

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004100.D
 Acq On : 16 Aug 2018 04:27
 Operator : JC/MD
 Sample : J4495-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0497-180814

Quant Time: Aug 16 16:45:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

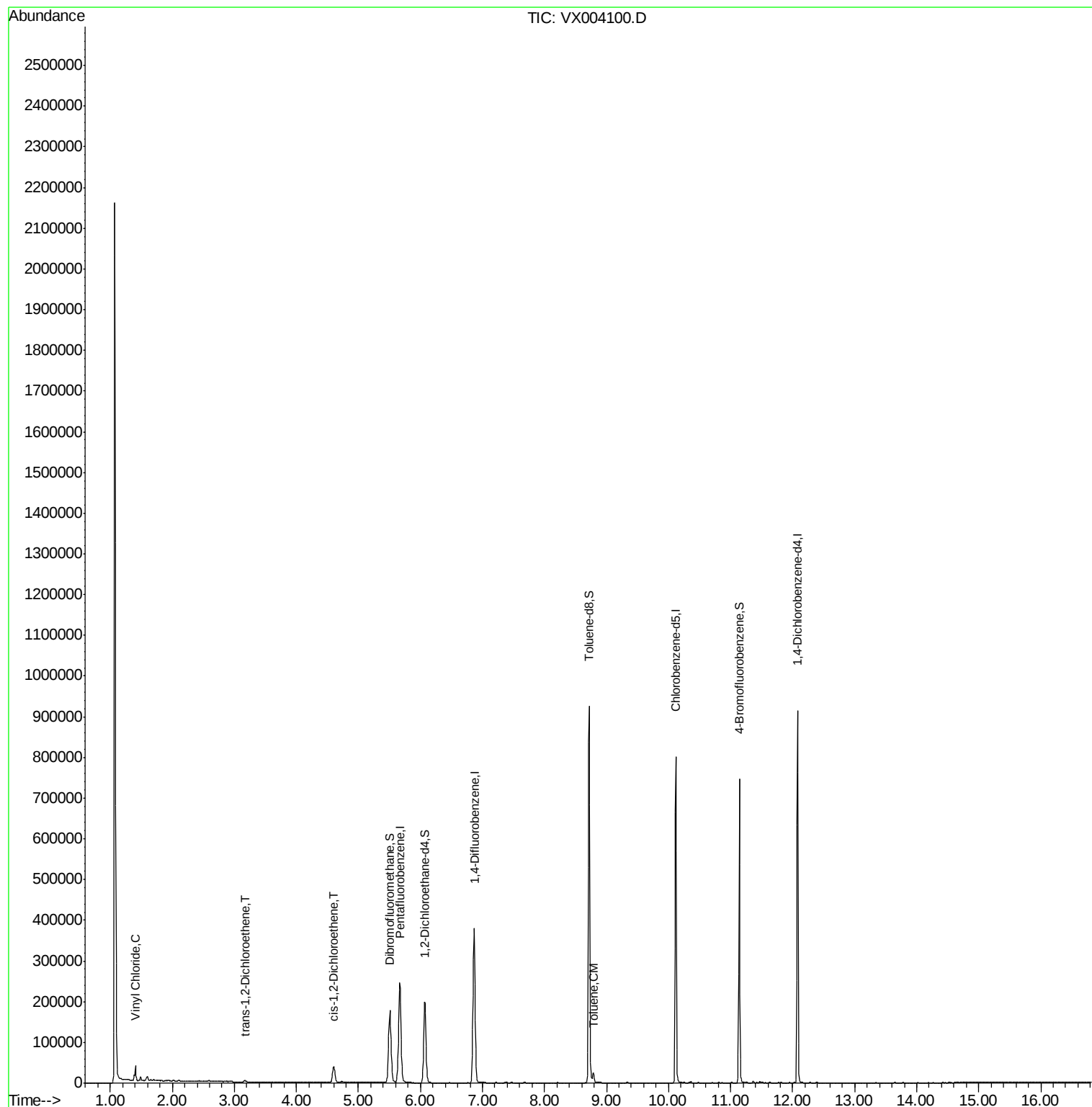
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185371	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	5.51	113	150198	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	8.72	98	547262	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.14	95	185328	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
Target Compounds						
4) Vinyl Chloride	1.40	62	23064	7.29	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	1393	0.48	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	26240	7.98	ug/l	91
52) Toluene	8.79	92	7771	0.94	ug/l	99

