

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003427.D
 Acq On : 17 Jul 2018 15:00
 Operator : JC/MD
 Sample : J4008-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KG-FM1026

Quant Time: Jul 18 01:15:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	440078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231968	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	188849	46.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.64%	
35) Dibromofluoromethane	5.51	113	169750	47.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.34%	
50) Toluene-d8	8.72	98	652949	49.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	205756	43.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.72%	

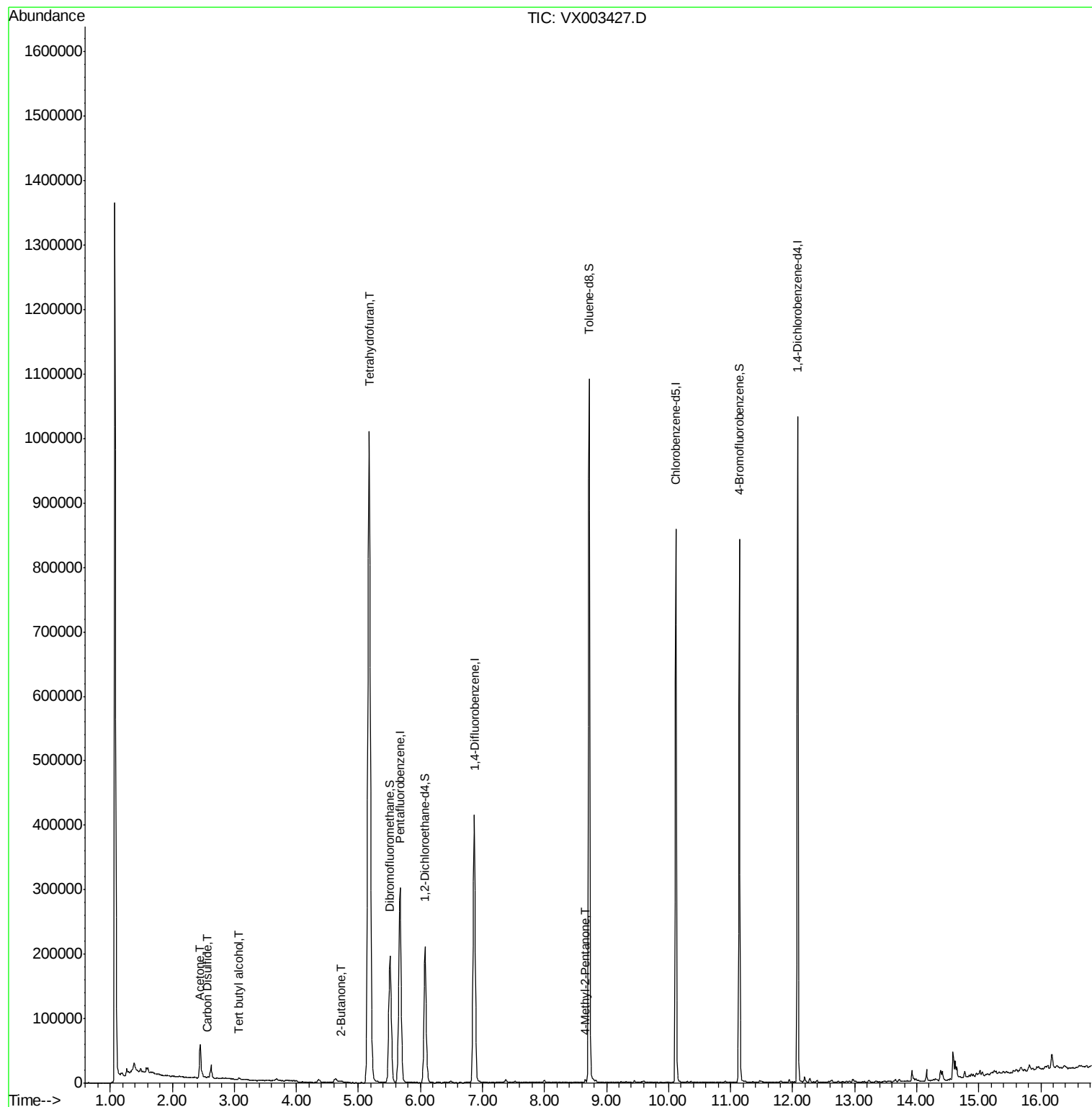
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	2892	3.15	ug/l #	93
16) Acetone	2.45	43	58065	34.24	ug/l #	89
17) Carbon Disulfide	2.57	76	3480	0.39	ug/l	100
25) 2-Butanone	4.72	43	4711	1.78	ug/l #	89
29) Tetrahydrofuran	5.17	42	925537	549.94	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	2462	0.49	ug/l #	87

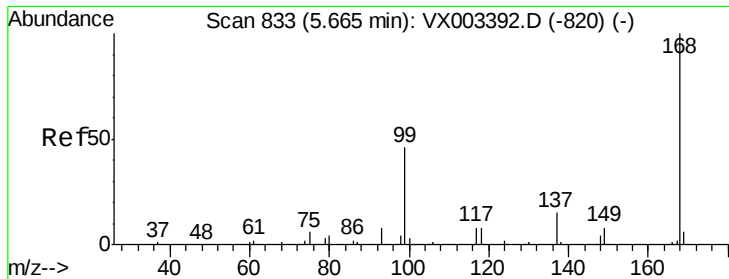
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071718\
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ClientSampleId :
KG-FM1026

