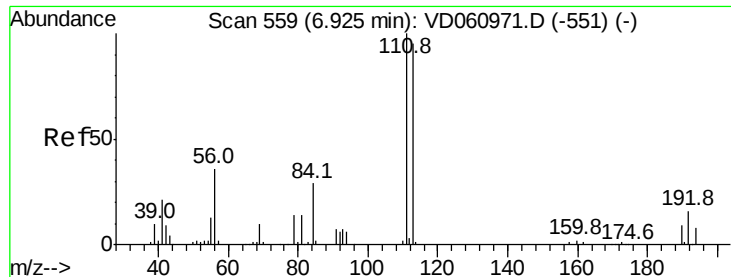


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061280.D

Acq: 23 Mar 2019 15:01

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-005-B

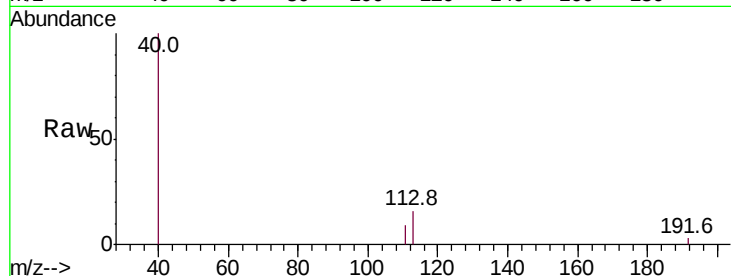
Tot Ion:113 Resp: 4328

Ion Ratio Lower Upper

113 100

111 53.3 84.2 126.4#

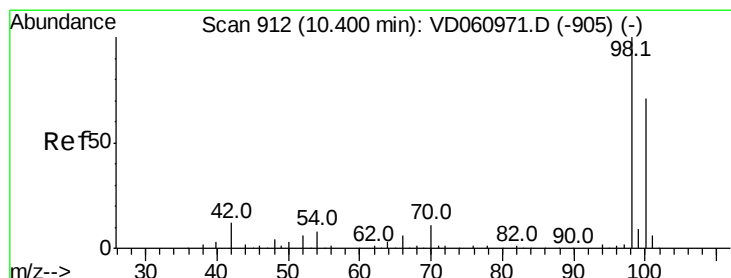
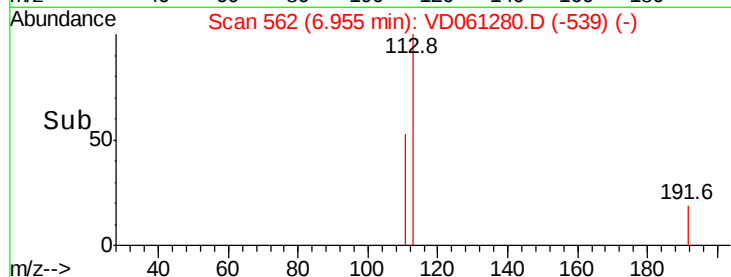
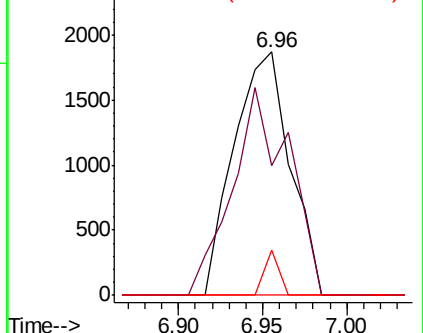
192 18.7 13.1 19.7



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: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061280.D