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX004100.D

Acq: 16 Aug 2018 04:27

Instrument :

MSVOA_X

ClientSampleId :

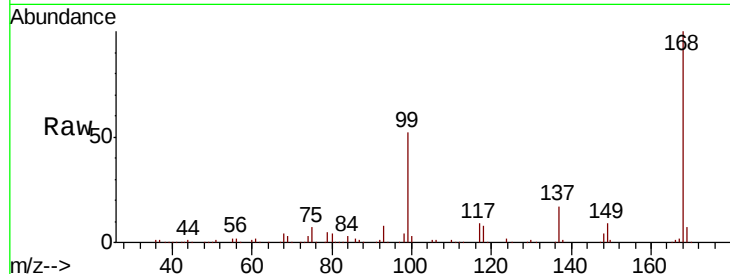
DUP-0497-180814

Tot Ion:168 Resp: 244743

Ion Ratio Lower Upper

168 100

99 52.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

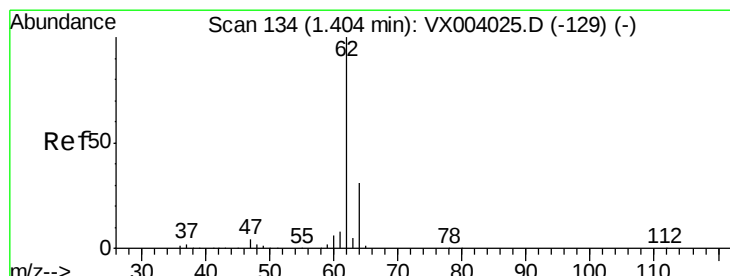
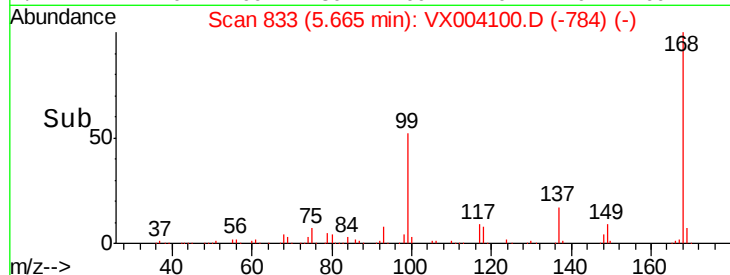
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 7.29 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004100.D

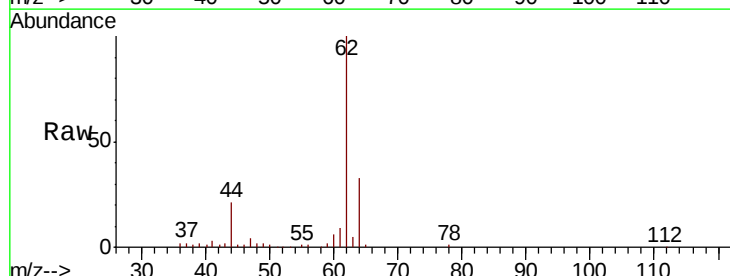
Acq: 16 Aug 2018 04:27

Tgt Ion: 62 Resp: 23064

Ion Ratio Lower Upper

62 100

64 33.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

25000

20000

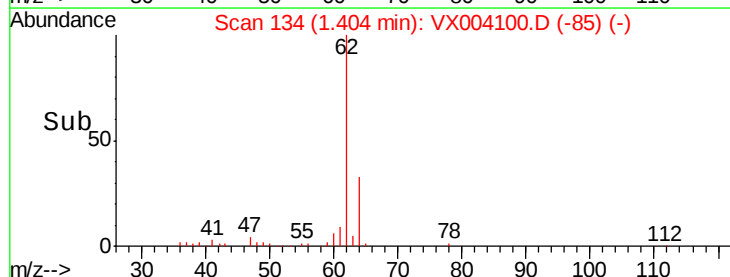
15000

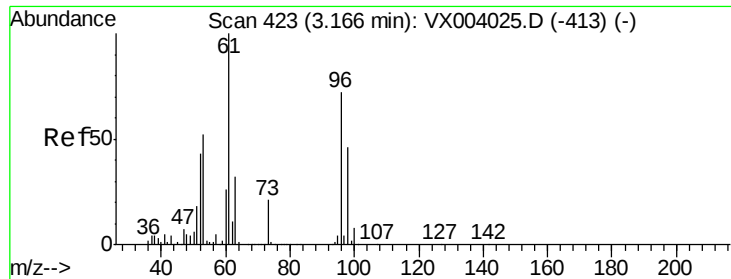
10000

5000

0

Time--> 1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 0.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004100.D