Quant Time: Jul 18 01:15:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003427.D

Acq: 17 Jul 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

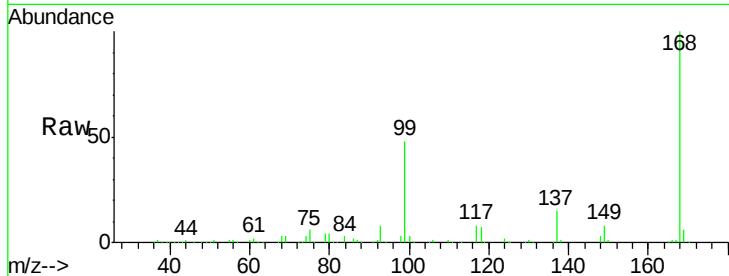
KG-FM1026

Tot Ion:168 Resp: 311302

Ion Ratio Lower Upper

168 100

99 48.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

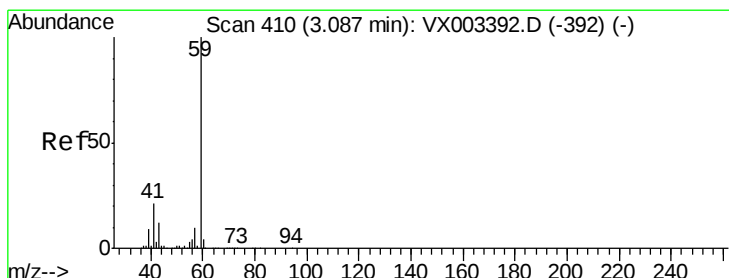
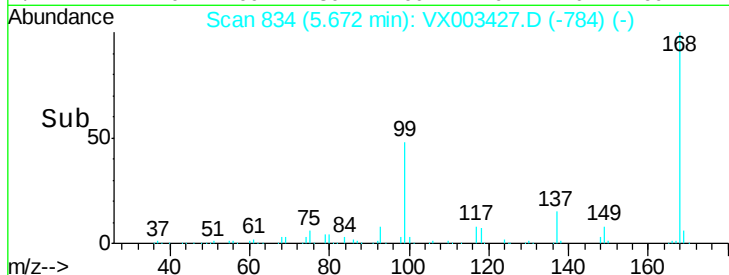
5.67

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.15 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003427.D

