

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004707.D
 Acq On : 19 Sep 2018 15:52
 Operator : JC/MD
 Sample : J4939-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Sep 20 13:06:32 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	215580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	143965	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
35) Dibromofluoromethane	5.50	113	123698	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
50) Toluene-d8	8.71	98	455521	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
62) 4-Bromofluorobenzene	11.14	95	158526	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	

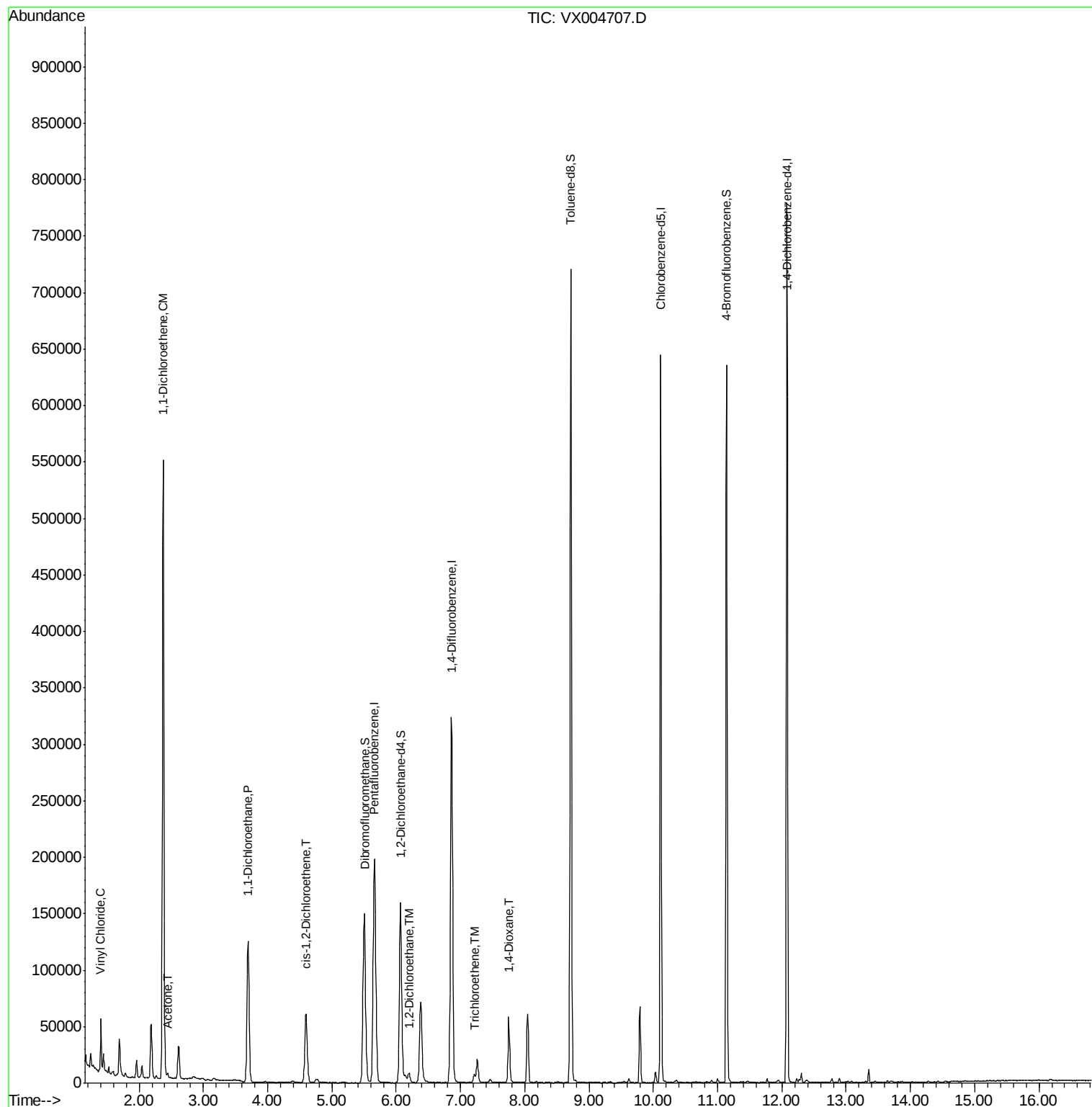
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	29752	10.43	ug/l	99
12) 1,1-Dichloroethene	2.37	96	194413	86.31	ug/l	94
16) Acetone	2.45	43	3710	2.73	ug/l	89
24) 1,1-Dichloroethane	3.70	63	143945	30.57	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	41368	14.89	ug/l	89
42) 1,2-Dichloroethane	6.20	62	9081	2.23	ug/l	99
44) Trichloroethene	7.22	130	3174	1.00	ug/l	86
49) 1,4-Dioxane	7.75	88	43363	593.04	ug/l #	95

