

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002713.D
 Acq On : 19 Jun 2018 15:24
 Operator : JC/MD
 Sample : J3508-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KGS-SIDE-1-B

Quant Time: Jun 19 16:30:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	172148	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	151343	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
35) Dibromofluoromethane	5.51	113	119547	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	8.72	98	452600	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	161694	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	

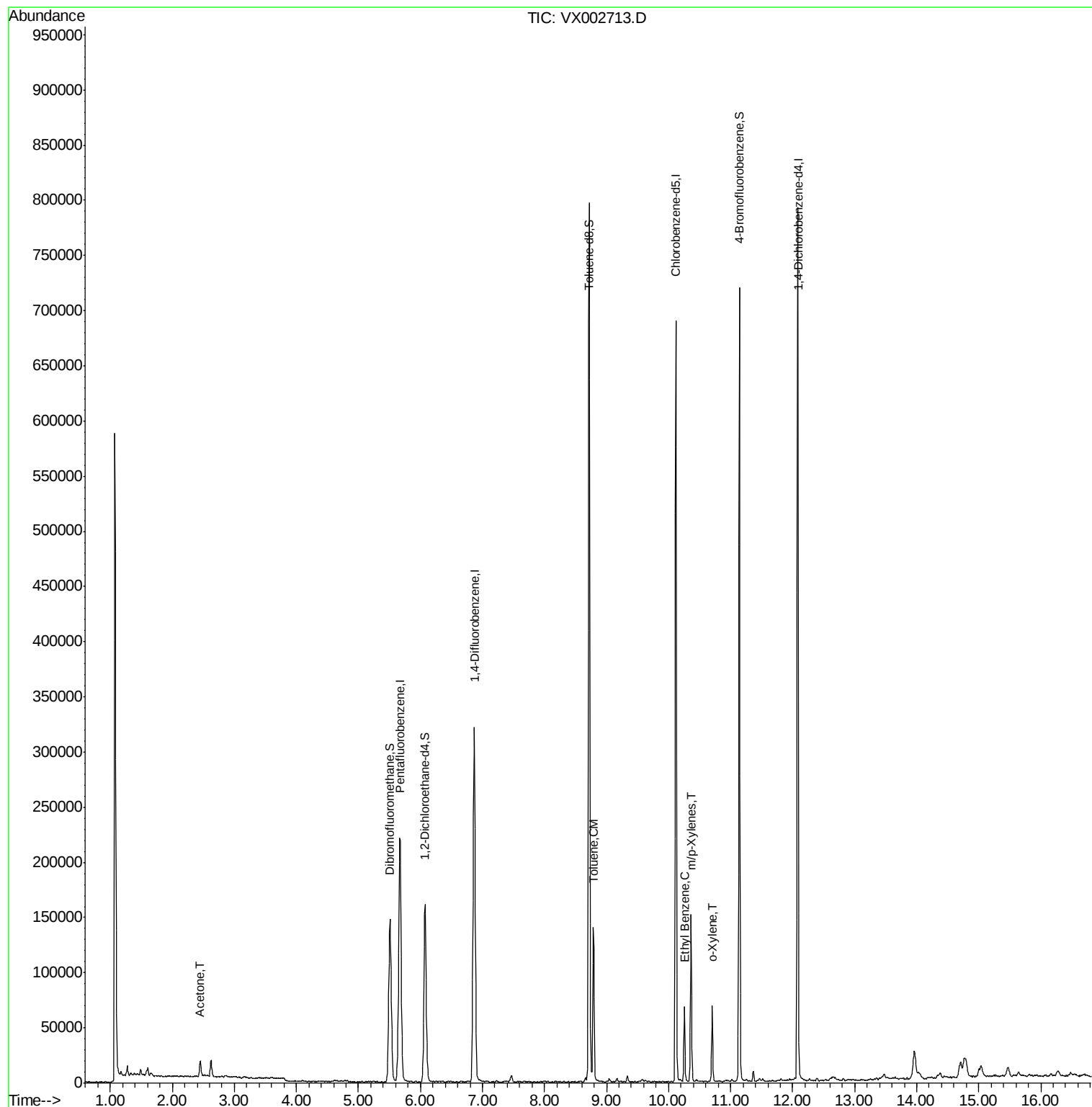
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	16025	10.87	ug/l	99
52) Toluene	8.79	92	48125	7.43	ug/l	99
67) Ethyl Benzene	10.26	91	36671	2.96	ug/l	98
68) m/p-Xylenes	10.36	106	34598	7.25	ug/l	99
69) o-Xylene	10.70	106	14454	3.08	ug/l	100

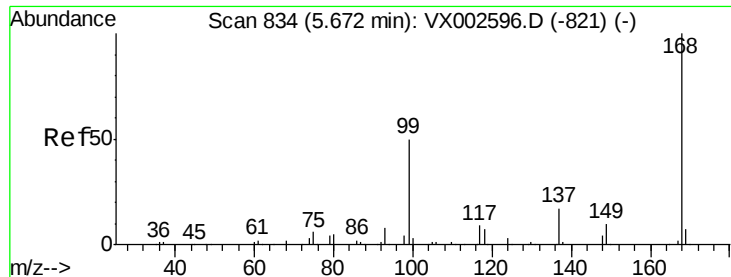
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002713.D

