

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008857.D
 Acq On : 11 Apr 2019 17:17
 Operator : JC/SP
 Sample : K2349-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409

Quant Time: Apr 12 08:20:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

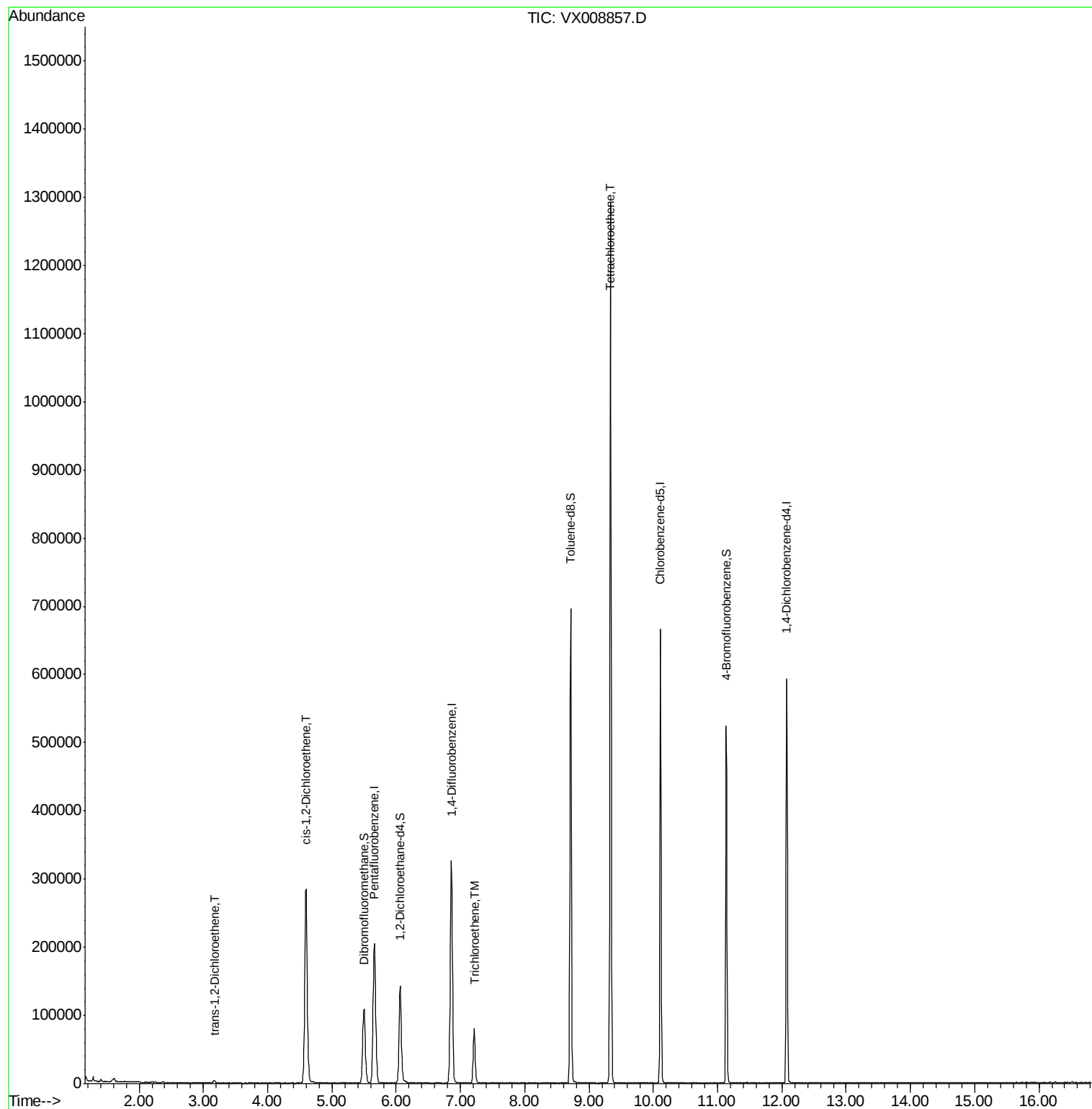
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	198932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131197	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
35) Dibromofluoromethane	5.50	113	94888	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	8.71	98	400494	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	136911	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	1450	0.583	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	178034	62.248	ug/l	89
44) Trichloroethene	7.21	130	30553	12.554	ug/l	99
64) Tetrachloroethene	9.34	164	245640	118.068	ug/l	99

