

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005694.D
 Acq On : 30 Oct 2018 16:20
 Operator : JC/MD
 Sample : J5194-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-102618-C

Quant Time: Oct 31 01:58:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

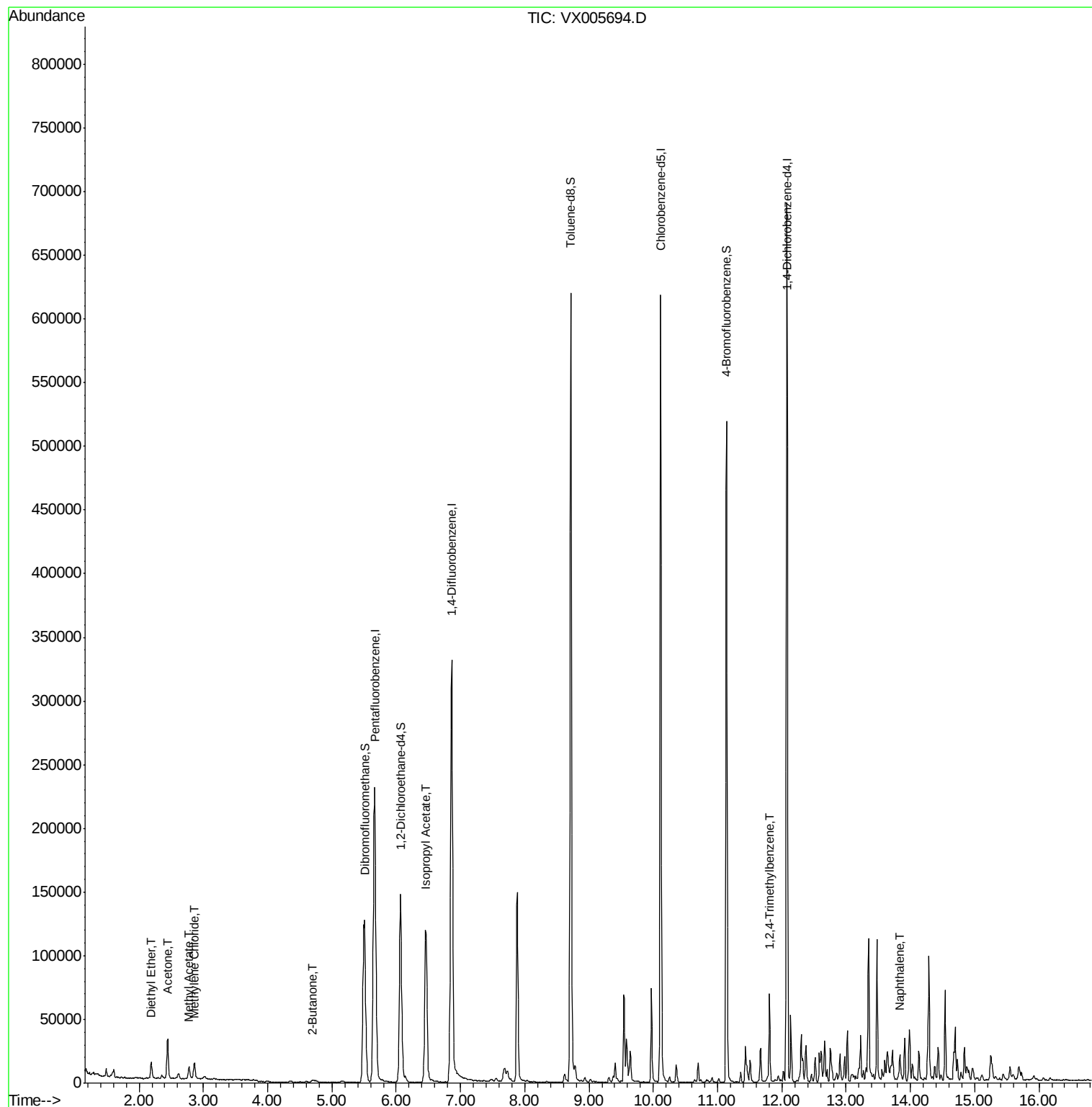
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136817	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
35) Dibromofluoromethane	5.51	113	111114	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	8.71	98	377105	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	128602	42.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.80%	
Target Compounds						Qvalue
8) Diethyl Ether	2.19	74	4080	2.55	ug/l	92
16) Acetone	2.45	43	31923	21.23	ug/l	94
18) Methyl Acetate	2.78	43	11172	1.59	ug/l	100
20) Methylene Chloride	2.86	84	5562	2.21	ug/l	97
25) 2-Butanone	4.70	43	3574	1.56	ug/l	92
43) Isopropyl Acetate	6.47	43	169338	27.64	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	28698	3.71	ug/l	99
95) Naphthalene	13.83	128	11673	1.17	ug/l #	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
Data File : VX005694.D
Acq On : 30 Oct 2018 16:20
Operator : JC/MD
Sample : J5194-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

Quant Time: Oct 31 01:58:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 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: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

