

Data Path : W:\HPCHEM1\MSVOA X\Data\VX040218\
 Data File : VX000644.D
 Acq On : 02 Apr 2018 17:58
 Operator : JC/MD
 Sample : J2172-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22043-5-132-4-78-80

Quant Time: Apr 03 03:03:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118447	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	201904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	119702	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	77347	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	5.51	113	61738	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	8.72	98	262090	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.15	95	96914	44.33	ug/l	0.00
Spiked Amount			Recovery	=	88.66%	

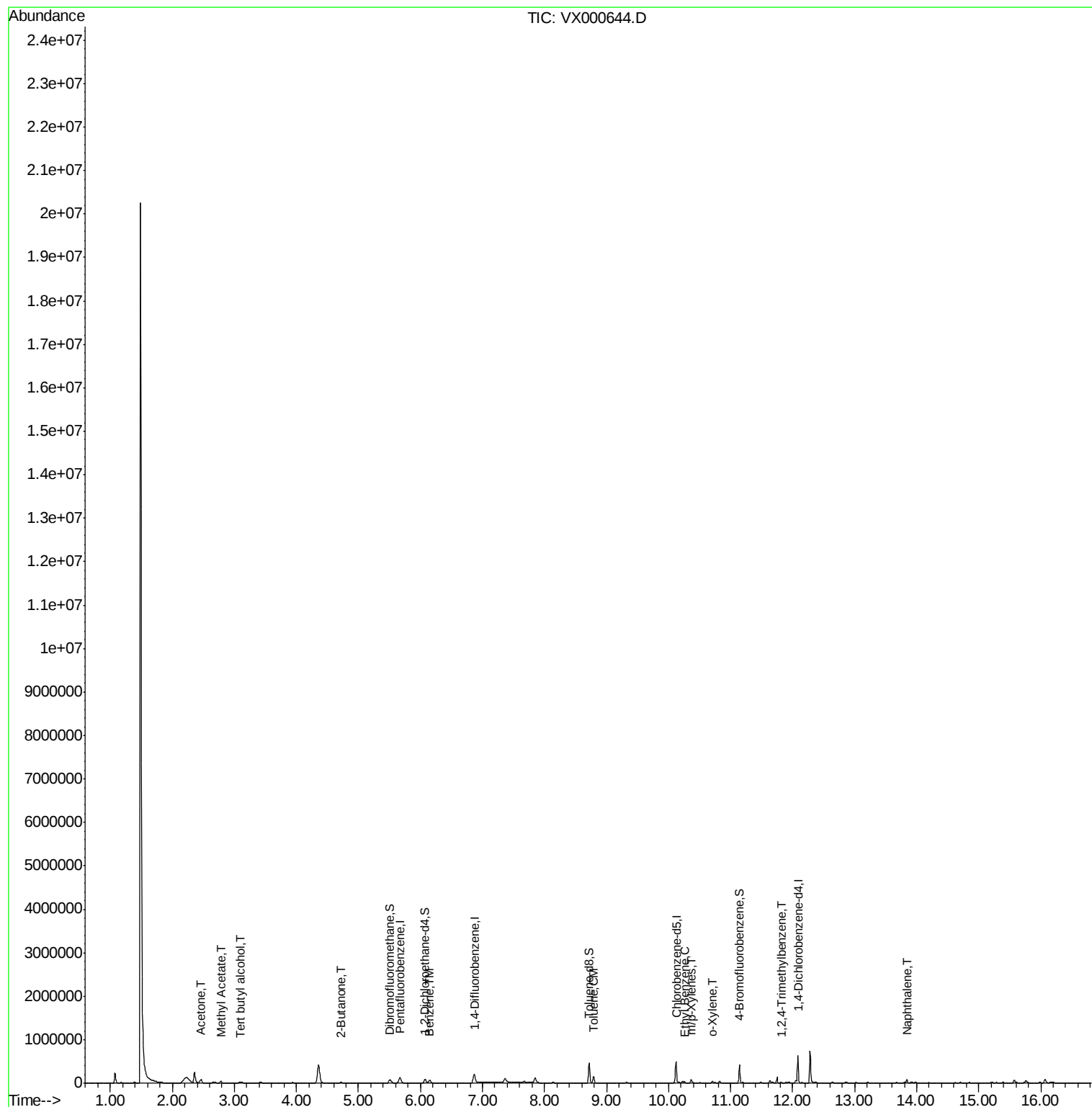
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.09	59	49364	92.82	ug/l	100
16) Acetone	2.46	43	100867	78.42	ug/l	94
18) Methyl Acetate	2.78	43	43204	16.02	ug/l	98
25) 2-Butanone	4.71	43	24890	17.22	ug/l	95
40) Benzene	6.15	78	70803	12.89	ug/l	97
52) Toluene	8.79	92	53298	13.88	ug/l	99
67) Ethyl Benzene	10.26	91	15742	2.00	ug/l	91
68) m/p-Xylenes	10.37	106	16060	5.18	ug/l	99
69) o-Xylene	10.71	106	9364	3.12	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	9712	1.39	ug/l	81
95) Naphthalene	13.84	128	43496	4.45	ug/l	99

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

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000644.D

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Instrument :

MSVOA_X

ClientSampleId :

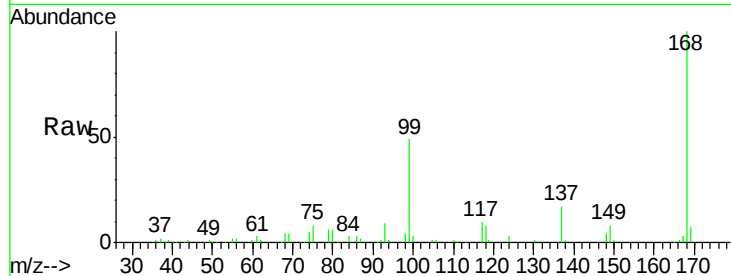
22043-5-132-4-78-80

Tot Ion:168 Resp: 118447

Ion Ratio Lower Upper

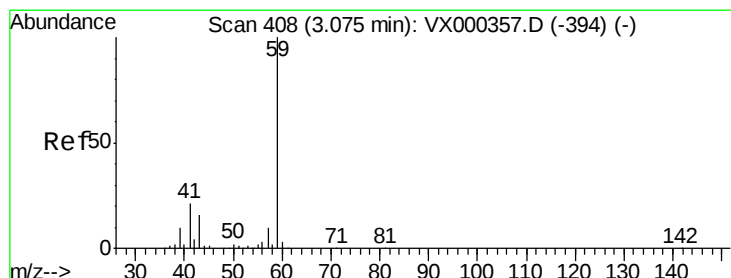
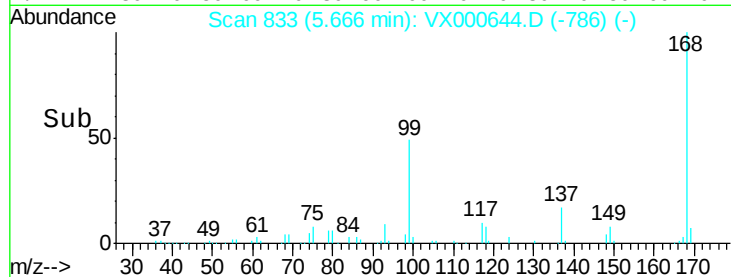
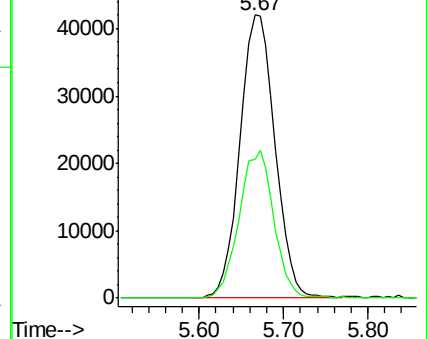
168 100

