

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002551.D
 Acq On : 14 Jun 2018 15:00
 Operator : JC/MD
 Sample : J3404-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607

Quant Time: Jun 15 01:56:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207524	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	191134	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
35) Dibromofluoromethane	5.51	113	146226	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	8.72	98	572199	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.14	95	212251	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

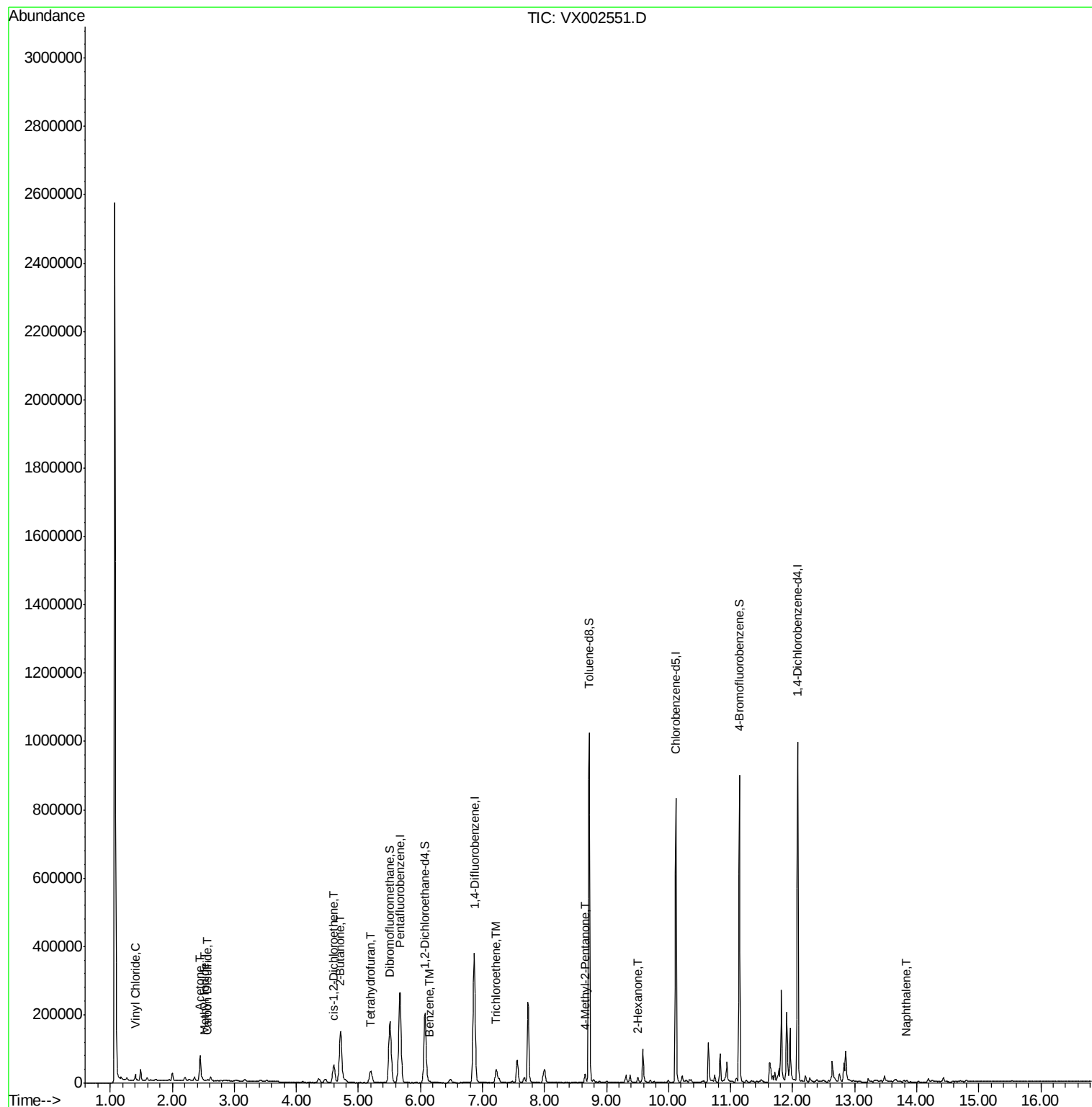
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	9925	2.874	ug/l	99
10) Methyl Iodide	2.53	142	2014	0.504	ug/l #	91
16) Acetone	2.45	43	79261	32.197	ug/l	100
17) Carbon Disulfide	2.57	76	3314	0.448	ug/l #	83
25) 2-Butanone	4.71	43	279437	108.131	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	31482	9.356	ug/l	87
29) Tetrahydrofuran	5.19	42	3363	2.018	ug/l #	70
40) Benzene	6.15	78	2681	0.221	ug/l #	77
44) Trichloroethene	7.22	130	13946	4.135	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	14518	2.880	ug/l	97
59) 2-Hexanone	9.51	43	8903	2.287	ug/l	96
95) Naphthalene	13.84	128	3063	0.203	ug/l #	96

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

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

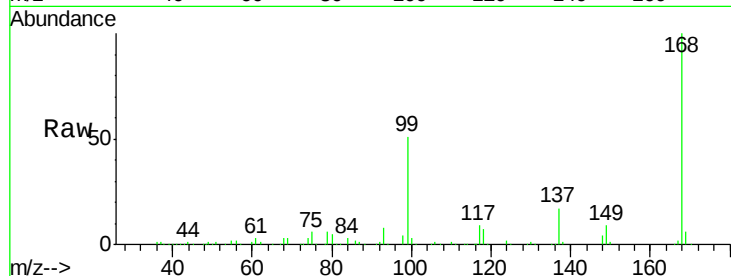
SS050MW513-180607

Tot Ion:168 Resp: 263564

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

5.67

100000

80000

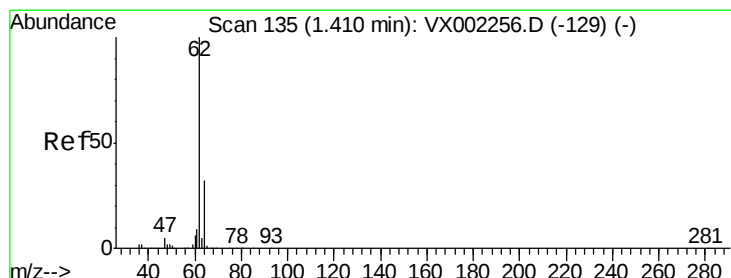
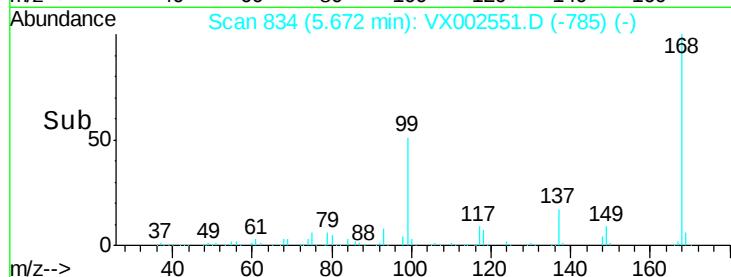
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.874 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002551.D