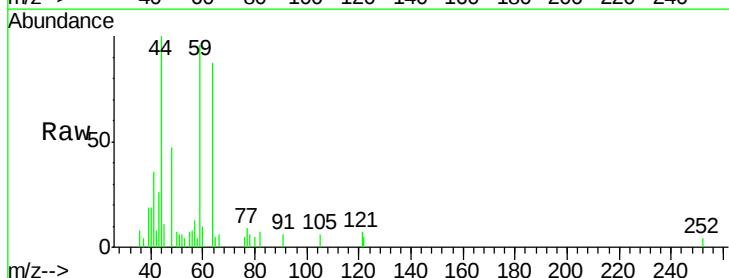
Acq: 17 Jul 2018 15:00

Tgt Ion: 59 Resp: 2892

Ion Ratio Lower Upper

59 100

57 12.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

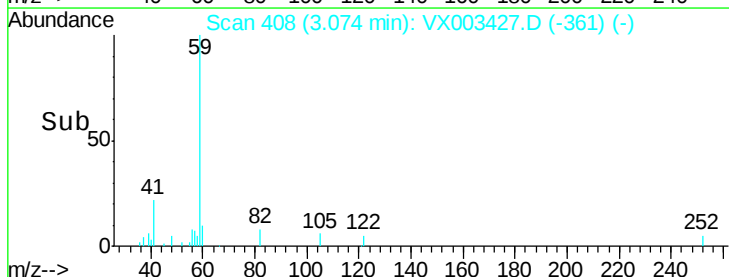
1500

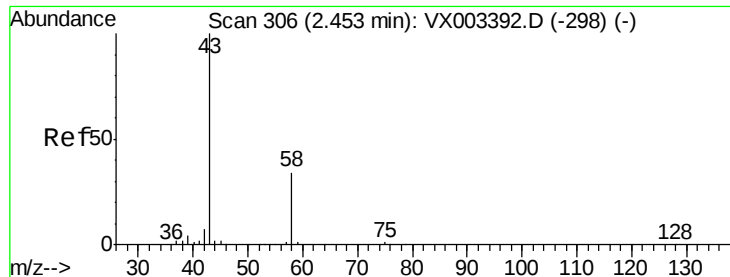
1000

500

0

Time-->





#16

Acetone

Concen: 34.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003427.D

Acq: 17 Jul 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

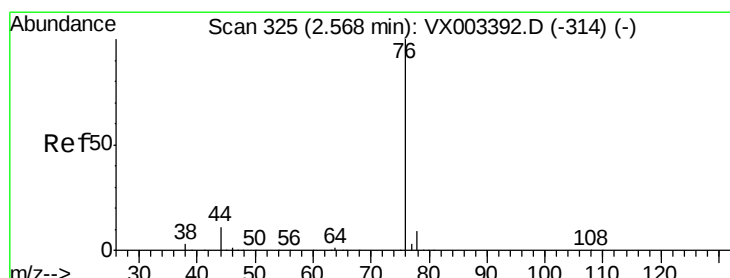
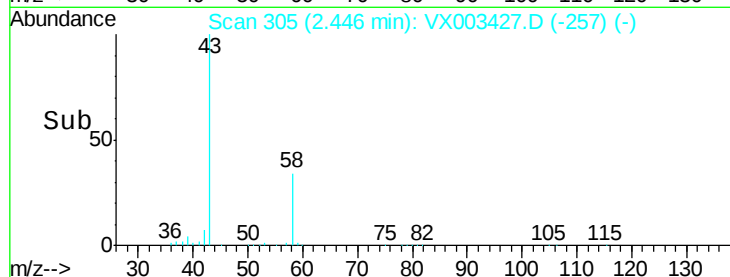
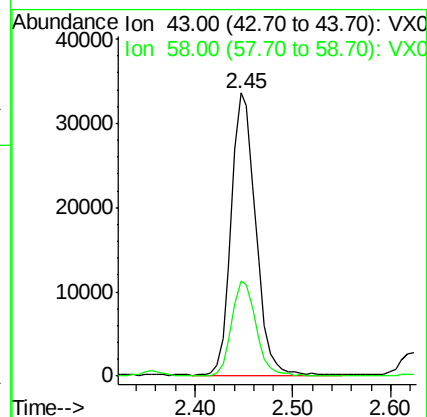
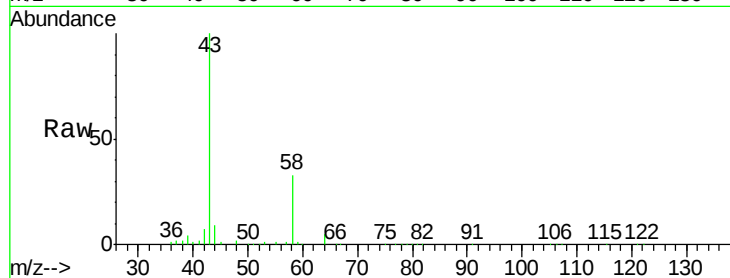
KG-FM1026

Tot Ion: 43 Resp: 58065

Ion Ratio Lower Upper

43 100

58 33.6 22.1 33.1#



#17

Carbon Disulfide

Concen: 0.39 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003427.D

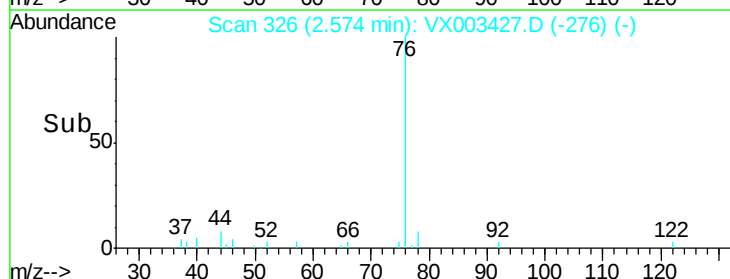
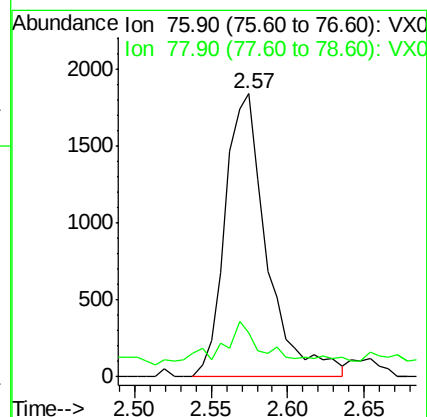
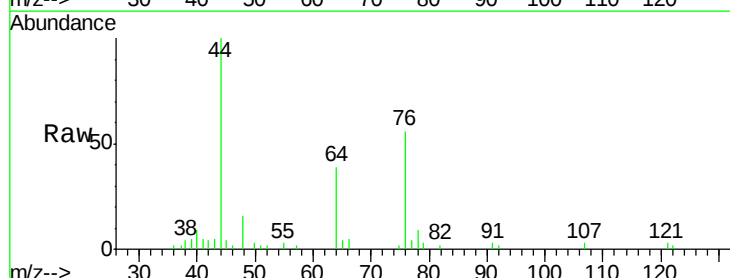
Acq: 17 Jul 2018 15:00