99 49.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 92.82 ug/l

RT: 3.09 min Scan# 411

Delta R.T. 0.02 min

Lab File: VX000644.D

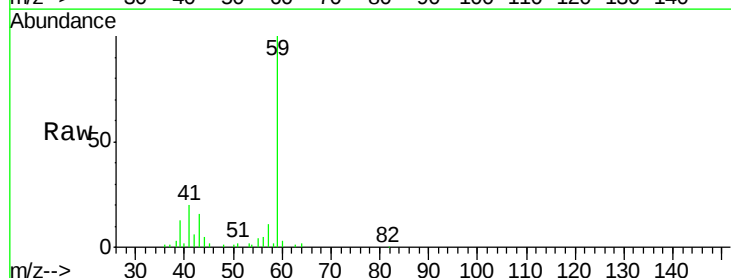
Acq: 02 Apr 2018 17:58

Tgt Ion: 59 Resp: 49364

Ion Ratio Lower Upper

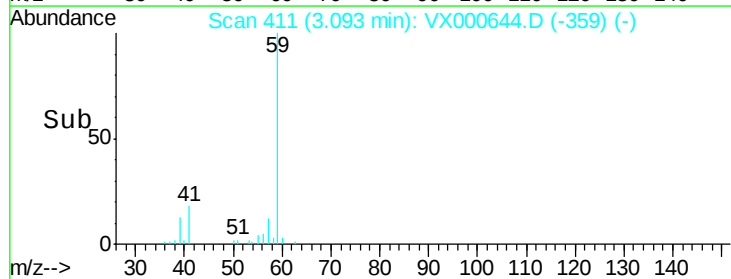
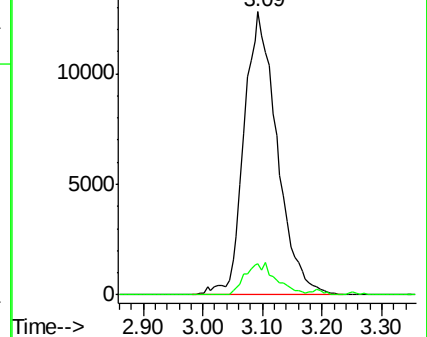
59 100

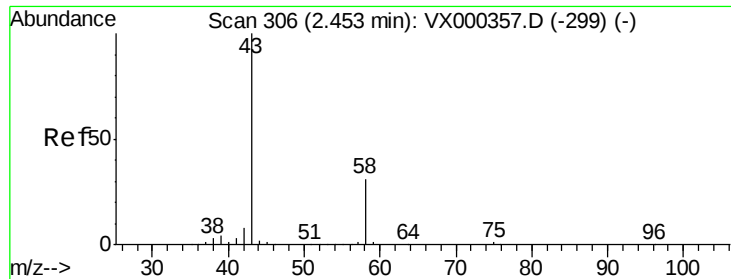
57 10.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

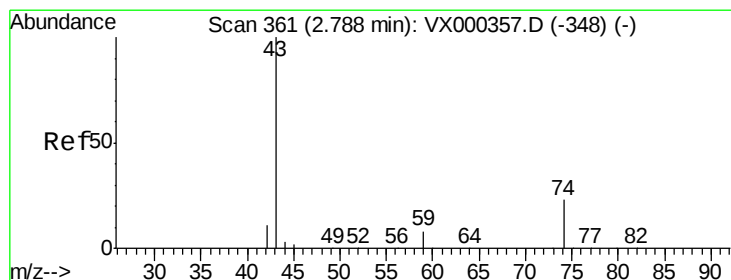
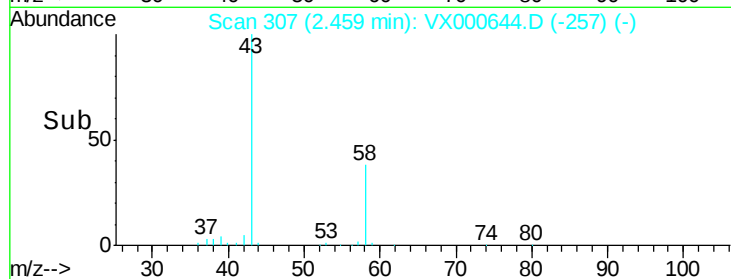
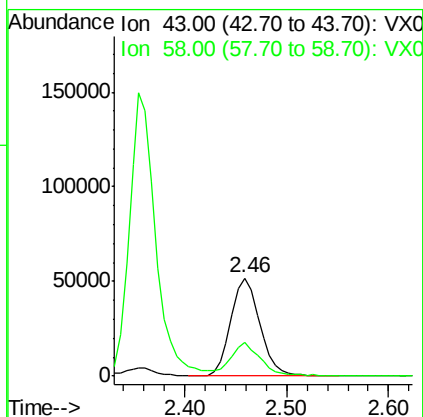
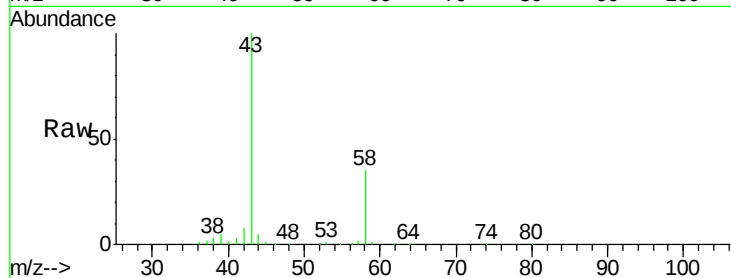




#16
 Acetone
 Concen: 78.42 ug/l
 RT: 2.46 min Scan# 307
 Delta R.T. 0.01 min
 Lab File: VX000644.D
 Acq: 02 Apr 2018 17:58

