

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002751.D
 Acq On : 20 Jun 2018 19:27
 Operator : JC/MD
 Sample : J3597-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-21

Quant Time: Jun 21 05:33:53 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	210638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	297910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157964	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	141137	44.09	ug/l	0.00
Spiked Amount			Recovery	=	88.18%	
35) Dibromofluoromethane	5.51	113	115315	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	8.72	98	417108	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.14	95	148385	43.38	ug/l	0.00
Spiked Amount			Recovery	=	86.76%	

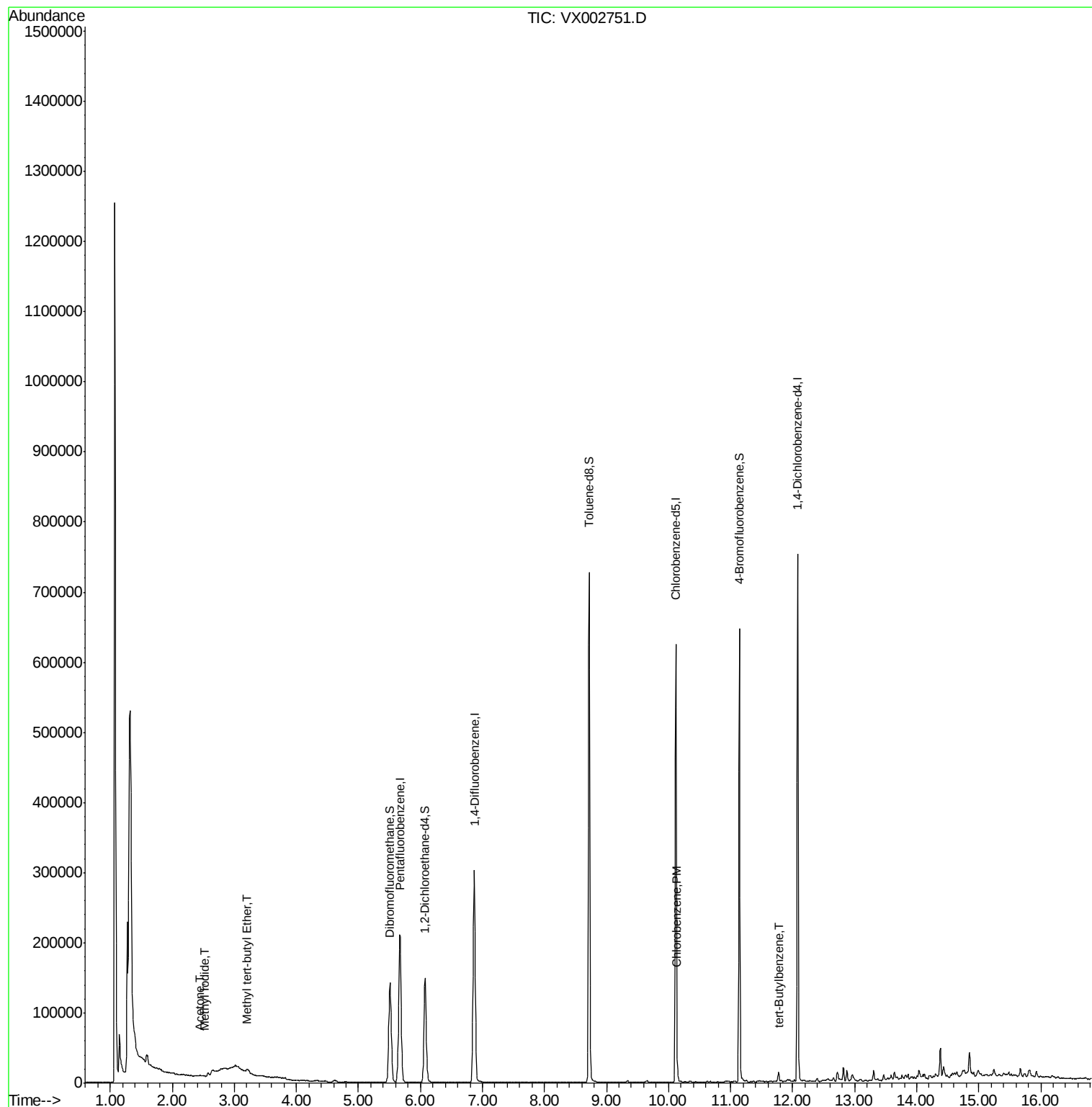
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	1528	5.59	ug/l	95
16) Acetone	2.45	43	1288	0.91	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	4765	0.54	ug/l	93
65) Chlorobenzene	10.14	112	4909	0.73	ug/l	95
83) tert-Butylbenzene	11.77	119	4353	0.51	ug/l	89

