

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004686.D
 Acq On : 19 Sep 2018 04:43
 Operator : JC/MD
 Sample : J4936-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 138-KV

Quant Time: Sep 19 09:11:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202475	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	149443	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
35) Dibromofluoromethane	5.50	113	144066	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	
50) Toluene-d8	8.71	98	480864	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	11.14	95	172189	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	

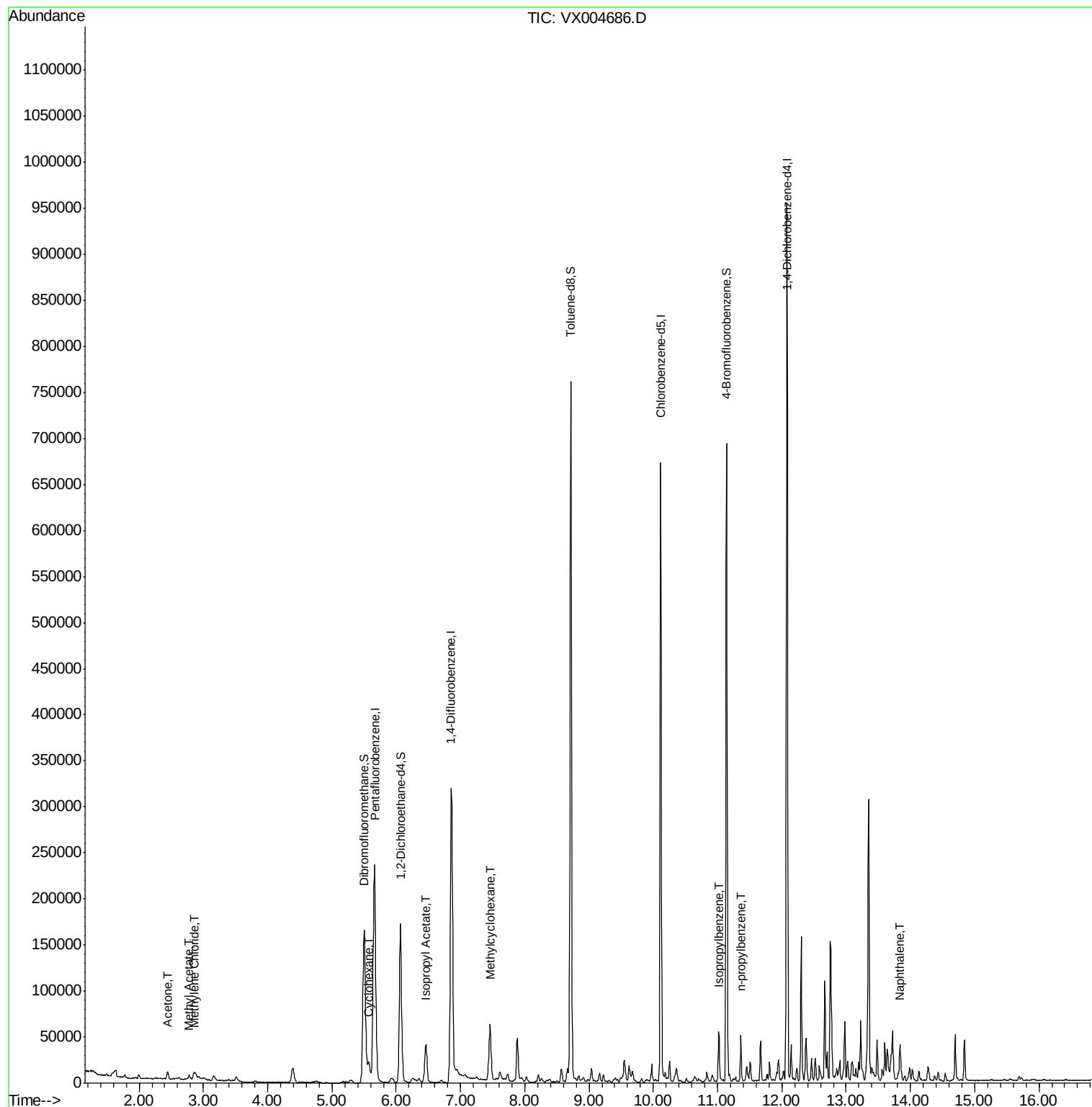
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	9524	6.12	ug/l	91
18) Methyl Acetate	2.78	43	5010	1.15	ug/l	98
20) Methylene Chloride	2.85	84	3511	1.10	ug/l #	80
31) Cyclohexane	5.57	56	14551	3.16	ug/l	95
39) Methylcyclohexane	7.46	83	26366	6.02	ug/l	95
43) Isopropyl Acetate	6.46	43	44605	7.04	ug/l	99
73) Isopropylbenzene	11.02	105	27039	2.03	ug/l	100
78) n-propylbenzene	11.36	91	30527	1.99	ug/l	97
95) Naphthalene	13.83	128	23169	1.68	ug/l #	90

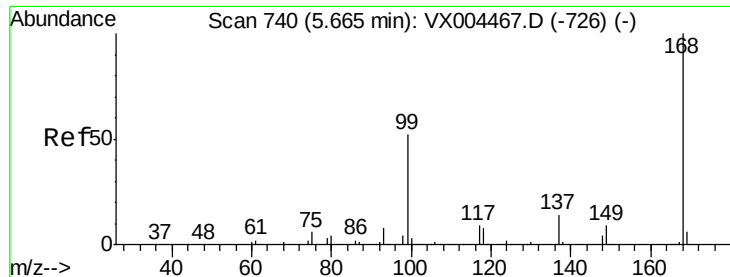
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 19 09:11:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004686.D

Acq: 19 Sep 2018 04:43

Instrument :

MSVOA_X

ClientSampleId :