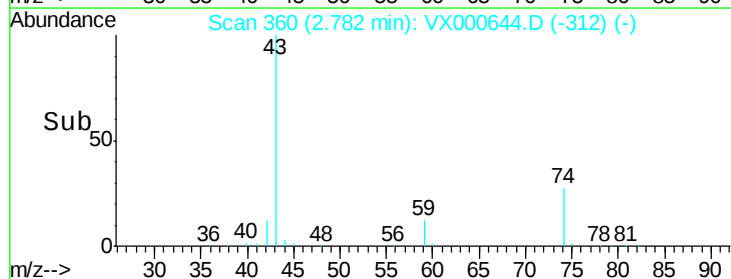
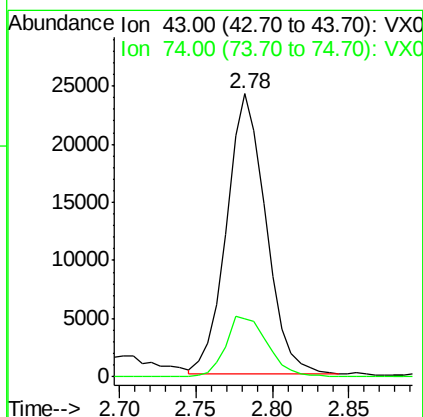
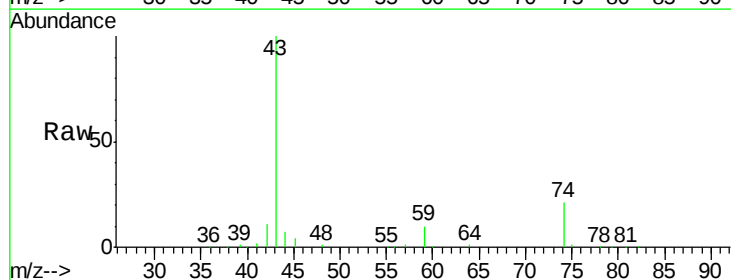
Instrument :
 MSVOA_X
 ClientSampleId :
 22043-5-132-4-78-80

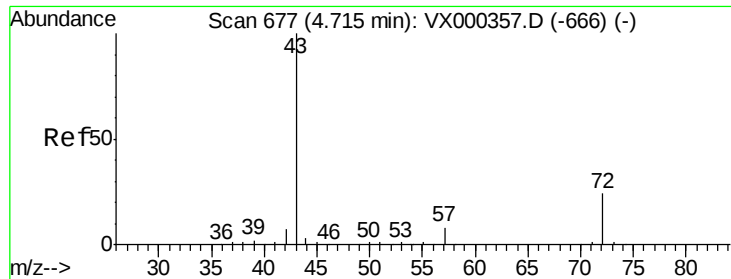
Tot Ion: 43 Resp: 100867
 Ion Ratio Lower Upper
 43 100
 58 34.3 24.7 37.1



#18
 Methyl Acetate
 Concen: 16.02 ug/l
 RT: 2.78 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: VX000644.D
 Acq: 02 Apr 2018 17:58

Tgt Ion: 43 Resp: 43204
 Ion Ratio Lower Upper
 43 100
 74 23.1 19.4 29.2





#25

2-Butanone

Concen: 17.22 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

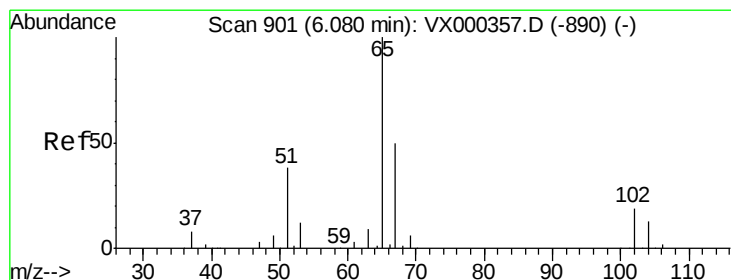
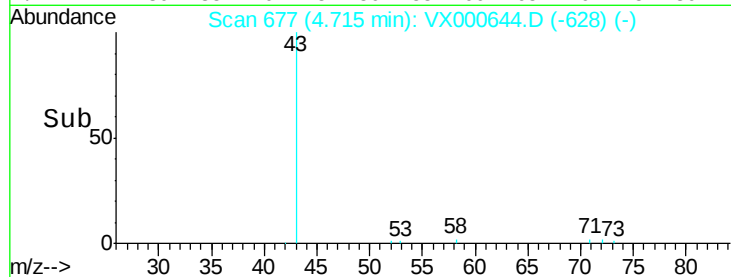
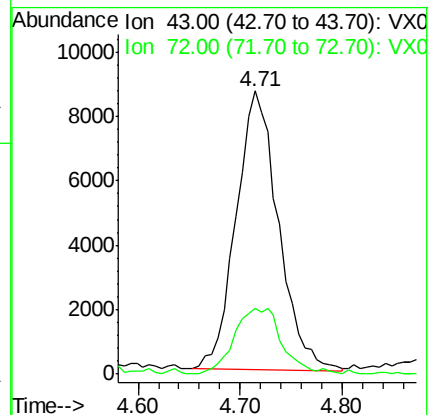
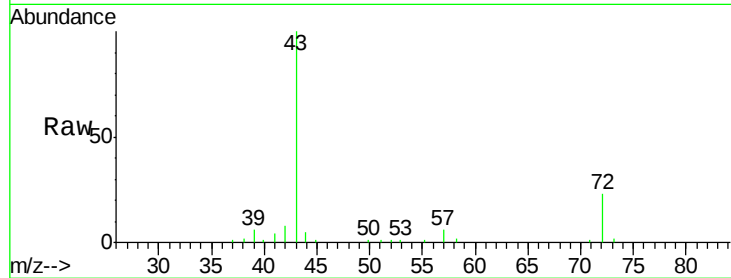
22043-5-132-4-78-80

Tot Ion: 43 Resp: 24890

Ion Ratio Lower Upper

43 100

72 23.7 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 50.03 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000644.D

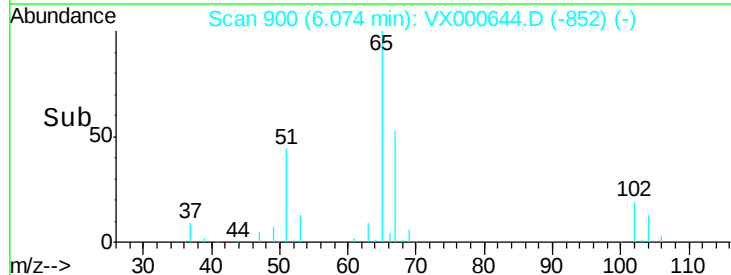
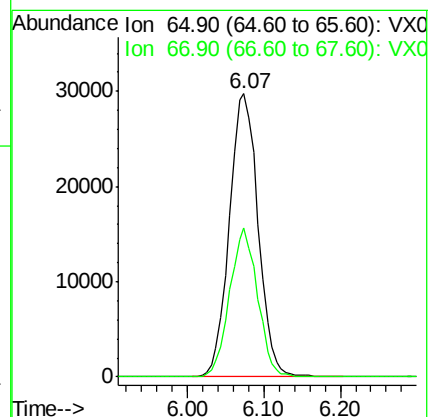
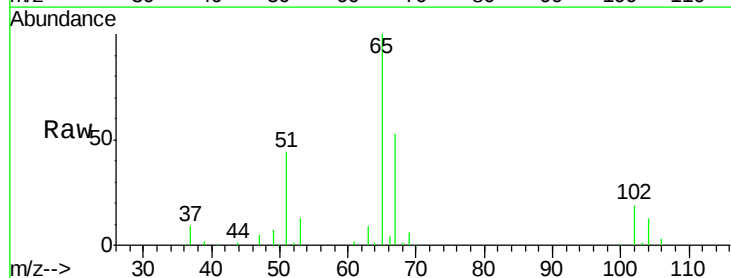
Acq: 02 Apr 2018 17:58