Acq: 16 Aug 2018 04:27

Instrument :

MSVOA_X

ClientSampleId :

DUP-0497-180814

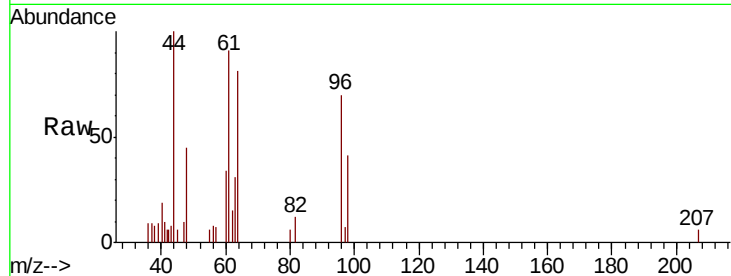
Tot Ion: 96 Resp: 1393

Ion Ratio Lower Upper

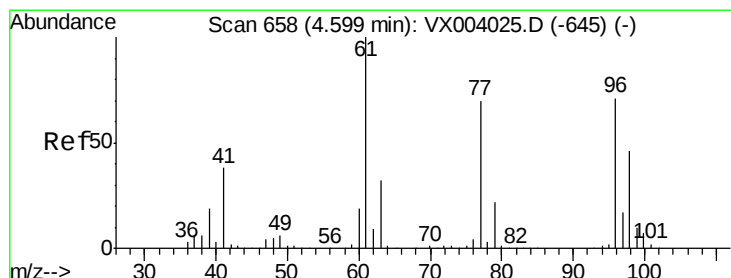
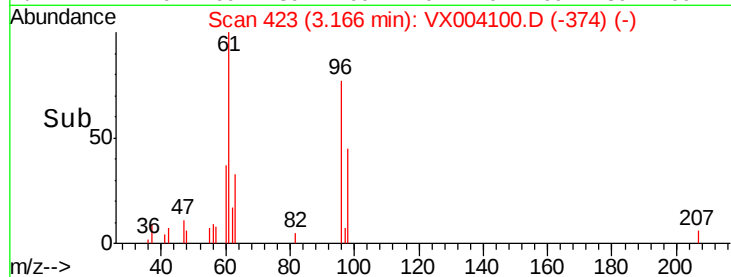
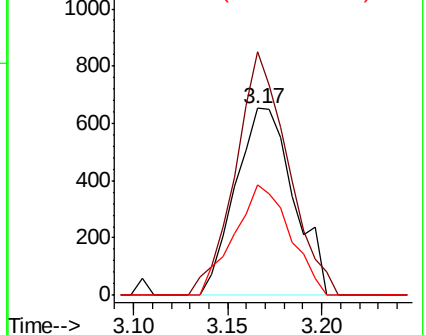
96 100