Acq: 19 Jun 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

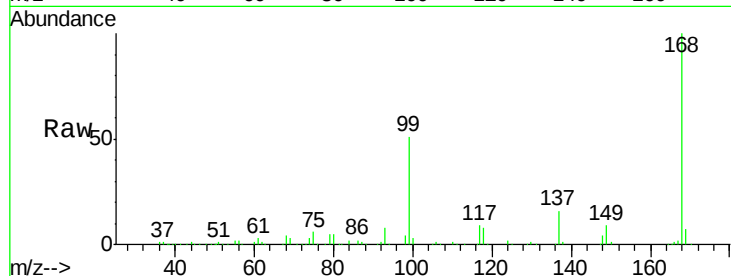
KGS-SIDE-1-B

Tot Ion:168 Resp: 219919

Ion Ratio Lower Upper

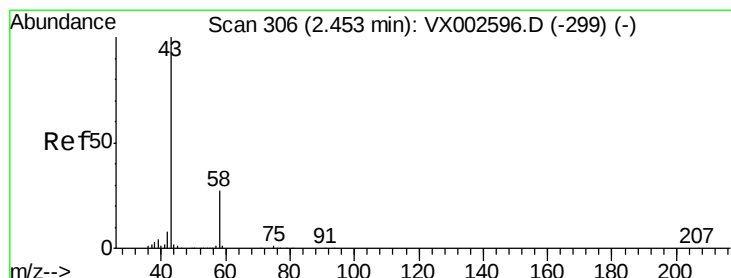
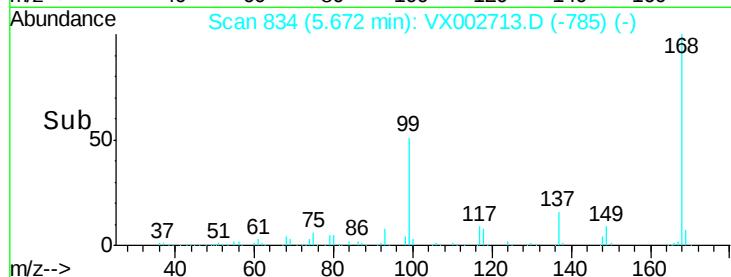
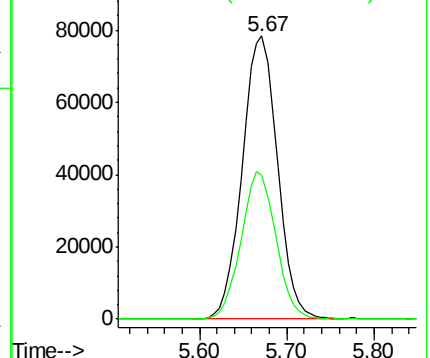
168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002713.D

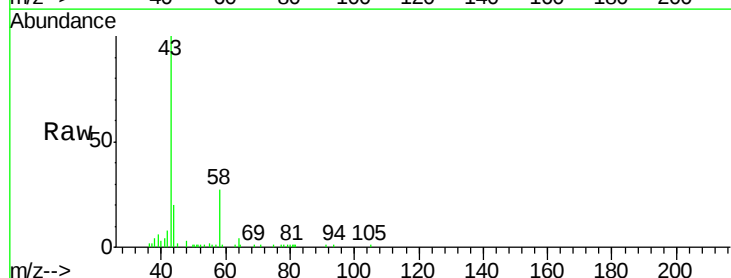
Acq: 19 Jun 2018 15:24

Tgt Ion: 43 Resp: 16025

Ion Ratio Lower Upper

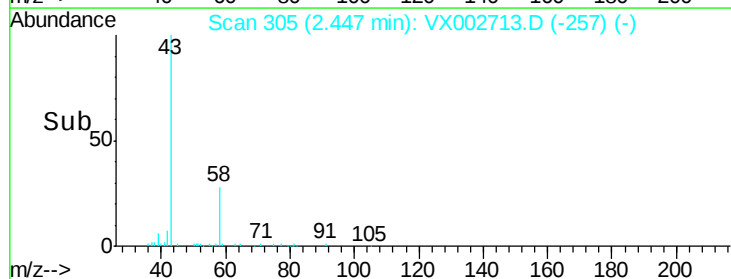
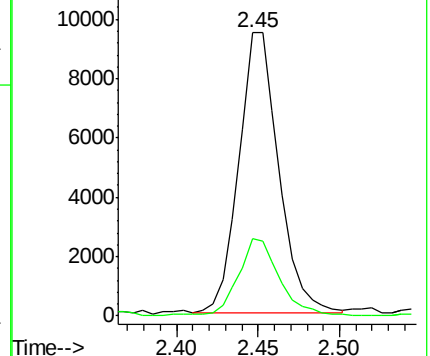
43 100