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

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QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008857.D

Acq: 11 Apr 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

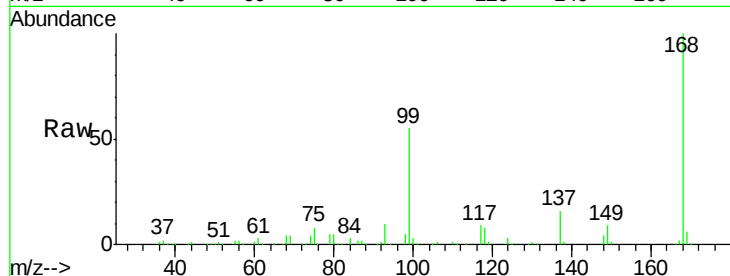
KY062MW139-190409

Tot Ion:168 Resp: 198932

Ion Ratio Lower Upper

168 100

99 55.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

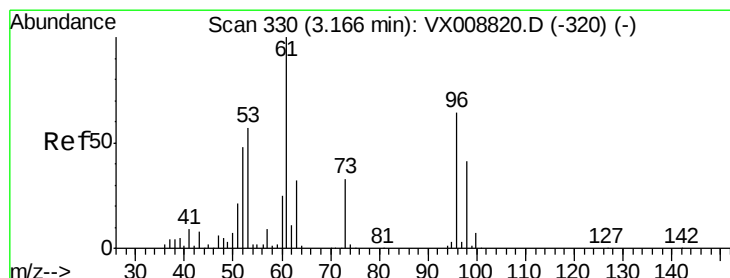
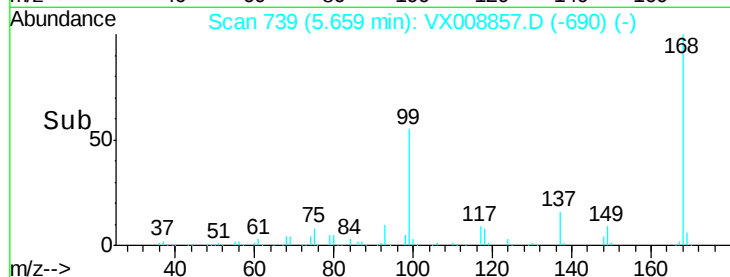
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 0.583 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008857.D