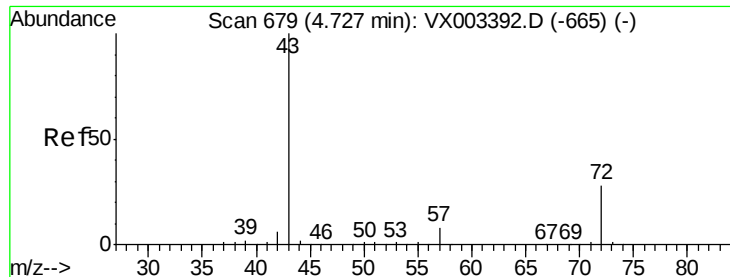
Tgt Ion: 76 Resp: 3480

Ion Ratio Lower Upper

76 100

78 8.5 6.9 10.3





#25

2-Butanone

Concen: 1.78 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX003427.D

Acq: 17 Jul 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

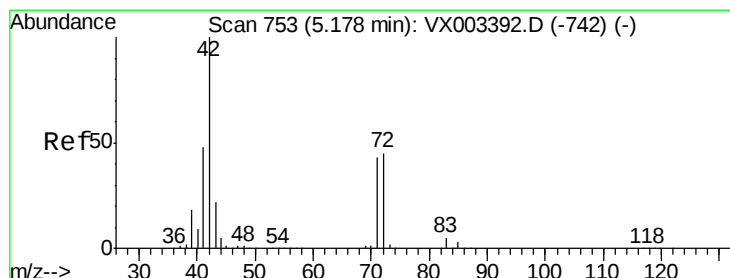
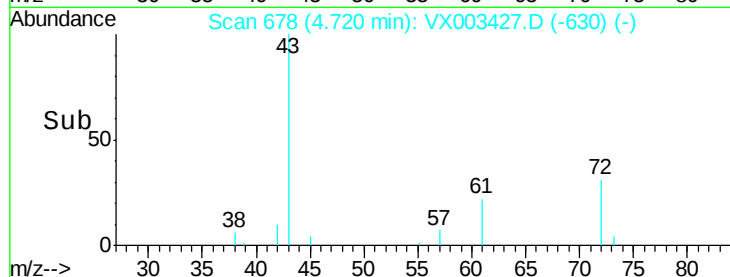
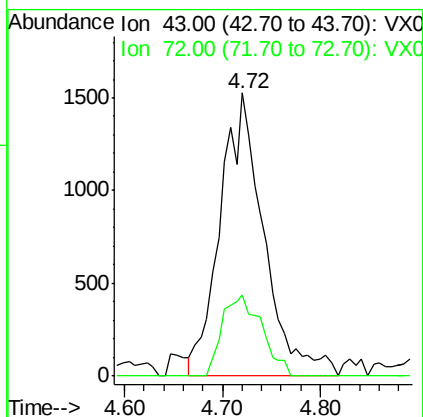
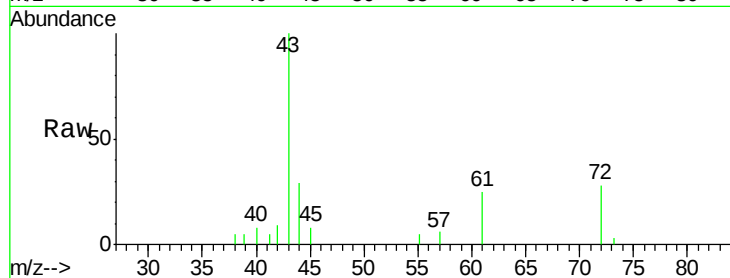
KG-FM1026

Tot Ion: 43 Resp: 4711

Ion Ratio Lower Upper

43 100

72 28.4 18.5 27.7#



#29

Tetrahydrofuran

Concen: 549.94 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX003427.D

Acq: 17 Jul 2018 15:00

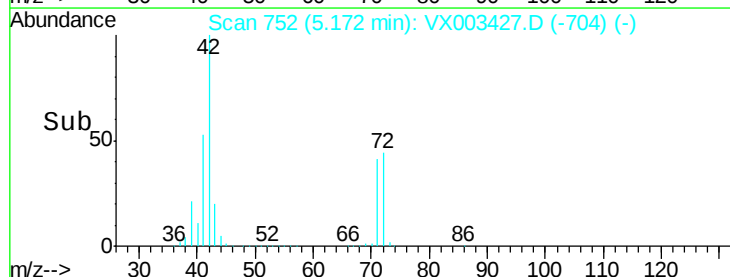
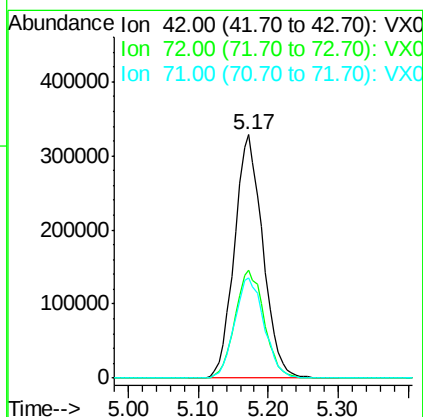
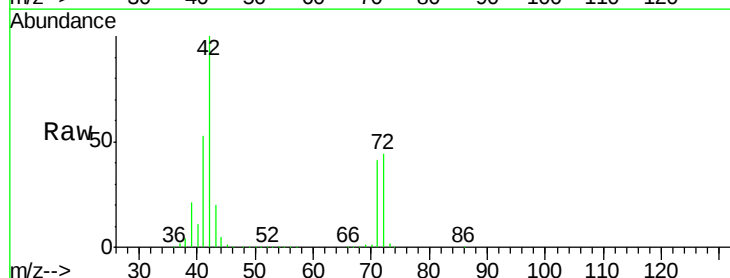
Tgt Ion: 42 Resp: 925537