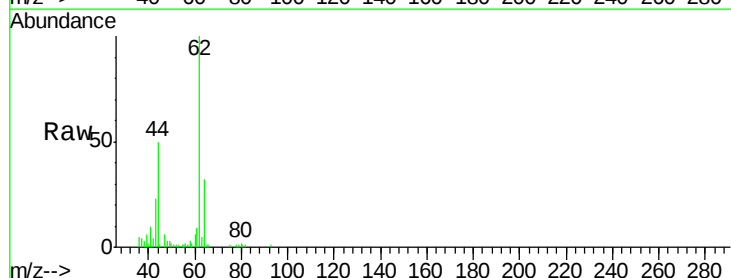
Acq: 14 Jun 2018 15:00

Tgt Ion: 62 Resp: 9925

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

10000

8000

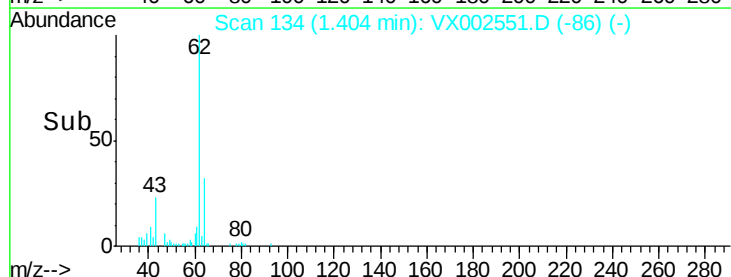
6000

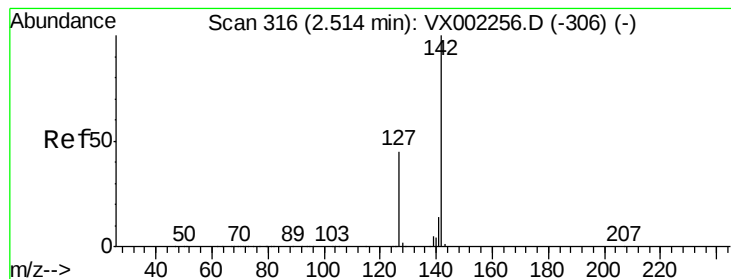
4000

2000

0

Time--> 1.35 1.40 1.45





#10

Methvl Iodide

Concen: 0.504 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607

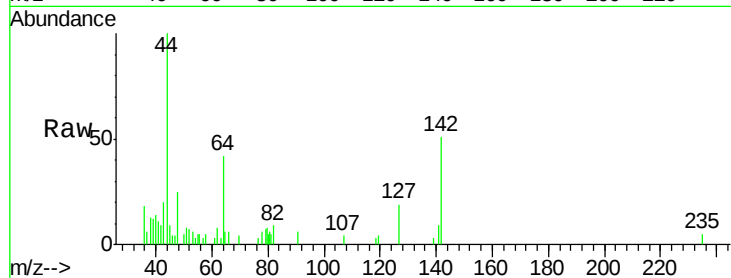
Tot Ion:142 Resp: 2014

Ion Ratio Lower Upper

142 100

127 50.4 36.6 55.0

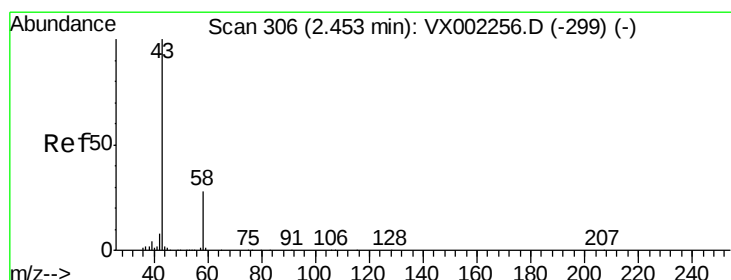
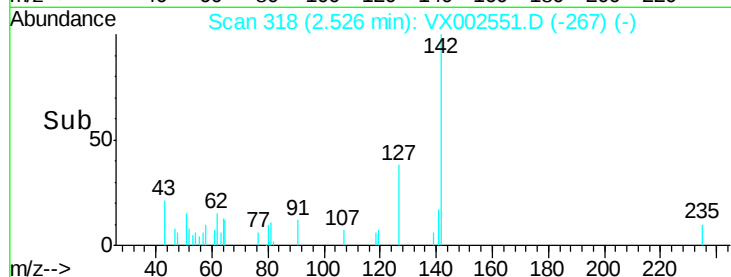
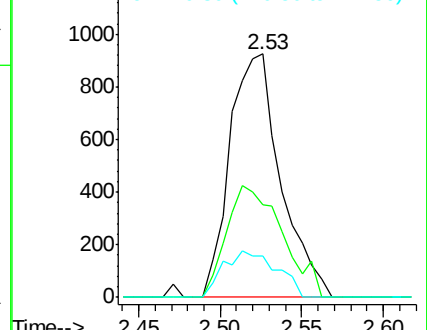
141 20.0 11.3 16.9#



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



#16

Acetone

Concen: 32.197 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002551.D

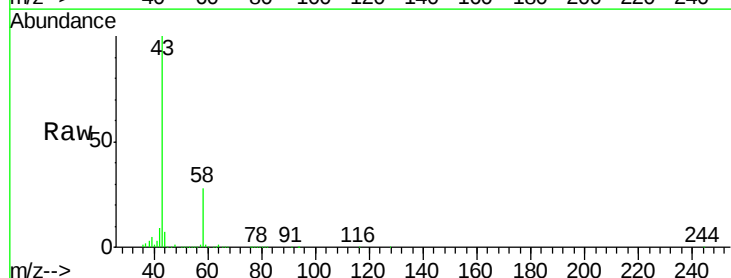
Acq: 14 Jun 2018 15:00

Tgt Ion: 43 Resp: 79261

Ion Ratio Lower Upper

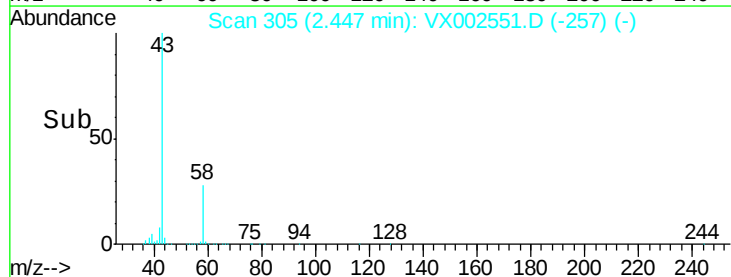
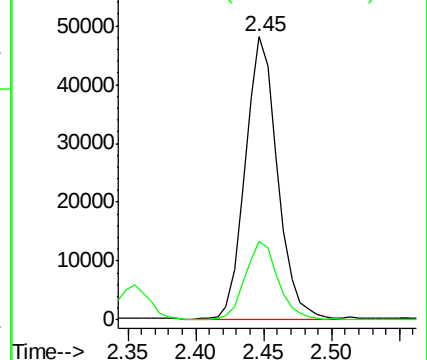
43 100