Acq: 11 Apr 2019 17:17

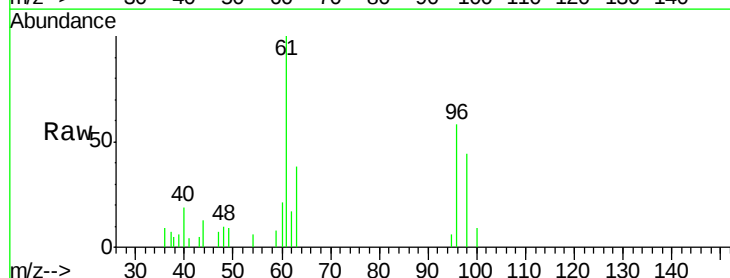
Tgt Ion: 96 Resp: 1450

Ion Ratio Lower Upper

96 100

61 171.3 132.1 198.1

98 74.7 52.2 78.2



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

1500

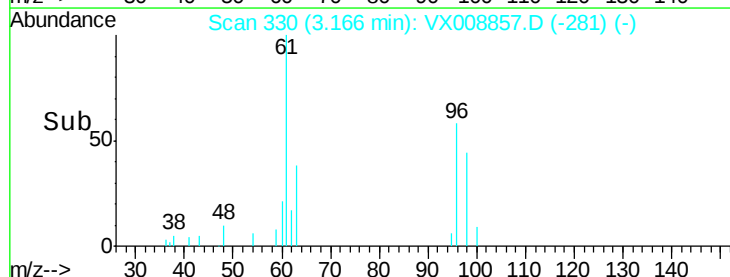
1000

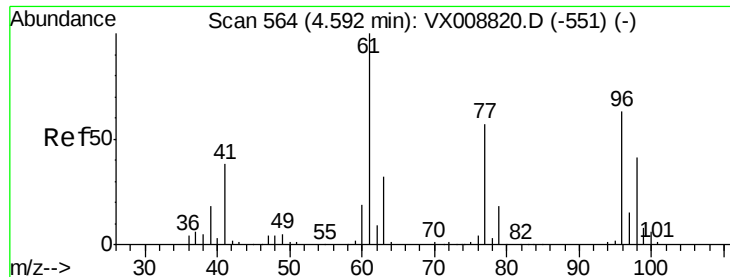
500

0

Time-->

3.10 3.15 3.20 3.25



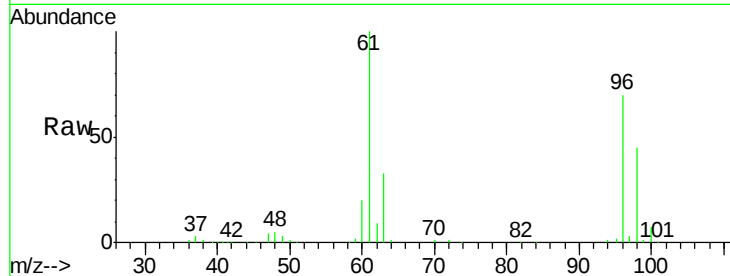


#27

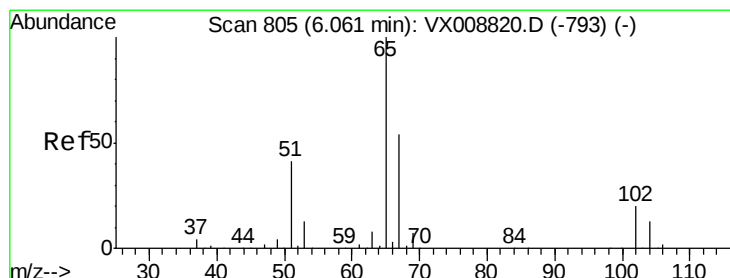
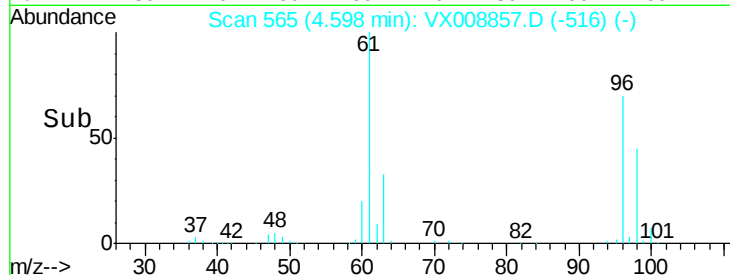
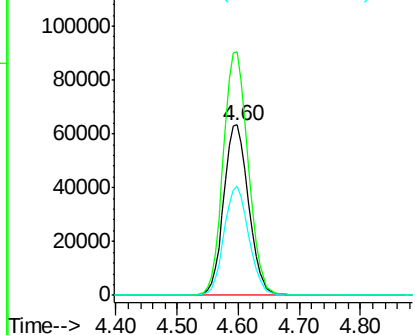
cis-1,2-Dichloroethene
Concen: 62.248 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008857.D
Acq: 11 Apr 2019 17:17

Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409

Tot Ion: 96 Resp: 178034
Ion Ratio Lower Upper
96 100
61 143.0 0.0 327.6
98 63.5 0.0 128.6