61 130.2 111.8 167.6

98 58.8 51.8 77.6



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



#27

cis-1,2-Dichloroethene

Concen: 7.98 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004100.D

Acq: 16 Aug 2018 04:27

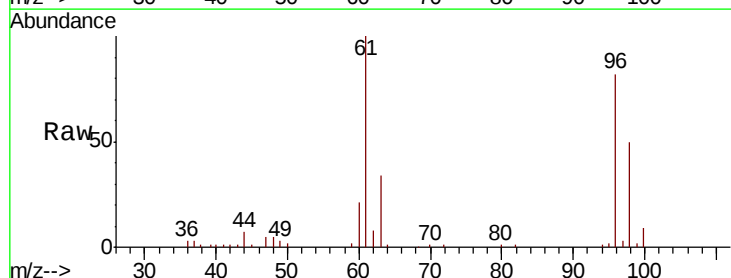
Tgt Ion: 96 Resp: 26240

Ion Ratio Lower Upper

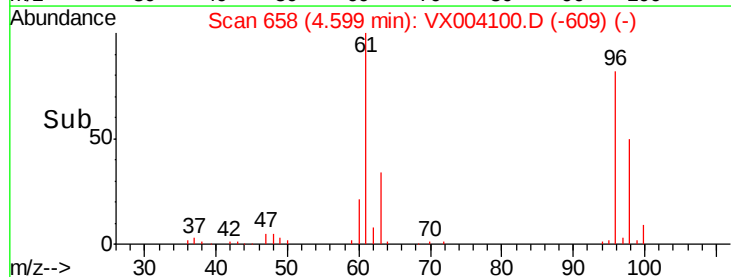
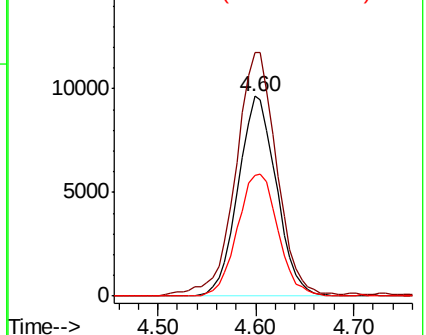
96 100

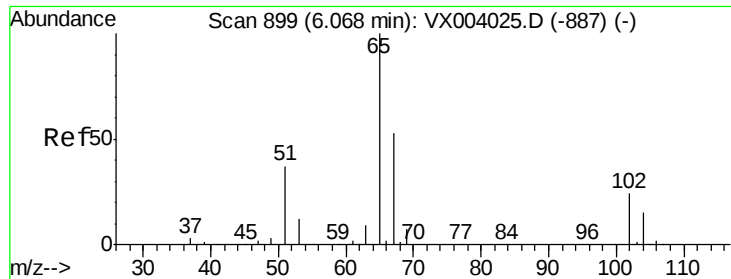
61 131.5 0.0 293.0

98 64.5 0.0 131.8



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

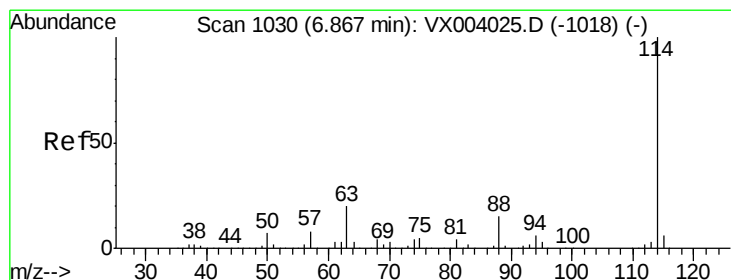
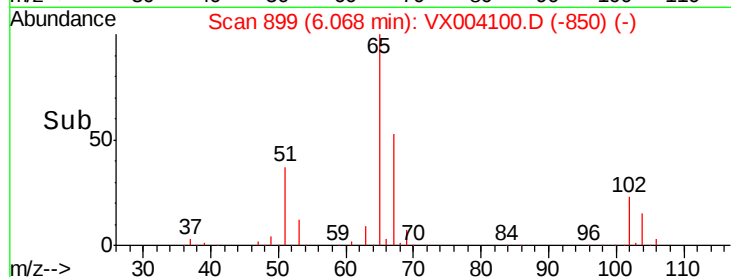
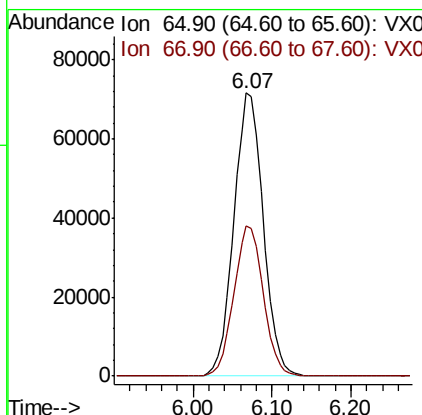
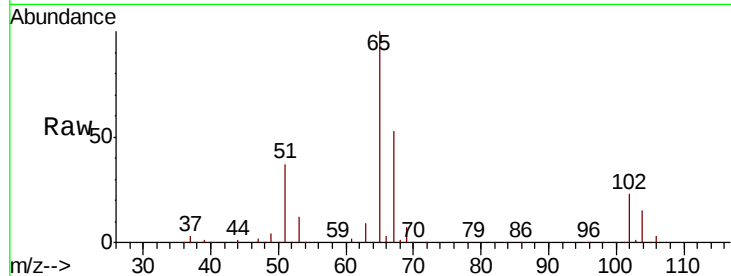




#33
 1,2-Dichloroethane-d4
 Concen: 53.76 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004100.D
 Acq: 16 Aug 2018 04:27