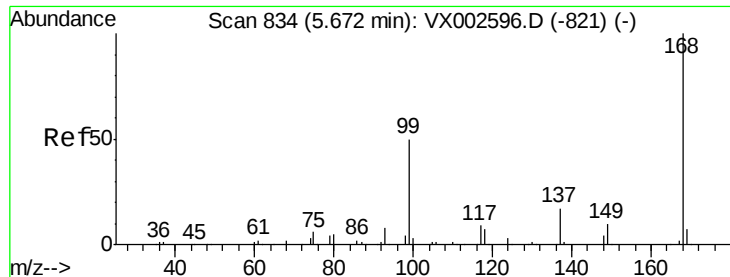
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
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: VX002751.D

Acq: 20 Jun 2018 19:27

Instrument :

MSVOA_X

ClientSampled :

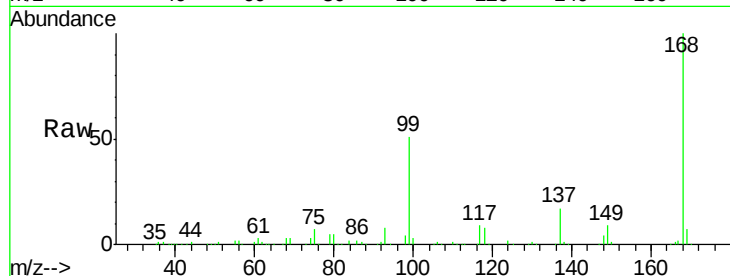
W-21

Tot Ion:168 Resp: 210638

Ion Ratio Lower Upper

168 100

99 51.0 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

80000

60000

40000

20000

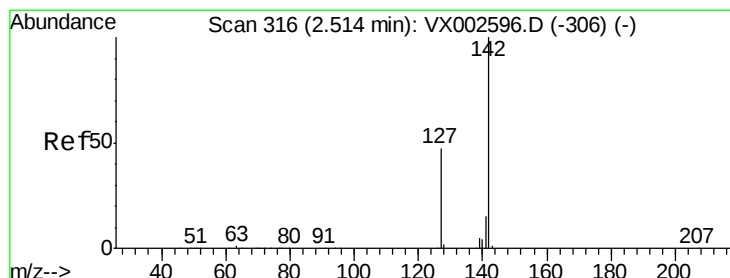
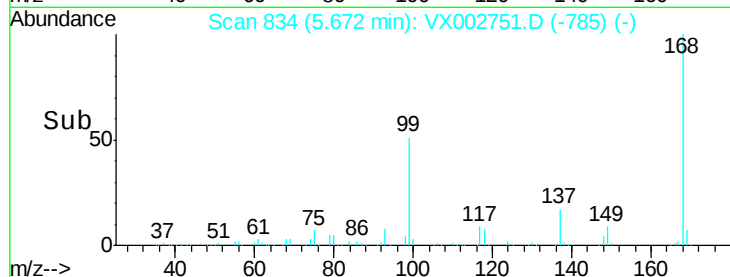
0

Time-->

5.60

5.70

5.80



#10

Methyl Iodide

Concen: 5.59 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002751.D

Acq: 20 Jun 2018 19:27

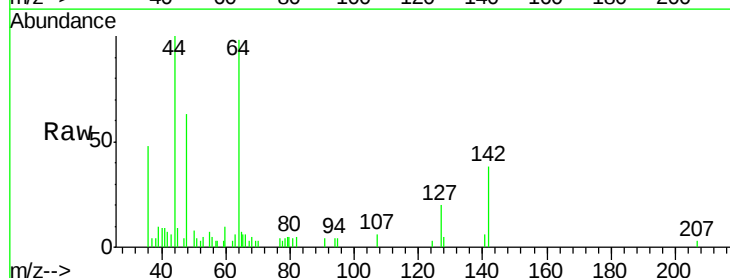
Tgt Ion:142 Resp: 1528

Ion Ratio Lower Upper

142 100

127 49.0 36.6 55.0

141 16.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

1000

800

600

400

200

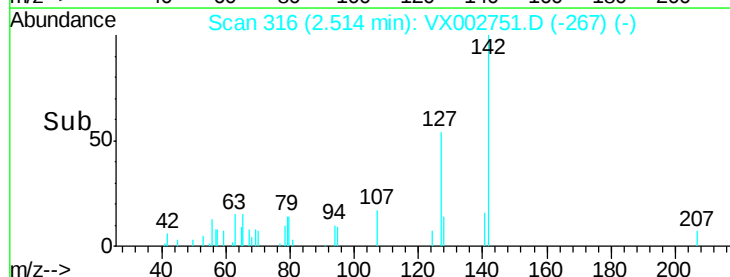
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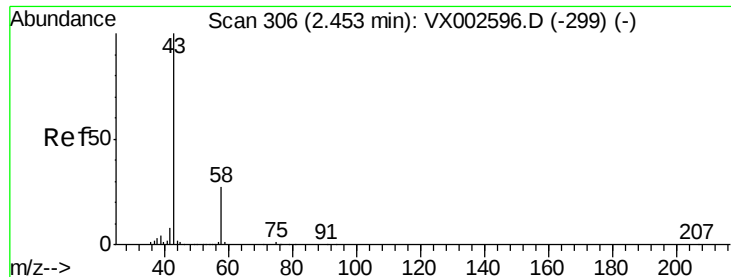
Time-->