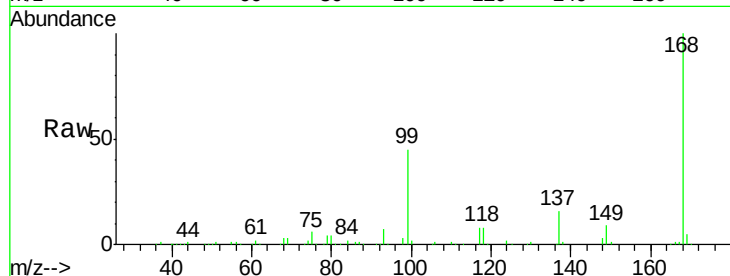
138-KV

Tot Ion:168 Resp: 247102

Ion Ratio Lower Upper

168 100

99 44.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

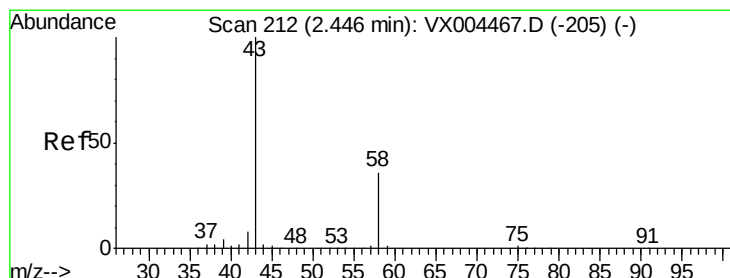
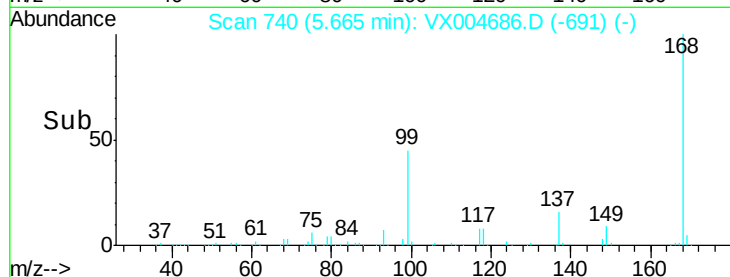
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.12 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004686.D

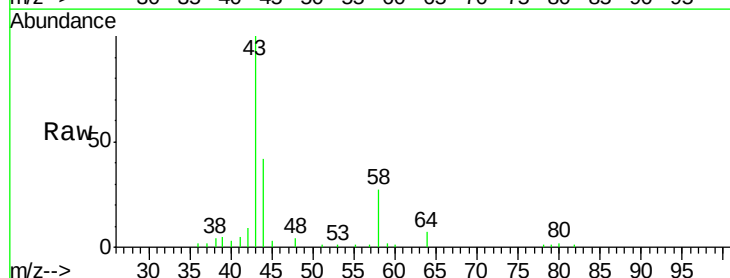
Acq: 19 Sep 2018 04:43

Tgt Ion: 43 Resp: 9524

Ion Ratio Lower Upper

43 100

58 28.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

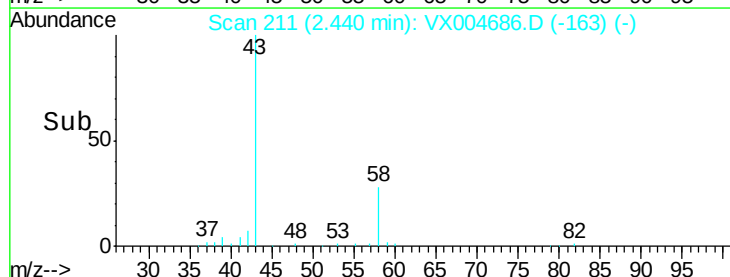
3000

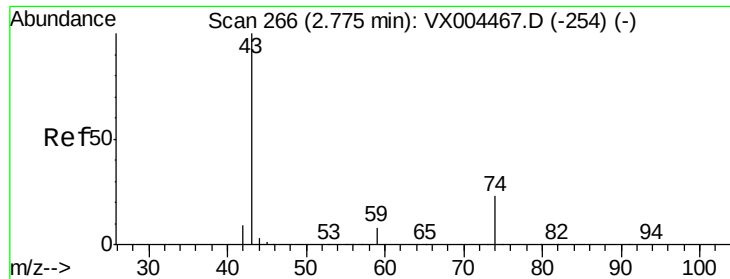
2000

1000

0

Time--> 2.40 2.45 2.50 2.55

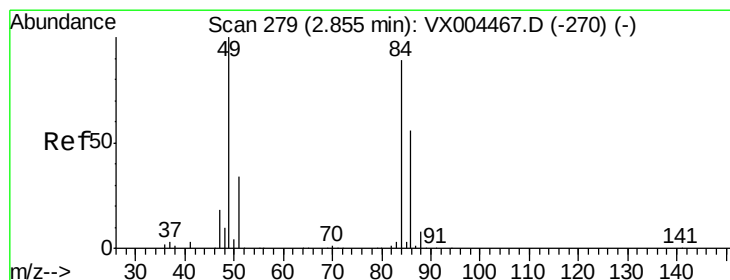
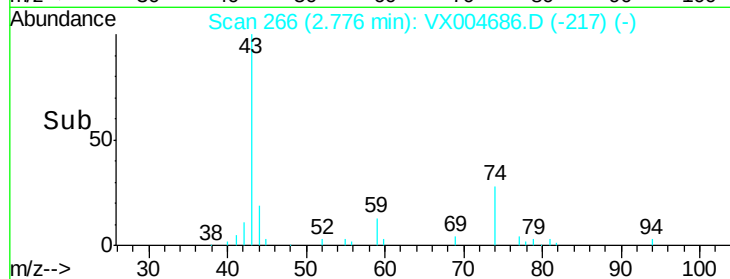
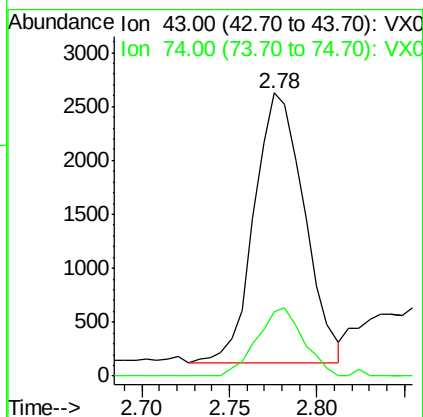
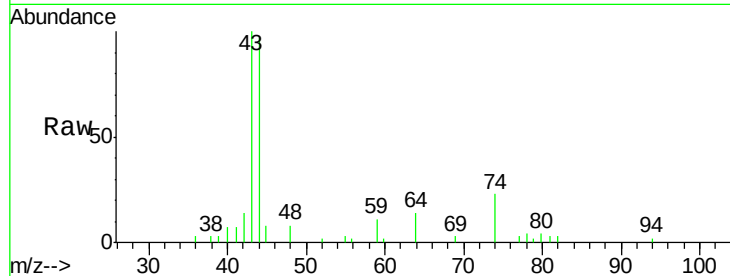