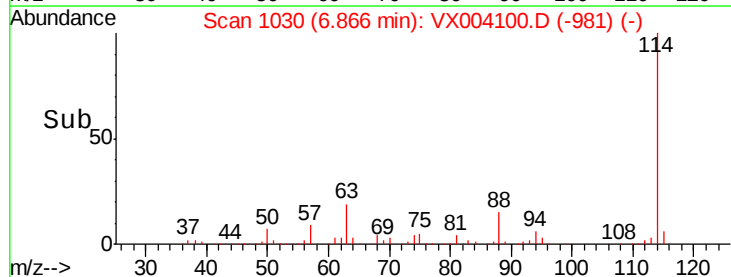
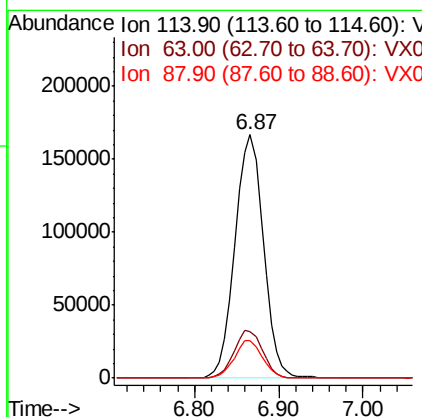
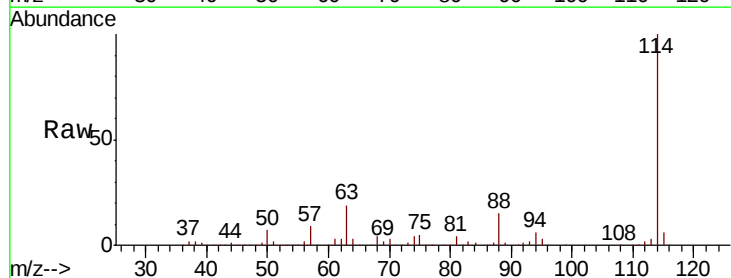
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0497-180814

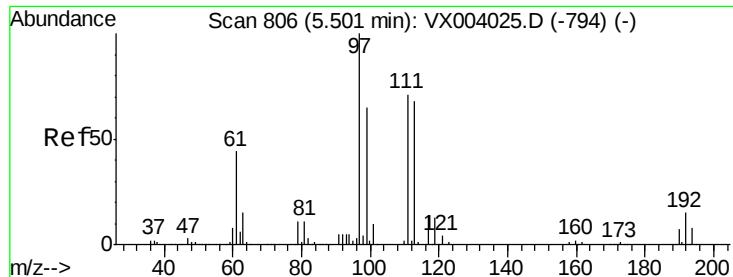
Tot Ion: 65 Resp: 185371
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004100.D
 Acq: 16 Aug 2018 04:27

Tgt Ion: 114 Resp: 381688
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.58 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004100.D

Acq: 16 Aug 2018 04:27

Instrument :

MSVOA_X

ClientSampleId :