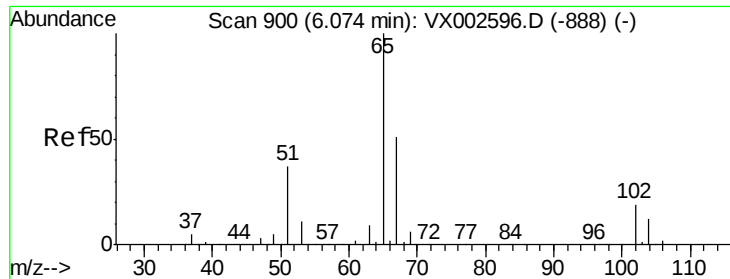
58 26.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.29 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002713.D

Acq: 19 Jun 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

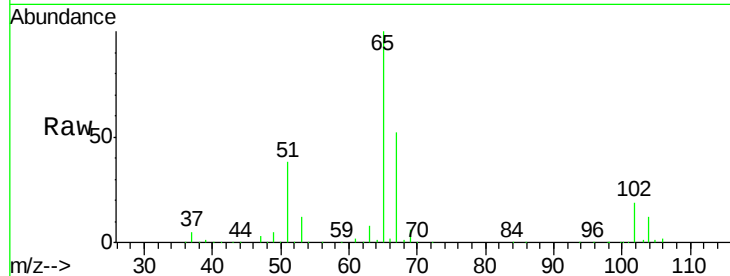
KGS-SIDE-1-B

Tot Ion: 65 Resp: 151343

Ion Ratio Lower Upper

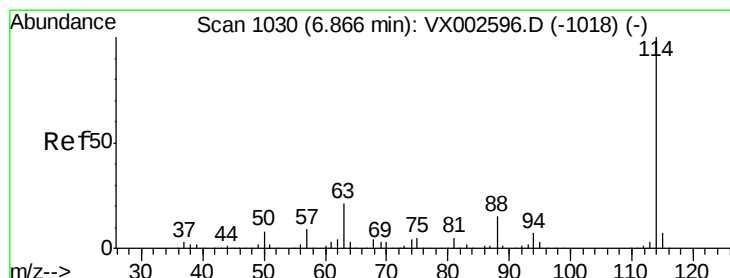
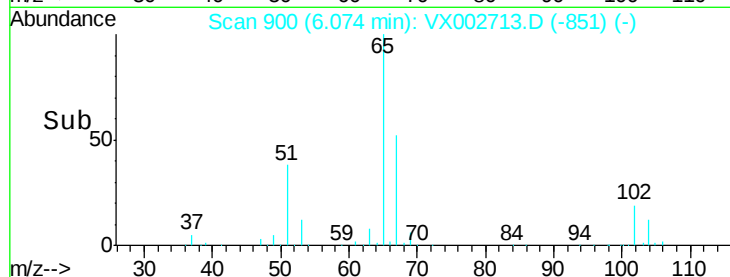
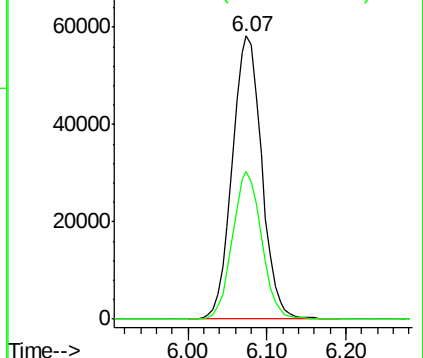
65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002713.D

Acq: 19 Jun 2018 15:24

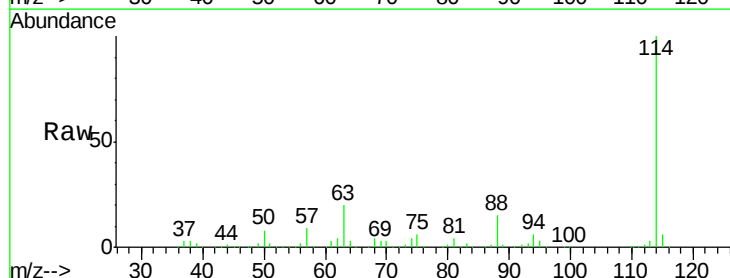
Tgt Ion: 114 Resp: 318806

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

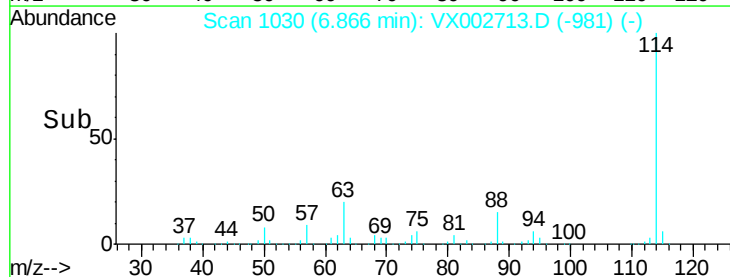
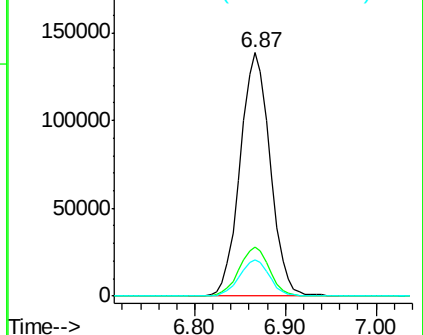
88 14.8 0.0 30.0