#18
Methyl Acetate
Concen: 1.15 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004686.D
Acq: 19 Sep 2018 04:43

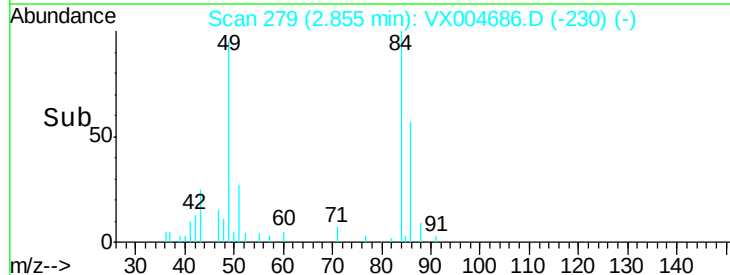
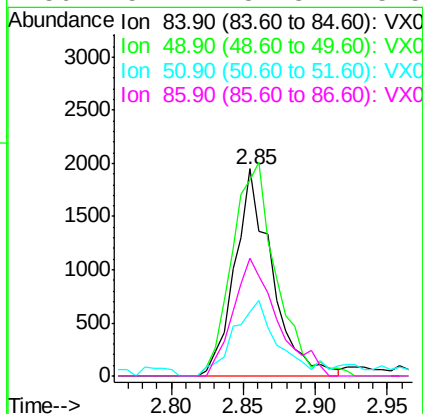
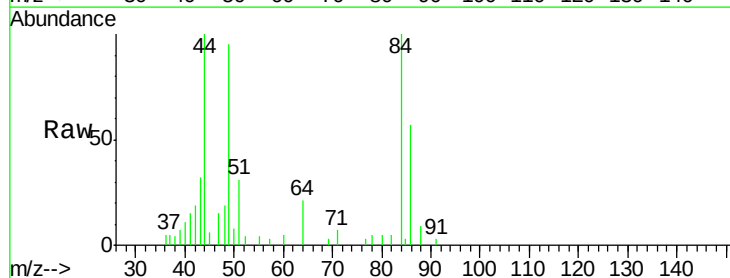
Instrument :
MSVOA_X
ClientSampled :
138-KV

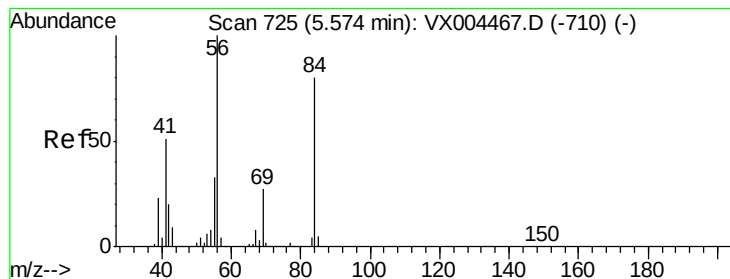
Tot Ion: 43 Resp: 5010
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2



#20
Methylene Chloride
Concen: 1.10 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004686.D
Acq: 19 Sep 2018 04:43

Tgt Ion: 84 Resp: 3511
Ion Ratio Lower Upper
84 100
49 94.9 101.2 151.8#
51 30.7 29.5 44.3
86 57.1 52.3 78.5





#31

Cyclohexane

Concen: 3.16 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004686.D

Acq: 19 Sep 2018 04:43

Instrument :

MSVOA_X

ClientSampleId :

138-KV

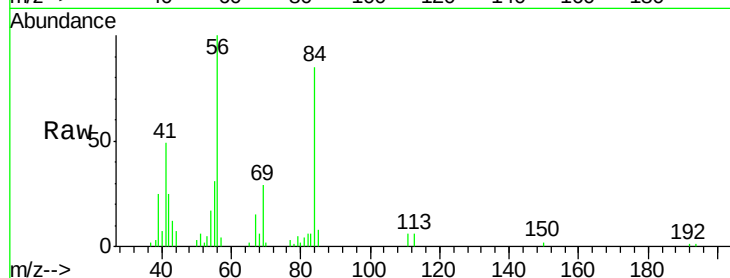
Tot Ion: 56 Resp: 14551

Ion Ratio Lower Upper

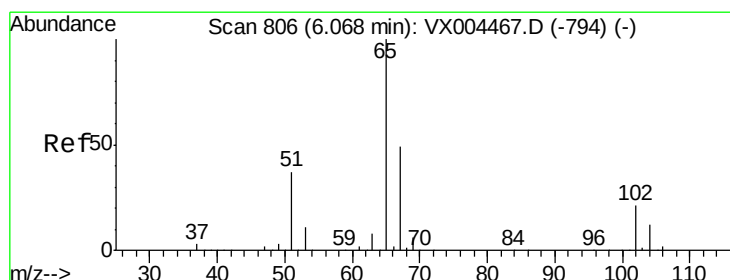
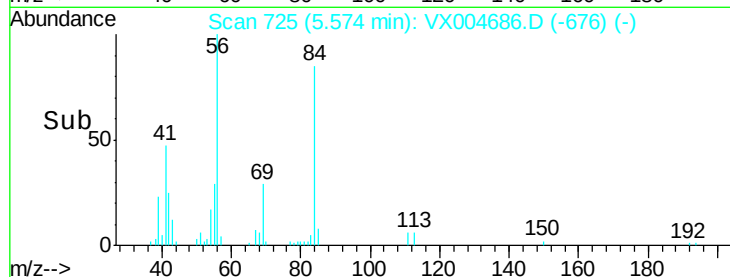
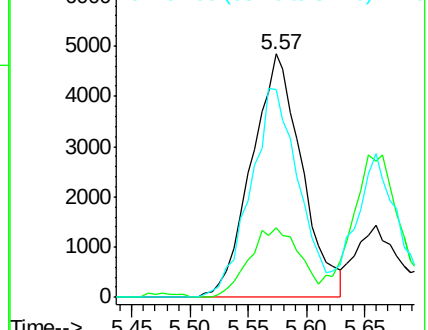
56 100

69 28.5 25.4 38.2

84 85.1 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.90 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004686.D