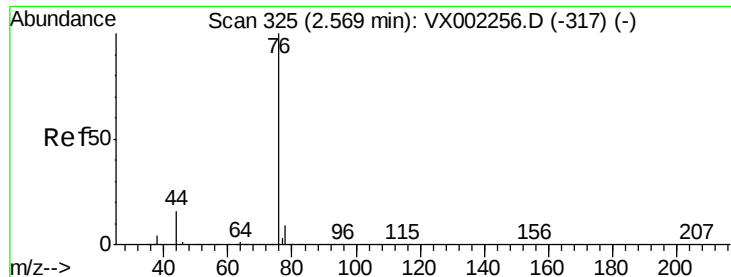
58 27.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.448 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

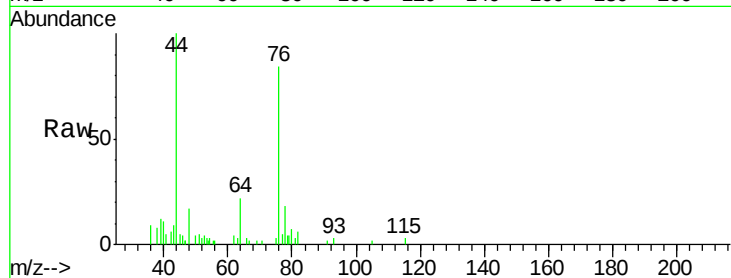
SS050MW513-180607

Tot Ion: 76 Resp: 3314

Ion Ratio Lower Upper

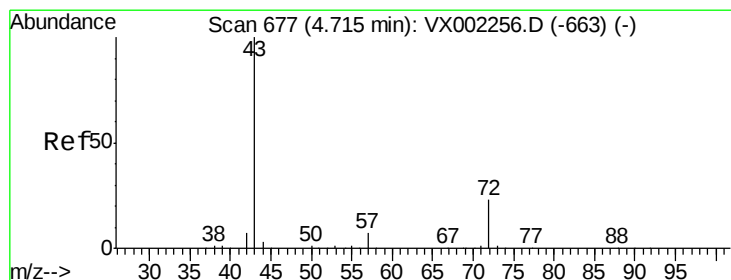
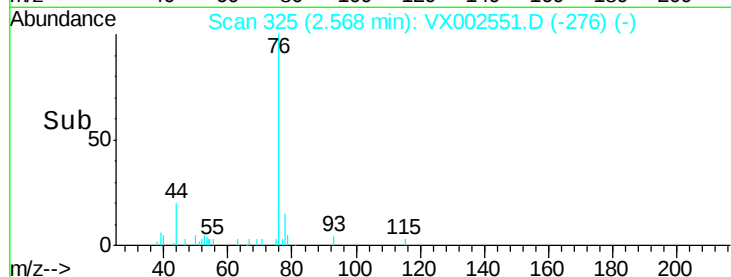
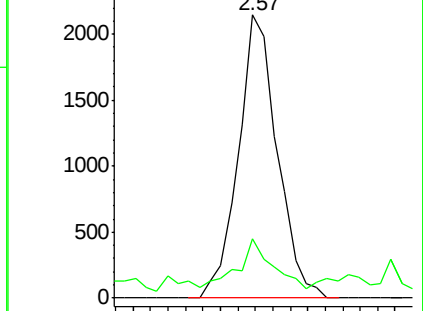
76 100

78 14.6 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 108.131 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002551.D

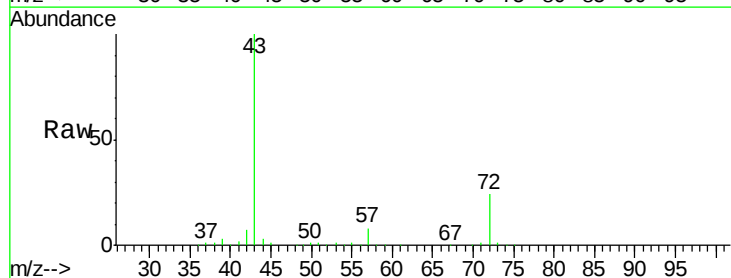
Acq: 14 Jun 2018 15:00

Tgt Ion: 43 Resp: 279437

Ion Ratio Lower Upper

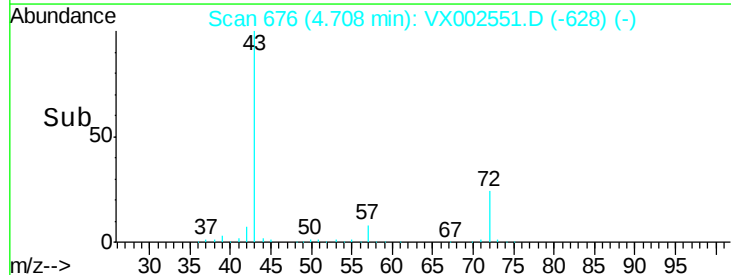
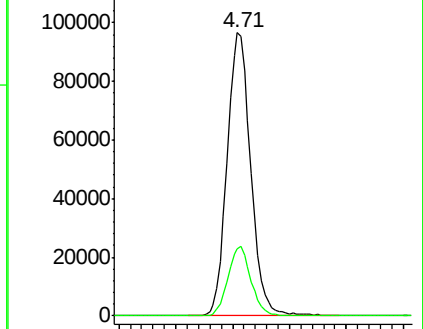
43 100

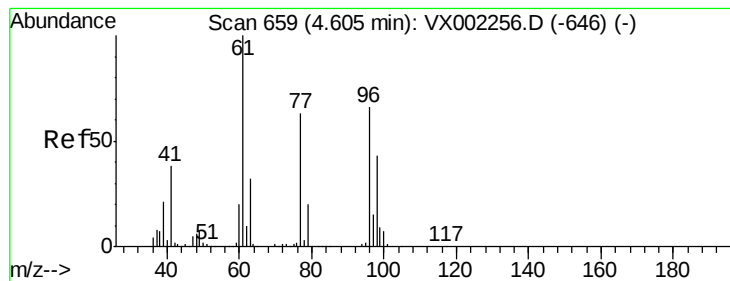
72 23.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 9.356 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607