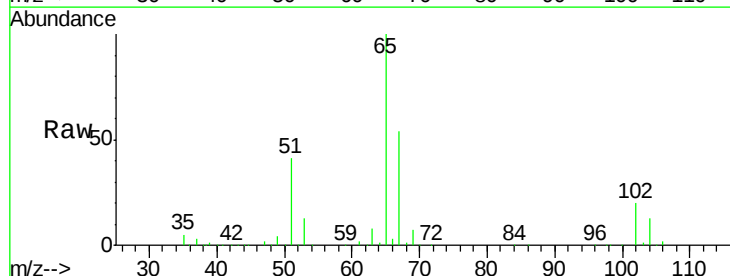
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



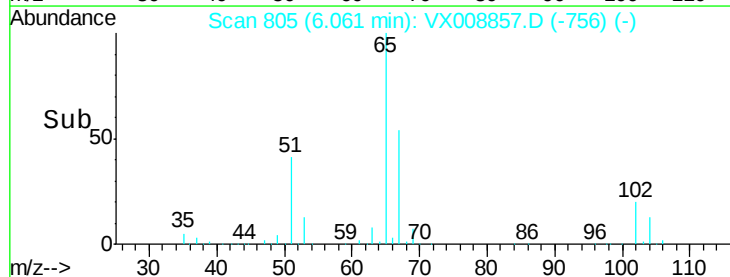
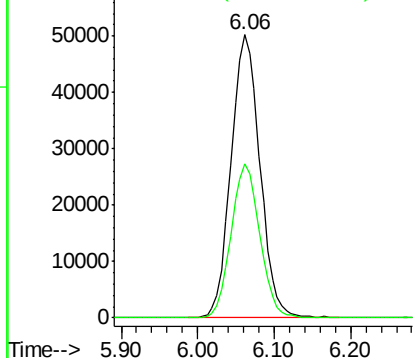
#33

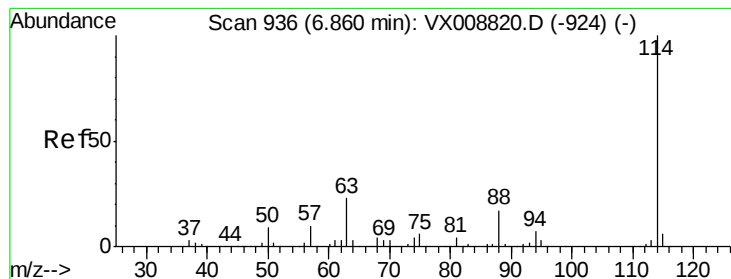
1,2-Dichloroethane-d4
Concen: 45.216 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008857.D
Acq: 11 Apr 2019 17:17

Tgt Ion: 65 Resp: 131197
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008857.D