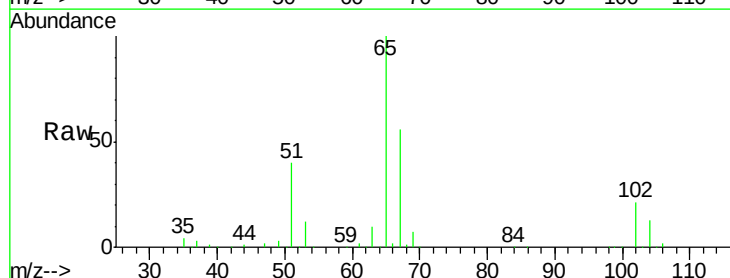
Acq: 19 Sep 2018 04:43

Tgt Ion: 65 Resp: 149443

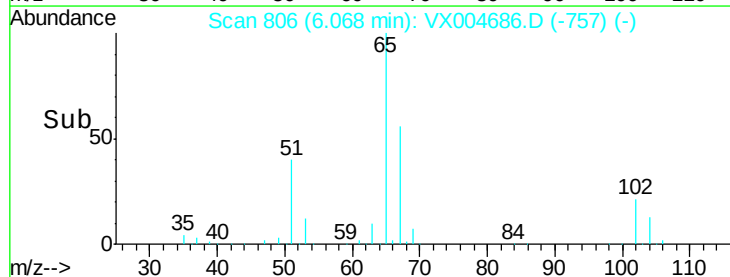
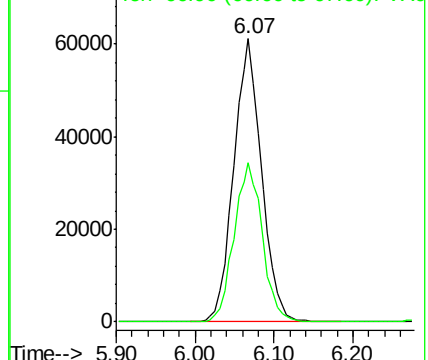
Ion Ratio Lower Upper

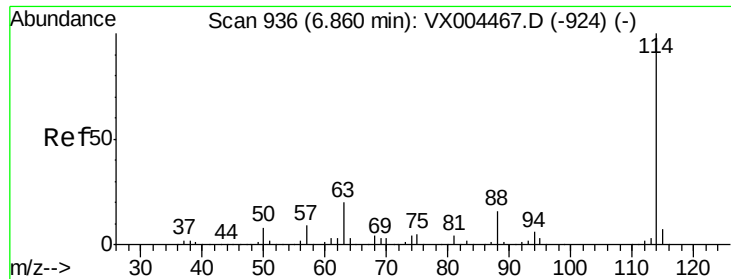
65 100

67 57.0 0.0 106.8



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004686.D

Acq: 19 Sep 2018 04:43

Instrument :

MSVOA_X

ClientSampleId :

138-KV

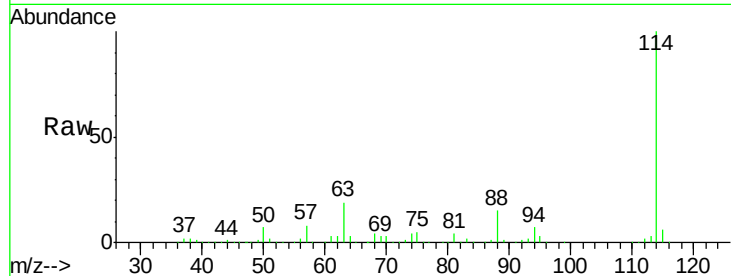
Tot Ion:114 Resp: 345473

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.0

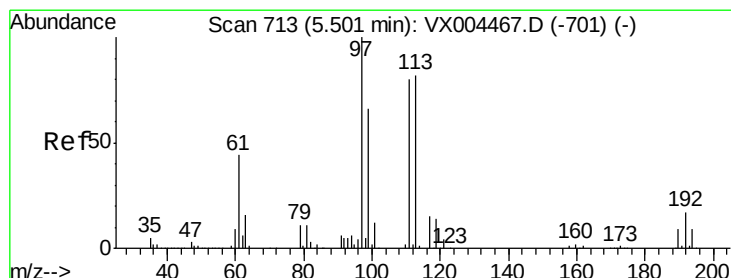
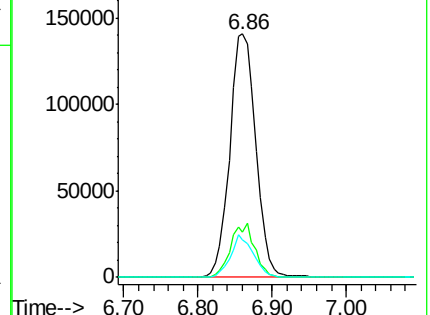
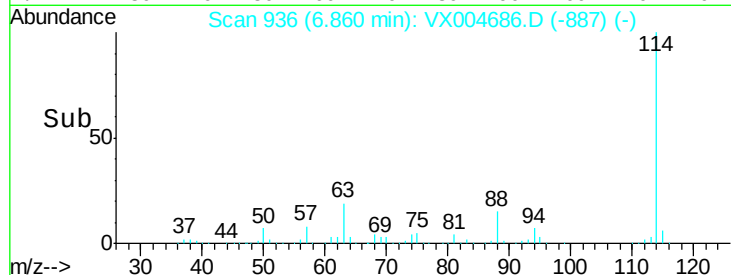
88 15.3 0.0 30.4



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: 45.57 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004686.D