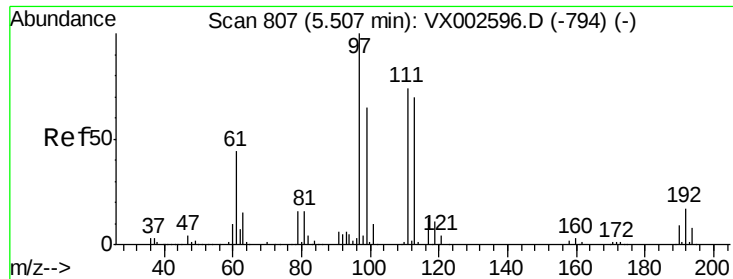


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.98 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002713.D

Acq: 19 Jun 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

KGS-SIDE-1-B

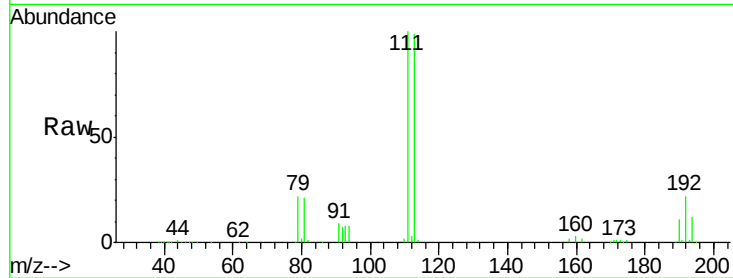
Tot Ion:113 Resp: 119547

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

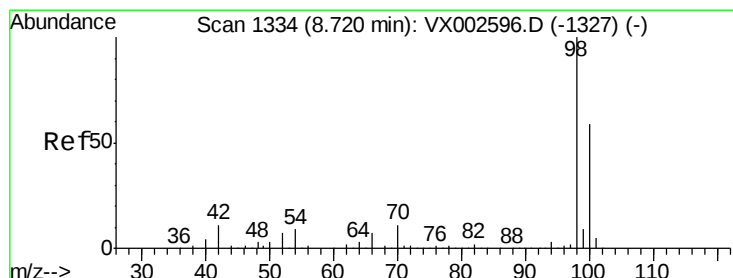
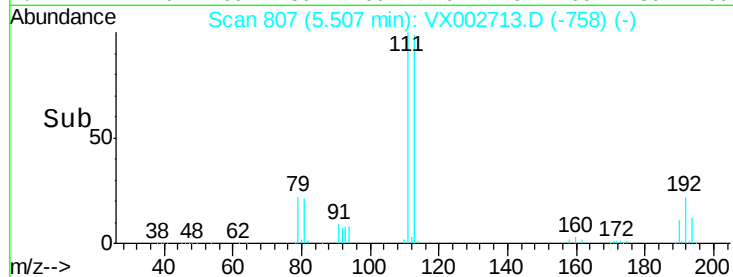
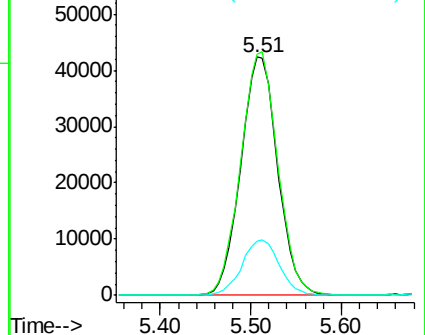
192 23.6 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 46.85 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002713.D