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004707.D

Acq: 19 Sep 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

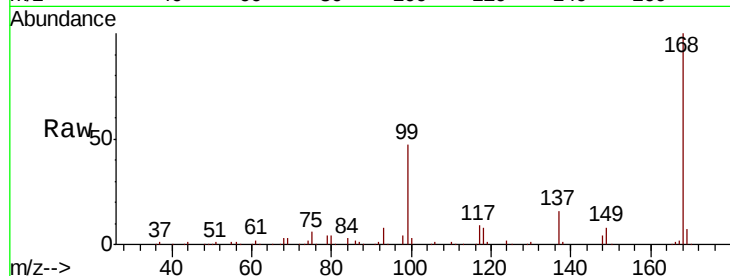
DUP-1

Tot Ion:168 Resp: 215580

Ion Ratio Lower Upper

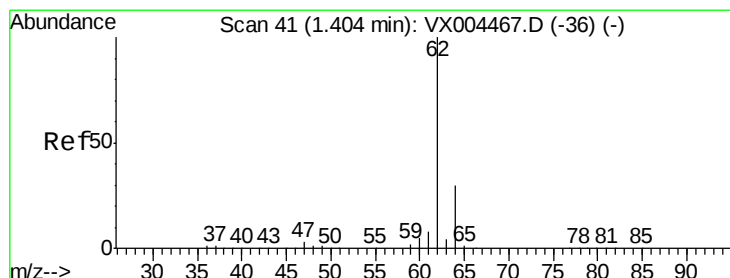
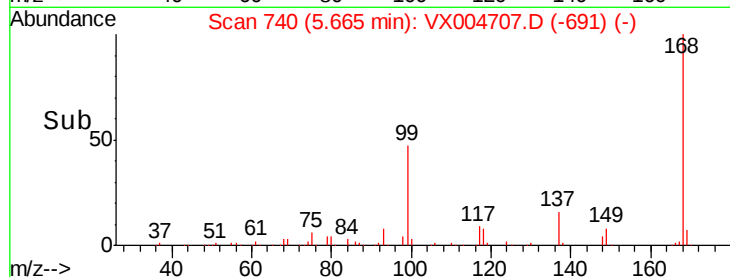
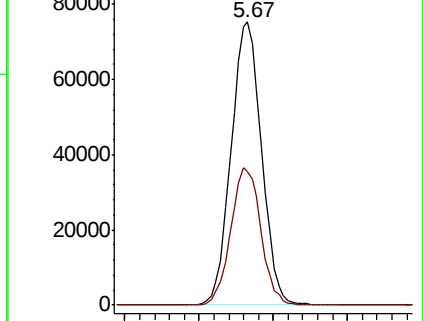
168 100

99 47.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 10.43 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004707.D

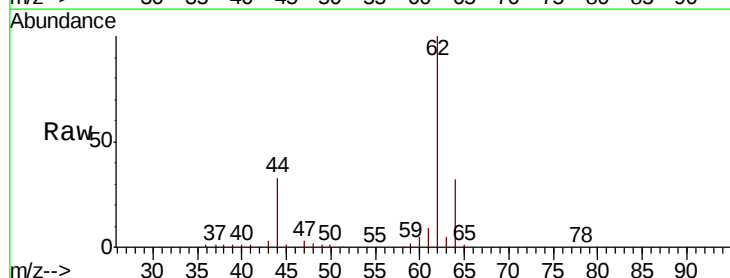
Acq: 19 Sep 2018 15:52

Tgt Ion: 62 Resp: 29752

Ion Ratio Lower Upper

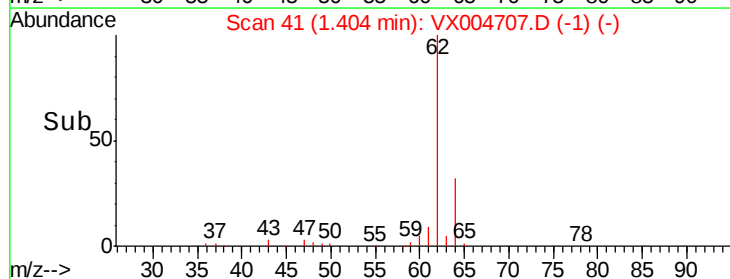
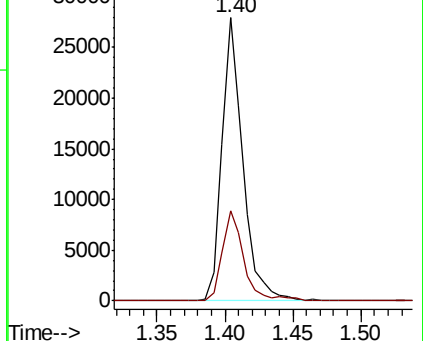
62 100

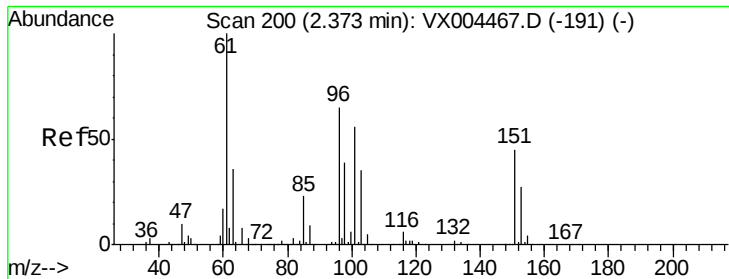
64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