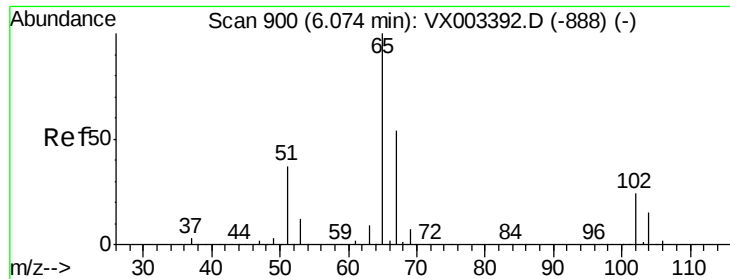
Ion Ratio Lower Upper

42 100

72 45.7 32.0 48.0

71 42.6 30.1 45.1





#33

1,2-Dichloroethane-d4

Concen: 46.32 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003427.D

Acq: 17 Jul 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

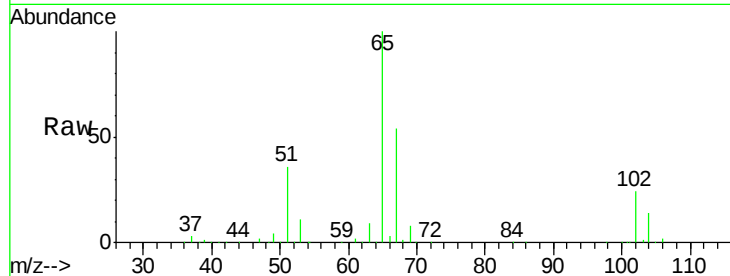
KG-FM1026

Tot Ion: 65 Resp: 188849

Ion Ratio Lower Upper

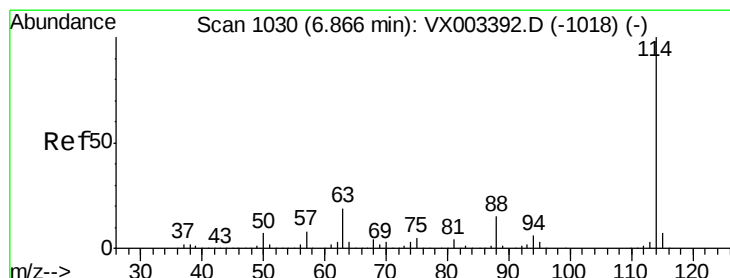
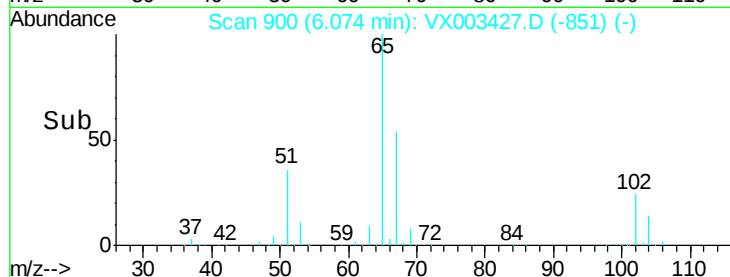
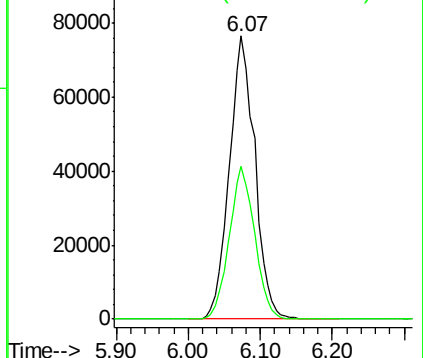
65 100

67 53.9 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: VX003427.D

Acq: 17 Jul 2018 15:00

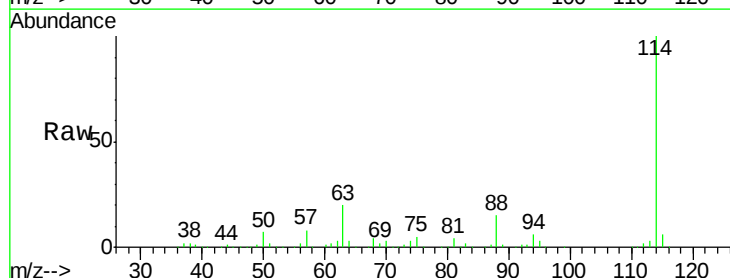
Tgt Ion: 114 Resp: 440078

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

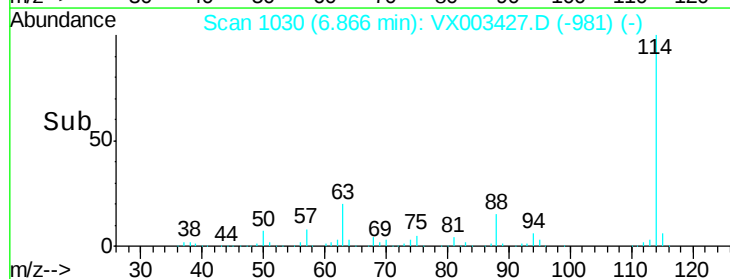
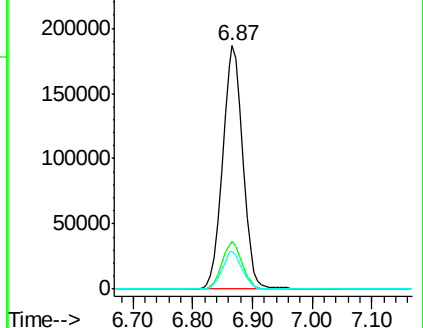
88 15.2 0.0 30.0