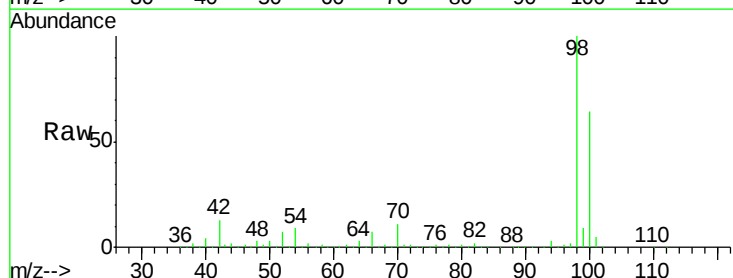
Acq: 19 Jun 2018 15:24

Tgt Ion: 98 Resp: 452600

Ion Ratio Lower Upper

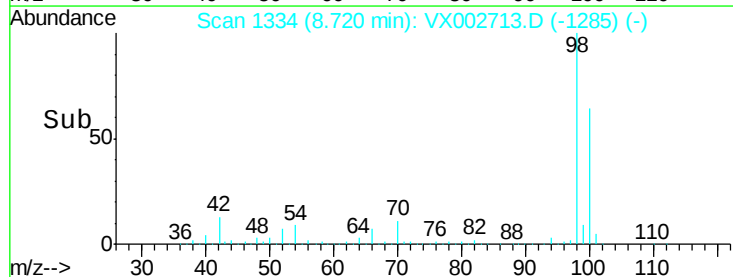
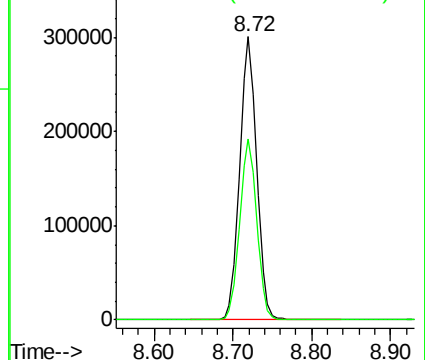
98 100

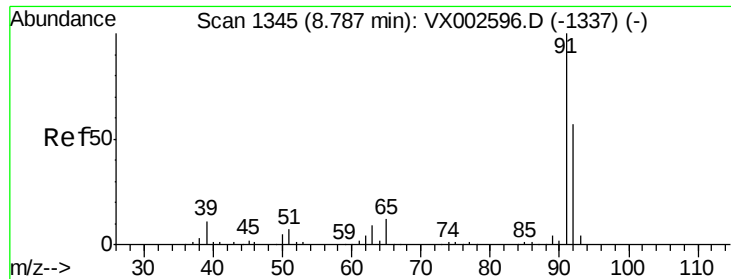
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 7.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002713.D

Acq: 19 Jun 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

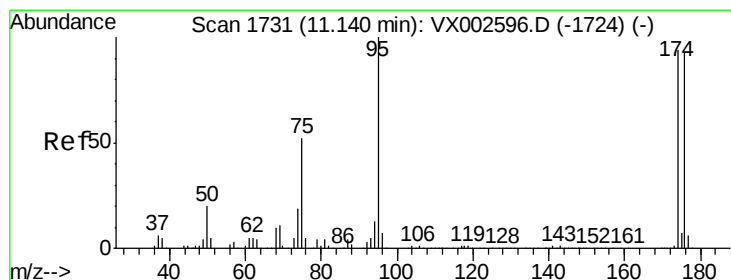
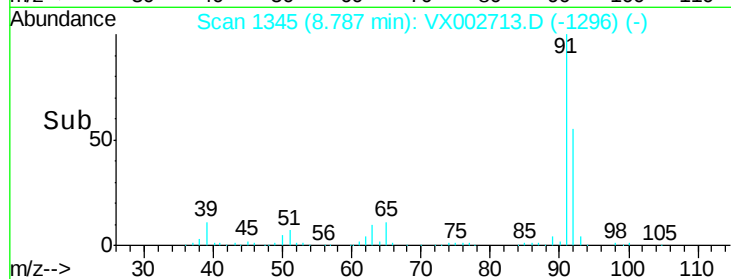
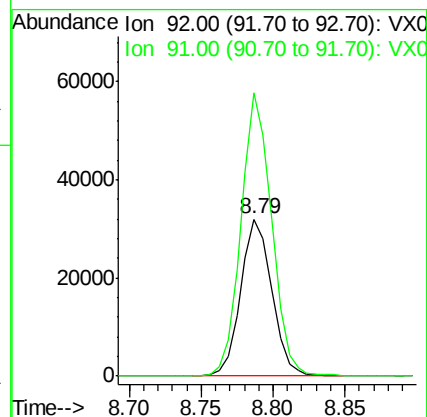
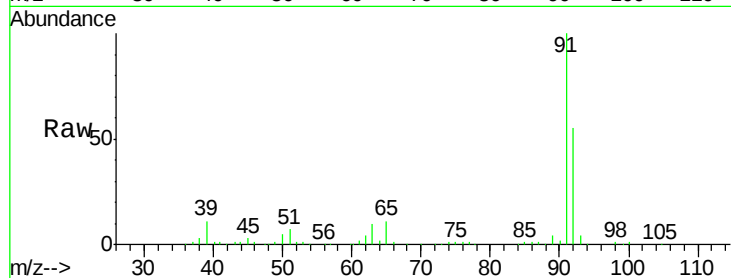
KGS-SIDE-1-B