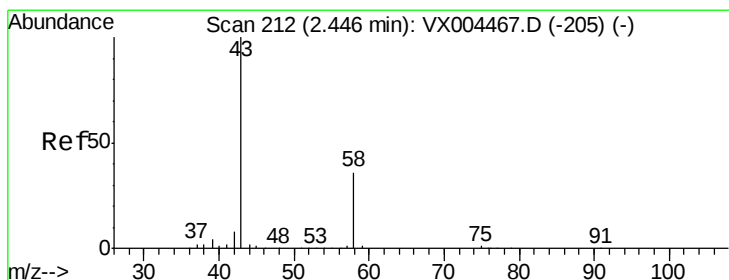
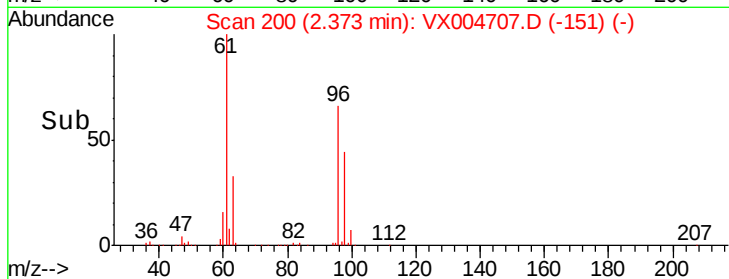
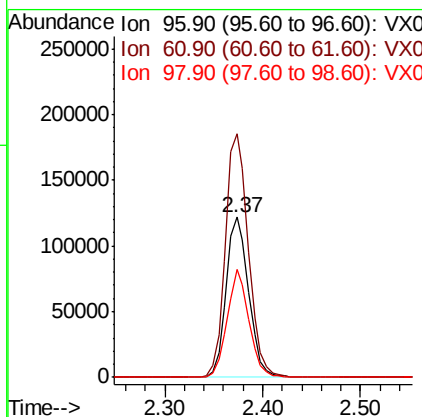
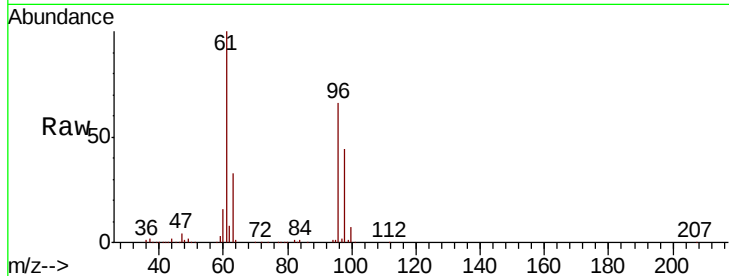




#12
 1,1-Dichloroethene
 Concen: 86.31 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX004707.D
 Acq: 19 Sep 2018 15:52

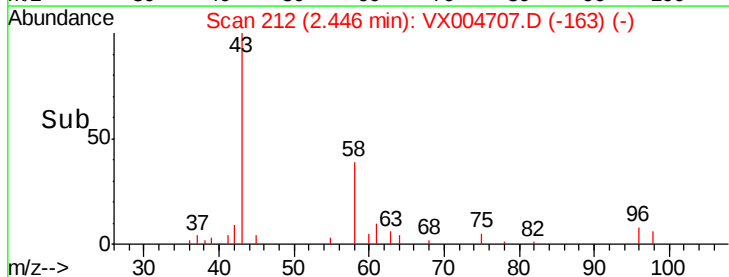
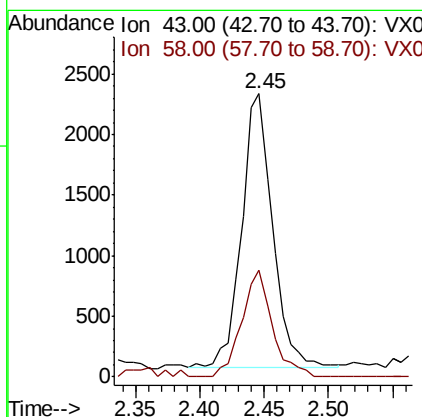
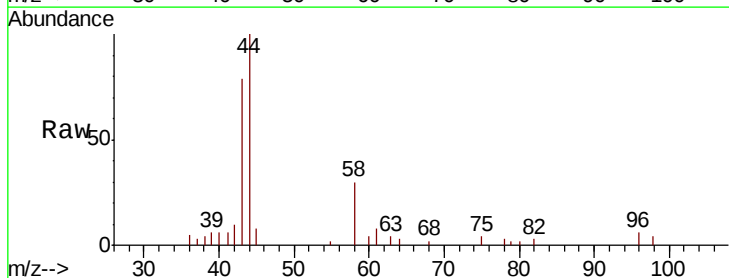
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

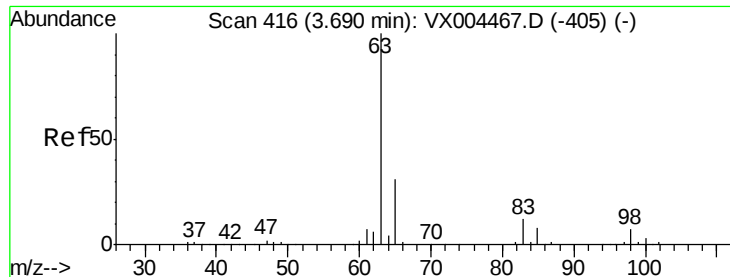
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	128.8	193.2
98	67.7	52.2	78.2



#16
 Acetone
 Concen: 2.73 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX004707.D
 Acq: 19 Sep 2018 15:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.0	26.2	39.4