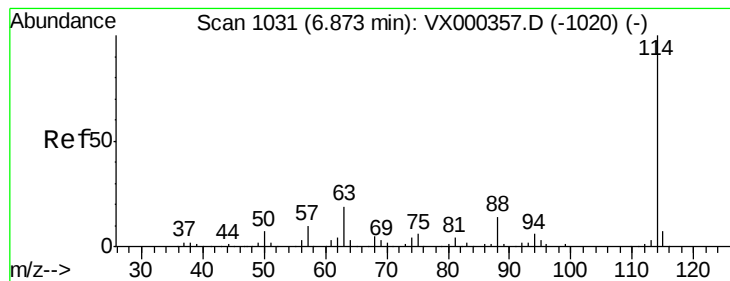
Tgt Ion: 65 Resp: 77347

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

22043-5-132-4-78-80

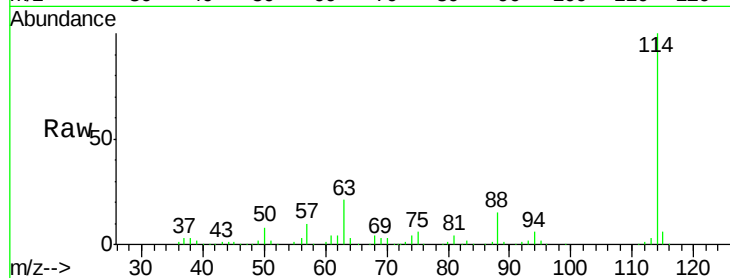
Tot Ion:114 Resp: 201904

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

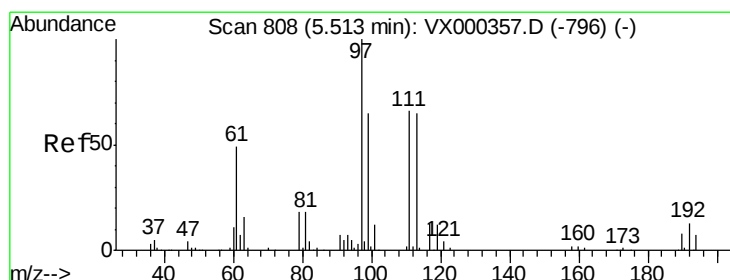
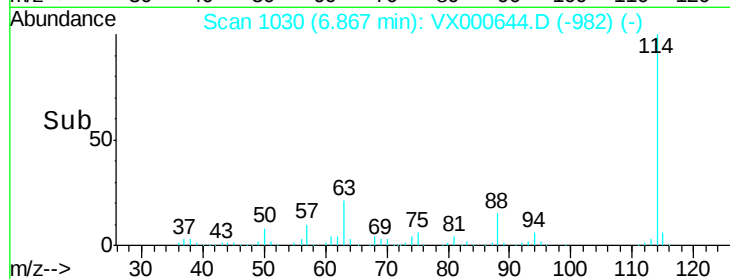
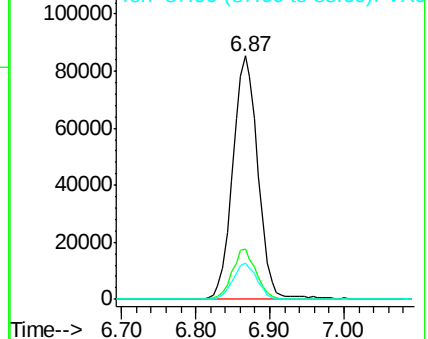
88 15.0 0.0 27.0



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: 48.53 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

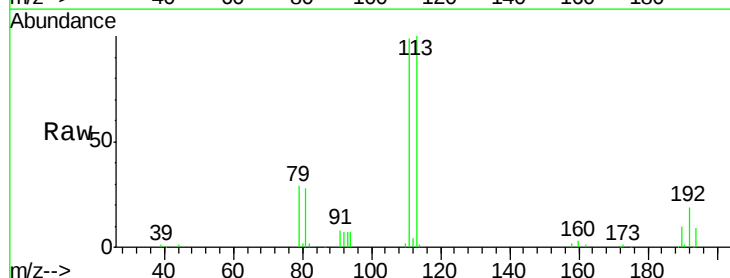
Tgt Ion:113 Resp: 61738

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

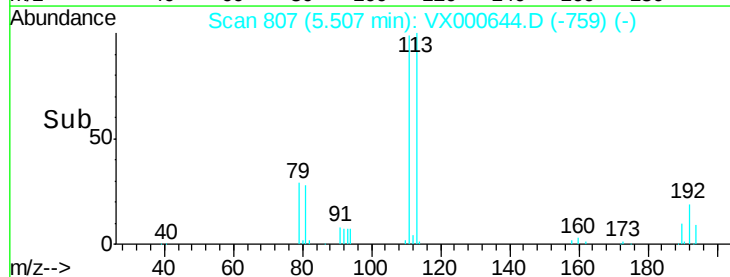
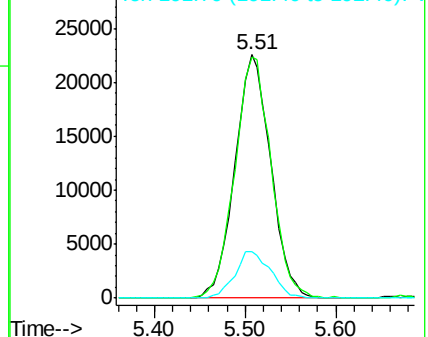
192 19.0 15.8 23.6

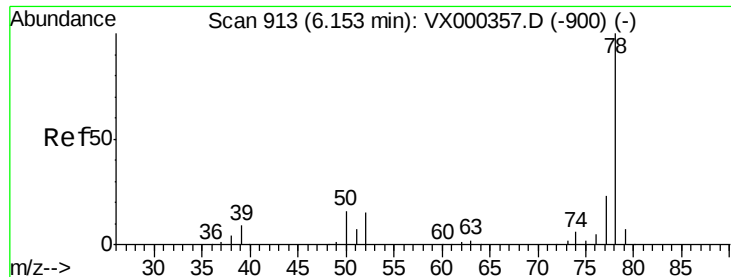


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 12.89 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