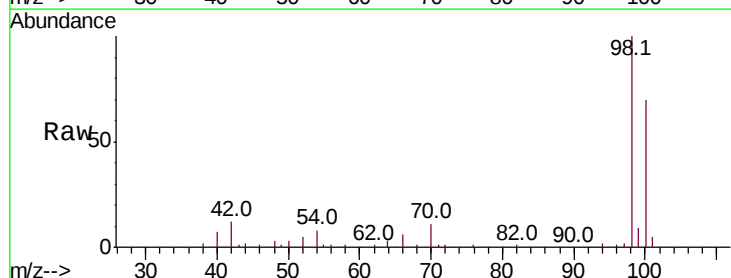
Acq: 23 Mar 2019 15:01

Tgt Ion: 98 Resp: 776643

Ion Ratio Lower Upper

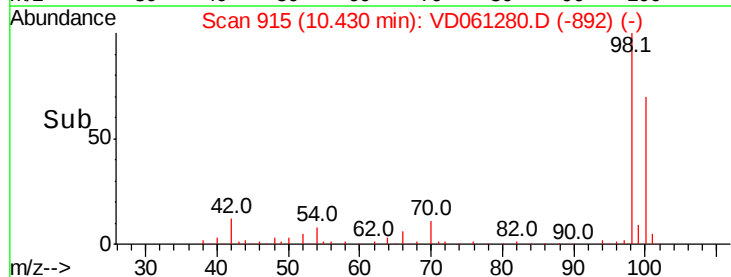
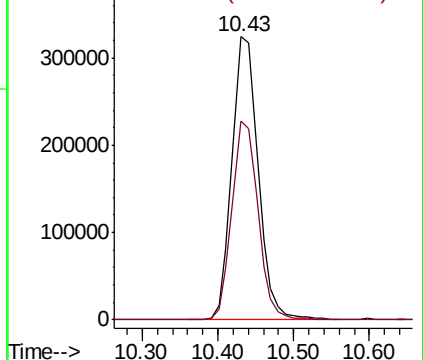
98 100

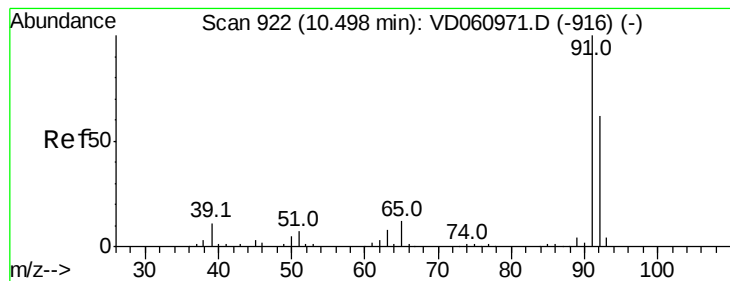
100 70.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.474 ug/l

RT: 10.53 min Scan# 925

Delta R.T. 0.03 min

Lab File: VD061280.D

Acq: 23 Mar 2019 15:01

Instrument :

MSVOA_D

ClientSampleId :