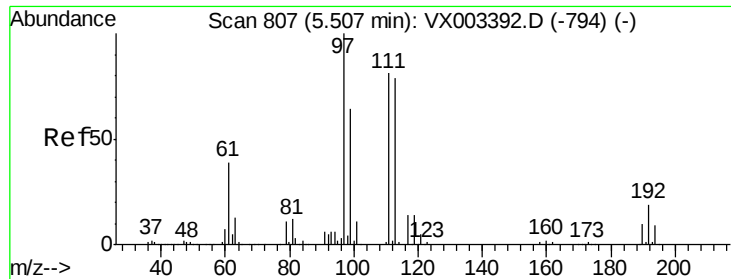


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

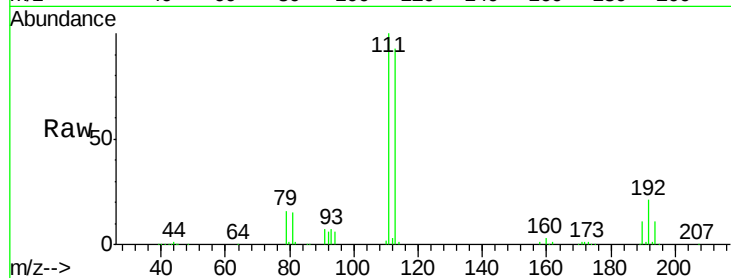




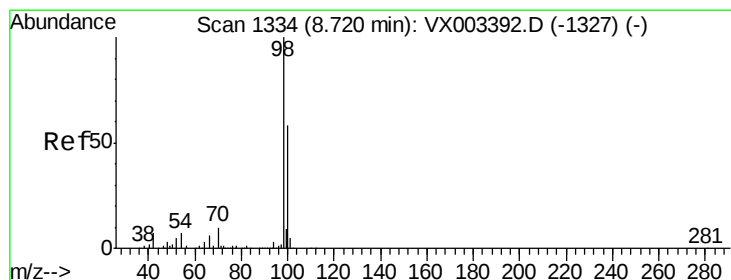
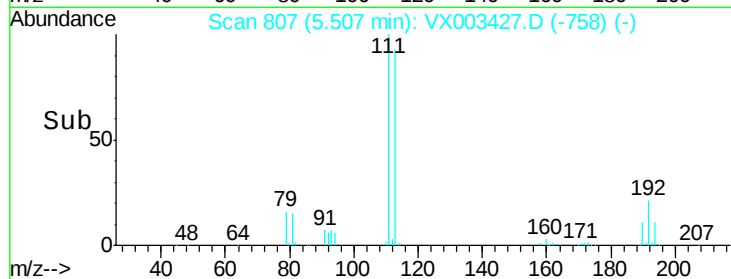
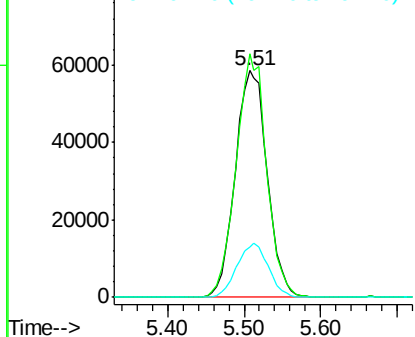
#35
Dibromofluoromethane
Concen: 47.67 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003427.D
Acq: 17 Jul 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
KG-FM1026

Tot Ion:113 Resp: 169750
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.6 19.1 28.7

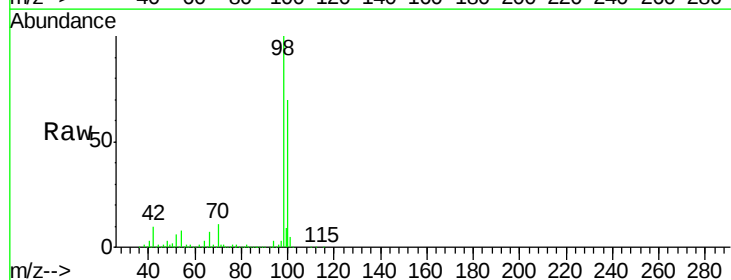


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

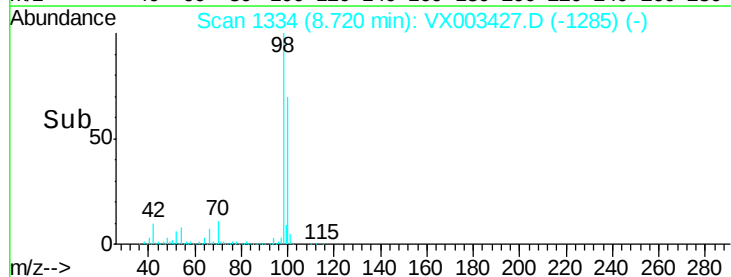
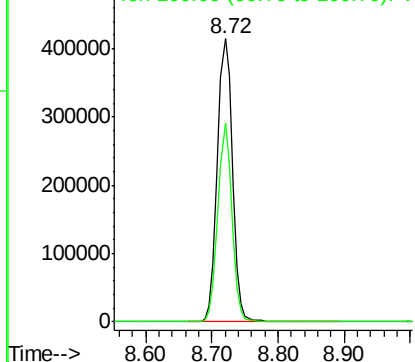