DUP-0497-180814

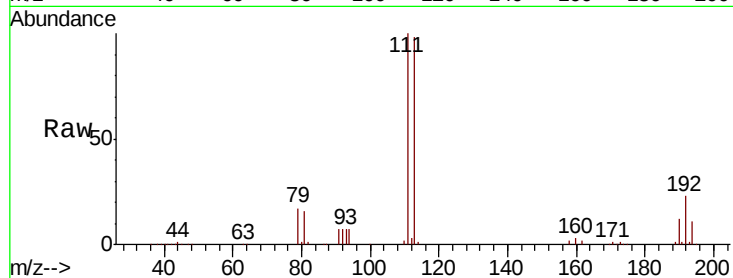
Tot Ion:113 Resp: 150198

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

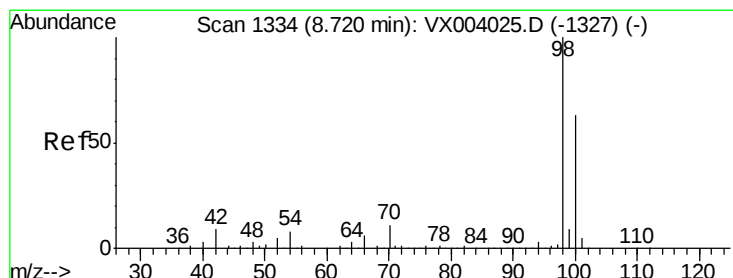
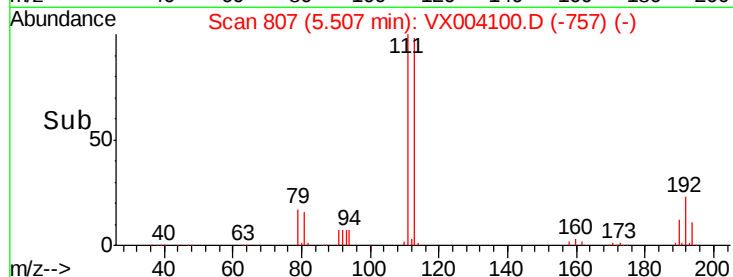
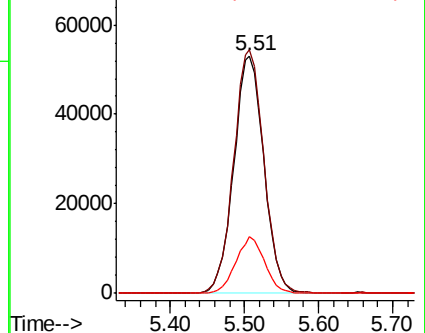
192 22.9 19.0 28.4



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



#50

Toluene-d8

Concen: 47.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004100.D

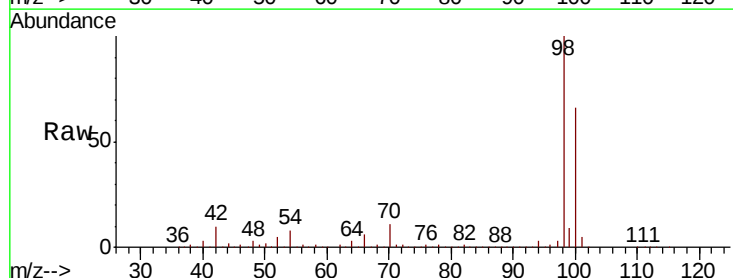
Acq: 16 Aug 2018 04:27

Tgt Ion: 98 Resp: 547262

Ion Ratio Lower Upper

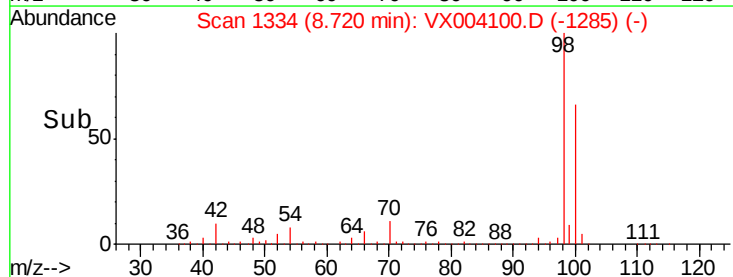
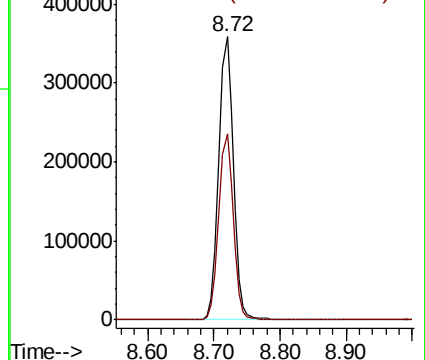
98 100

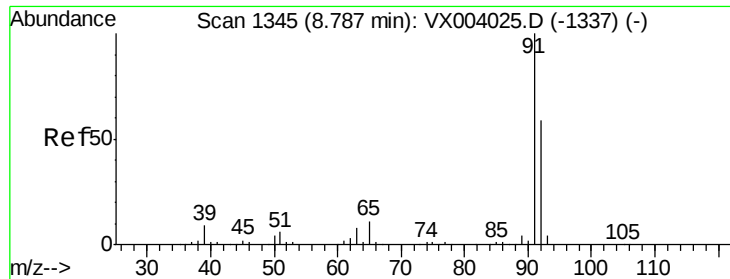
100 65.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.94 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004100.D

Acq: 16 Aug 2018 04:27

Instrument :

MSVOA_X

ClientSampleId :