Tot Ion: 92 Resp: 48125

Ion Ratio Lower Upper

92 100

91 177.4 140.4 210.6



#62

4-Bromofluorobenzene

Concen: 44.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002713.D

Acq: 19 Jun 2018 15:24

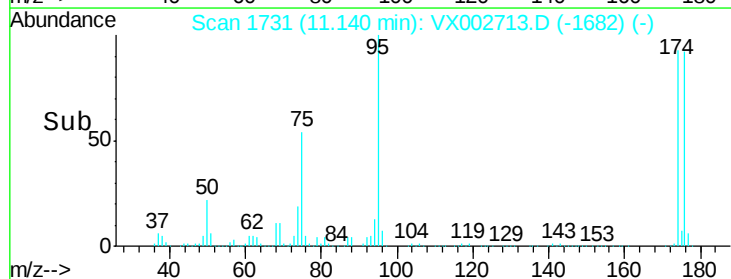
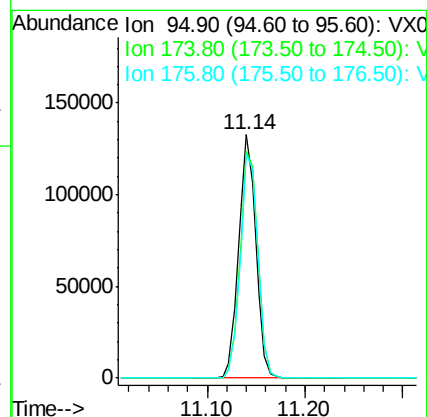
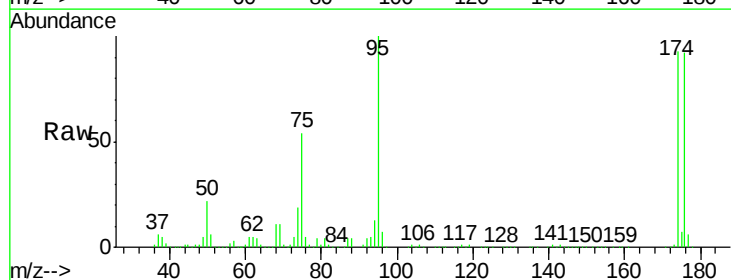
Tgt Ion: 95 Resp: 161694

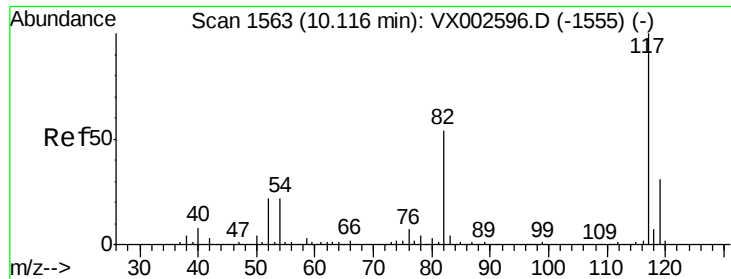
Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

176 94.5 0.0 181.0

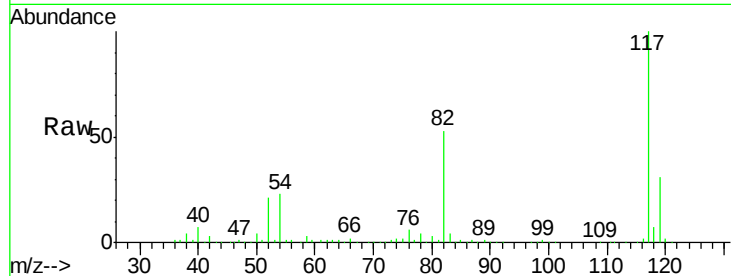




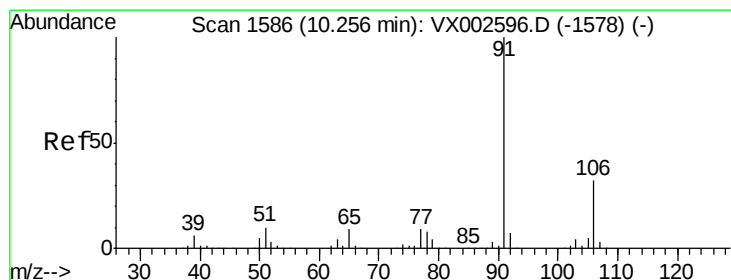
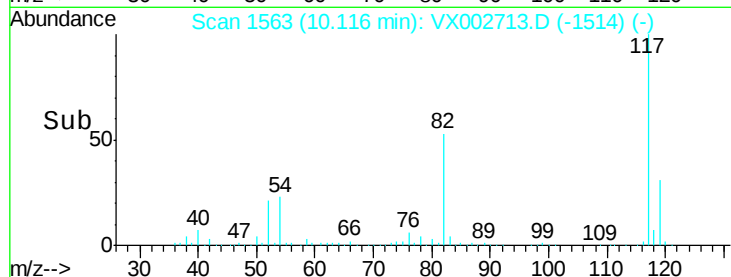
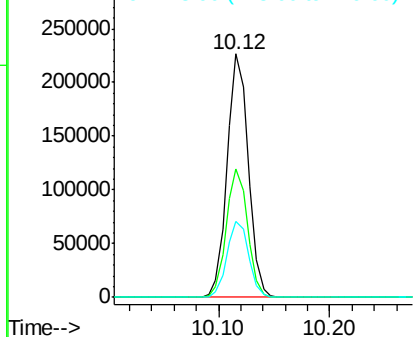
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002713.D
Acq: 19 Jun 2018 15:24