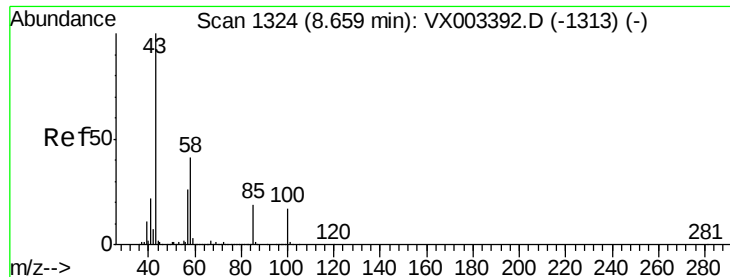
#50
Toluene-d8
Concen: 49.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003427.D
Acq: 17 Jul 2018 15:00

Tgt Ion: 98 Resp: 652949
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.49 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003427.D

Acq: 17 Jul 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

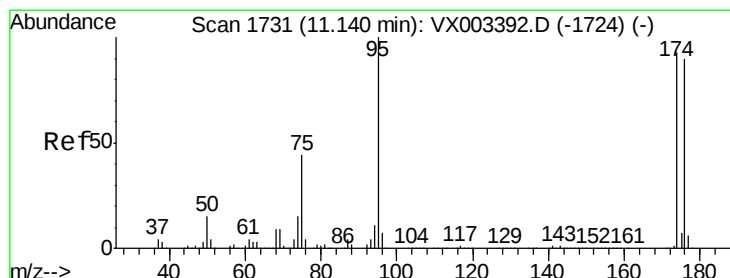
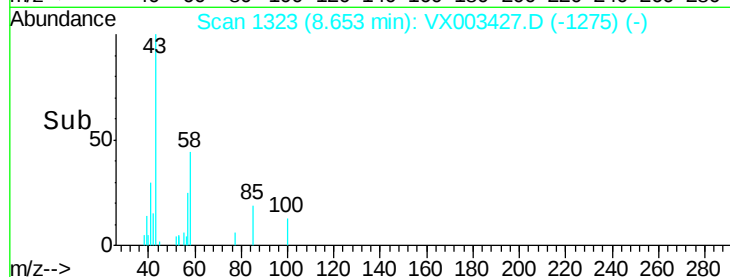
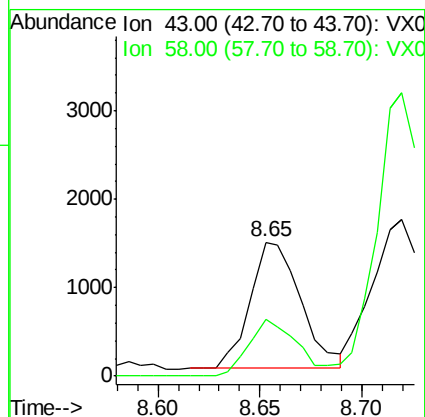
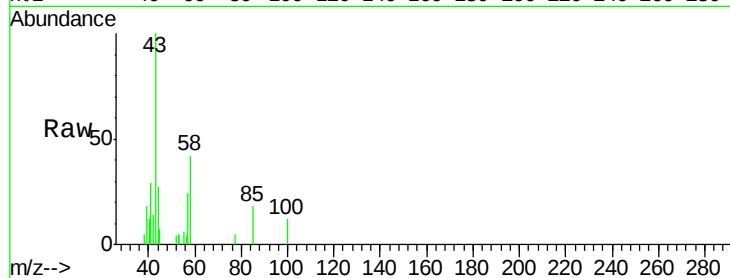
KG-FM1026