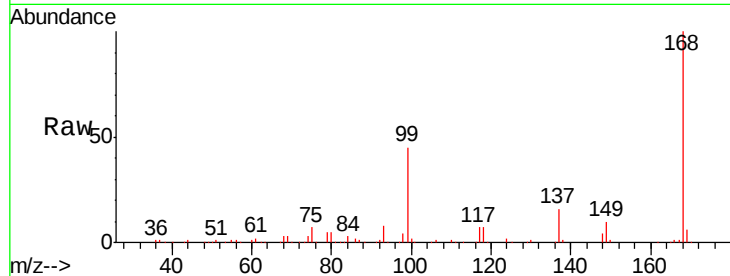
HR-05-102618-C

Tgt Ion:168 Resp: 233150

Ion Ratio Lower Upper

168 100

99 44.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

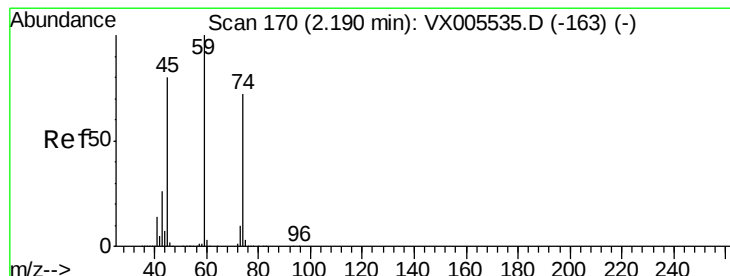
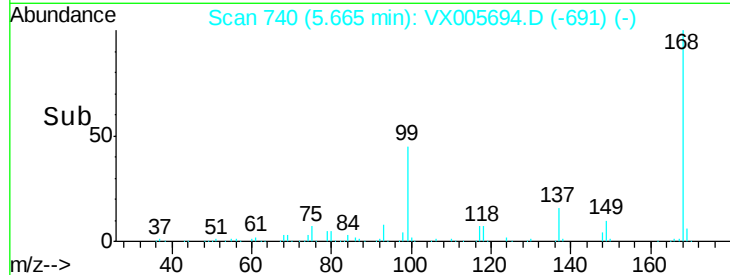
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 2.55 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005694.D

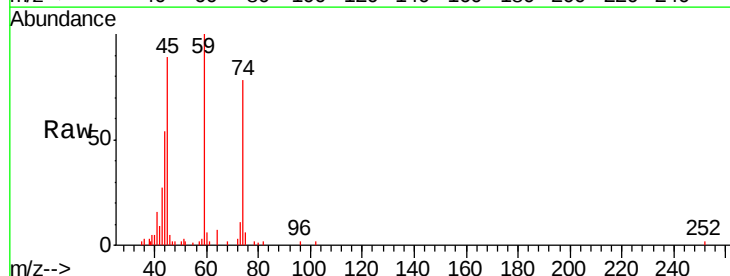
Acq: 30 Oct 2018 16:20

Tgt Ion: 74 Resp: 4080

Ion Ratio Lower Upper

74 100

45 116.3 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

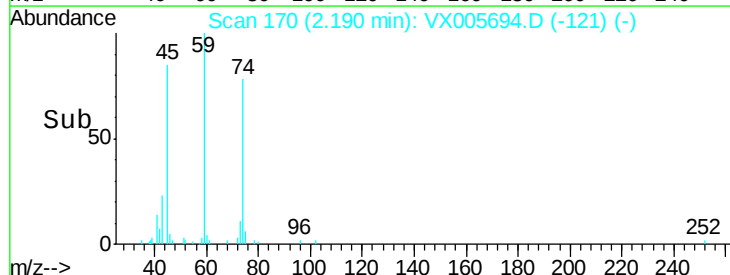
3000

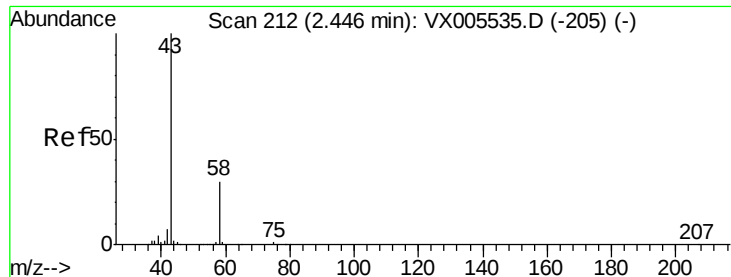
2000

1000

0

Time--> 2.10 2.15 2.20 2.25





#16

Acetone

Concen: 21.23 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

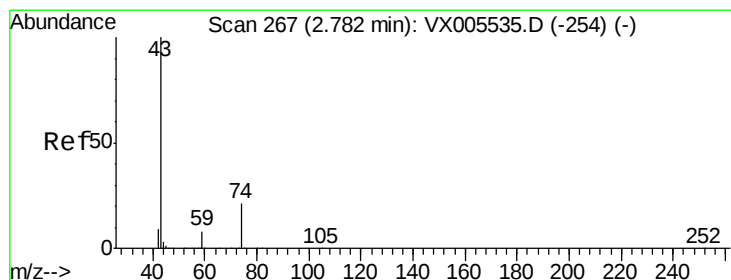
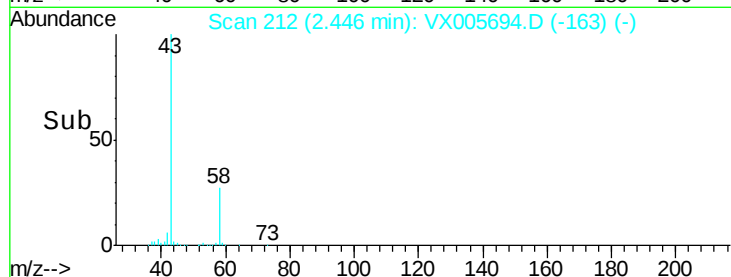
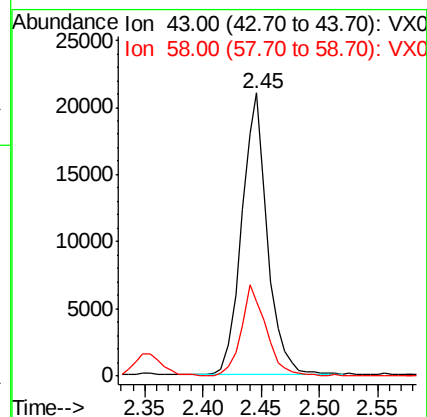
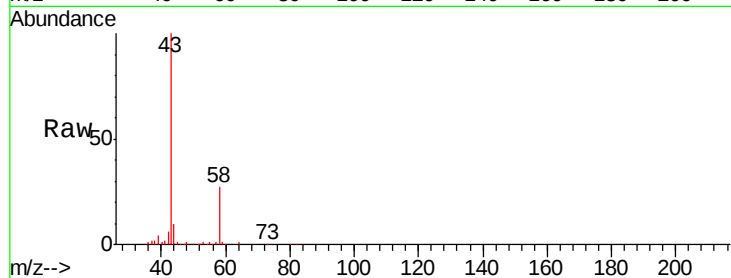
HR-05-102618-C