2.45

2.50

2.55





#16

Acetone

Concen: 0.91 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002751.D

Acq: 20 Jun 2018 19:27

Instrument :

MSVOA_X

ClientSampled :

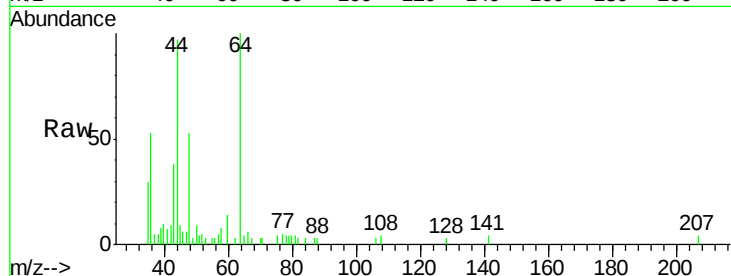
W-21

Tot Ion: 43 Resp: 1288

Ion Ratio Lower Upper

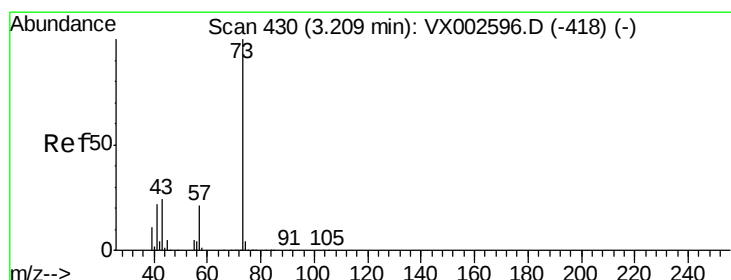
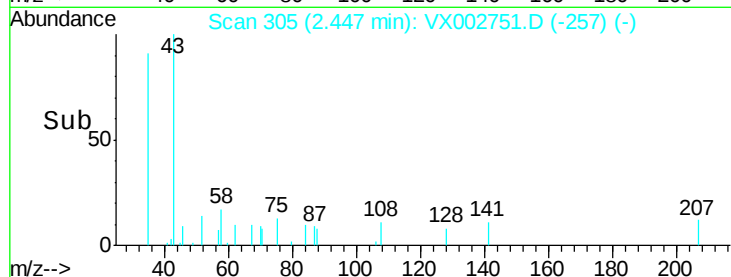
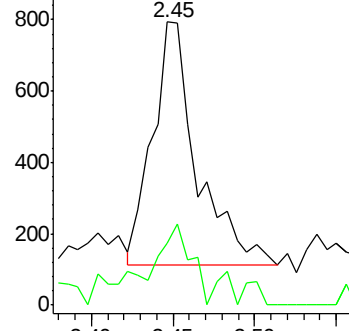
43 100

58 25.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.54 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002751.D

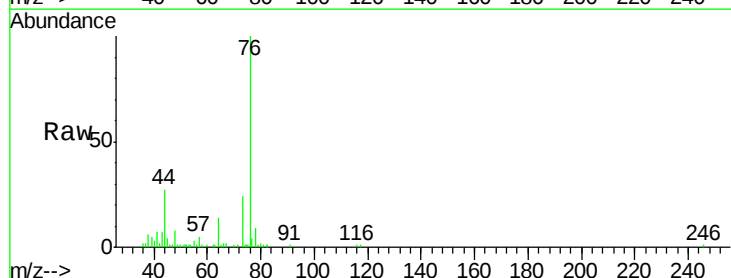
Acq: 20 Jun 2018 19:27

Tgt Ion: 73 Resp: 4765

Ion Ratio Lower Upper

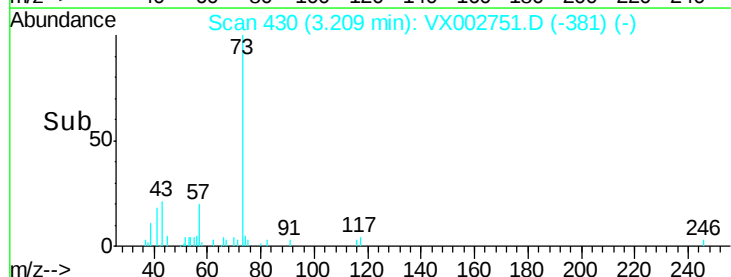
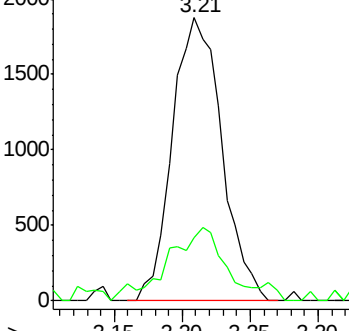
73 100