Acq: 19 Sep 2018 04:43

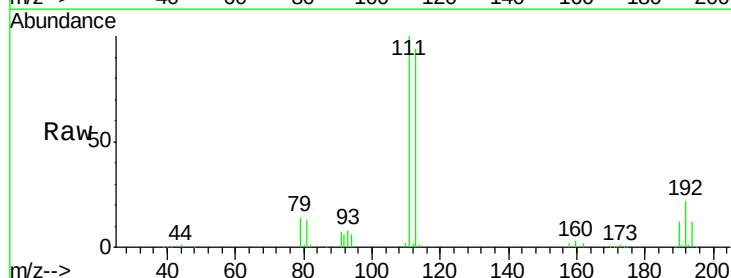
Tgt Ion:113 Resp: 144066

Ion Ratio Lower Upper

113 100

111 100.4 82.4 123.6

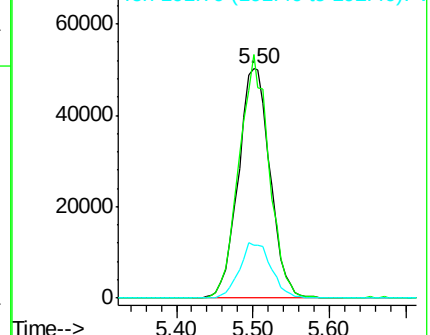
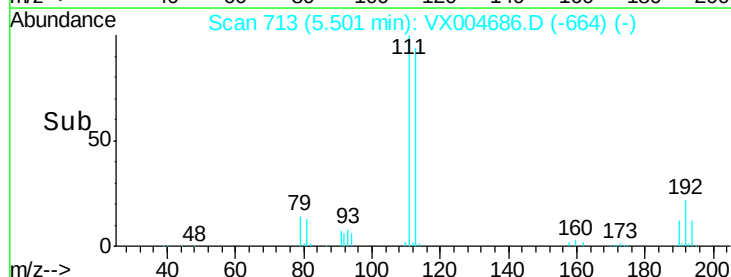
192 23.8 19.4 29.2

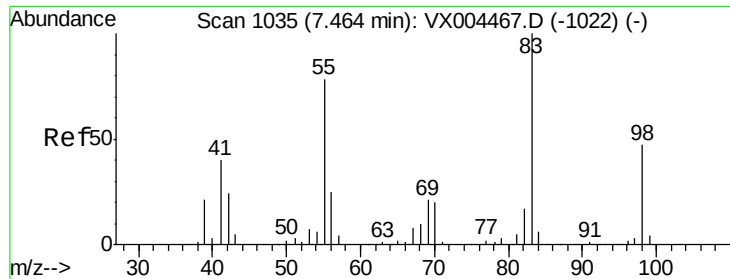


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

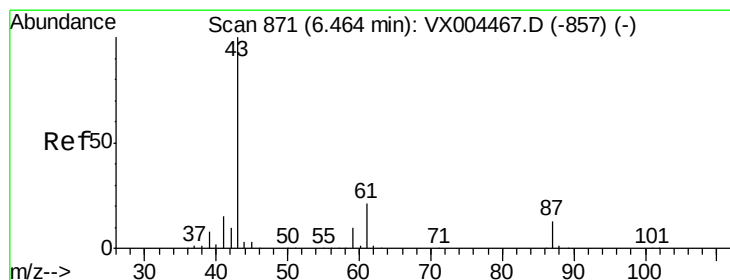
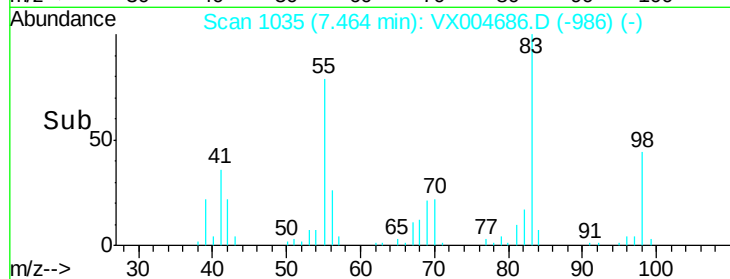
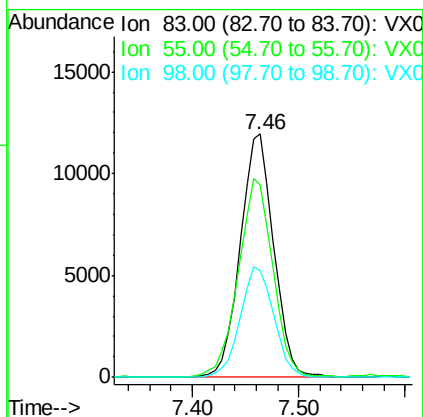
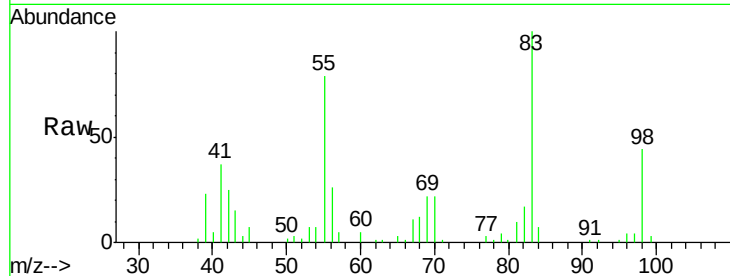




#39
Methvlcvclohexane
Concen: 6.02 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004686.D
Acq: 19 Sep 2018 04:43

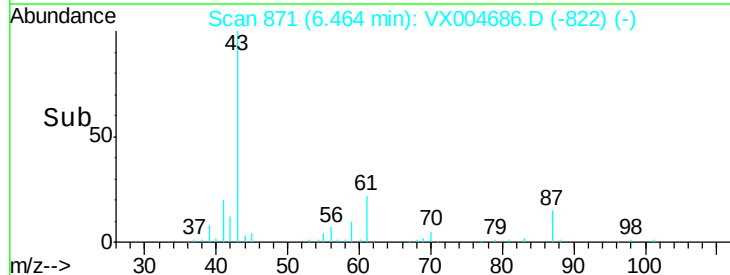
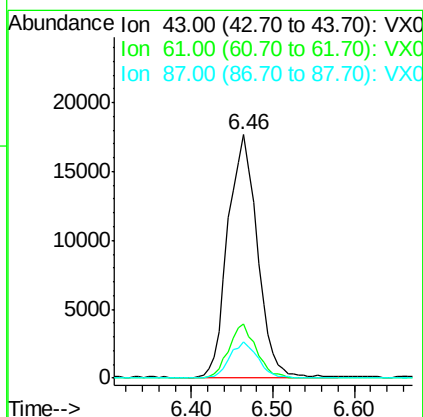
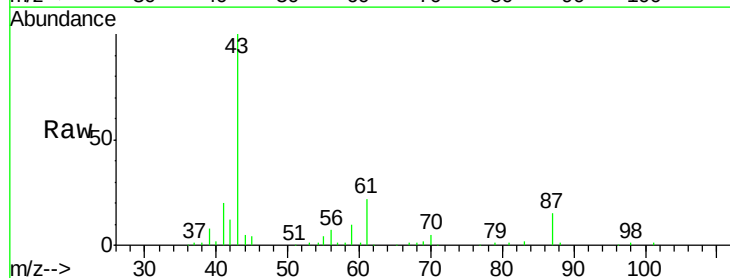
Instrument :
MSVOA_X
ClientSampleId :
138-KV