Tgt Ion: 43 Resp: 31923

Ion Ratio Lower Upper

43 100

58 26.5 23.8 35.6



#18

Methyl Acetate

Concen: 1.59 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005694.D

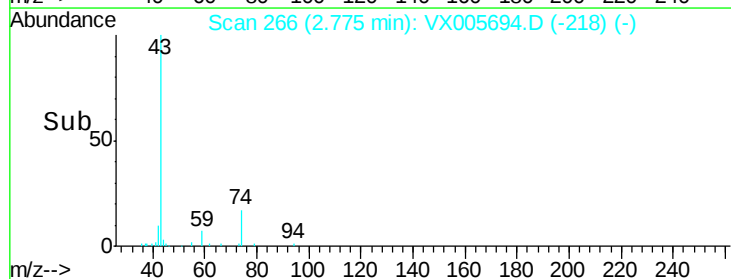
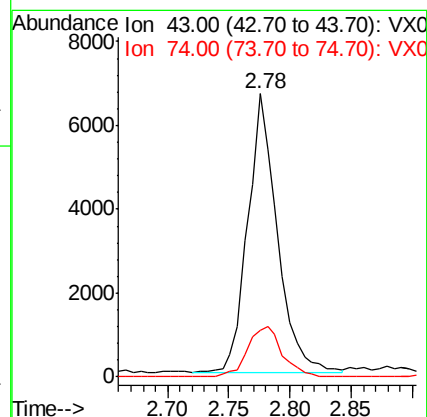
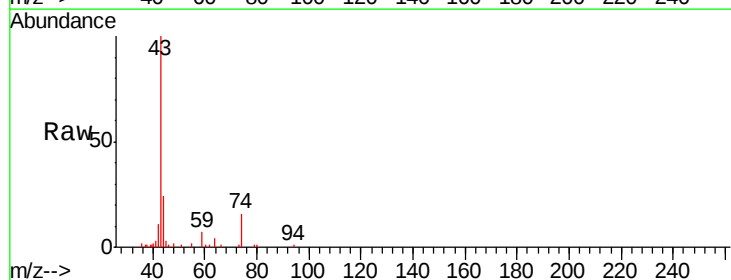
Acq: 30 Oct 2018 16:20