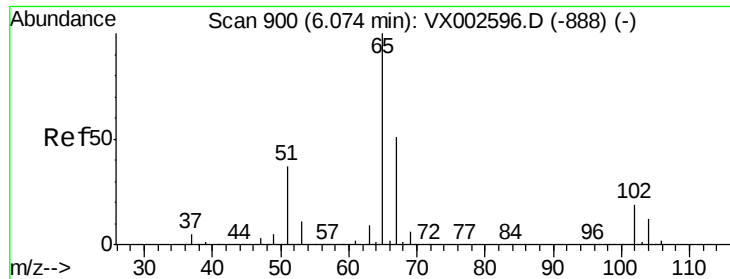
57 18.7 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

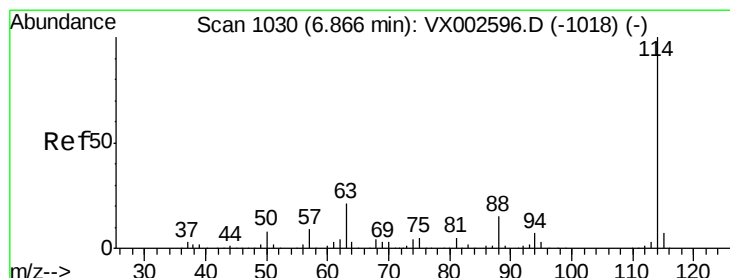
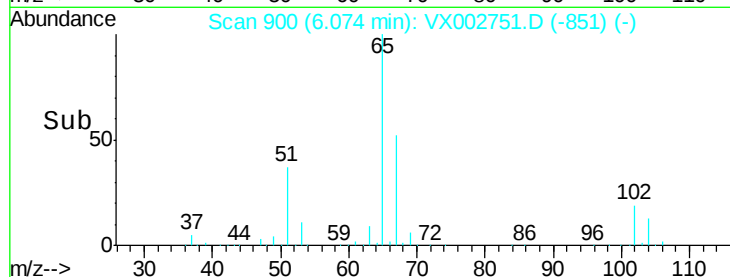
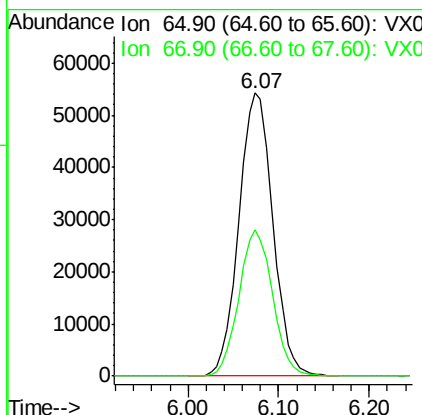
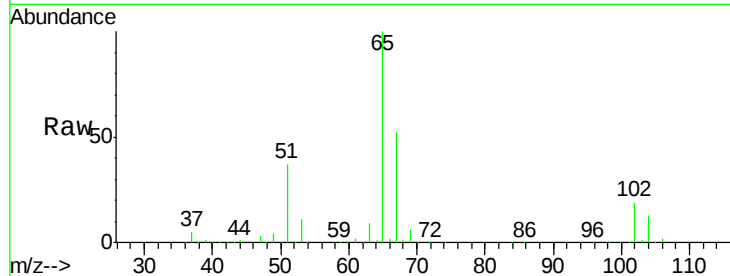




#33
 1,2-Dichloroethane-d4
 Concen: 44.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002751.D
 Acq: 20 Jun 2018 19:27