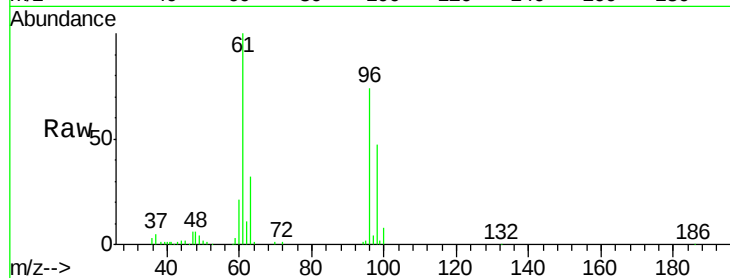
Tot Ion: 96 Resp: 31482

Ion Ratio Lower Upper

96 100

61 141.5 0.0 330.2

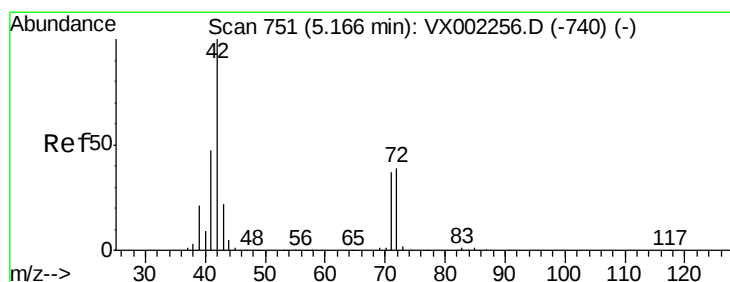
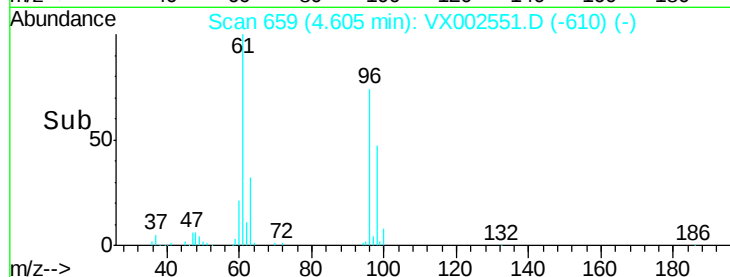
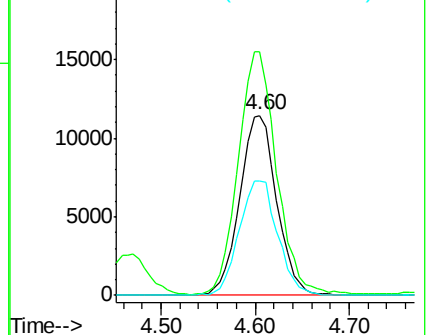
98 66.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 2.018 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.02 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

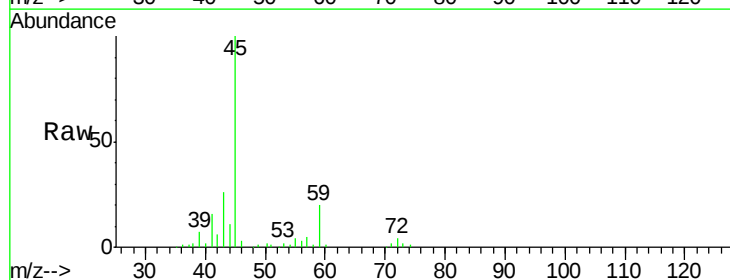
Tgt Ion: 42 Resp: 3363

Ion Ratio Lower Upper

42 100

72 62.2 32.0 48.0#

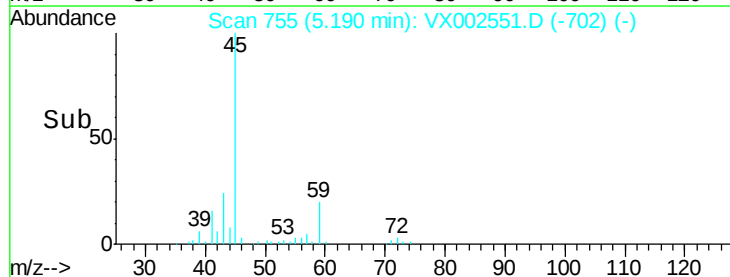
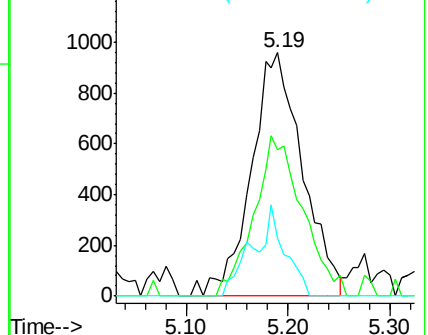
71 23.2 30.1 45.1#

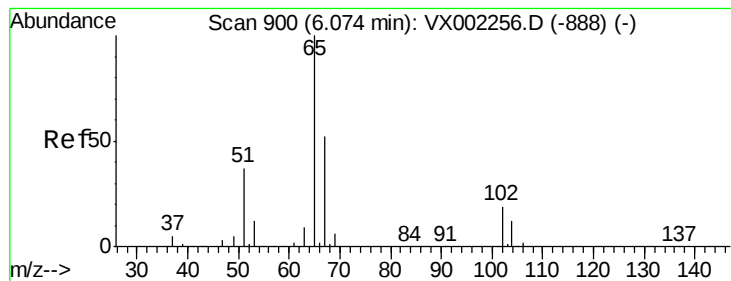


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.766 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

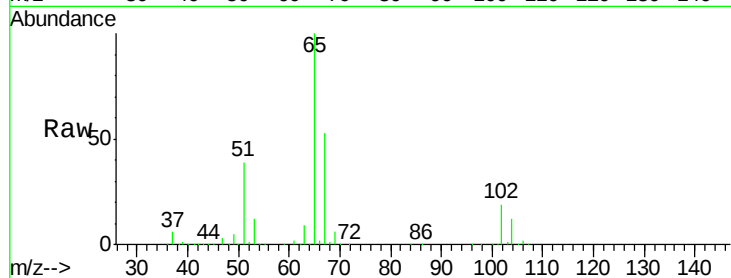
SS050MW513-180607

Tot Ion: 65 Resp: 191134

Ion Ratio Lower Upper

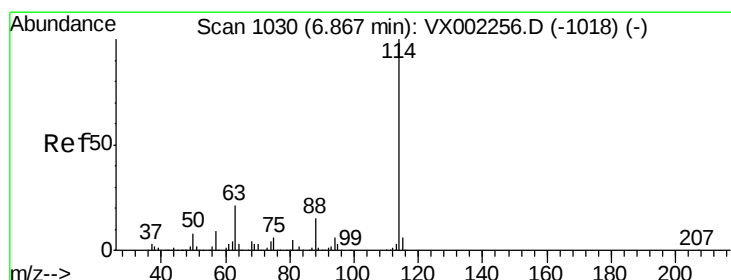
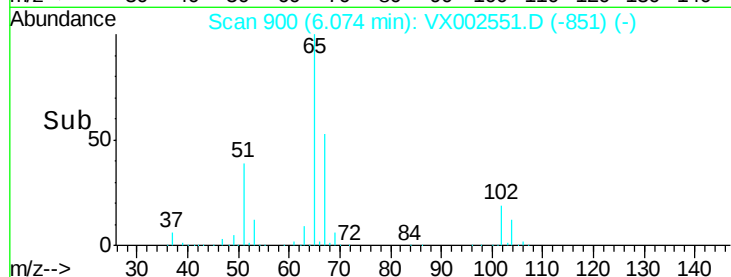
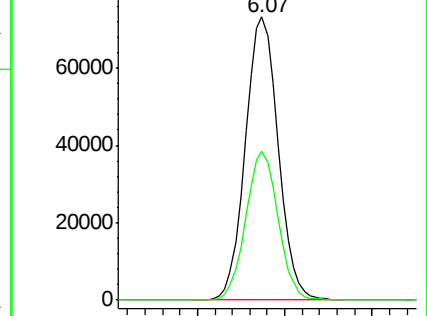
65 100