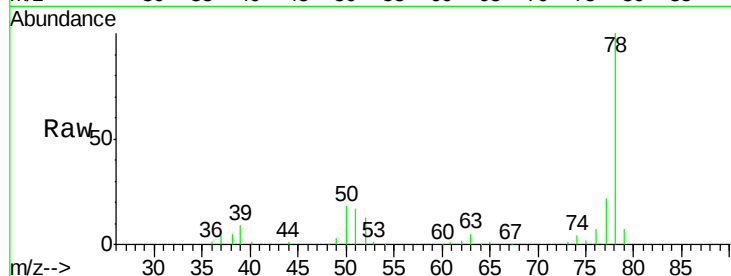
22043-5-132-4-78-80

Tot Ion: 78 Resp: 70803

Ion Ratio Lower Upper

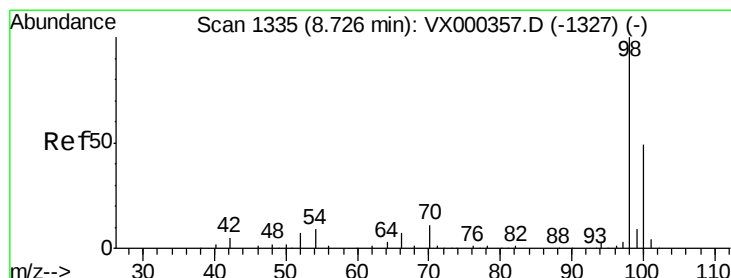
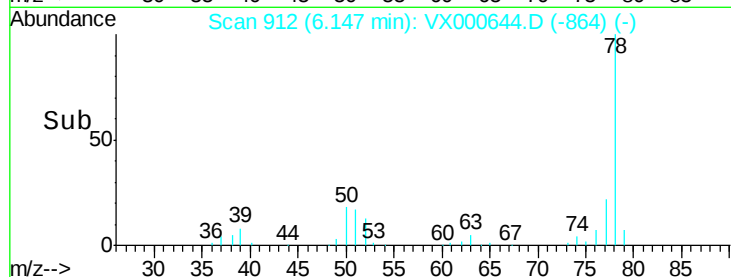
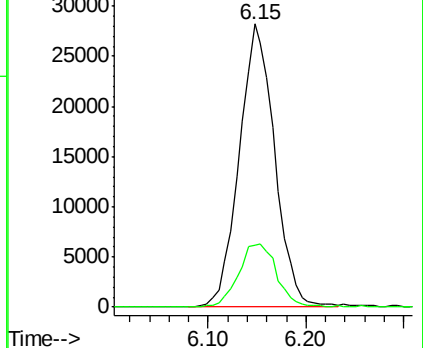
78 100

77 22.1 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.74 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000644.D

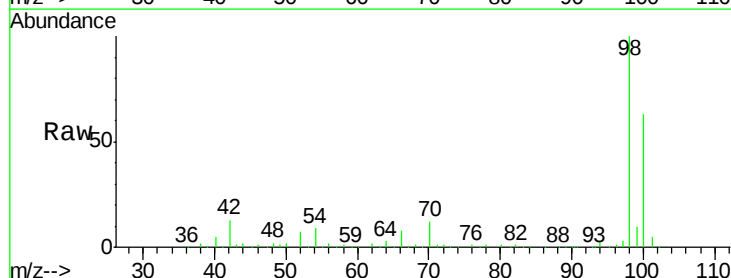
Acq: 02 Apr 2018 17:58

Tgt Ion: 98 Resp: 262090

Ion Ratio Lower Upper

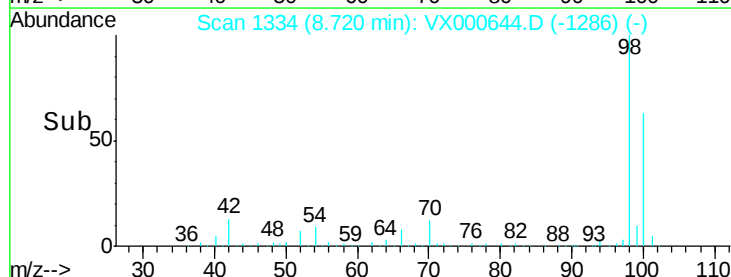
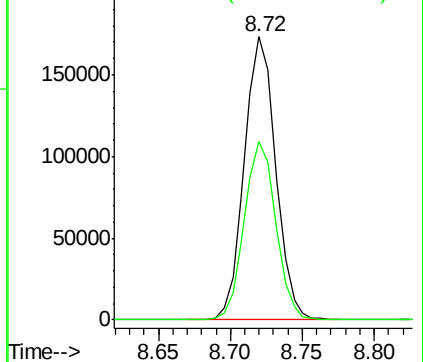
98 100

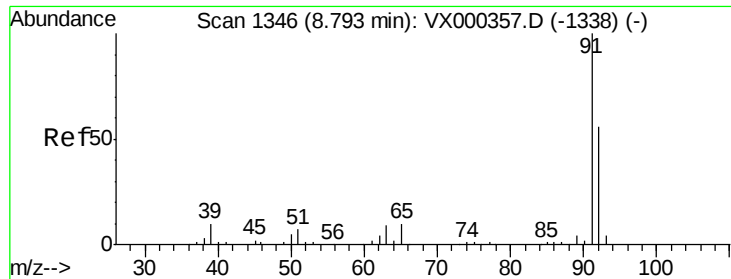
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 13.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

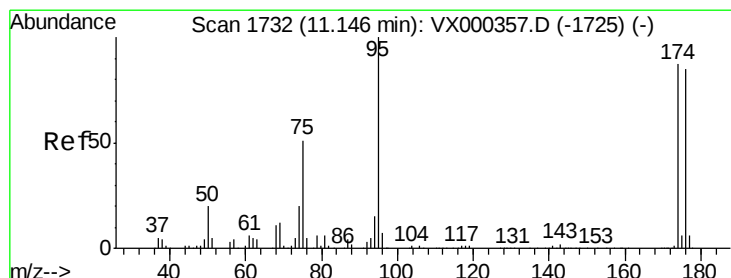
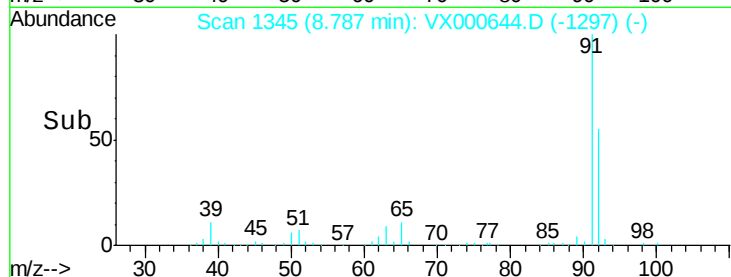
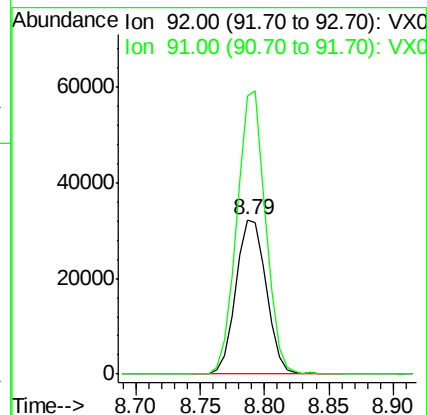
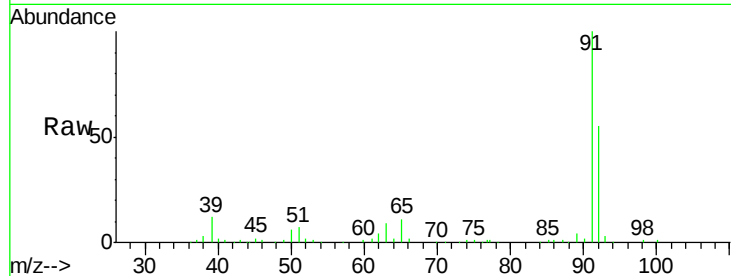
22043-5-132-4-78-80