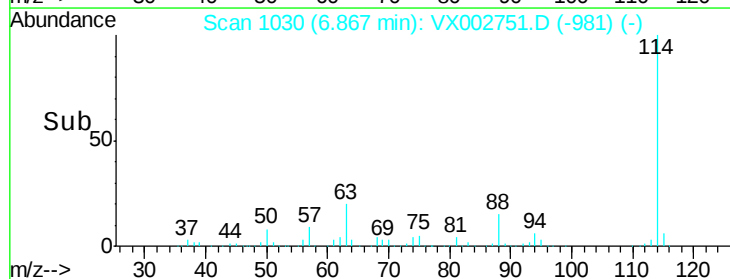
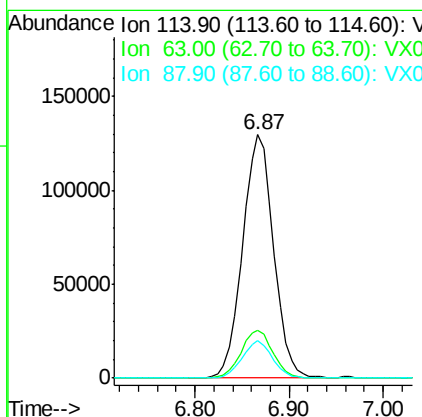
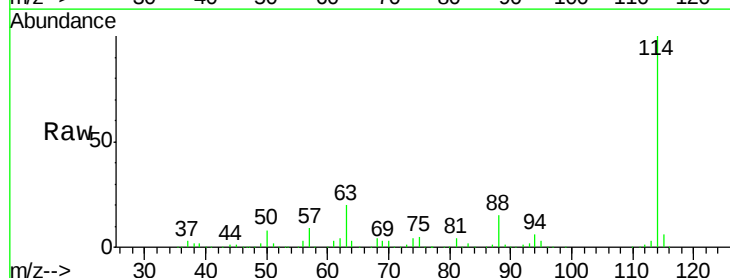
Instrument :
 MSVOA_X
 ClientSampleId :
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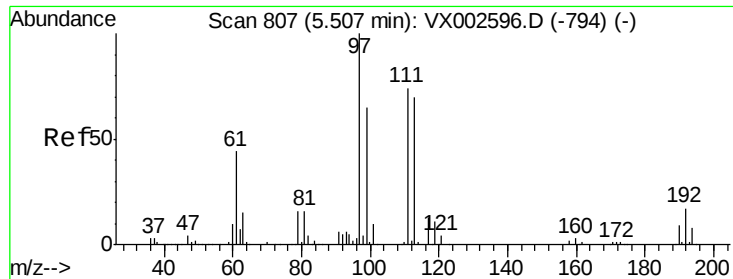
Tot Ion: 65 Resp: 141137
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002751.D
 Acq: 20 Jun 2018 19:27

Tgt Ion: 114 Resp: 297910
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.5 0.0 30.0

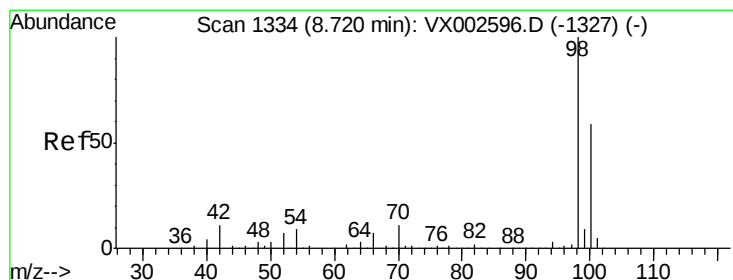
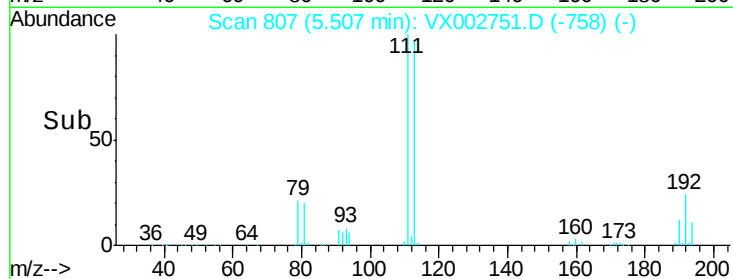
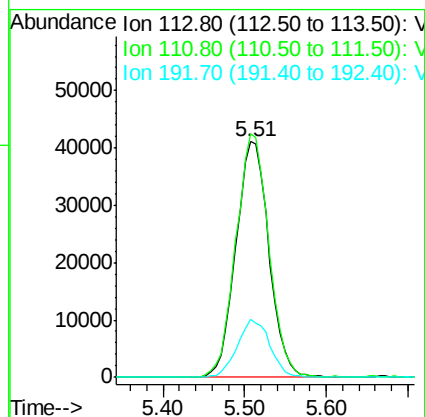
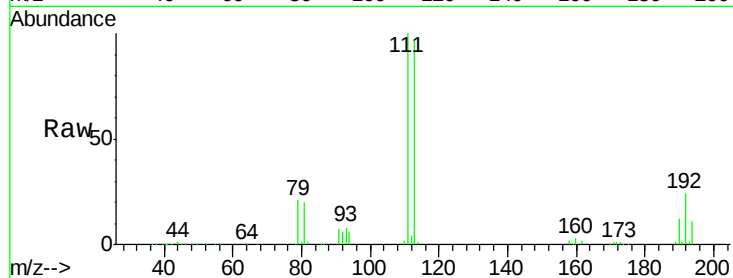




#35
 Dibromofluoromethane
 Concen: 48.50 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002751.D
 Acq: 20 Jun 2018 19:27