67 51.9 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

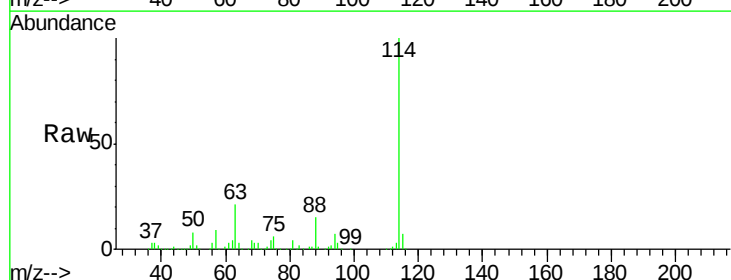
Tgt Ion: 114 Resp: 376956

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

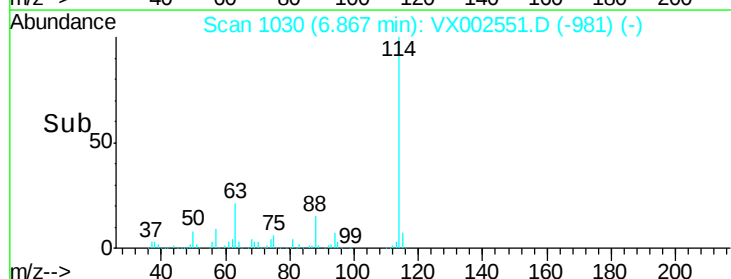
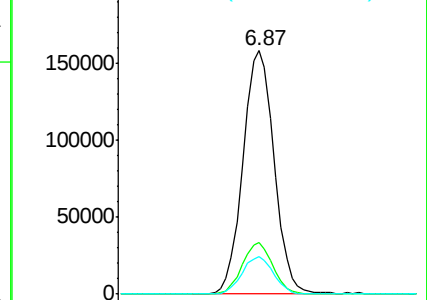
88 15.4 0.0 30.0

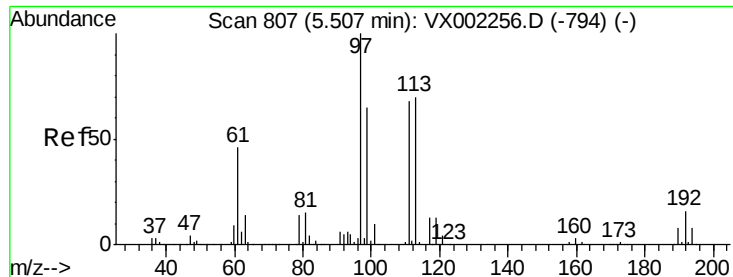


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

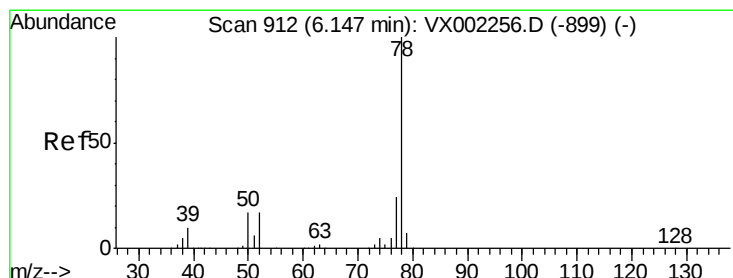
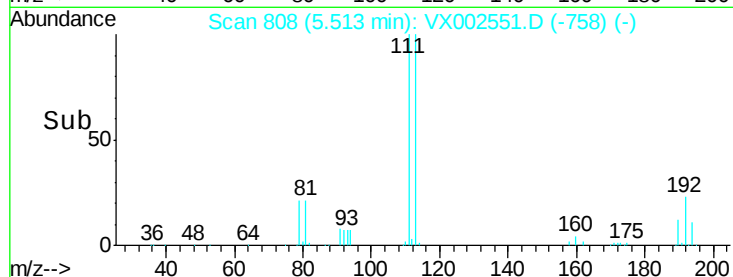
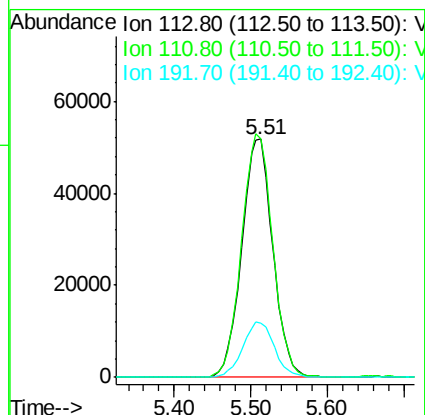
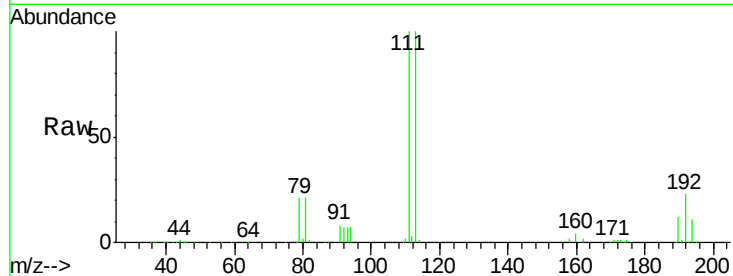




#35
 Dibromofluoromethane
 Concen: 49.327 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

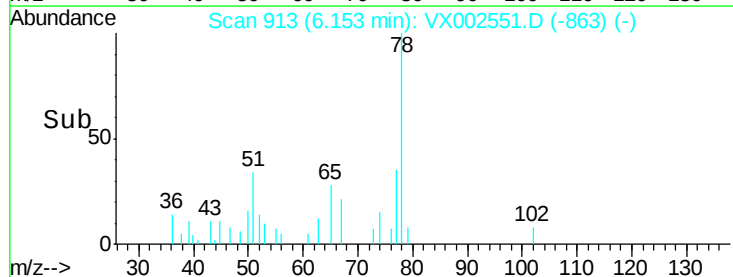
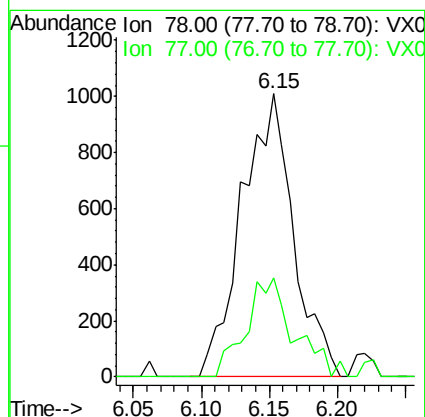
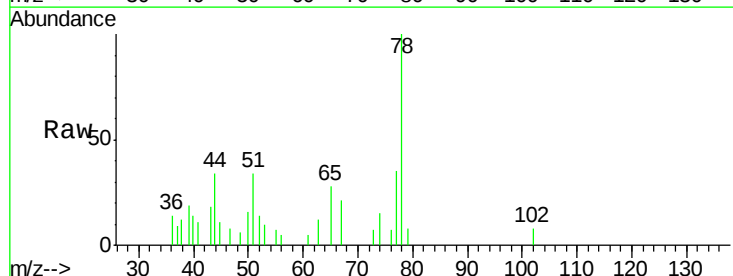
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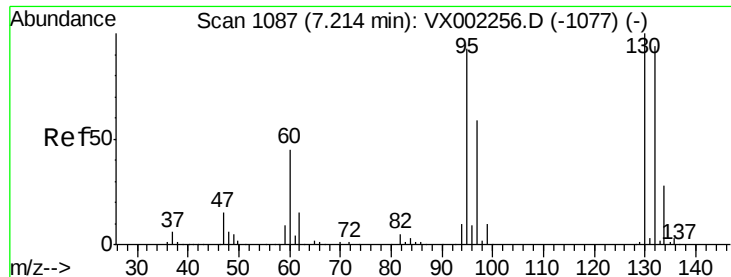
Tot Ion:113 Resp: 146226
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 23.7 19.1 28.7