Tot Ion: 92 Resp: 53298

Ion Ratio Lower Upper

92 100

91 173.4 140.2 210.2



#62

4-Bromofluorobenzene

Concen: 44.33 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

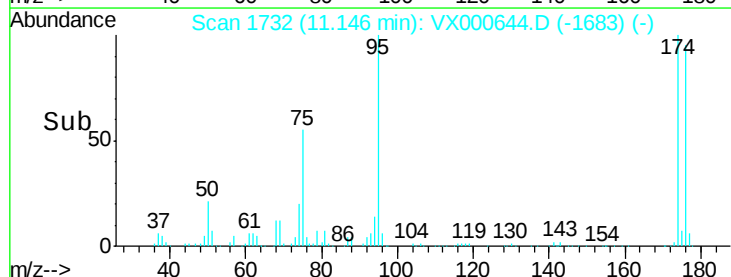
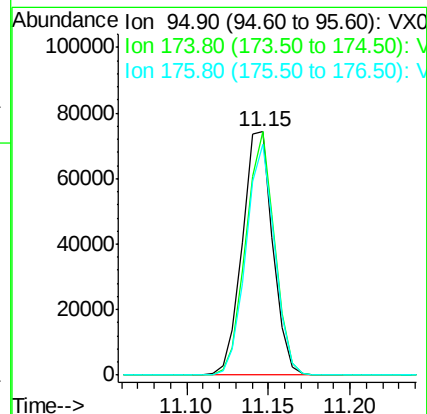
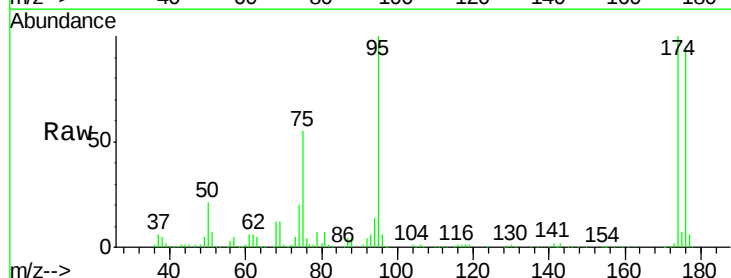
Tgt Ion: 95 Resp: 96914

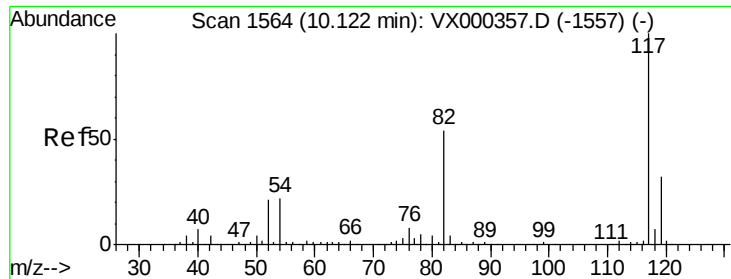
Ion Ratio Lower Upper

95 100

174 94.2 0.0 173.6

176 89.3 0.0 164.6

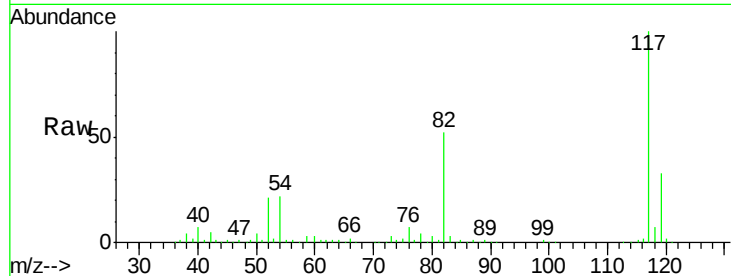




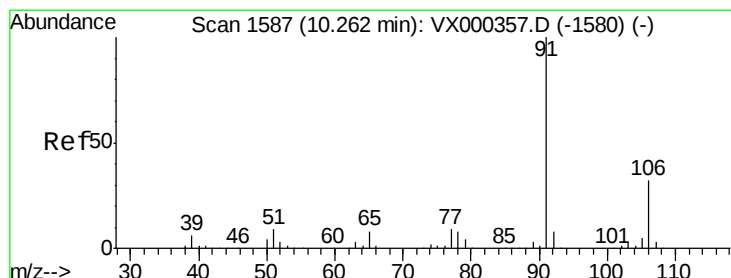
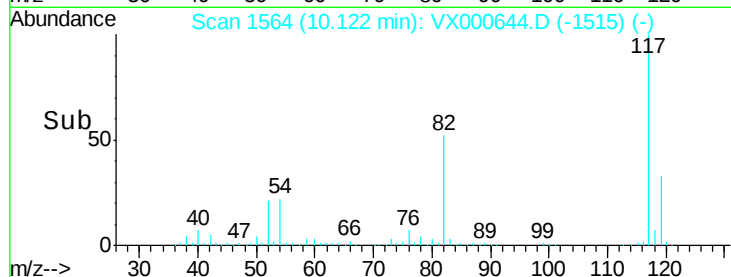
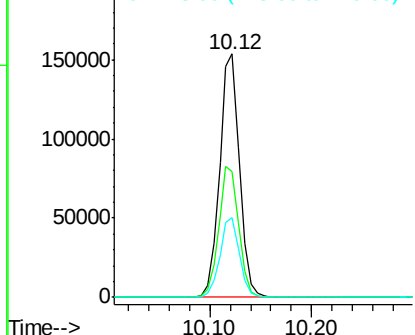
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

Tot Ion:117 Resp: 208772
Ion Ratio Lower Upper
117 100
82 51.9 43.8 65.8
119 32.8 24.9 37.3