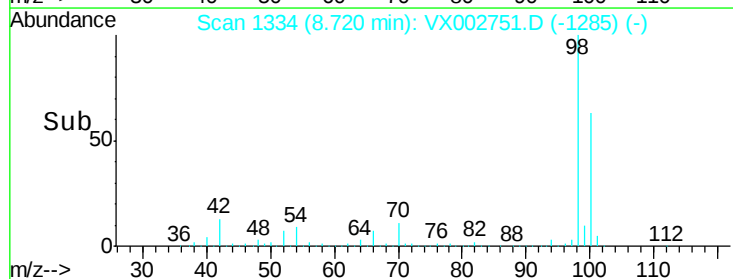
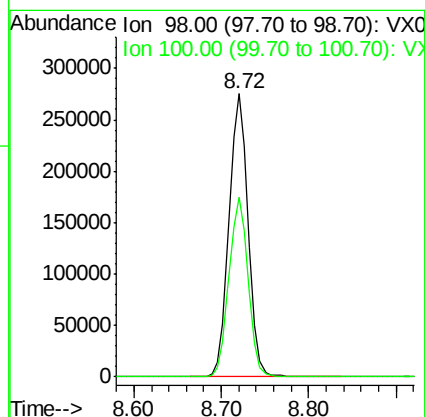
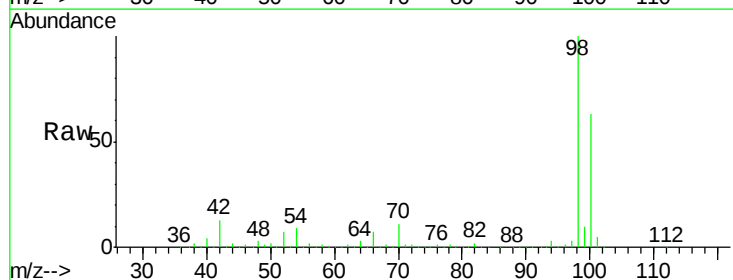
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 MSVOA_X
 ClientSampled :
 W-21

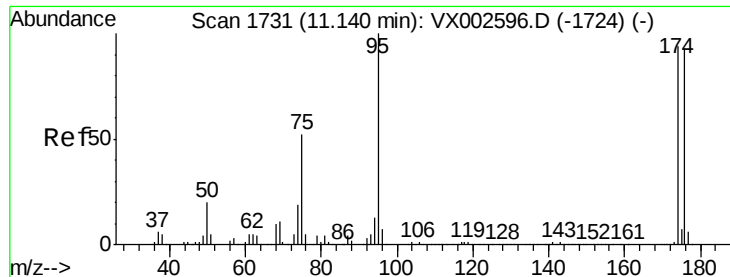
Tot Ion:113 Resp: 115315
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 24.4 19.1 28.7



#50
 Toluene-d8
 Concen: 46.20 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002751.D
 Acq: 20 Jun 2018 19:27

Tgt Ion: 98 Resp: 417108
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3

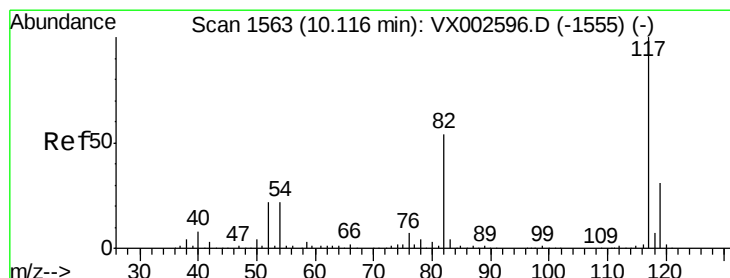
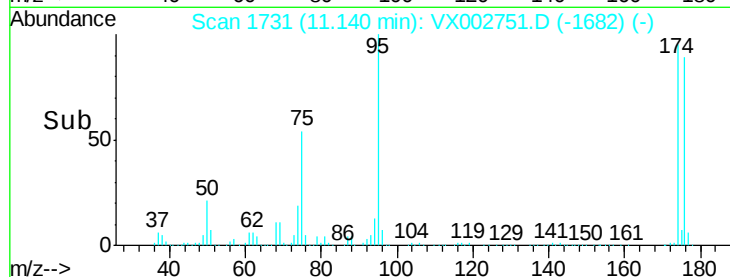
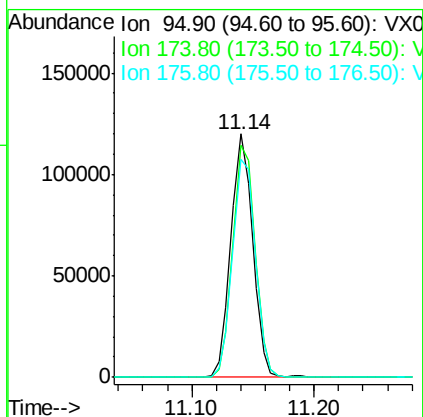
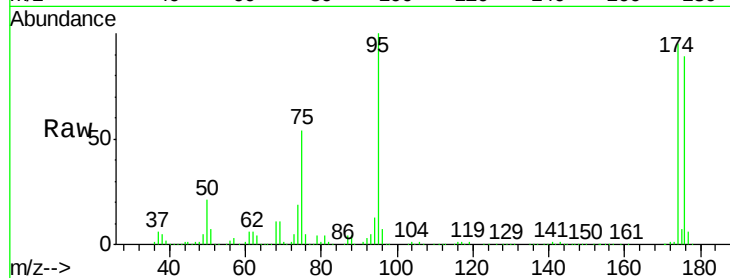