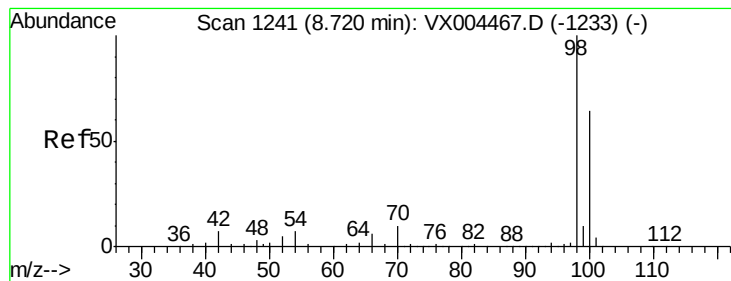
Tot Ion: 83 Resp: 26366
Ion Ratio Lower Upper
83 100
55 79.2 61.0 91.4
98 43.6 39.6 59.4



#43
Isopropyl Acetate
Concen: 7.04 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004686.D
Acq: 19 Sep 2018 04:43

Tgt Ion: 43 Resp: 44605
Ion Ratio Lower Upper
43 100
61 20.4 17.0 25.4
87 14.0 11.4 17.2





#50

Toluene-d8

Concen: 45.36 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004686.D

Acq: 19 Sep 2018 04:43

Instrument :

MSVOA_X

ClientSampleId :

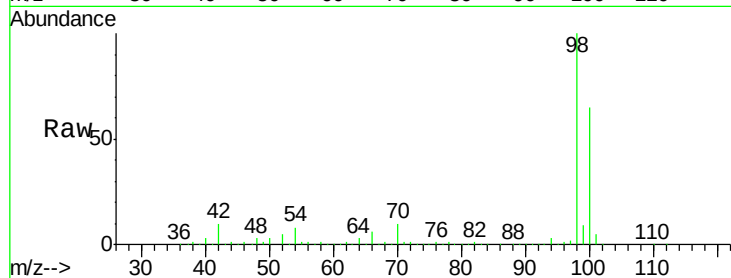
138-KV

Tot Ion: 98 Resp: 480864

Ion Ratio Lower Upper

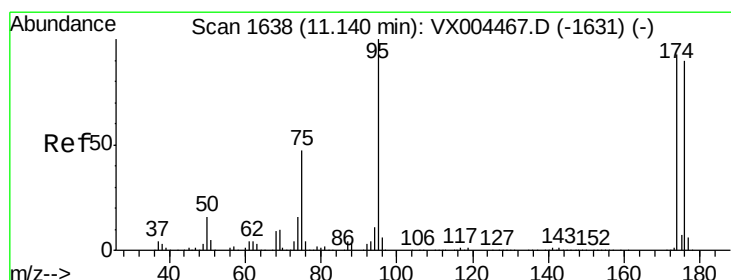
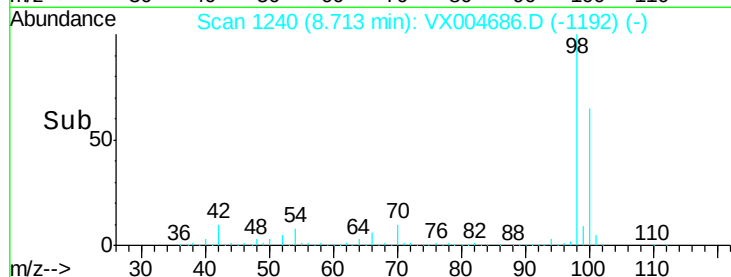
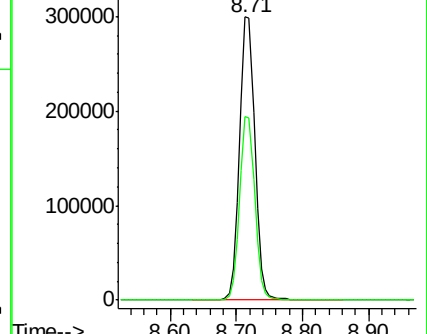
98 100

100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.50 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004686.D

Acq: 19 Sep 2018 04:43

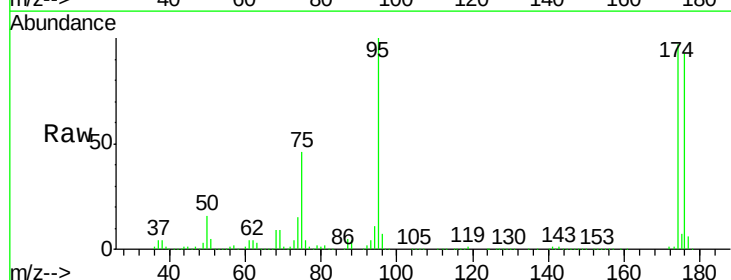
Tgt Ion: 95 Resp: 172189

Ion Ratio Lower Upper

95 100

174 93.8 0.0 185.2

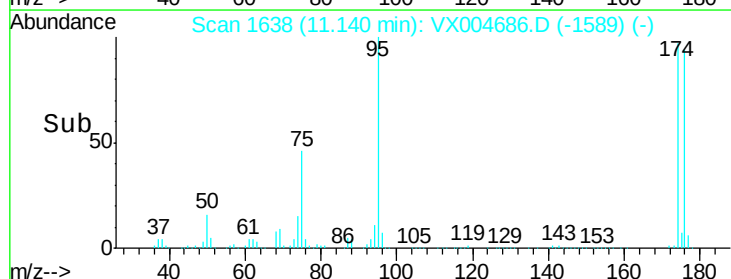
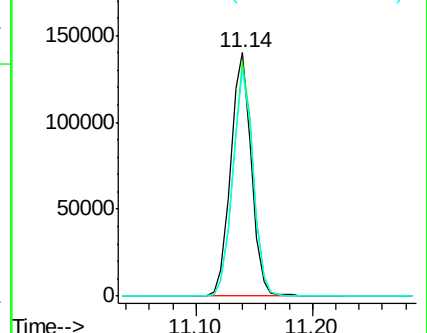
176 91.4 0.0 178.6