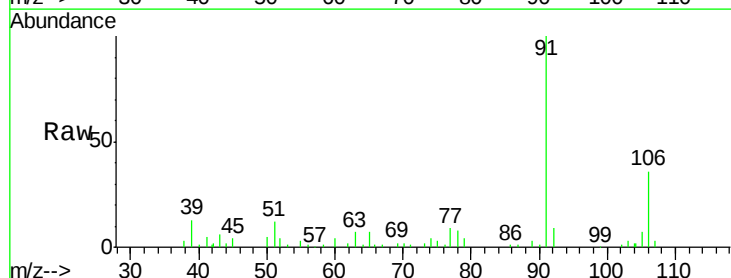


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

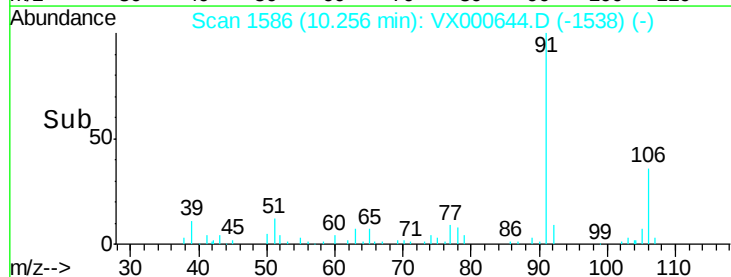
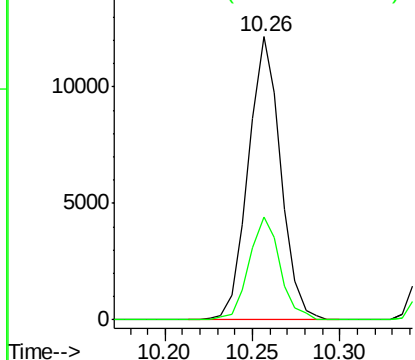


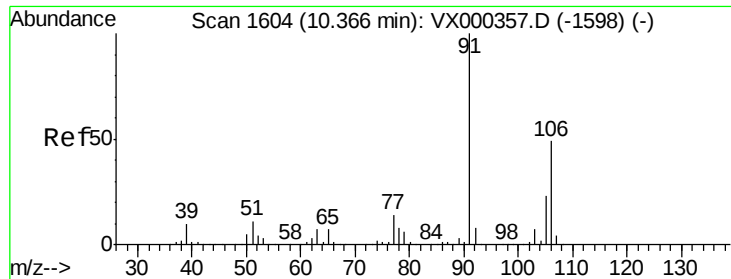
#67
Ethyl Benzene
Concen: 2.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 91 Resp: 15742
Ion Ratio Lower Upper
91 100
106 36.4 25.0 37.6



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

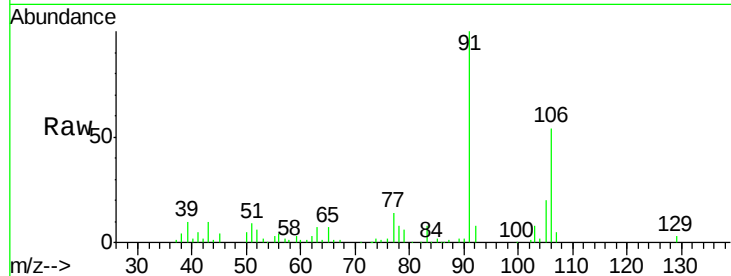




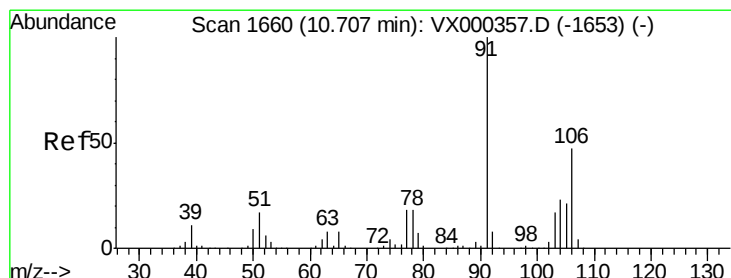
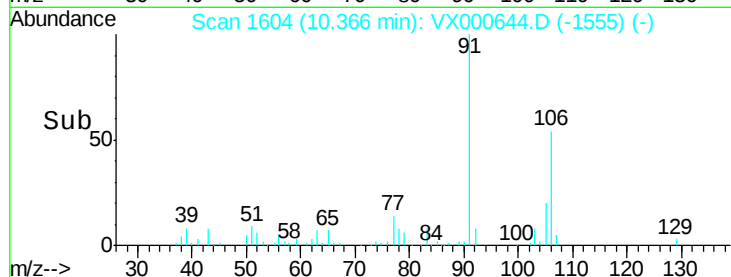
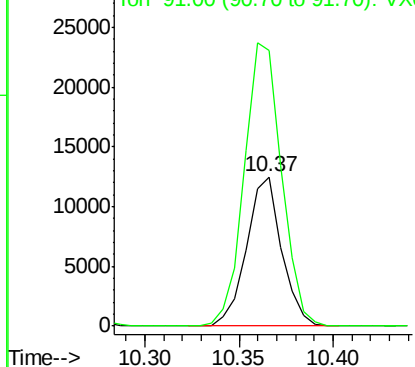
#68
m/p-Xylenes
Concen: 5.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

Tot Ion:106 Resp: 16060
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.2

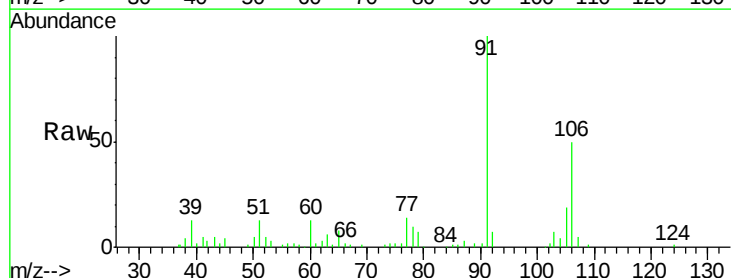


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

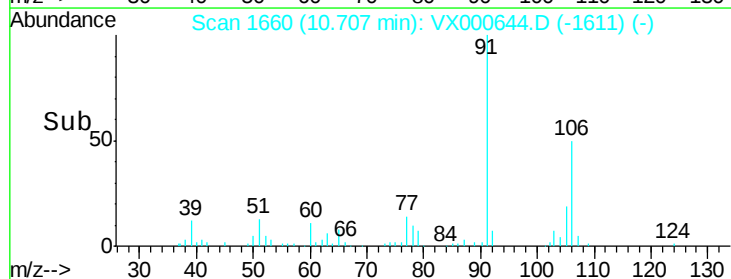
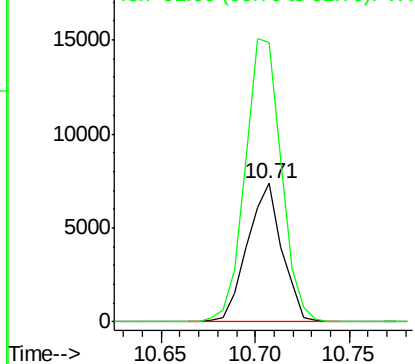