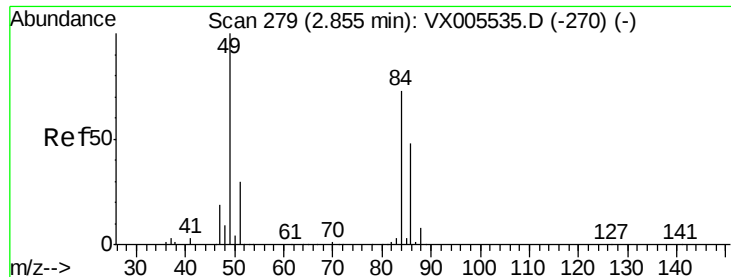
Tgt Ion: 43 Resp: 11172

Ion Ratio Lower Upper

43 100

74 21.0 16.8 25.2





#20

Methylene Chloride

Concen: 2.21 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

HR-05-102618-C

Tgt Ion: 84 Resp: 5562

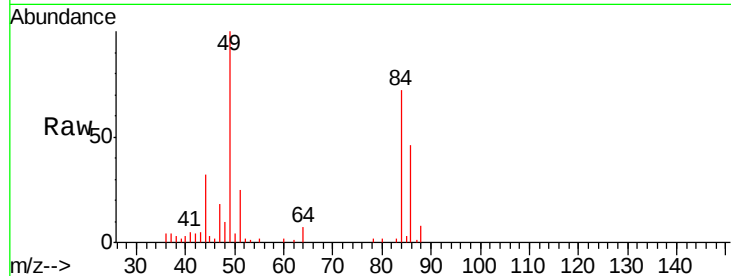
Ion Ratio Lower Upper

84 100

49 136.7 109.5 164.3

51 34.2 33.3 49.9

86 64.4 52.7 79.1

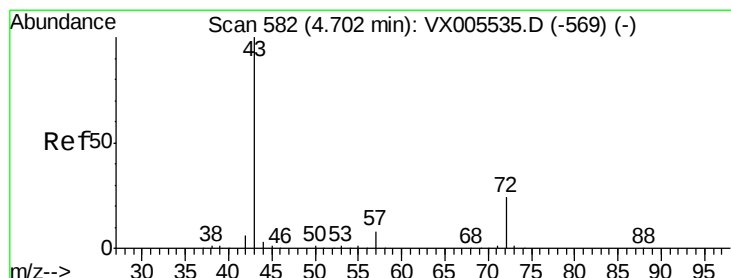
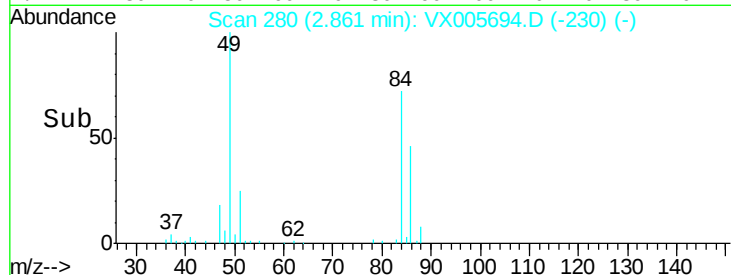
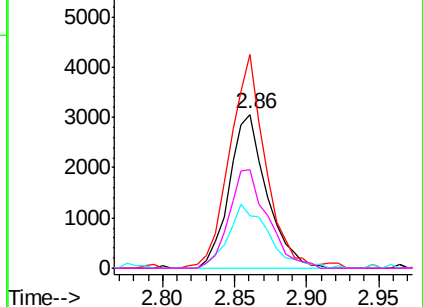


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.56 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005694.D

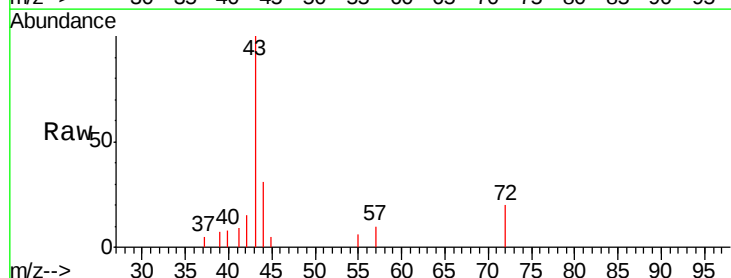
Acq: 30 Oct 2018 16:20

Tgt Ion: 43 Resp: 3574

Ion Ratio Lower Upper

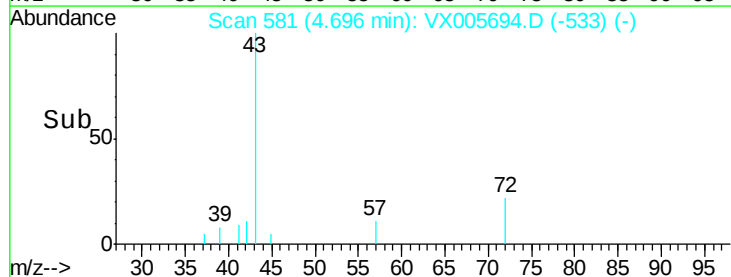
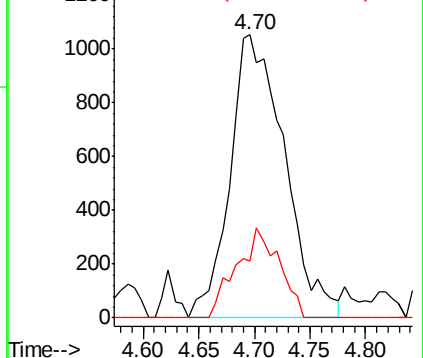
43 100

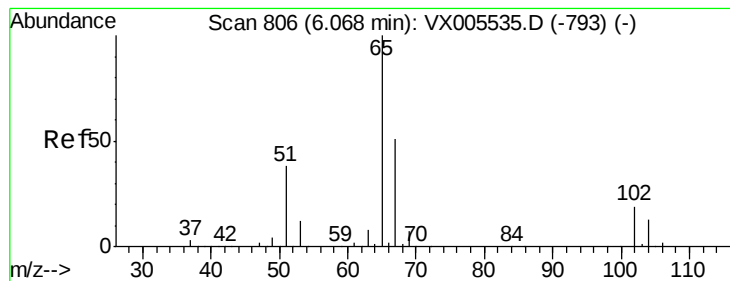
72 20.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.07 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

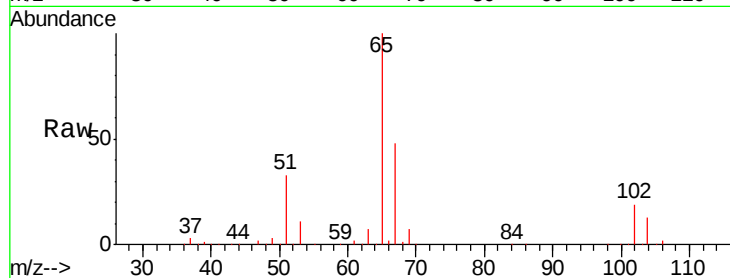
HR-05-102618-C

Tgt Ion: 65 Resp: 136817

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

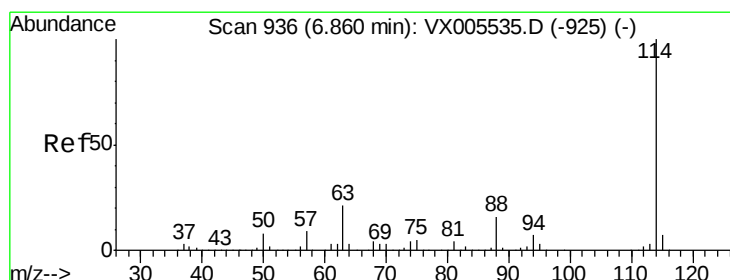
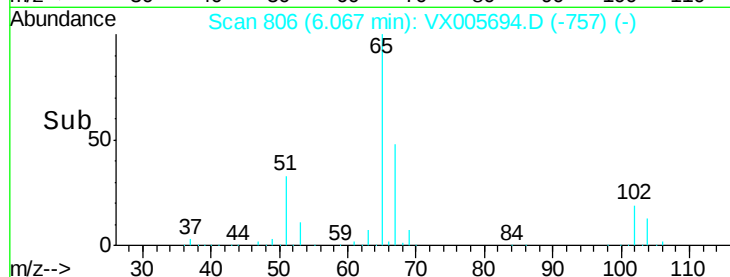
40000