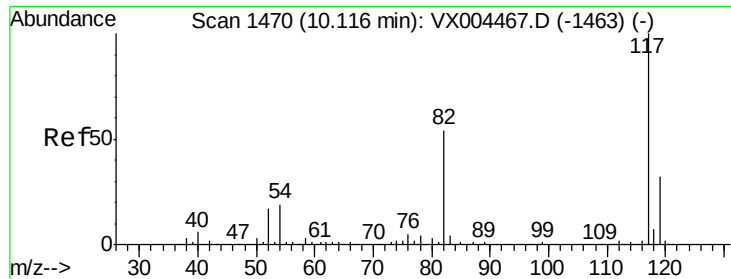


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

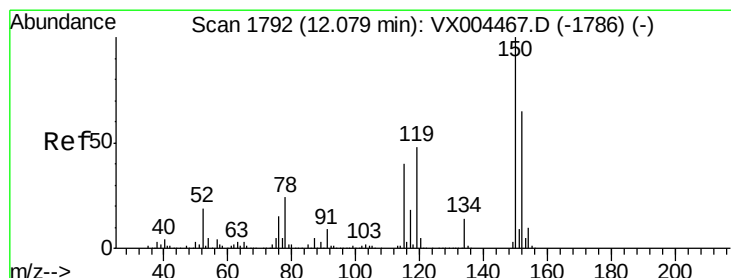
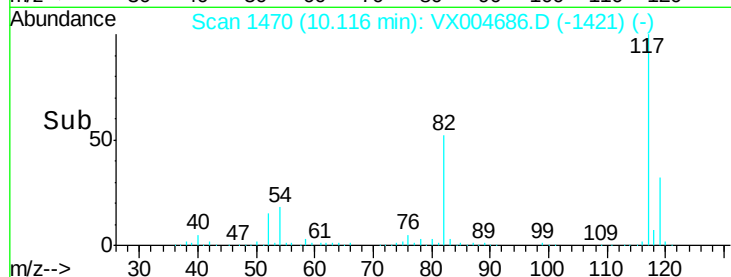
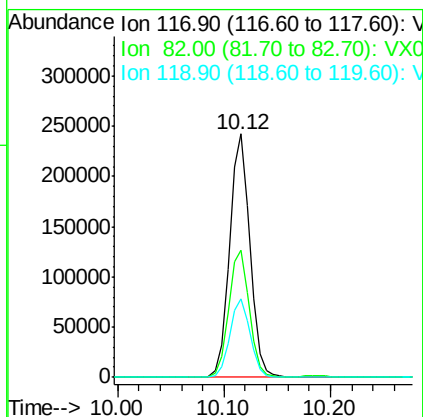
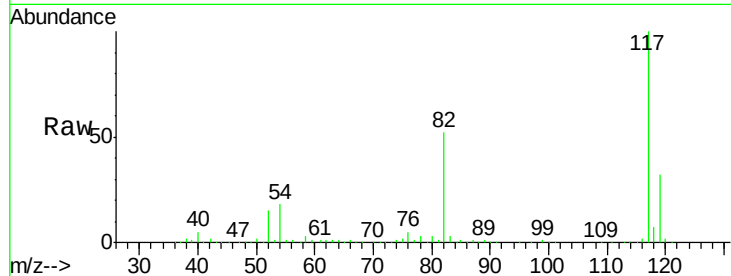




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004686.D
Acq: 19 Sep 2018 04:43

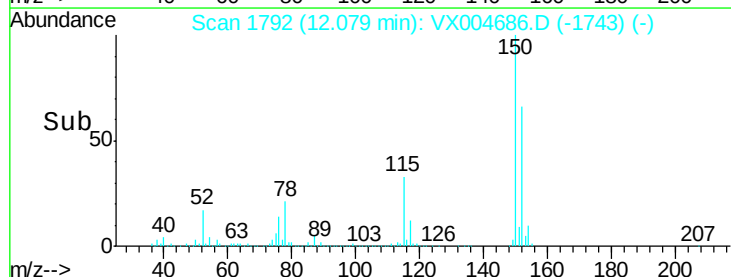
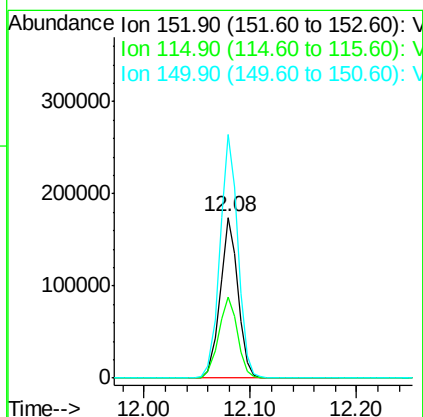
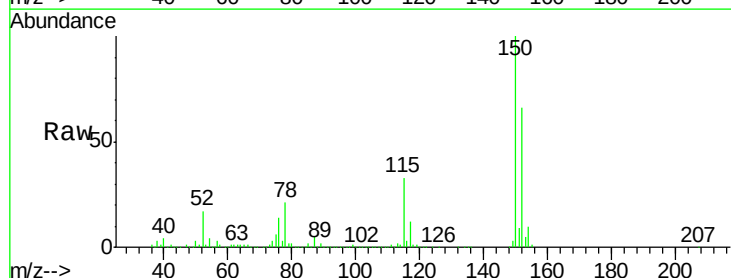
Instrument :
MSVOA_X
ClientSampled :
138-KV

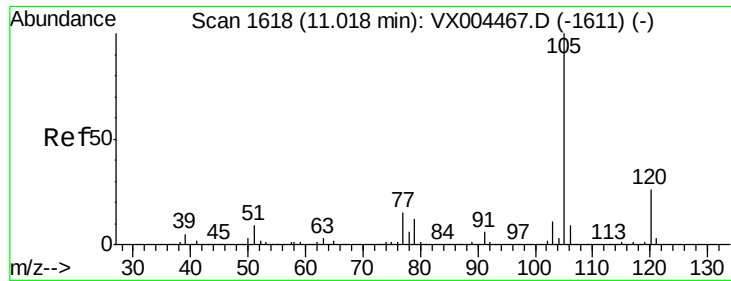
Tot Ion:117 Resp: 323390
Ion Ratio Lower Upper
117 100
82 52.1 47.8 71.6
119 32.2 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004686.D
Acq: 19 Sep 2018 04:43