#62
4-Bromofluorobenzene
Concen: 43.38 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002751.D
Acq: 20 Jun 2018 19:27

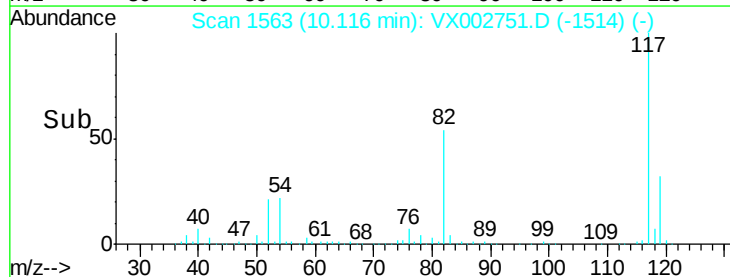
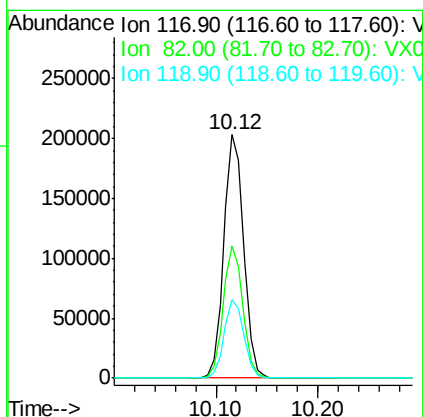
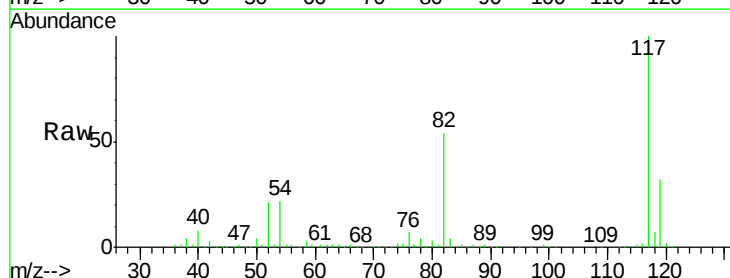
Instrument :
MSVOA_X
ClientSampleId :
W-21

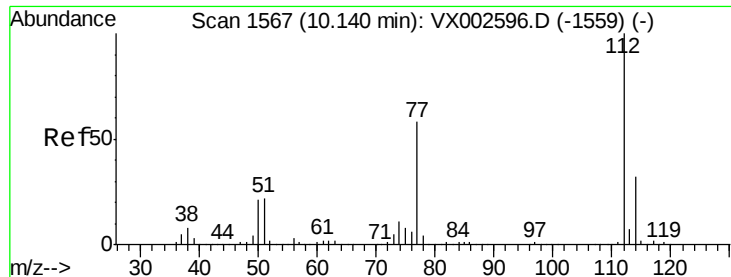
Tot Ion: 95 Resp: 148385
Ion Ratio Lower Upper
95 100
174 98.0 0.0 187.4
176 93.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002751.D
Acq: 20 Jun 2018 19:27

Tgt Ion: 117 Resp: 274704
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.2 25.8 38.6

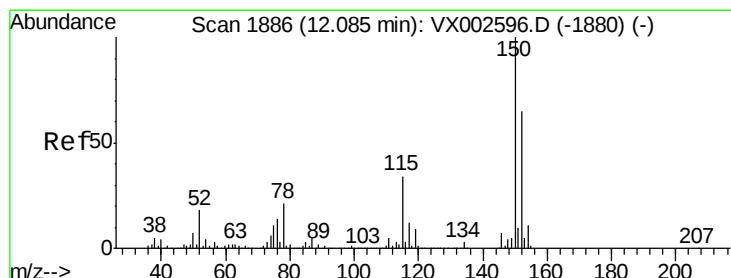
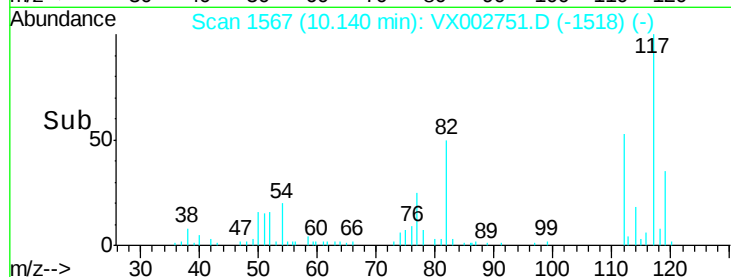
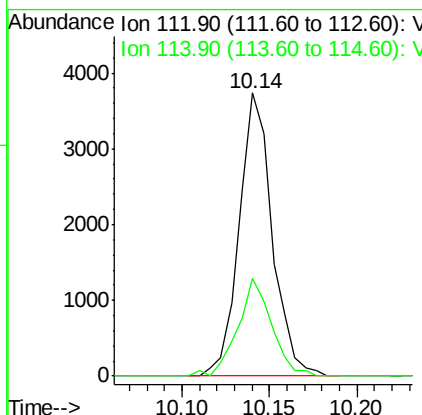
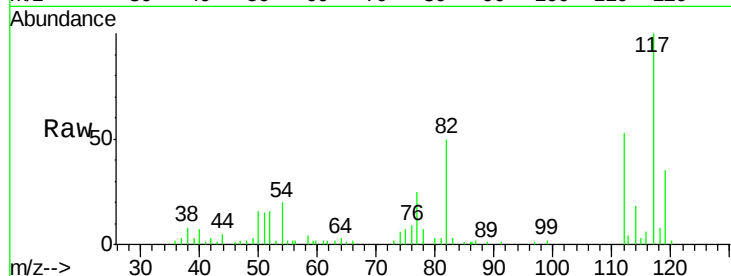