#24

1,1-Dichloroethane

Concen: 30.57 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004707.D

Acq: 19 Sep 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

DUP-1

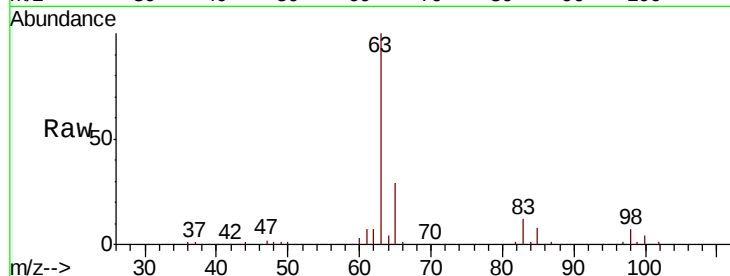
Tot Ion: 63 Resp: 143945

Ion Ratio Lower Upper

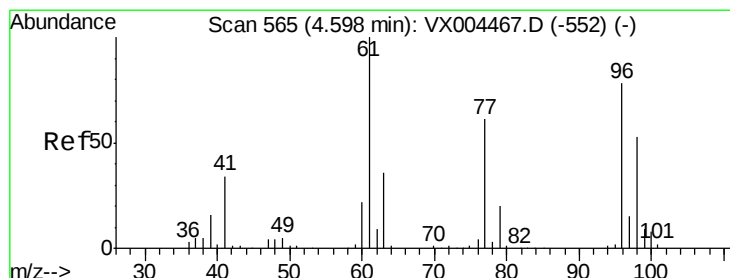
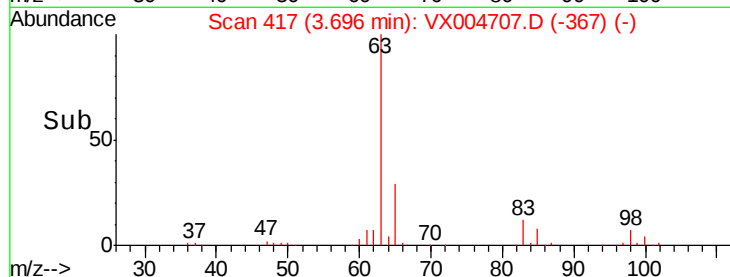
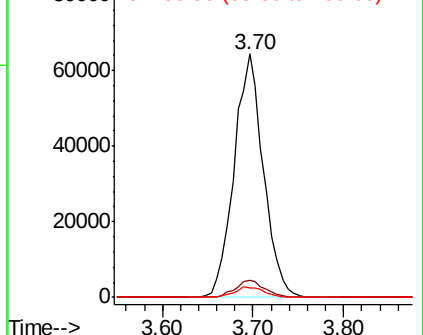
63 100

98 6.8 3.5 10.4

100 3.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 14.89 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004707.D

Acq: 19 Sep 2018 15:52

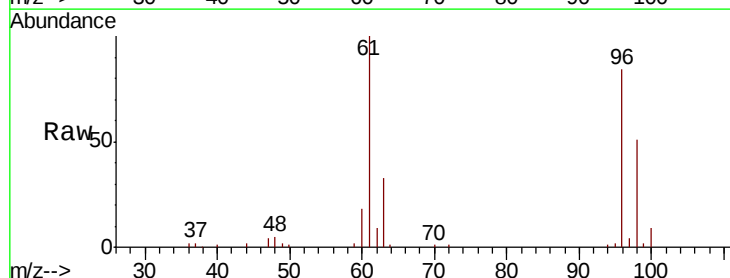
Tgt Ion: 96 Resp: 41368

Ion Ratio Lower Upper

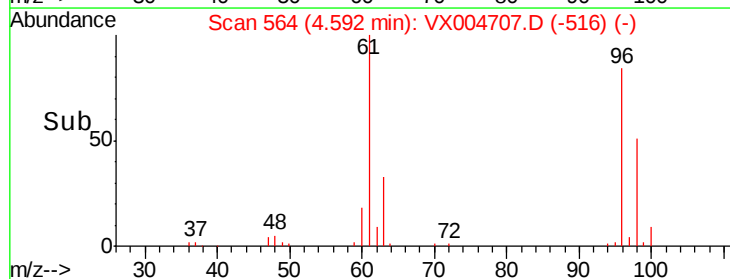
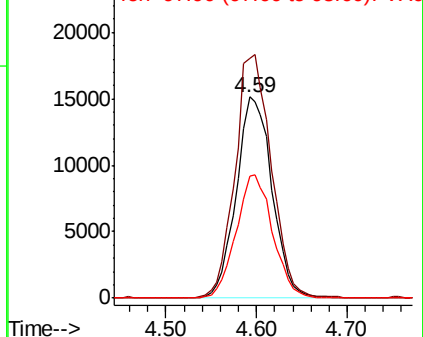
96 100