#40
 Benzene
 Concen: 0.221 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VX002551.D
 Acq: 14 Jun 2018 15:00

Tgt Ion: 78 Resp: 2681
 Ion Ratio Lower Upper
 78 100
 77 35.0 19.1 28.7#





#44

Trichloroethene

Concen: 4.135 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

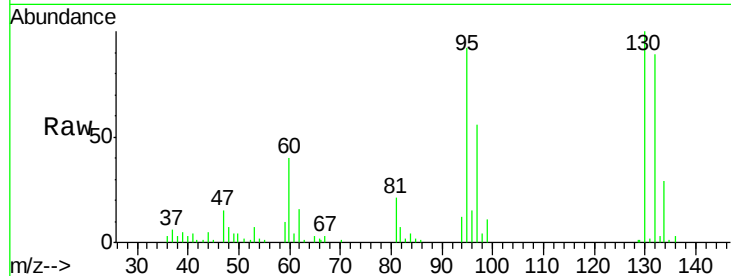
SS050MW513-180607

Tot Ion:130 Resp: 13946

Ion Ratio Lower Upper

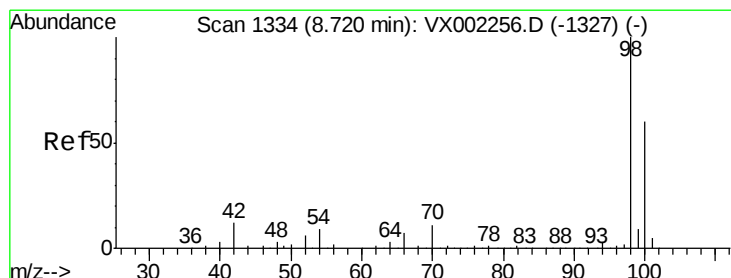
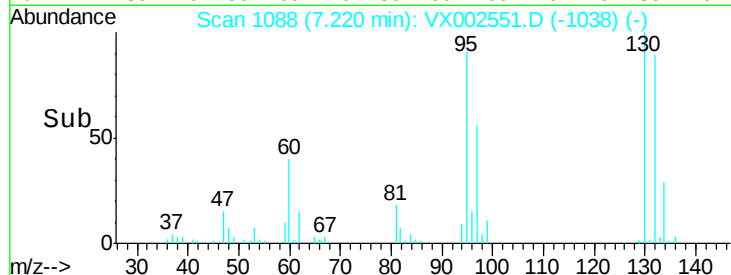
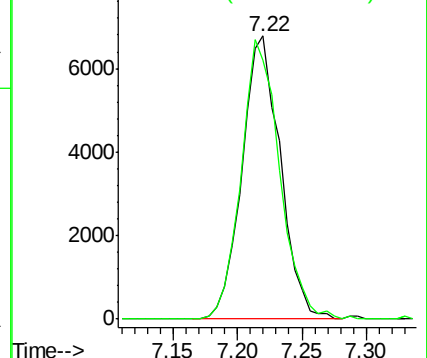
130 100

95 91.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.359 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002551.D

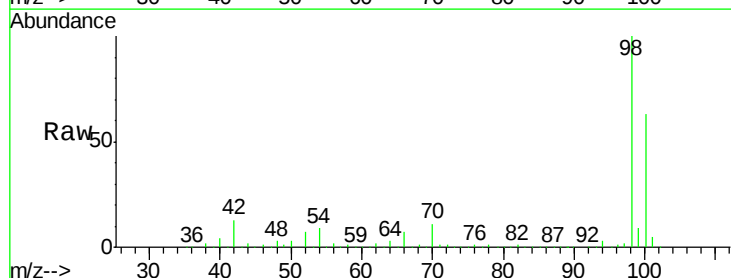
Acq: 14 Jun 2018 15:00

Tgt Ion: 98 Resp: 572199

Ion Ratio Lower Upper

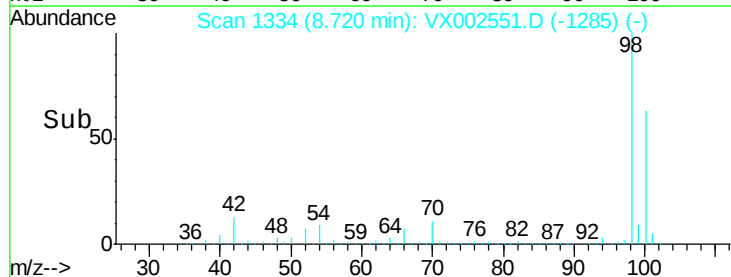
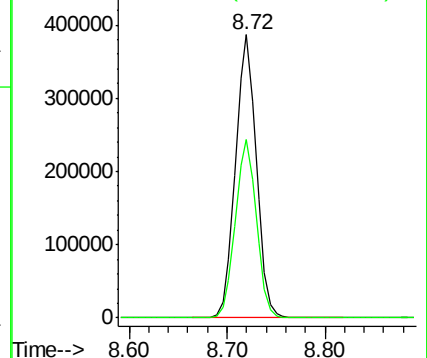
98 100

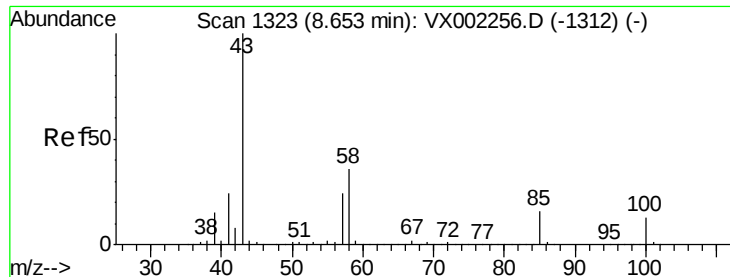
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 2.880 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