20000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

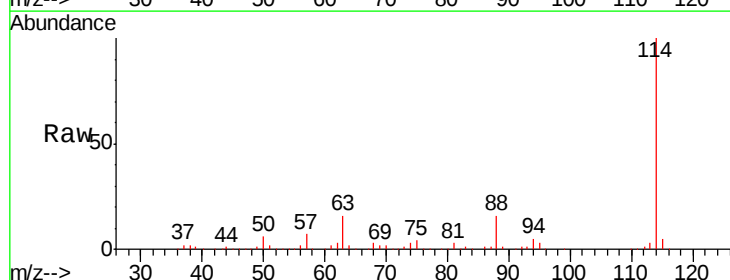
Tgt Ion: 114 Resp: 330140

Ion Ratio Lower Upper

114 100

63 15.9 0.0 42.8

88 15.8 0.0 31.2



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

6.87

200000

150000

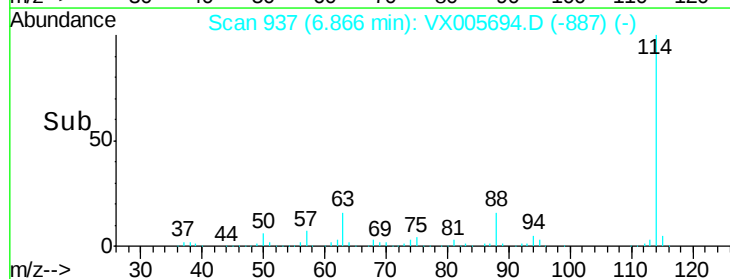
100000

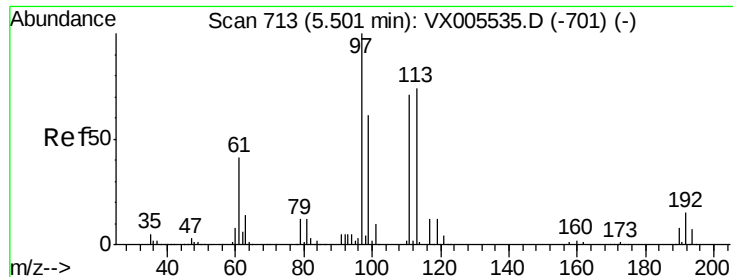
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 49.71 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

HR-05-102618-C

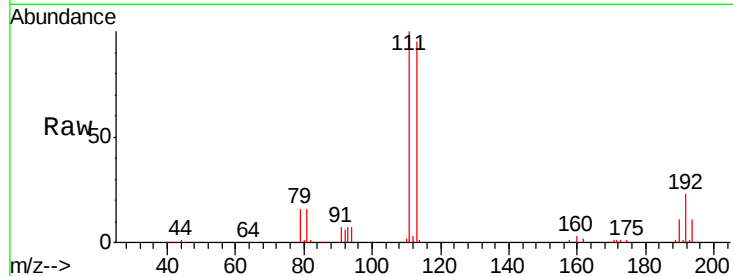
Tgt Ion:113 Resp: 111114

Ion Ratio Lower Upper

113 100

111 99.8 82.3 123.5

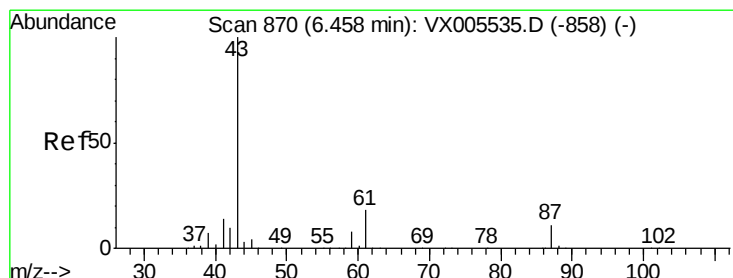
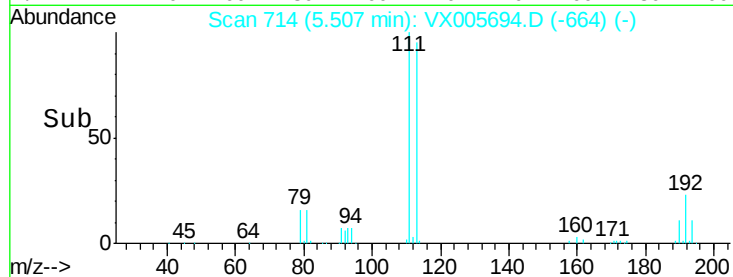
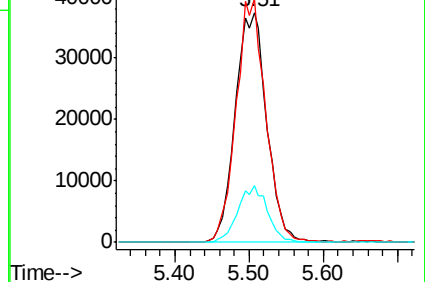
192 23.0 17.9 26.9