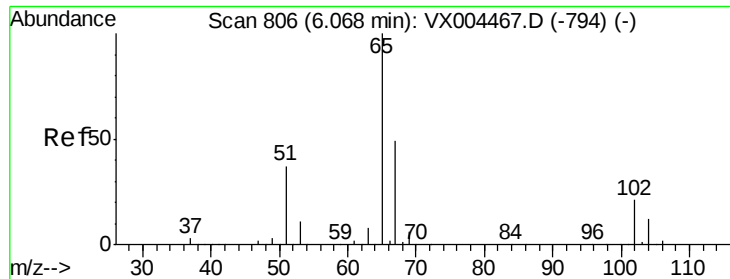
61 123.1 0.0 282.6

98 62.2 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





#33

1,2-Dichloroethane-d4

Concen: 51.79 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004707.D

Acq: 19 Sep 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

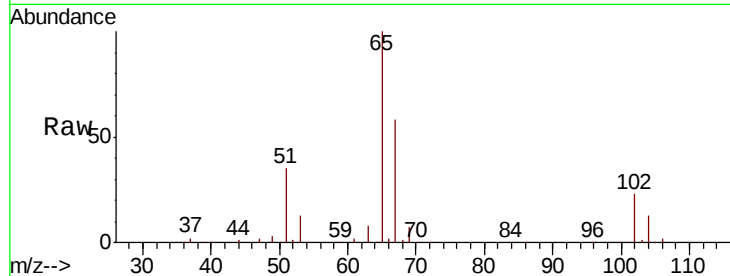
DUP-1

Tot Ion: 65 Resp: 143965

Ion Ratio Lower Upper

65 100

67 55.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

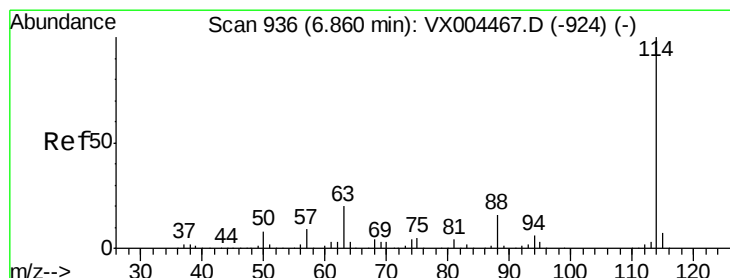
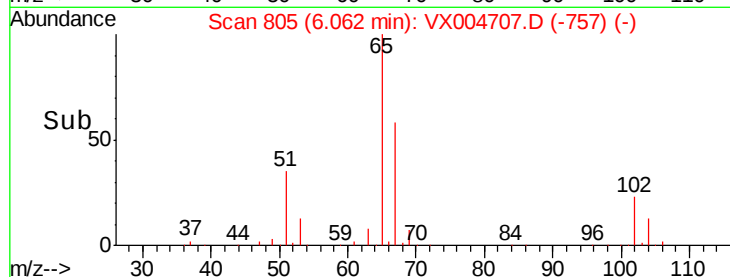
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004707.D

Acq: 19 Sep 2018 15:52

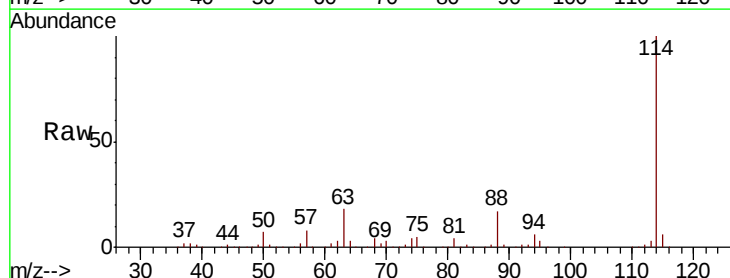
Tgt Ion: 114 Resp: 340383

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.0

88 16.6 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

200000

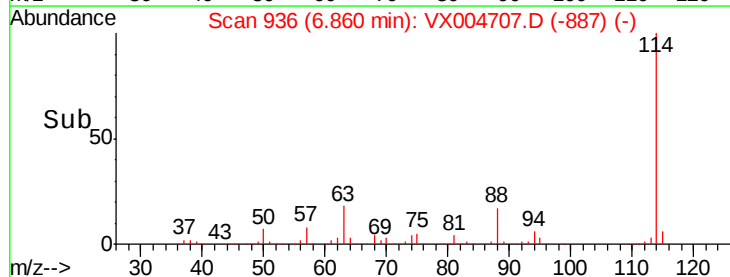
150000

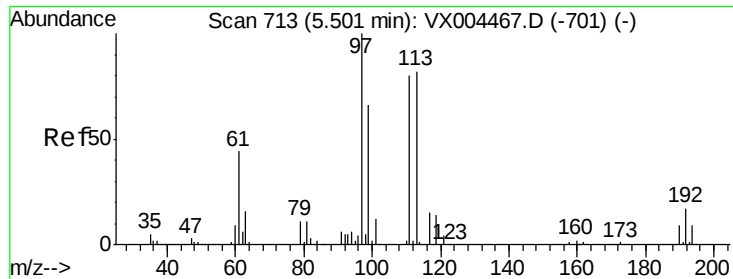
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 39.71 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004707.D

Acq: 19 Sep 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

DUP-1

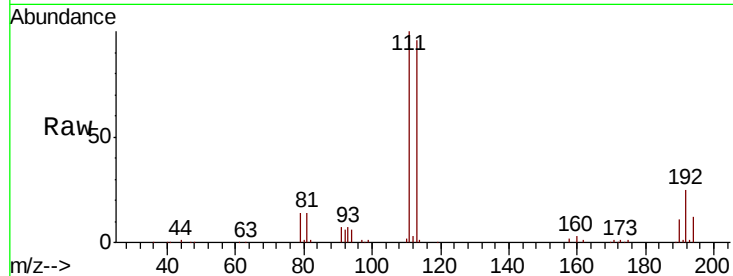
Tot Ion:113 Resp: 123698

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

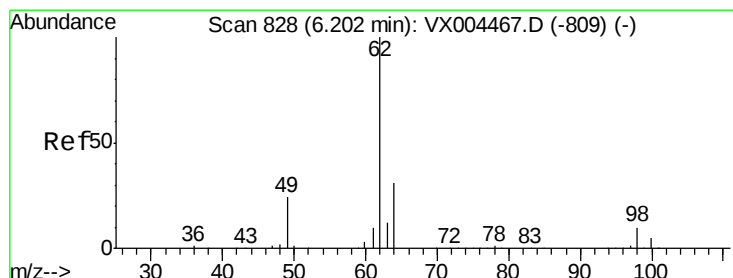
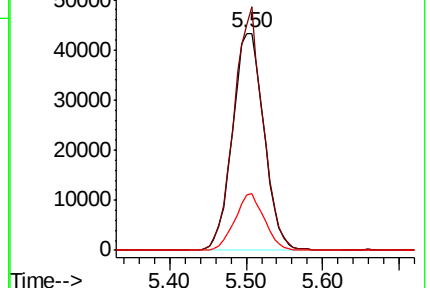
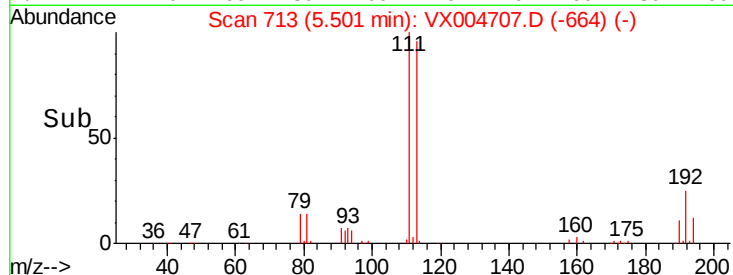
192 24.5 19.4 29.2