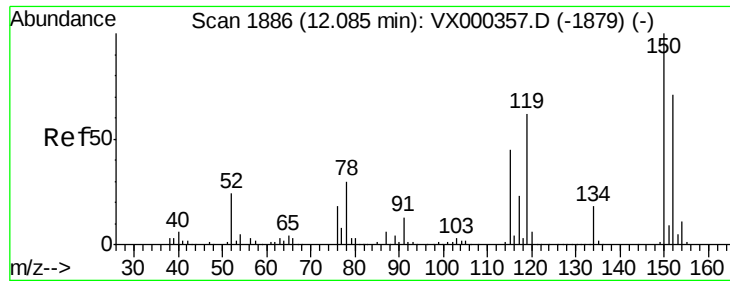
#69
o-Xylene
Concen: 3.12 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion:106 Resp: 9364
Ion Ratio Lower Upper
106 100
91 213.4 106.5 319.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

22043-5-132-4-78-80

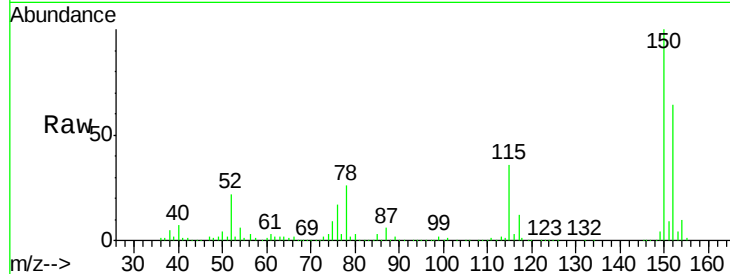
Tot Ion:152 Resp: 119702

Ion Ratio Lower Upper

152 100

115 56.0 39.8 119.3

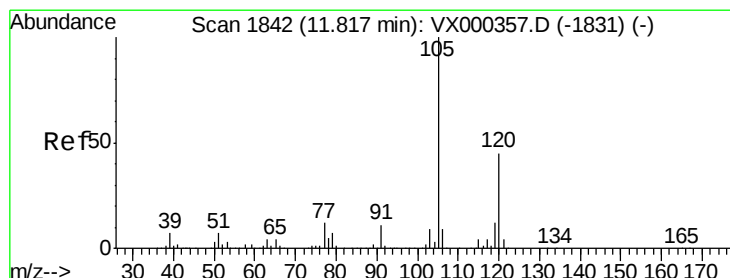
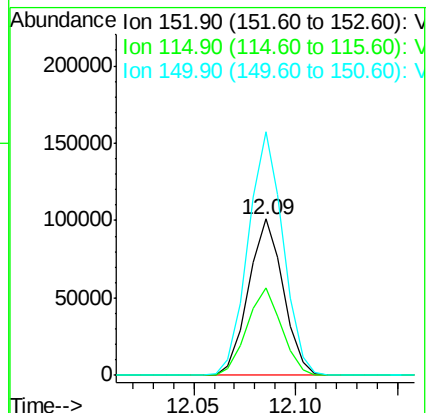
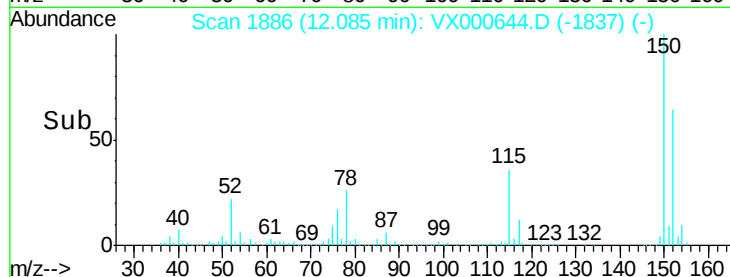
150 156.6 0.0 344.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.39 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000644.D

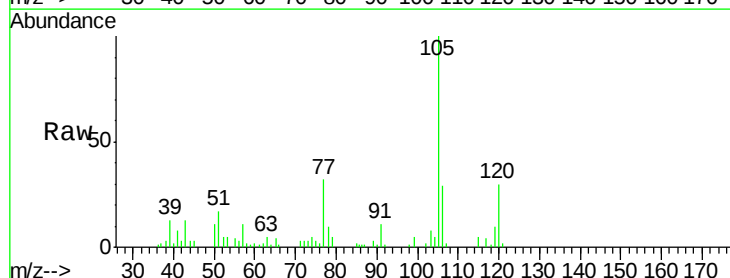
Acq: 02 Apr 2018 17:58

Tgt Ion:105 Resp: 9712

Ion Ratio Lower Upper

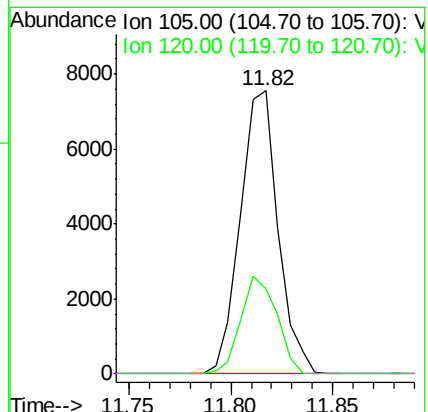
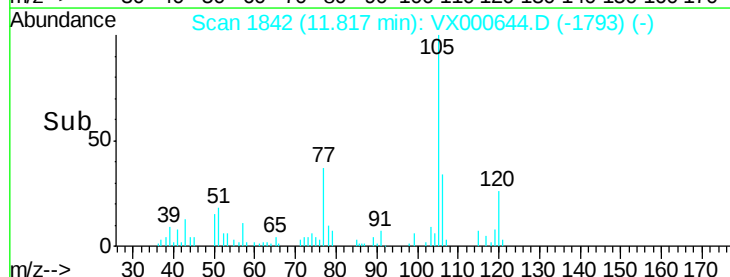
105 100

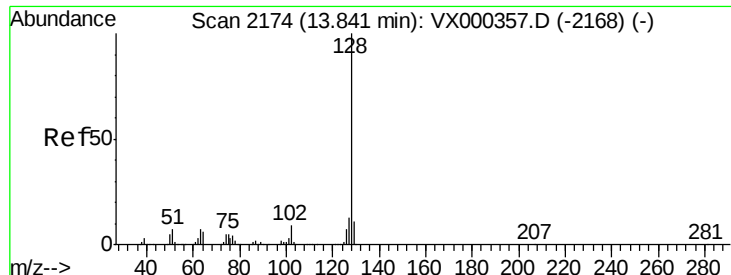
120 32.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

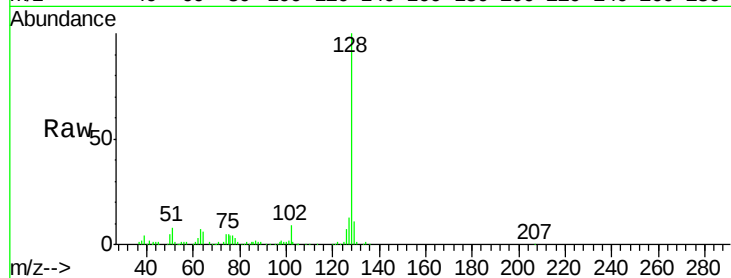




#95
Naphthalene
Concen: 4.45 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.9	13.3



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