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



#43

Isopropyl Acetate

Concen: 27.64 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

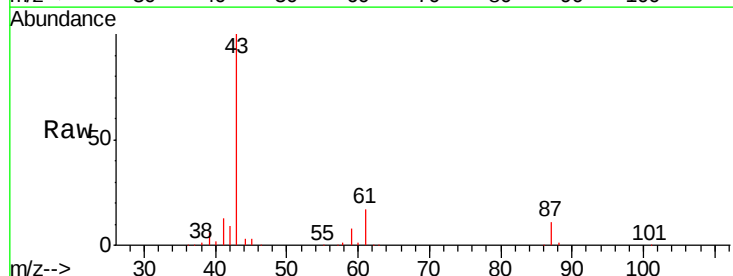
Tgt Ion: 43 Resp: 169338

Ion Ratio Lower Upper

43 100

61 18.4 14.6 22.0

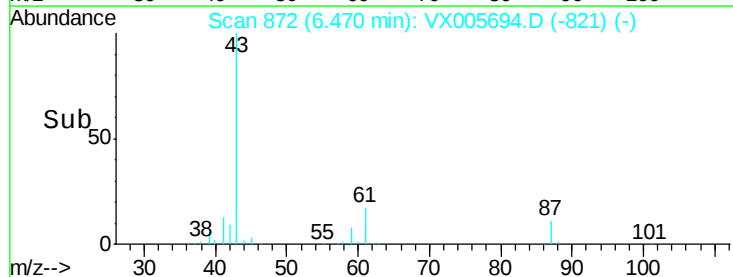
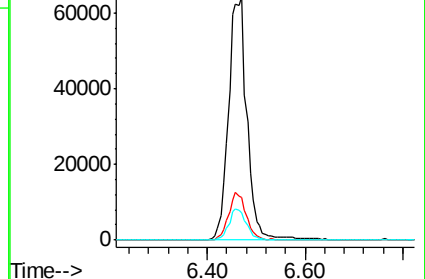
87 12.3 9.6 14.4

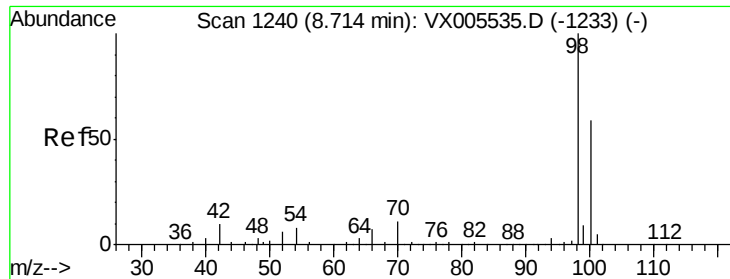


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 46.95 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

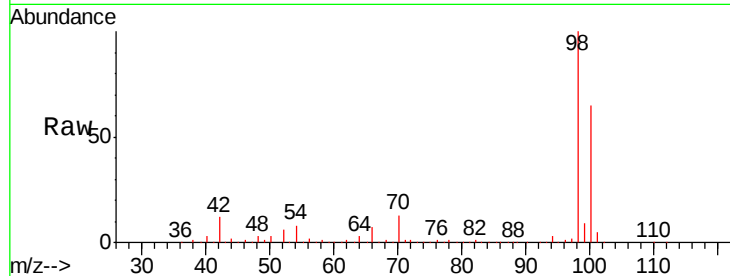
HR-05-102618-C

Tgt Ion: 98 Resp: 377105

Ion Ratio Lower Upper

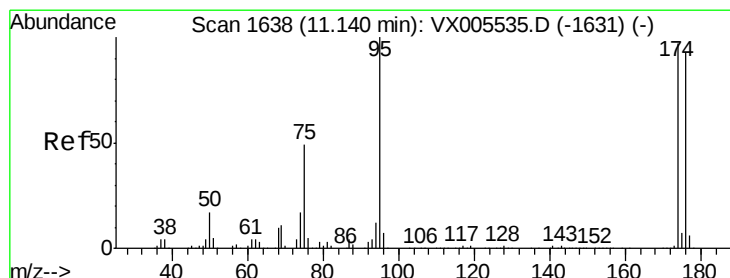
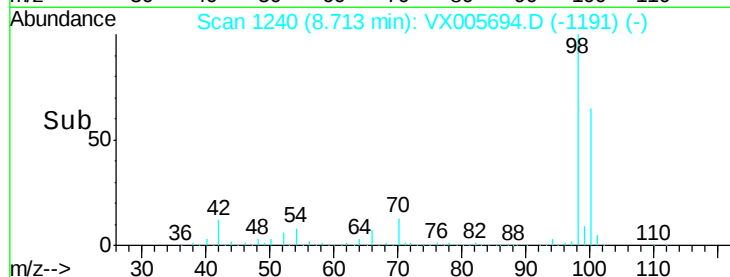
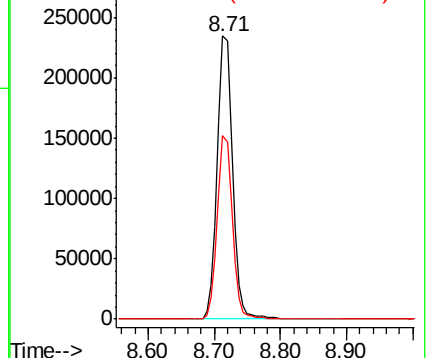
98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 42.40 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