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



#42

1,2-Dichloroethane

Concen: 2.23 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.00 min

Lab File: VX004707.D

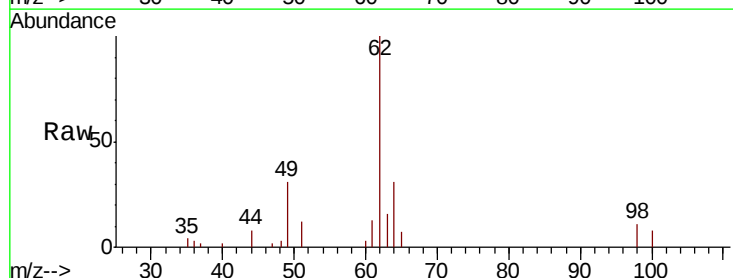
Acq: 19 Sep 2018 15:52

Tgt Ion: 62 Resp: 9081

Ion Ratio Lower Upper

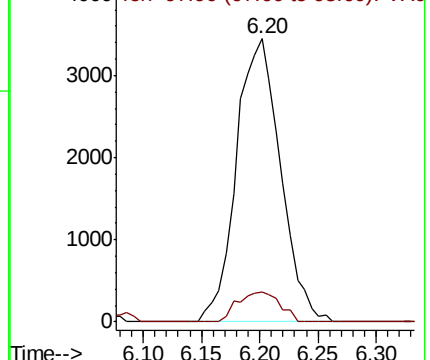
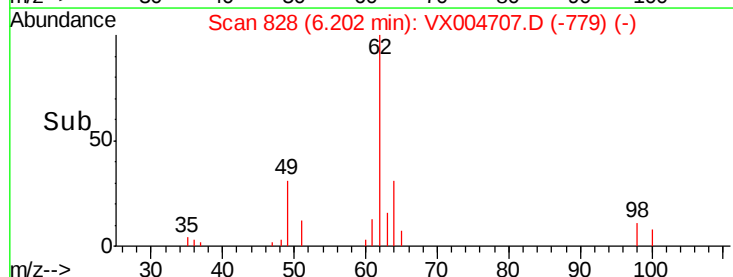
62 100

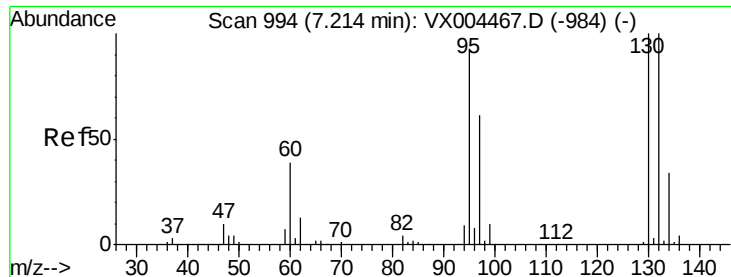
98 10.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

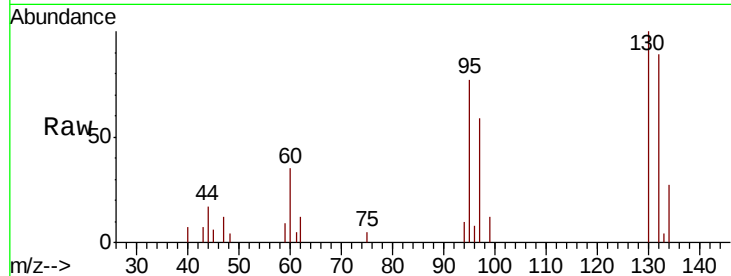




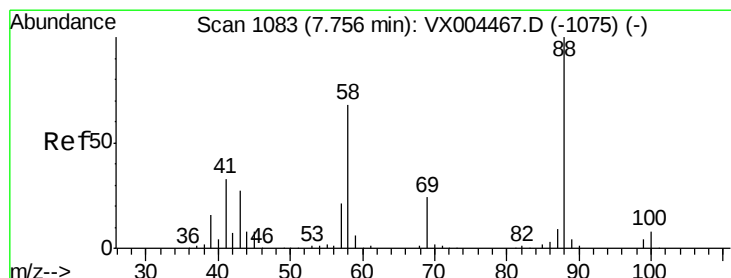
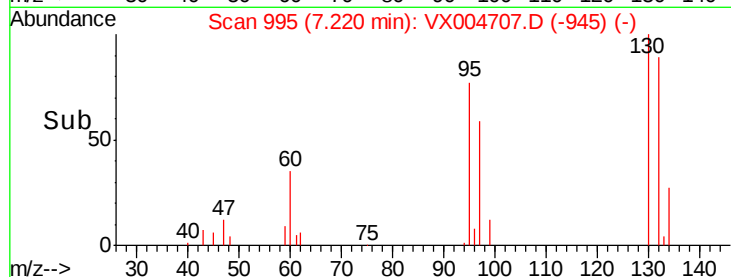
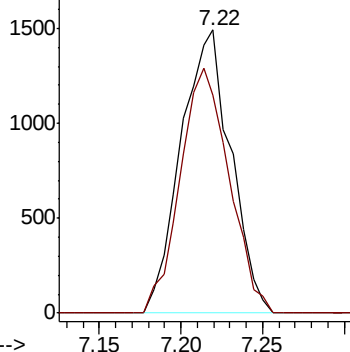
#44
 Trichloroethene
 Concen: 1.00 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX004707.D
 Acq: 19 Sep 2018 15:52