Instrument :
MSVOA_X
ClientSampleId :
KGS-SIDE-1-B

Tot Ion:117 Resp: 298601
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 31.4 25.8 38.6

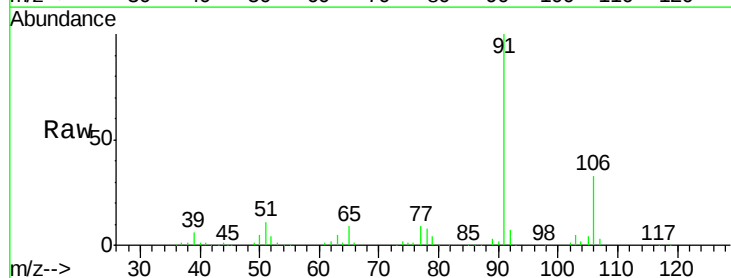


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

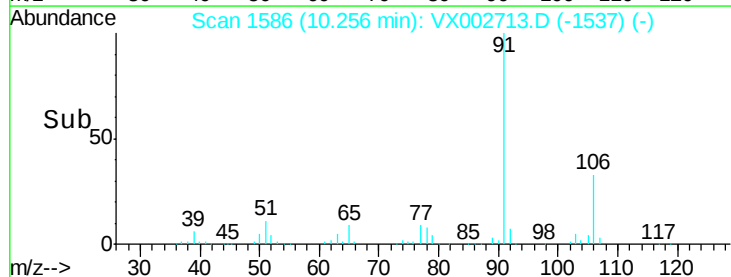
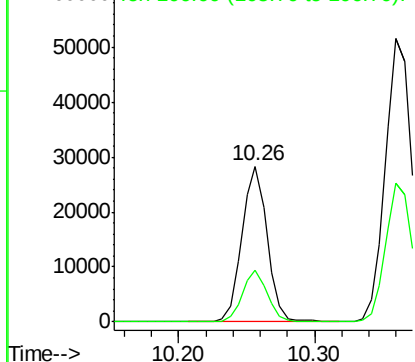


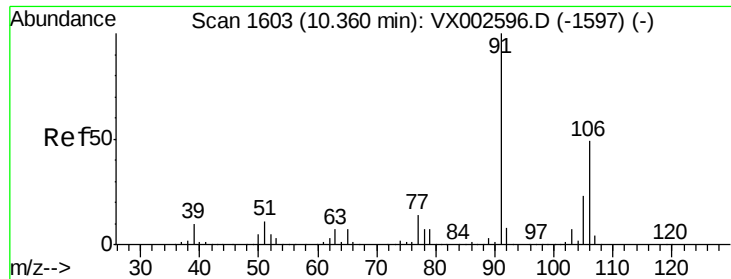
#67
Ethyl Benzene
Concen: 2.96 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002713.D
Acq: 19 Jun 2018 15:24

Tgt Ion: 91 Resp: 36671
Ion Ratio Lower Upper
91 100
106 33.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

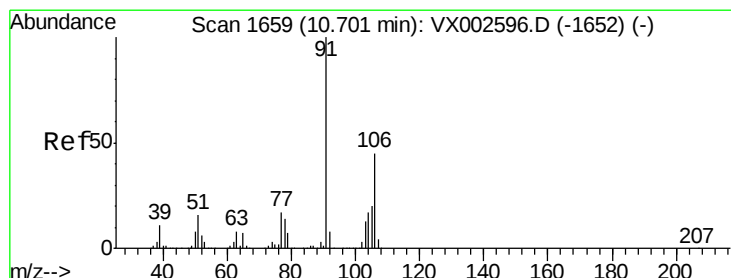
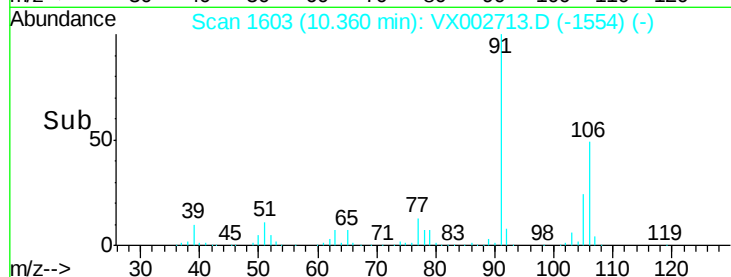
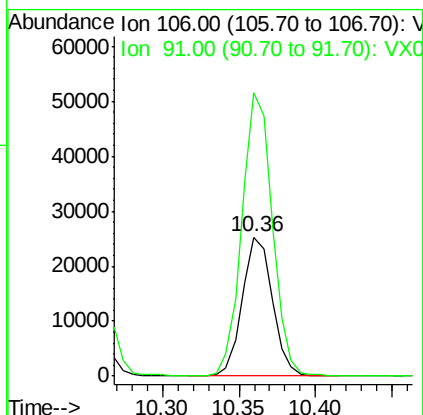
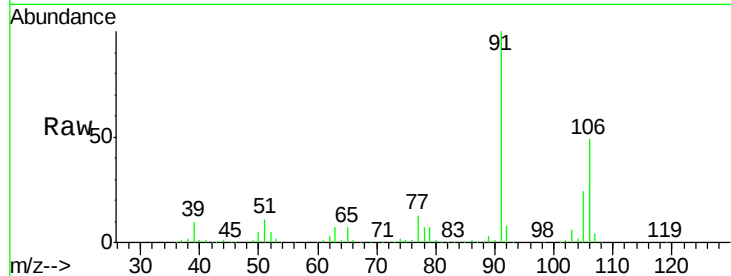