Tgt Ion:152 Resp: 202475
Ion Ratio Lower Upper
152 100
115 53.1 39.0 117.0
150 153.4 0.0 351.0





#73

Isopropylbenzene

Concen: 2.03 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004686.D

Acq: 19 Sep 2018 04:43

Instrument :

MSVOA_X

ClientSampleId :

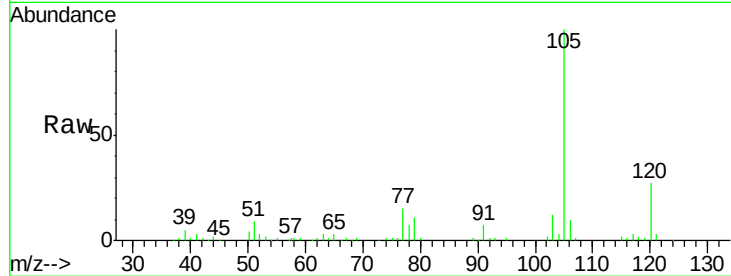
138-KV

Tot Ion:105 Resp: 27039

Ion Ratio Lower Upper

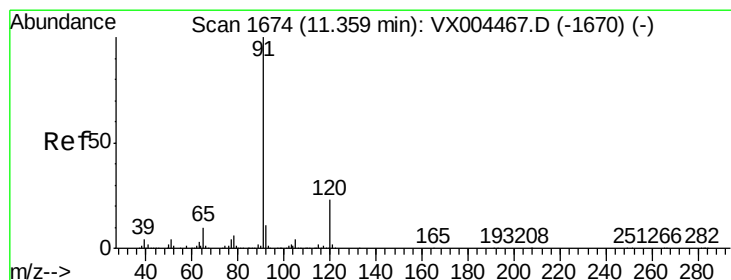
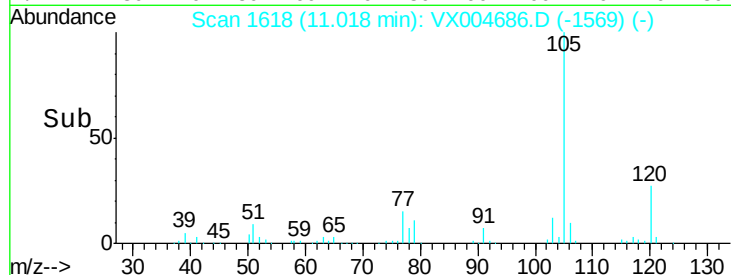
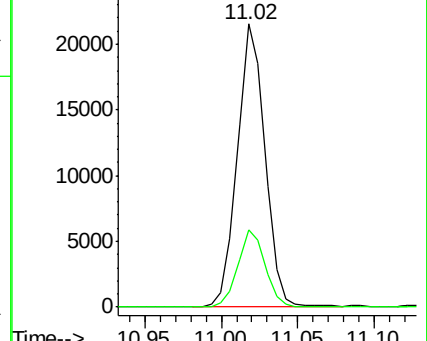
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.99 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004686.D

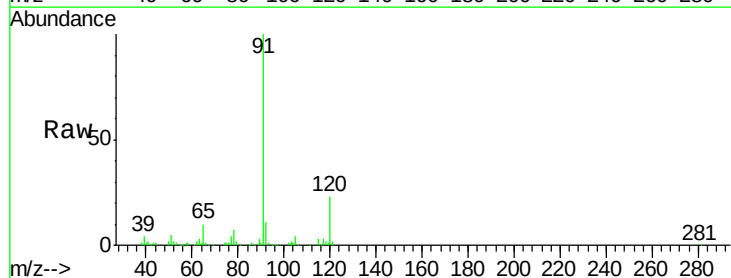
Acq: 19 Sep 2018 04:43

Tgt Ion: 91 Resp: 30527

Ion Ratio Lower Upper

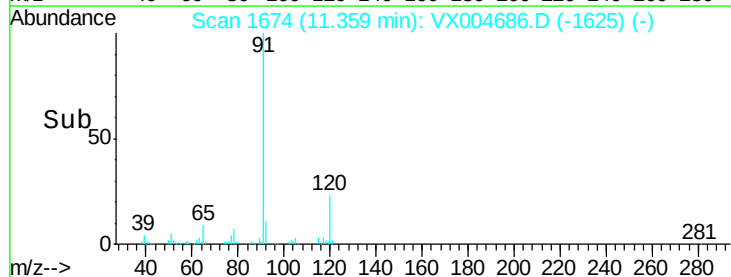
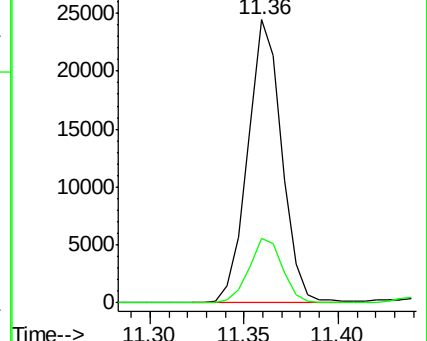
91 100

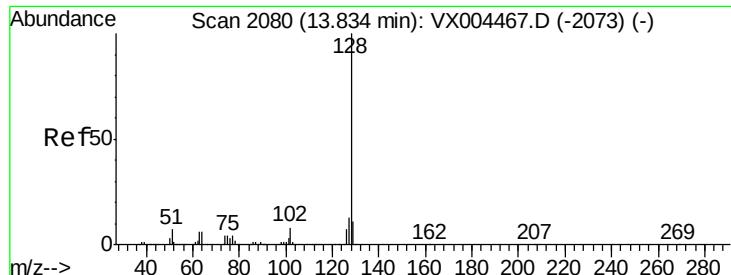
120 22.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.68 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004686.D

Acq: 19 Sep 2018 04:43

Instrument :

MSVOA_X

ClientSampleId :

138-KV

Tot Ion:128 Resp: 23169

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 17.4 8.6 12.8#