Instrument :
 MSVOA_X
 ClientSampled :
 DUP-1

Tot Ion:130 Resp: 3174
 Ion Ratio Lower Upper
 130 100
 95 77.1 0.0 181.6

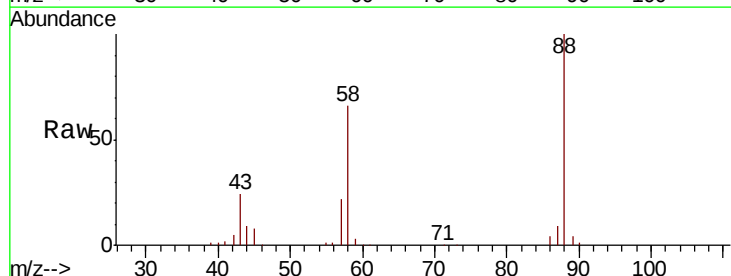


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

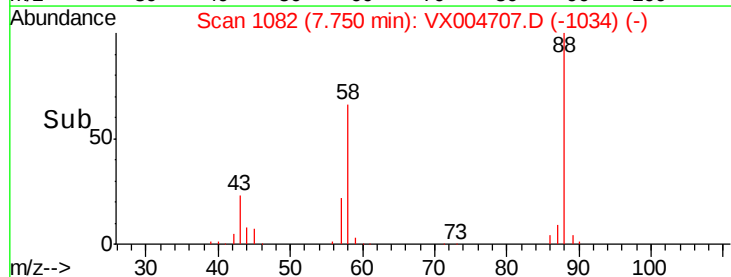
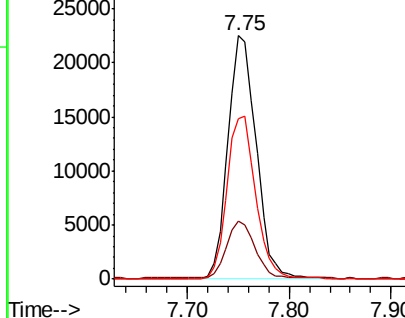


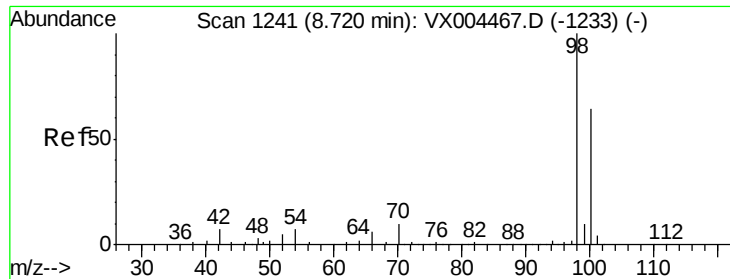
#49
 1,4-Dioxane
 Concen: 593.04 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX004707.D
 Acq: 19 Sep 2018 15:52

Tgt Ion: 88 Resp: 43363
 Ion Ratio Lower Upper
 88 100
 43 23.8 24.7 37.1#
 58 67.7 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 43.61 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004707.D

Acq: 19 Sep 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

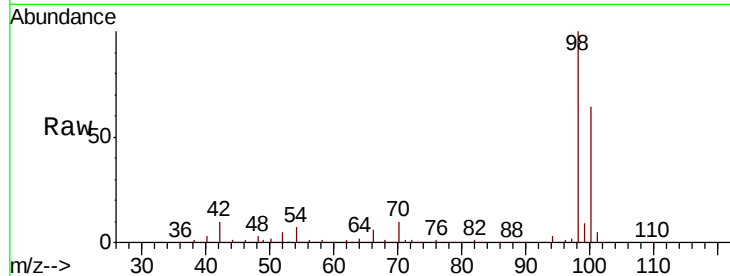
DUP-1

Tot Ion: 98 Resp: 455521

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

300000

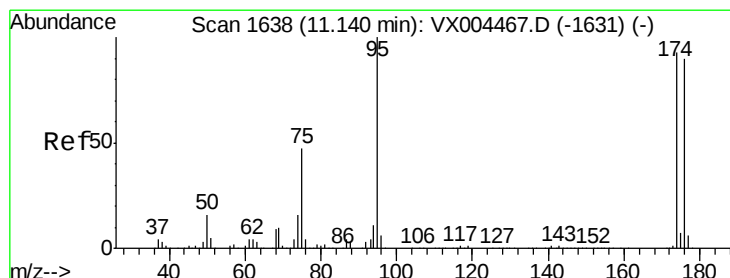
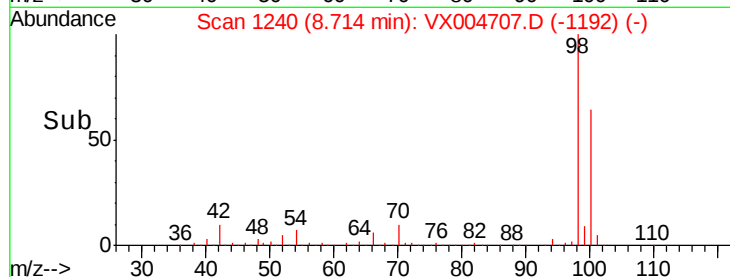
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 42.52 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004707.D