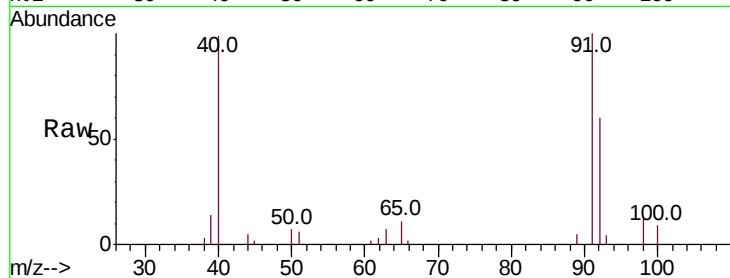
FK-SF-01-005-B

Tot Ion: 92 Resp: 18072

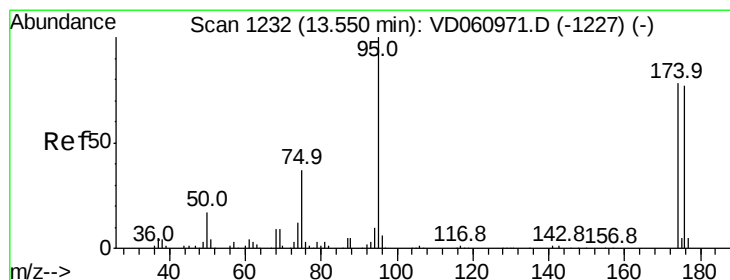
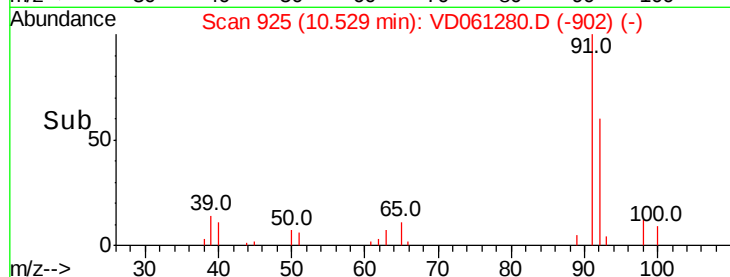
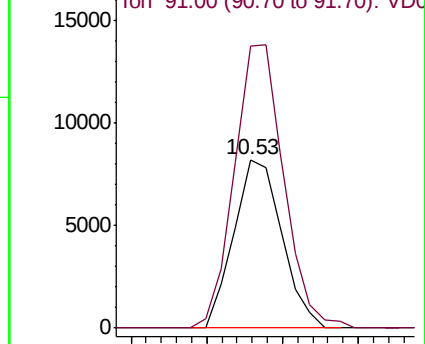
Ion Ratio Lower Upper

92 100

91 167.6 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD061280.D

Acq: 23 Mar 2019 15:01

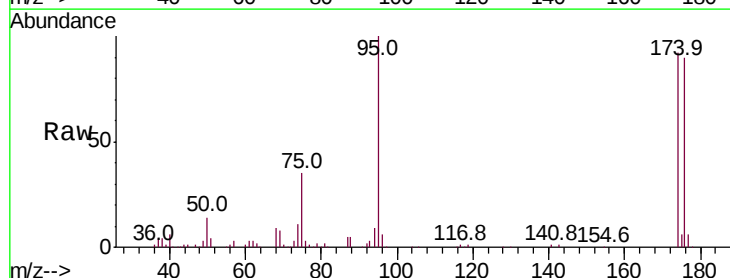
Tgt Ion: 95 Resp: 271509

Ion Ratio Lower Upper

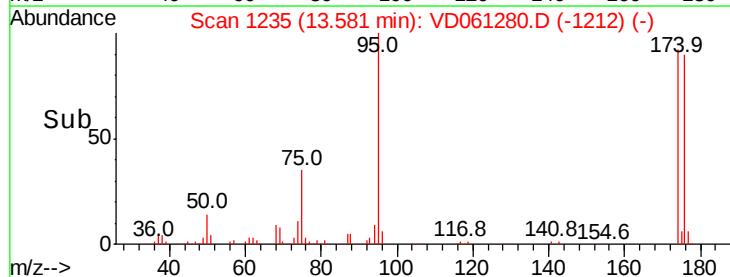
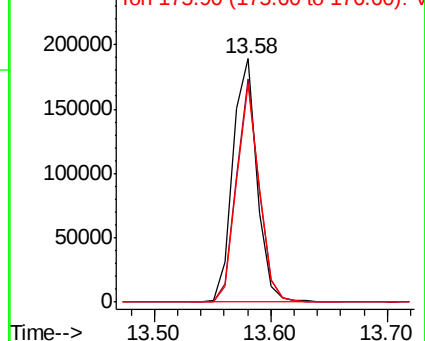
95 100