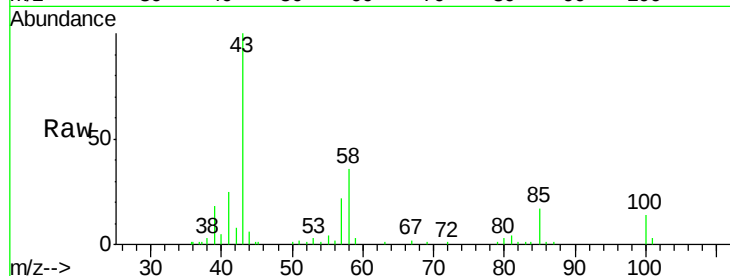
SS050MW513-180607

Tot Ion: 43 Resp: 14518

Ion Ratio Lower Upper

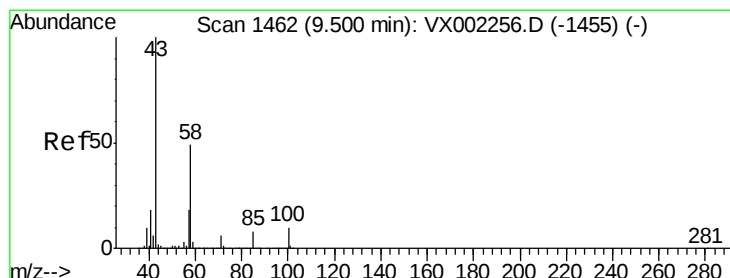
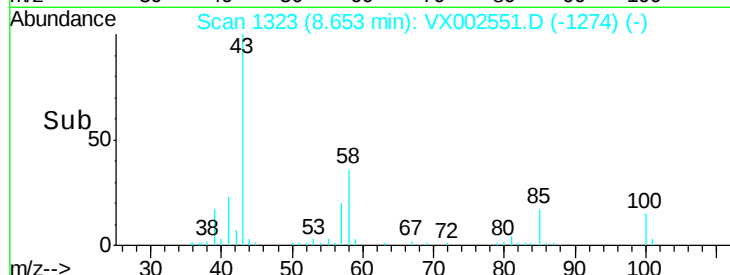
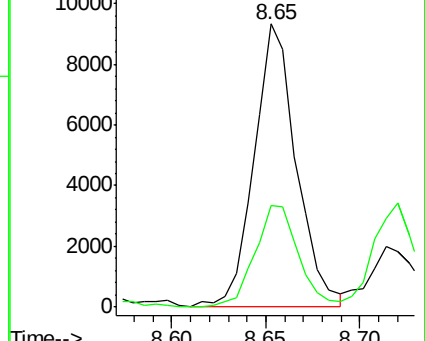
43 100

58 37.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#59

2-Hexanone

Concen: 2.287 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VX002551.D

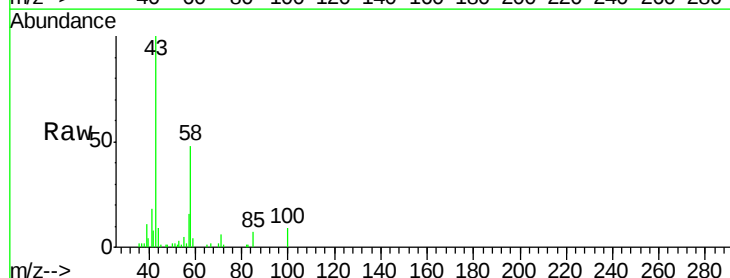
Acq: 14 Jun 2018 15:00

Tgt Ion: 43 Resp: 8903

Ion Ratio Lower Upper

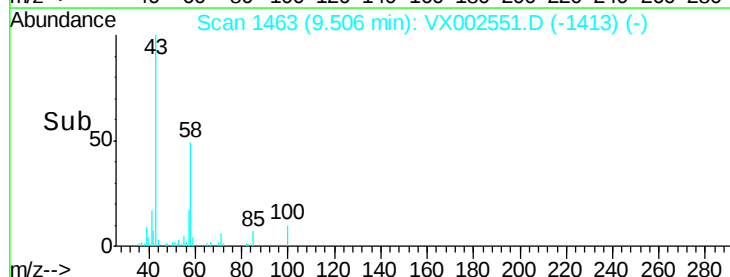
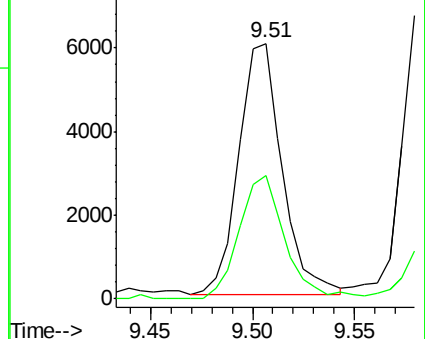
43 100

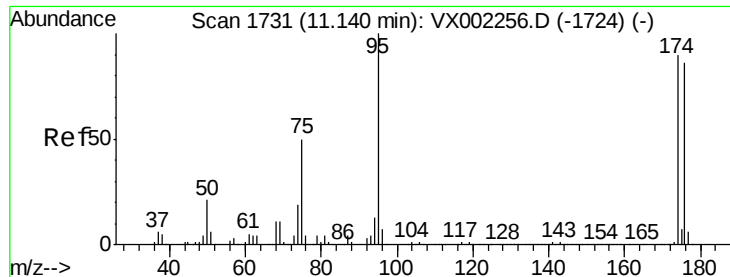
58 51.7 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

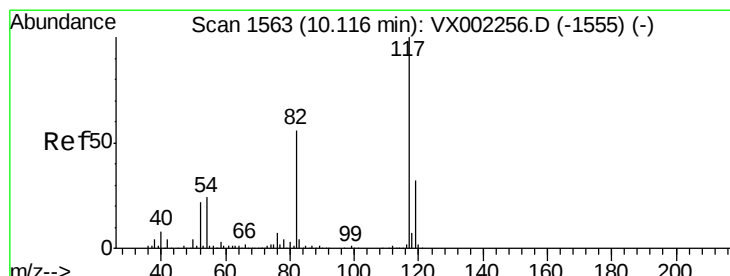
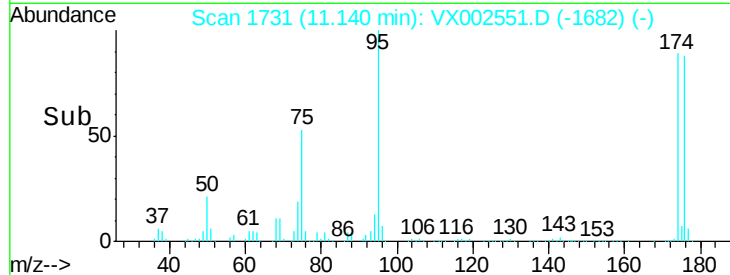
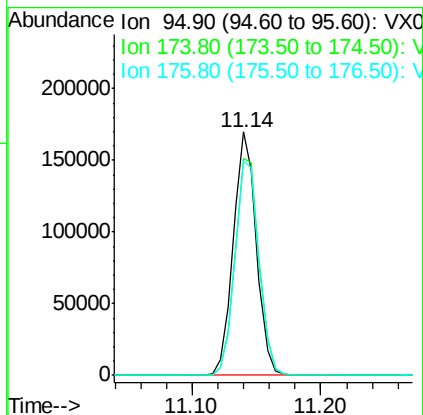
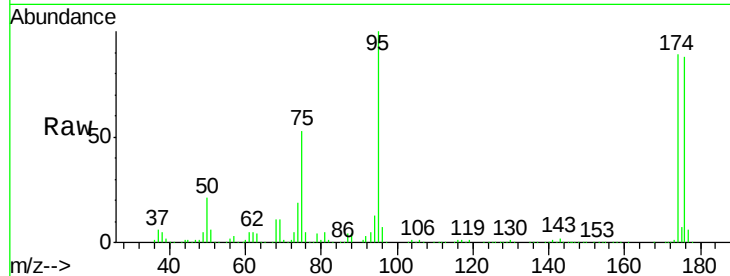