Acq: 19 Sep 2018 15:52

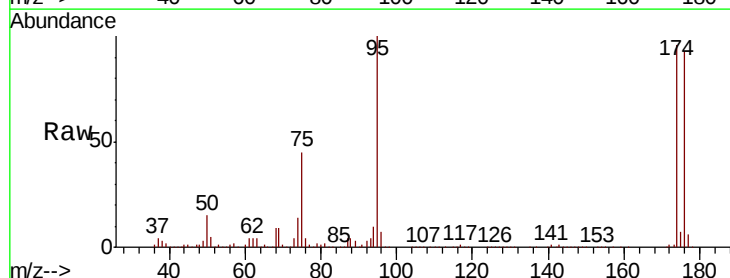
Tgt Ion: 95 Resp: 158526

Ion Ratio Lower Upper

95 100

174 95.5 0.0 185.2

176 91.8 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

150000

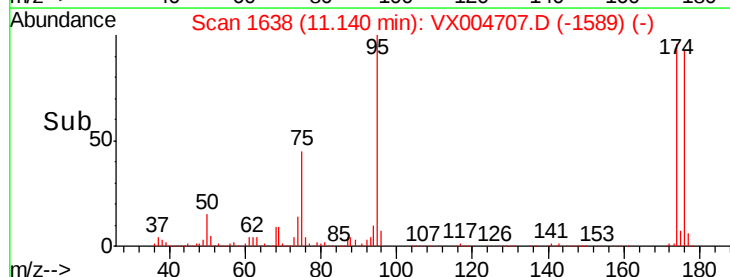
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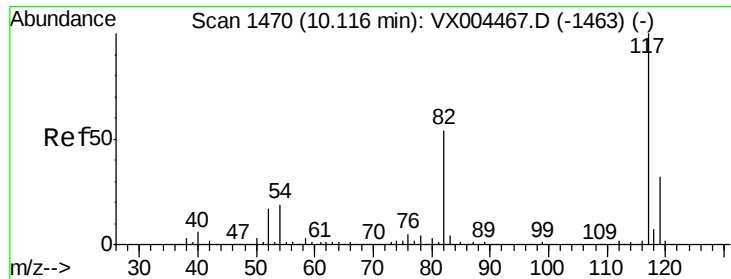
50000

0

11.10 11.20

Time-->

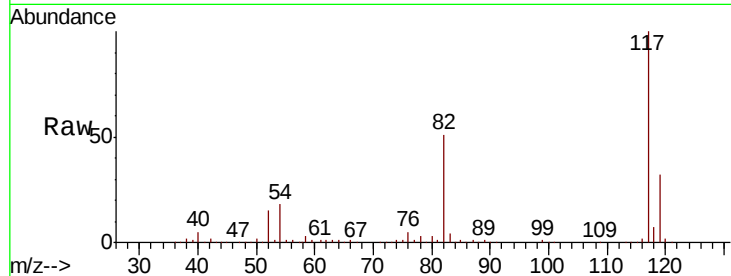




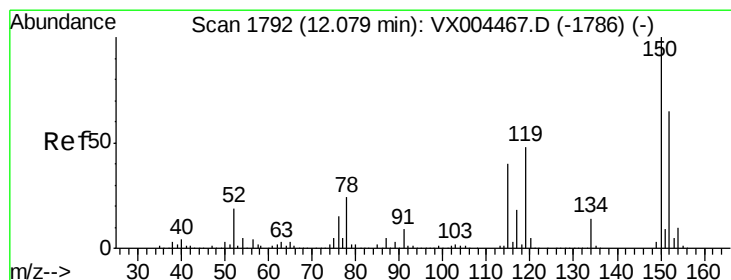
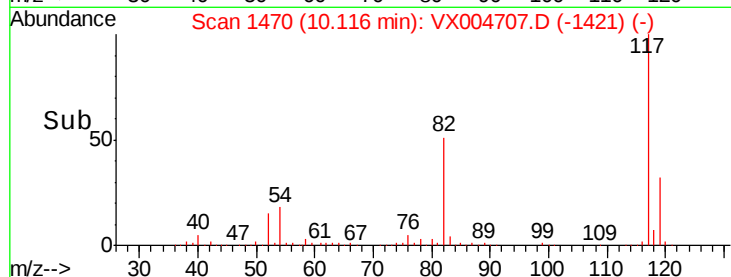
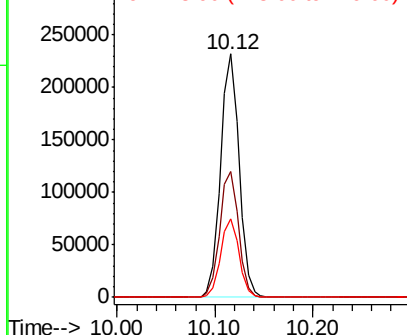
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004707.D
Acq: 19 Sep 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tot Ion:117 Resp: 306351
Ion Ratio Lower Upper
117 100
82 51.5 47.8 71.6
119 32.3 29.3 43.9

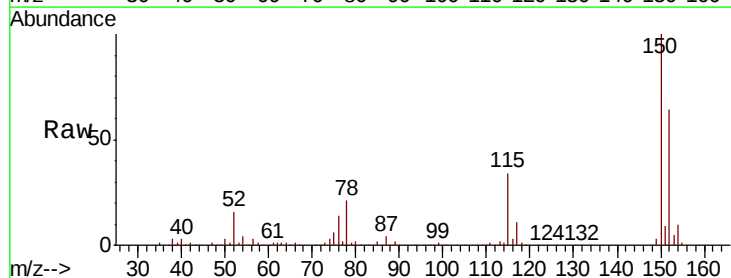


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004707.D
Acq: 19 Sep 2018 15:52

Tgt Ion:152 Resp: 166970
Ion Ratio Lower Upper
152 100
115 54.1 39.0 117.0
150 156.6 0.0 351.0



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