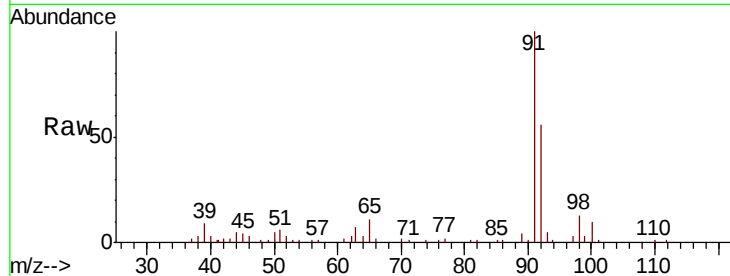
DUP-0497-180814

Tot Ion: 92 Resp: 7771

Ion Ratio Lower Upper

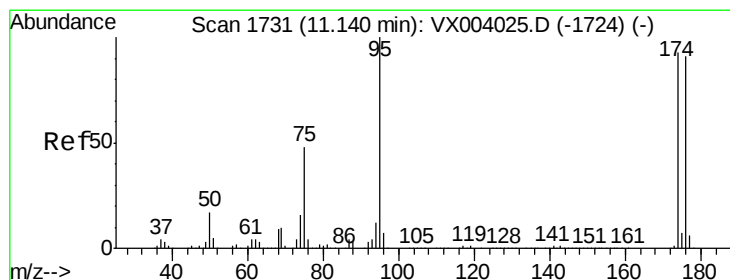
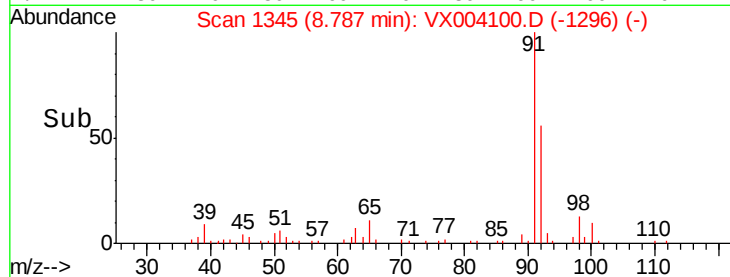
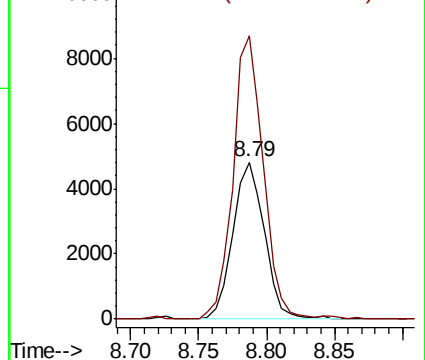
92 100

91 172.0 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004100.D

Acq: 16 Aug 2018 04:27

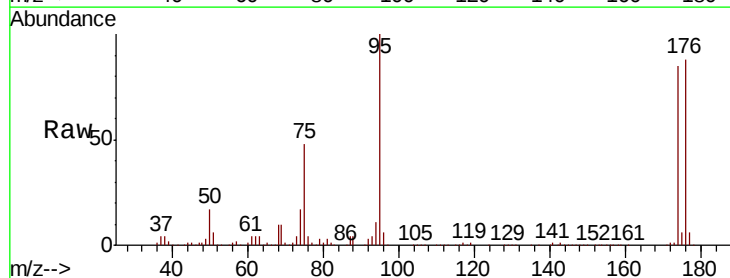
Tgt Ion: 95 Resp: 185328

Ion Ratio Lower Upper

95 100

174 90.2 0.0 182.8

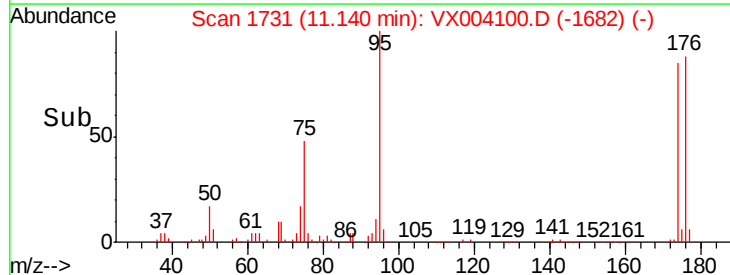
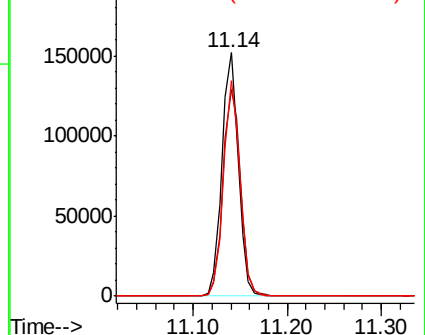
176 88.2 0.0 179.0