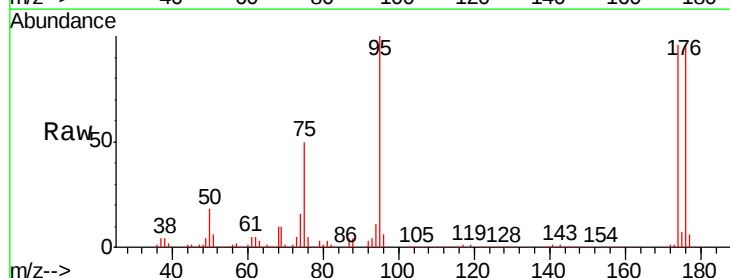
Tgt Ion: 95 Resp: 128602

Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.4

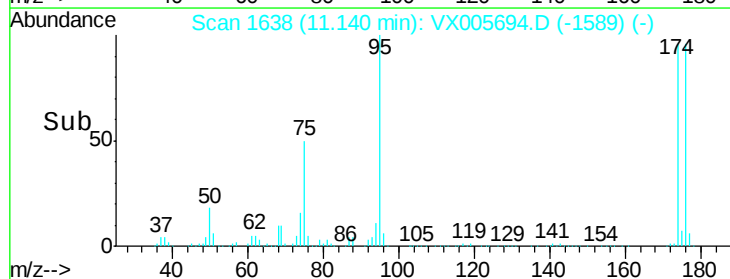
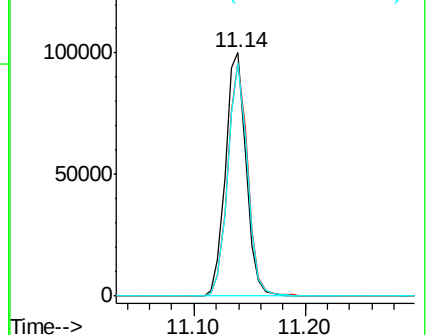
176 90.7 0.0 177.4

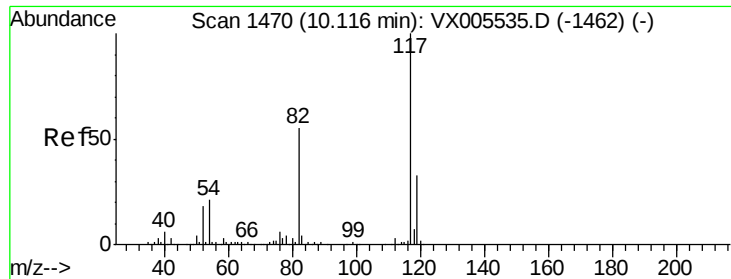


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

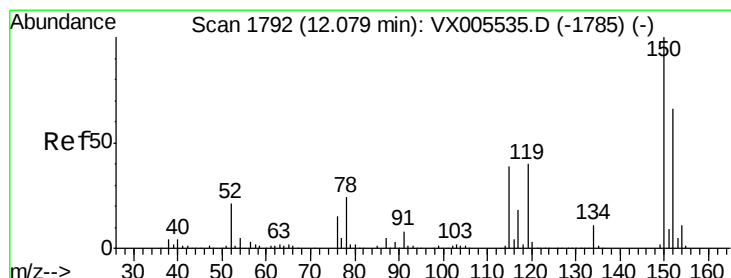
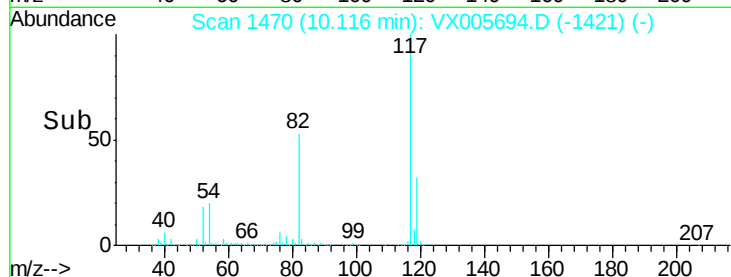
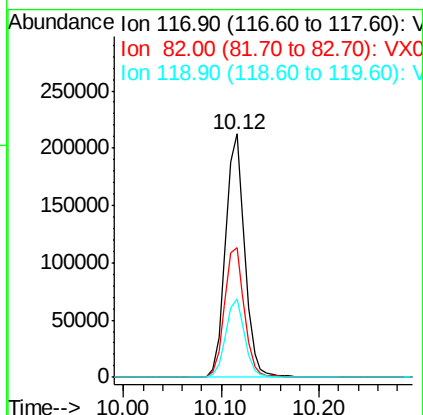
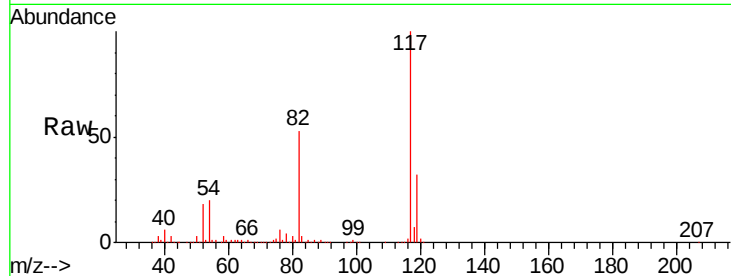