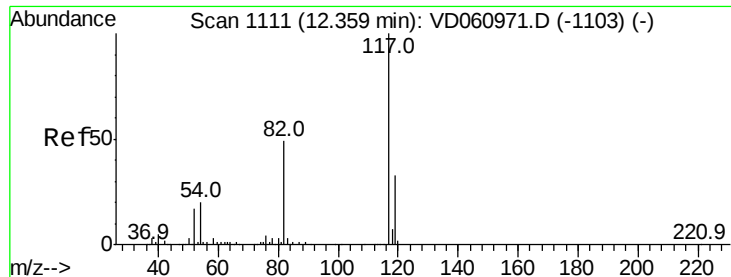
174 91.8 0.0 155.6

176 89.6 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

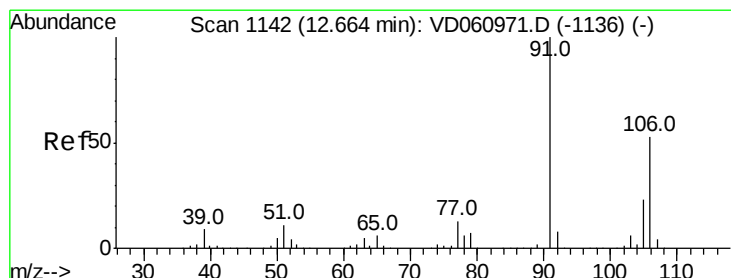
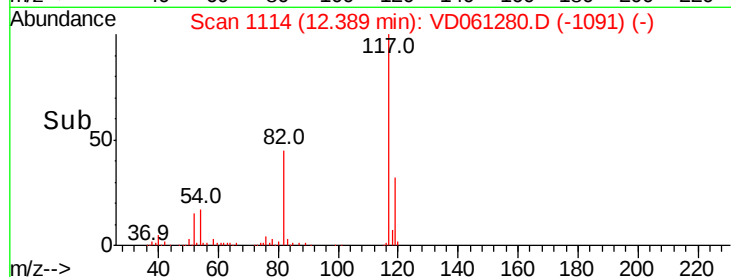
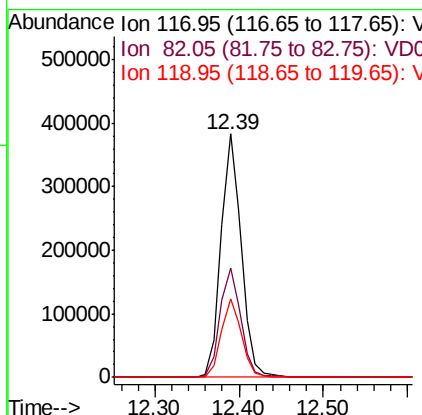
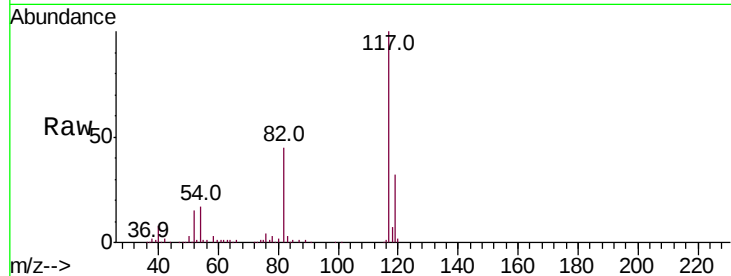




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061280.D
Acq: 23 Mar 2019 15:01

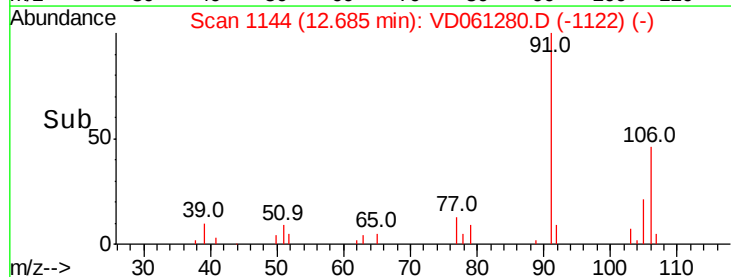
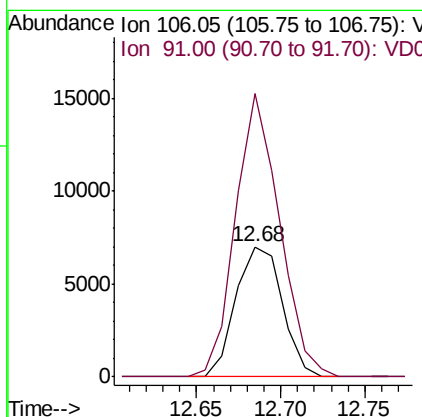
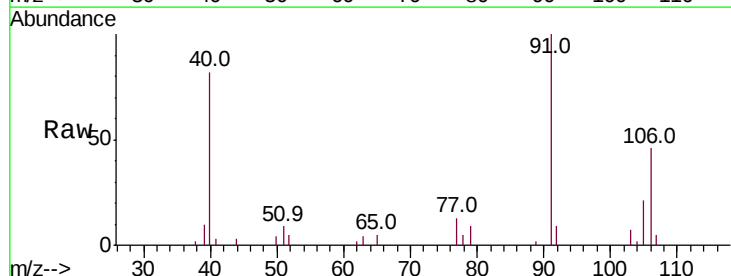
Instrument :
MSVOA_D
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FK-SF-01-005-B