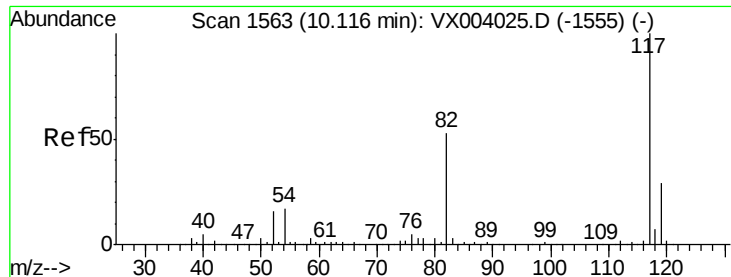


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

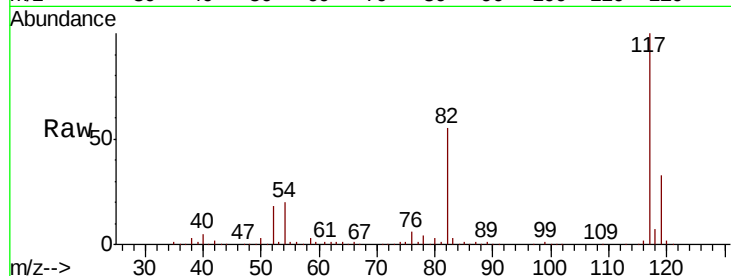




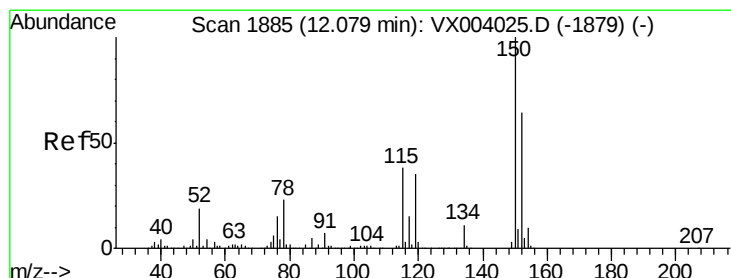
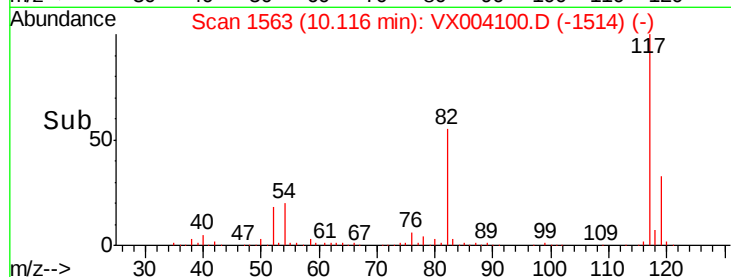
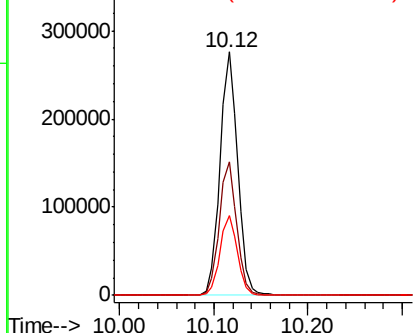
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004100.D
Acq: 16 Aug 2018 04:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0497-180814

Tot Ion:117 Resp: 359779
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 32.6 26.6 40.0

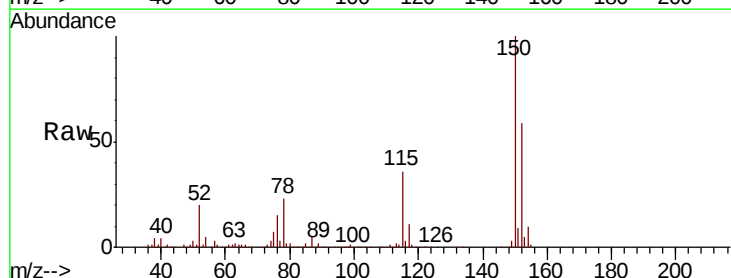


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004100.D
Acq: 16 Aug 2018 04:27

Tgt Ion:152 Resp: 190740
Ion Ratio Lower Upper
152 100
115 56.9 39.1 117.3
150 160.6 0.0 349.2



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