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

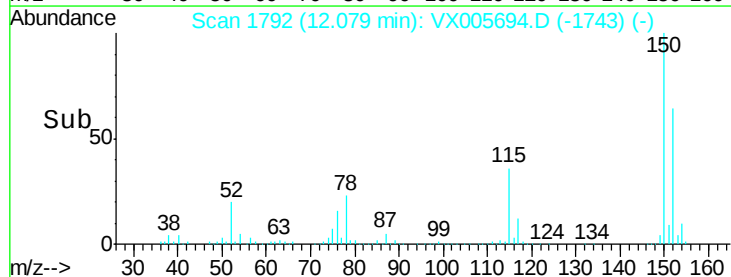
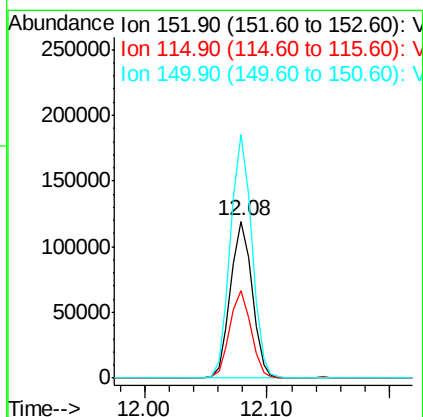
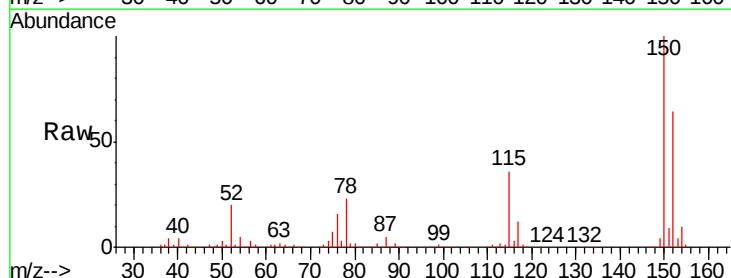
Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

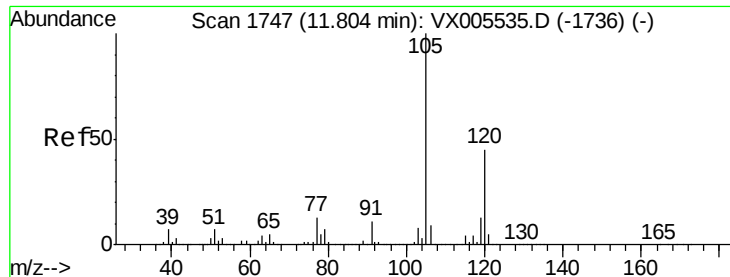
Tgt Ion:117 Resp: 289814
Ion Ratio Lower Upper
117 100
82 53.4 44.1 66.1
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Tgt Ion:152 Resp: 145763
Ion Ratio Lower Upper
152 100
115 54.6 39.4 118.1
150 153.7 0.0 346.4

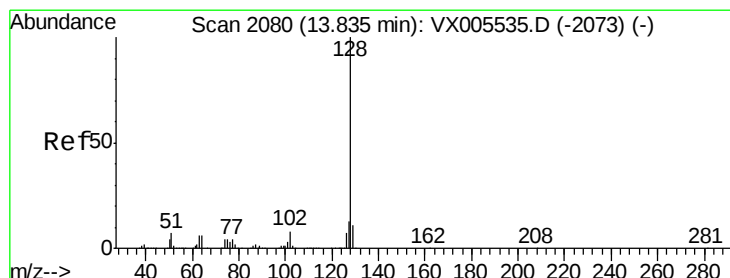
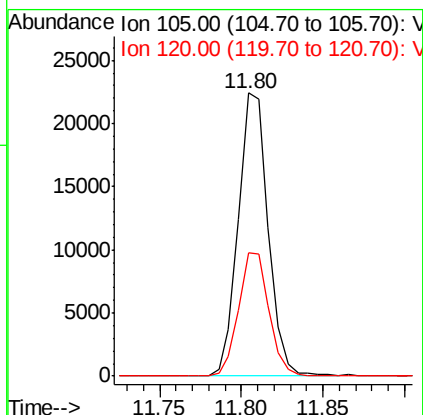
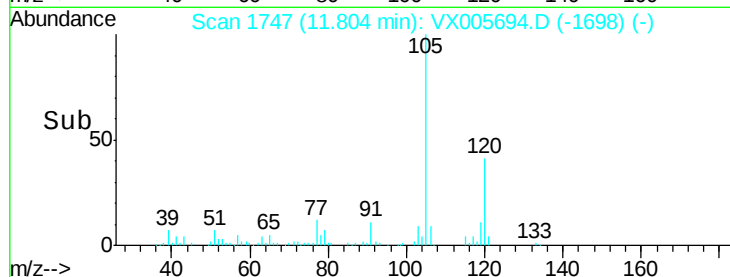
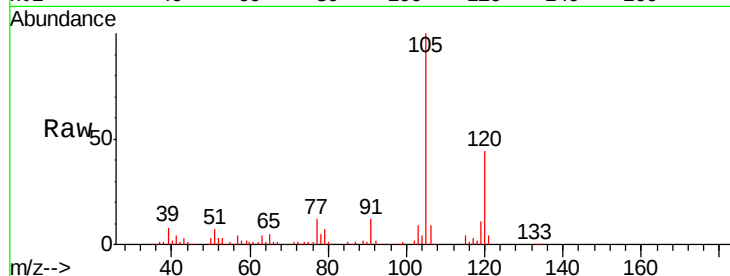




#84
 1,2,4-Trimethylbenzene
 Concen: 3.71 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005694.D
 Acq: 30 Oct 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-102618-C

Tgt Ion:105 Resp: 28698
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.0



#95
 Naphthalene
 Concen: 1.17 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005694.D
 Acq: 30 Oct 2018 16:20

Tgt Ion:128 Resp: 11673
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.4 15.6
 129 15.1 8.7 13.1#