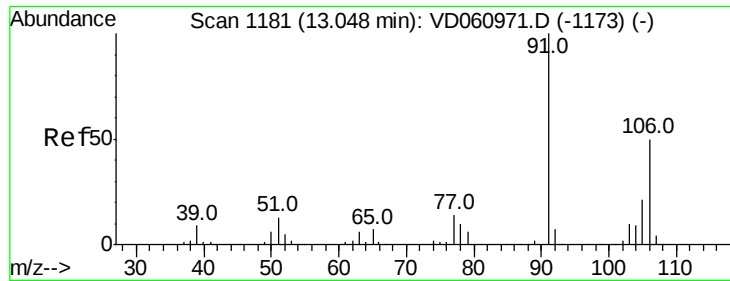
Tot Ion:117 Resp: 639944
Ion Ratio Lower Upper
117 100
82 44.9 38.9 58.3
119 32.3 26.6 39.8



#68
m/p-Xylenes
Concen: 1.816 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.02 min
Lab File: VD061280.D
Acq: 23 Mar 2019 15:01

Tgt Ion:106 Resp: 13313
Ion Ratio Lower Upper
106 100
91 217.2 152.0 228.0

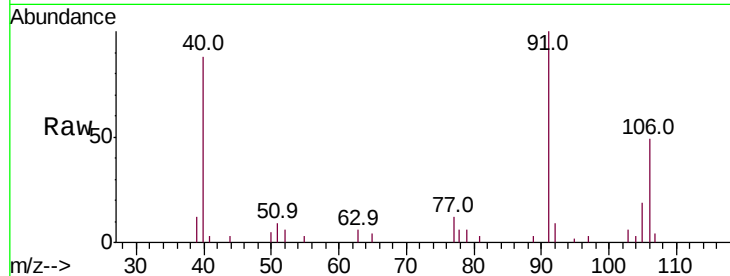




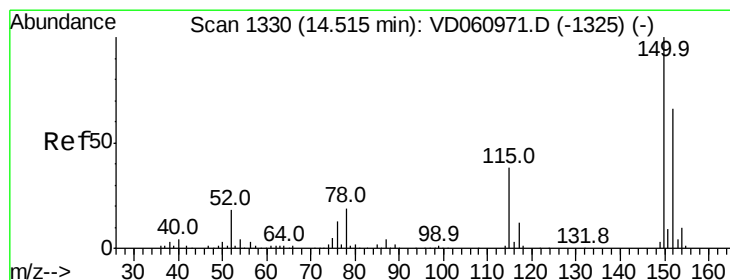
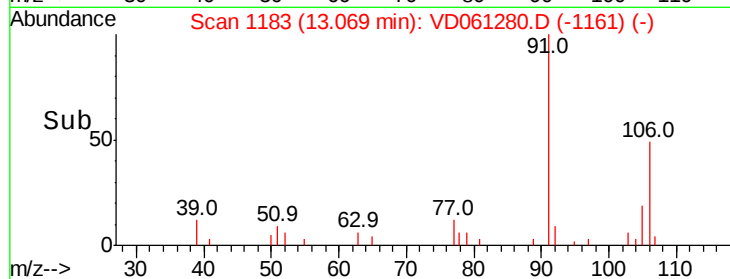
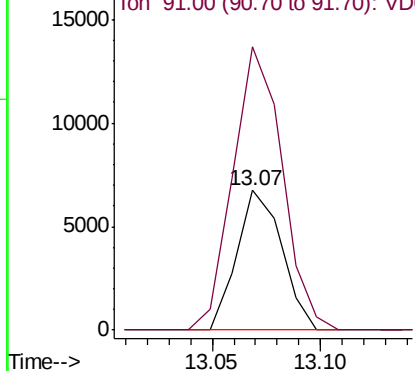
#69
o-Xylene
Concen: 1.353 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.02 min
Lab File: VD061280.D
Acq: 23 Mar 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-005-B