Tot Ion: 43 Resp: 2462

Ion Ratio Lower Upper

43 100

58 43.5 28.6 42.8#



#62

4-Bromofluorobenzene

Concen: 43.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003427.D

Acq: 17 Jul 2018 15:00

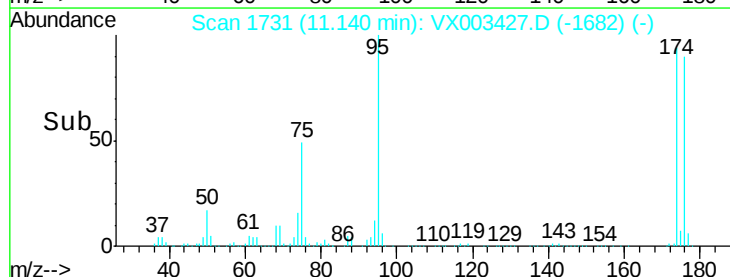
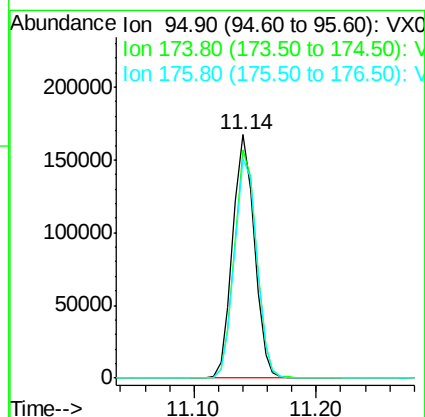
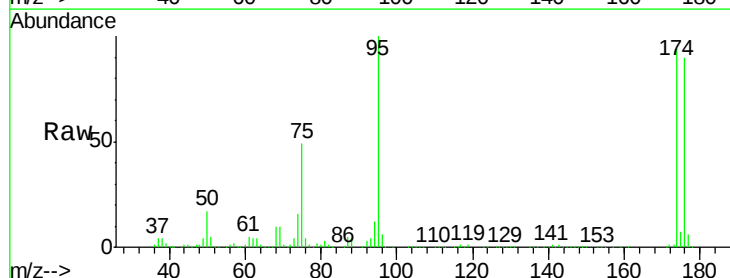
Tgt Ion: 95 Resp: 205756

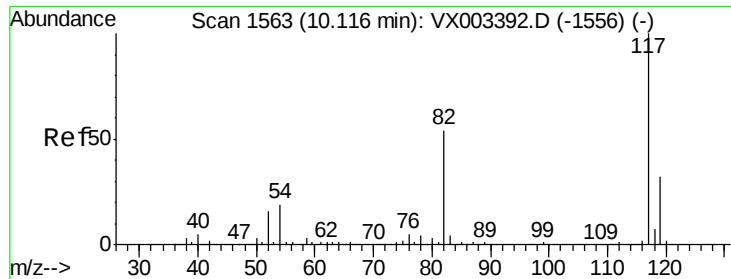
Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

176 92.7 0.0 181.0

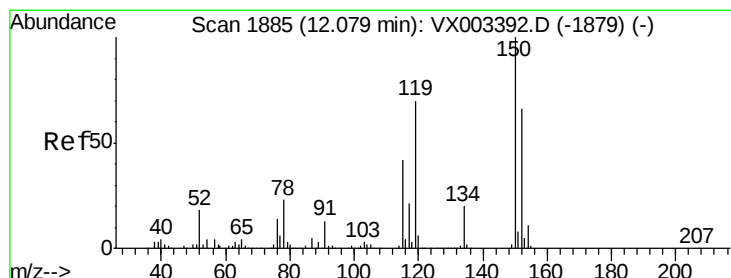
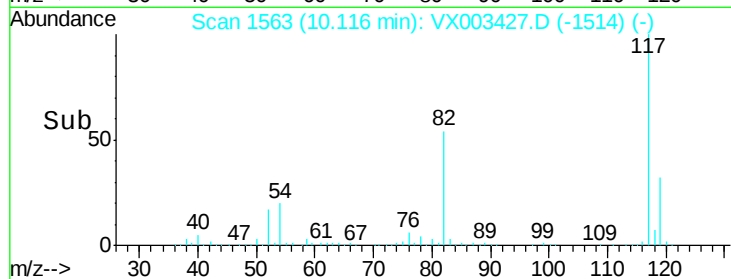
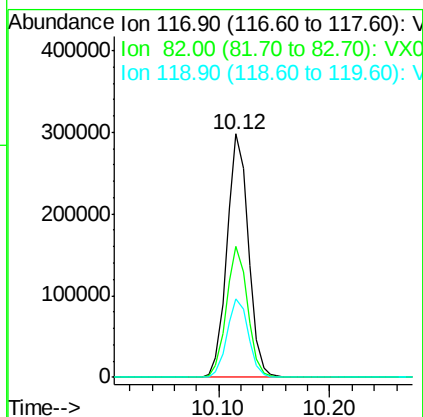
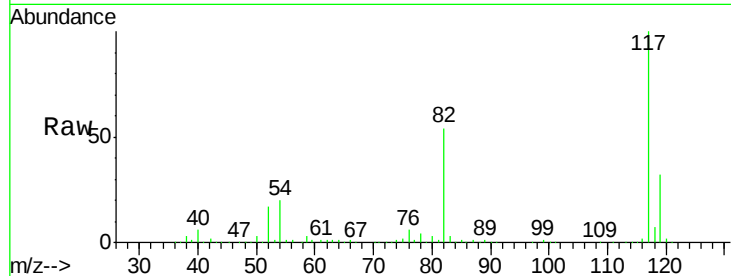




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003427.D
Acq: 17 Jul 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
KG-FM1026

Tot Ion:117 Resp: 396451
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003427.D
Acq: 17 Jul 2018 15:00

Tgt Ion:152 Resp: 231968
Ion Ratio Lower Upper
152 100
115 54.3 40.1 120.2
150 156.6 0.0 347.2