#68
m/p-Xylenes
Concen: 7.25 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002713.D
Acq: 19 Jun 2018 15:24

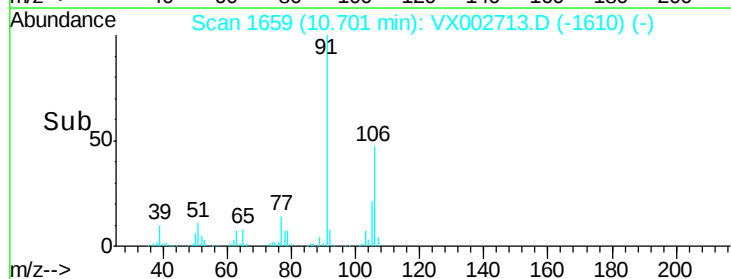
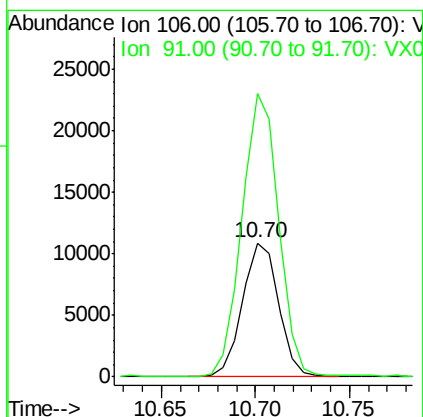
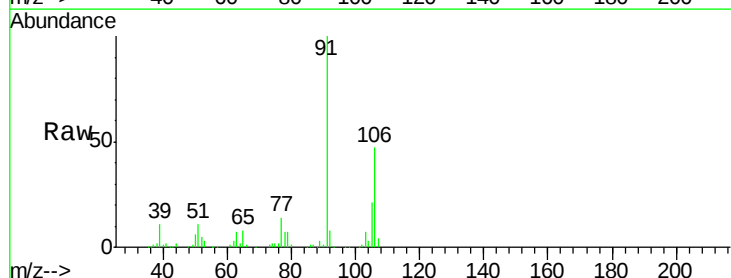
Instrument :
MSVOA_X
ClientSampleId :
KGS-SIDE-1-B

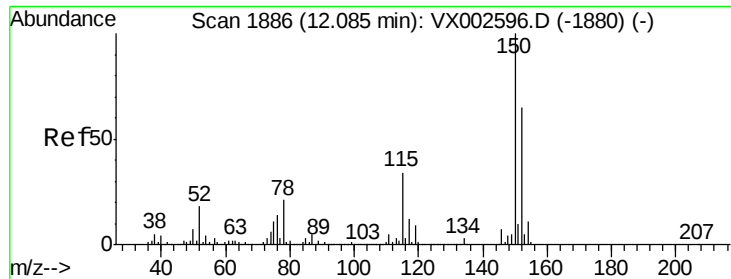
Tot Ion:106 Resp: 34598
Ion Ratio Lower Upper
106 100
91 205.6 163.4 245.2



#69
o-Xylene
Concen: 3.08 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002713.D
Acq: 19 Jun 2018 15:24

Tgt Ion:106 Resp: 14454
Ion Ratio Lower Upper
106 100
91 215.6 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002713.D

Acq: 19 Jun 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

KGS-SIDE-1-B

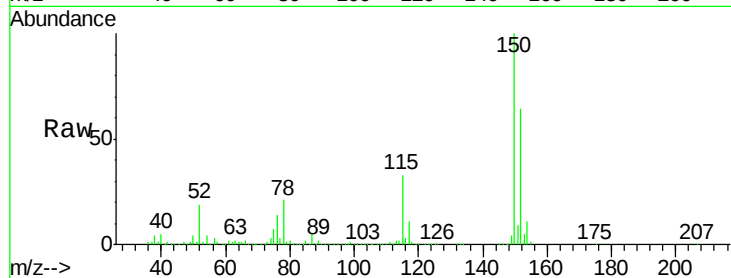
Tot Ion:152 Resp: 172148

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

150 155.7 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