Tot Ion:106 Resp: 9753
Ion Ratio Lower Upper
106 100
91 203.1 99.8 299.3

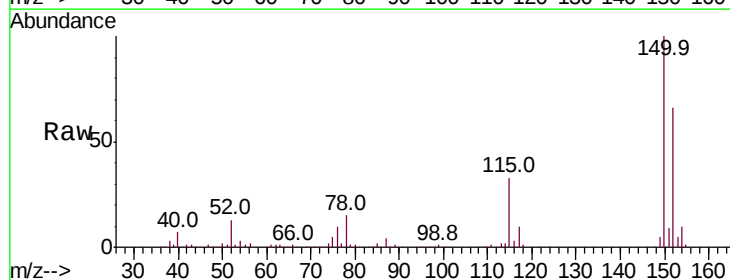


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

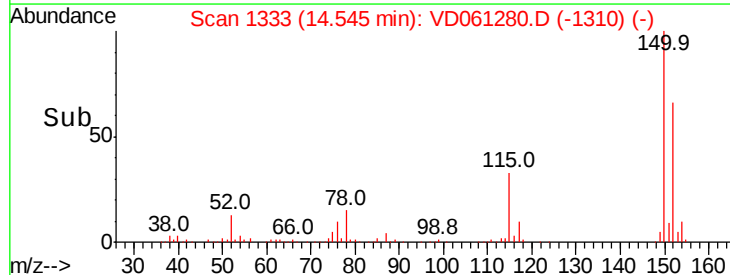
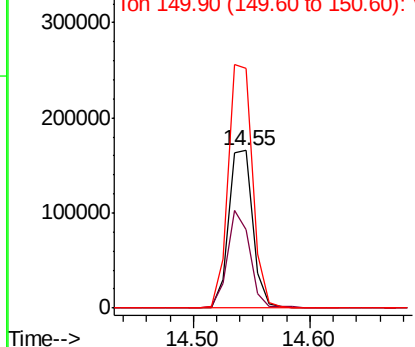


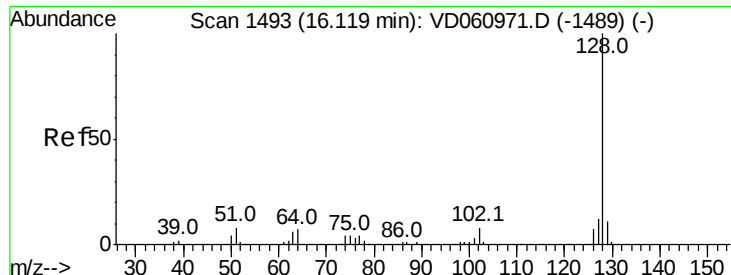
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.55 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD061280.D
Acq: 23 Mar 2019 15:01

Tgt Ion:152 Resp: 239494
Ion Ratio Lower Upper
152 100
115 49.5 28.6 85.9
150 152.1 0.0 310.6



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

Napthalene

Concen: 13.842 ug/l

RT: 16.15 min Scan# 1496

Delta R.T. 0.03 min

Lab File: VD061280.D

Acq: 23 Mar 2019 15:01

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-005-B

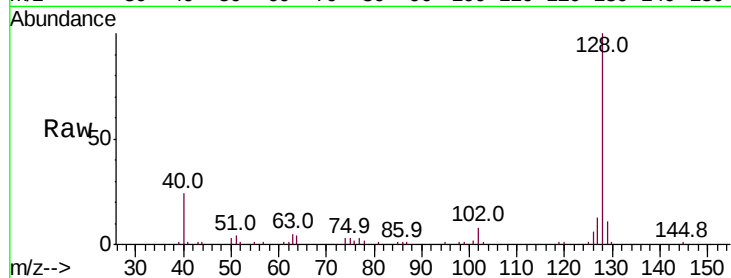
Tot Ion:128 Resp: 64000

Ion Ratio Lower Upper

128 100

127 12.6 9.8 14.8

129 10.6 8.5 12.7



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