#62
4-Bromofluorobenzene
Concen: 48.442 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

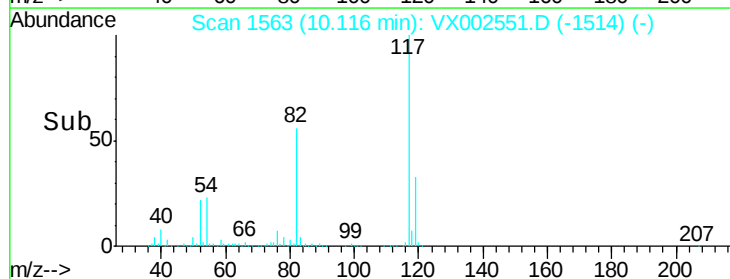
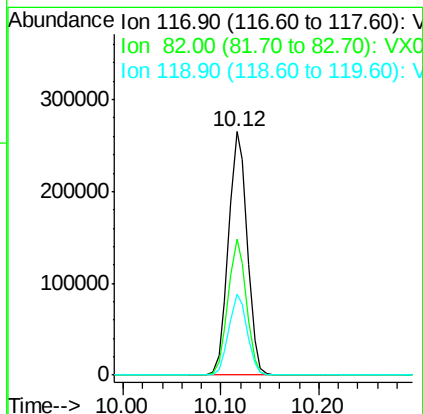
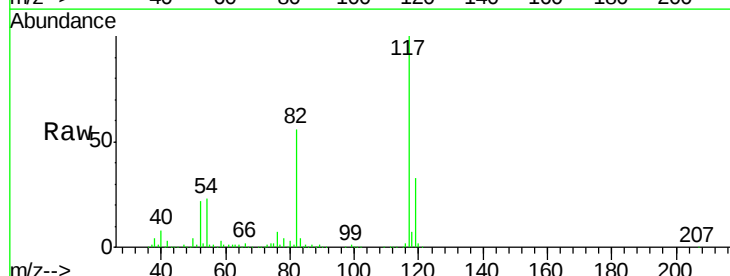
Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607

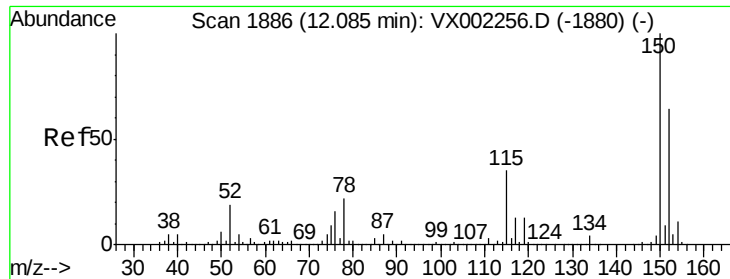
Tot Ion: 95 Resp: 212251
Ion Ratio Lower Upper
95 100
174 93.2 0.0 187.4
176 91.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002551.D
Acq: 14 Jun 2018 15:00

Tgt Ion: 117 Resp: 352905
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 33.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607

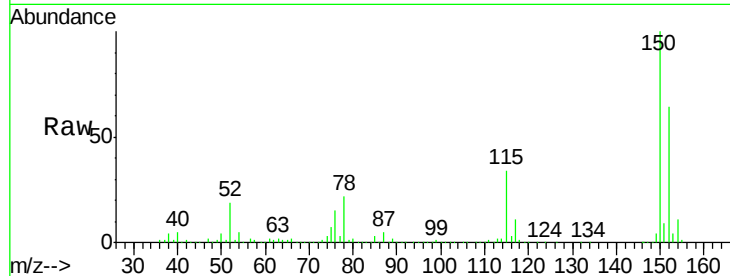
Tot Ion:152 Resp: 207524

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

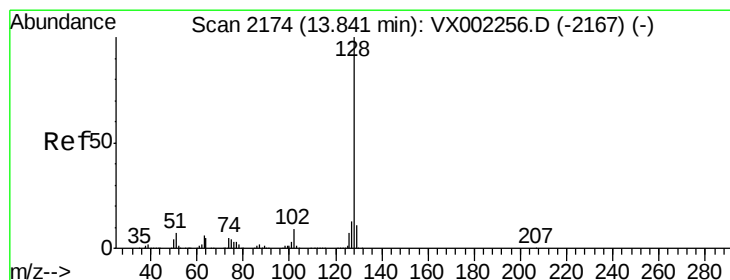
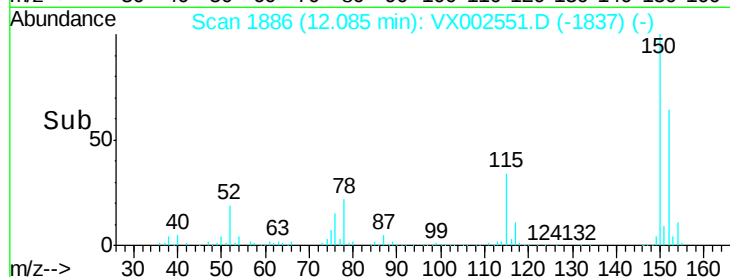
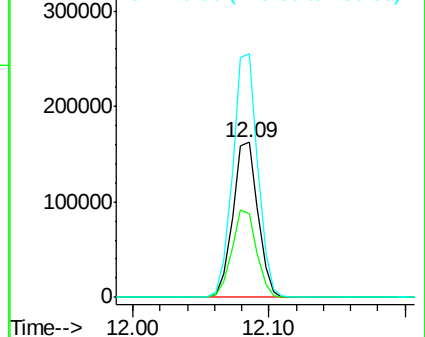
150 156.3 0.0 347.2



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



#95

Naphthalene

Concen: 0.203 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002551.D

Acq: 14 Jun 2018 15:00

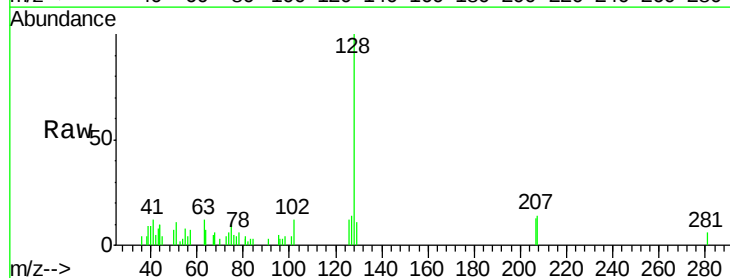
Tgt Ion:128 Resp: 3063

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 13.6 8.6 13.0#



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