#65
Chlorobenzene
Concen: 0.73 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002751.D
Acq: 20 Jun 2018 19:27

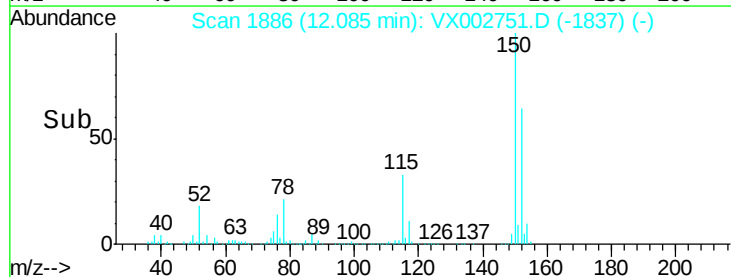
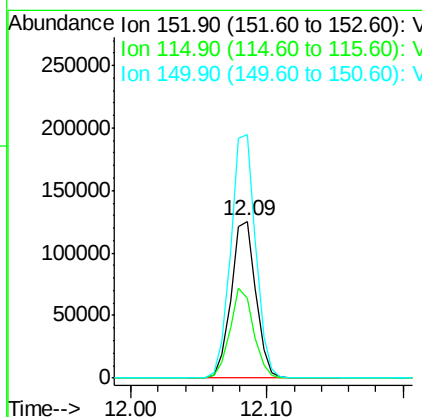
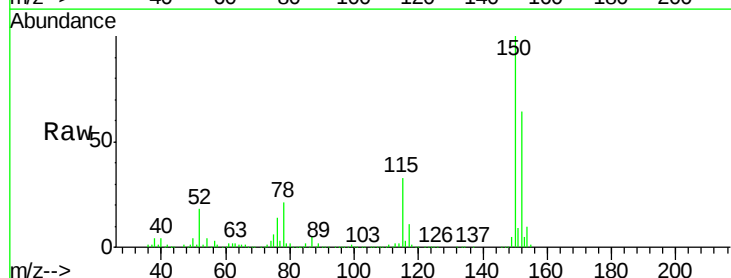
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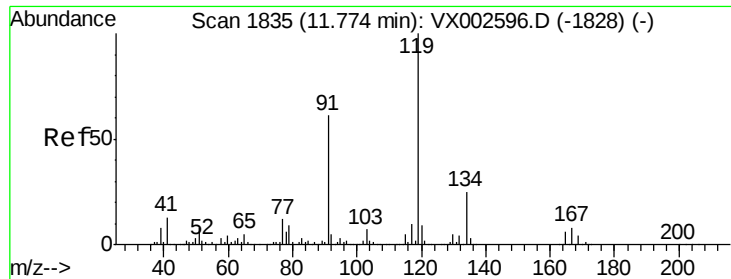
Tot Ion:112 Resp: 4909
Ion Ratio Lower Upper
112 100
114 34.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002751.D
Acq: 20 Jun 2018 19:27

Tgt Ion:152 Resp: 157964
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 156.8 0.0 347.2

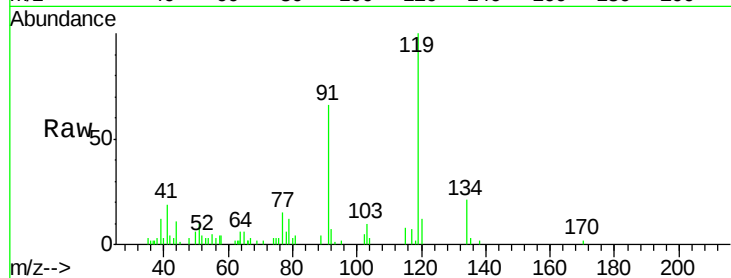




#83
 tert-Butylbenzene
 Concen: 0.51 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002751.D
 Acq: 20 Jun 2018 19:27

Instrument :
 MSVOA_X
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
119	100		
91	71.1	30.3	90.9
134	25.0	11.7	35.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