Acq: 11 Apr 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409

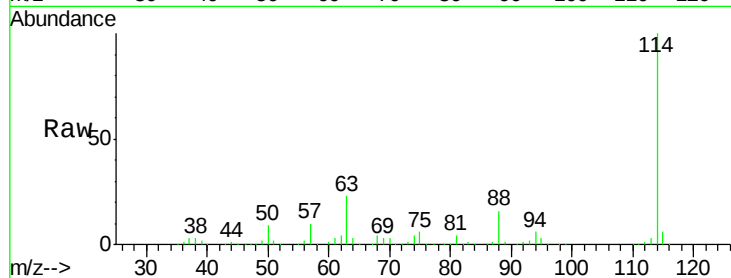
Tot Ion:114 Resp: 320891

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.2

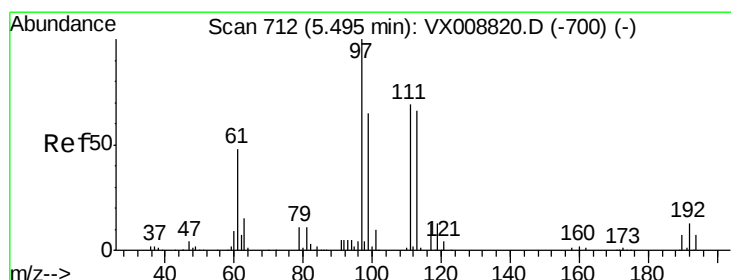
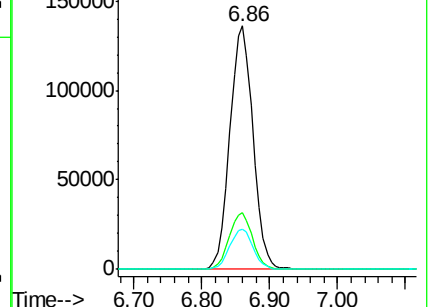
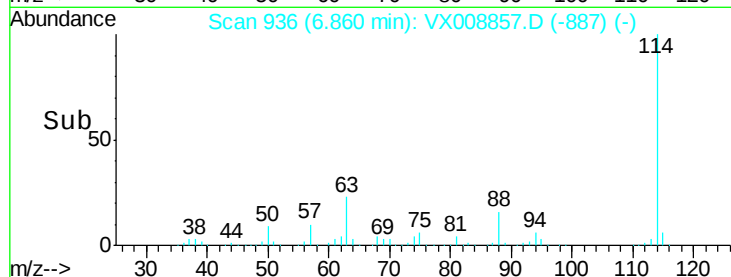
88 16.5 0.0 34.0



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: 46.249 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008857.D

Acq: 11 Apr 2019 17:17

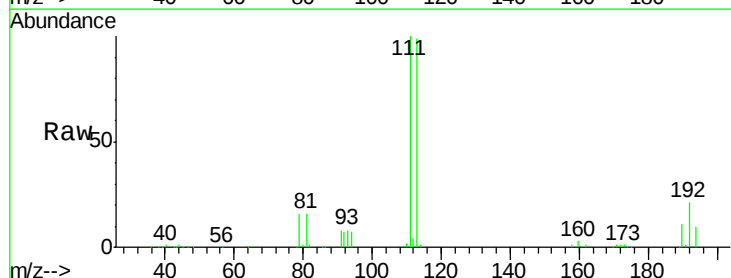
Tgt Ion:113 Resp: 94888

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

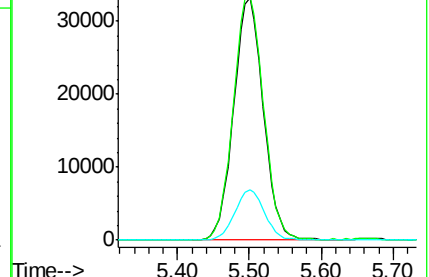
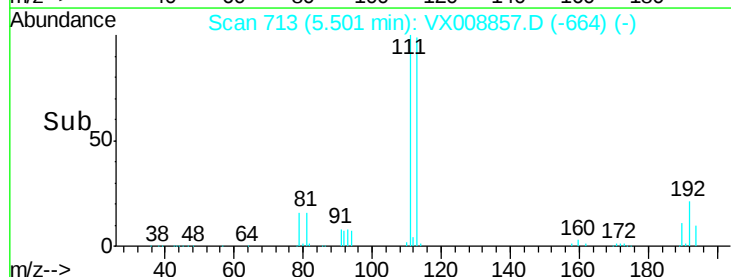
192 20.9 16.1 24.1

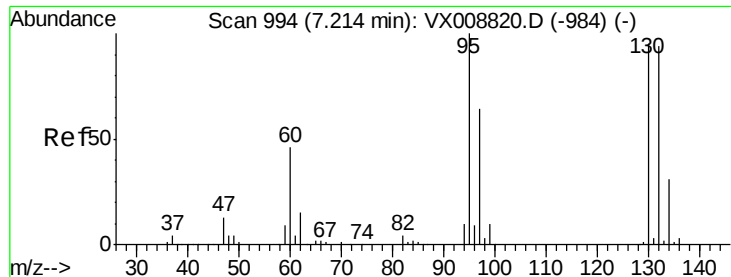


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 12.554 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008857.D

Acq: 11 Apr 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

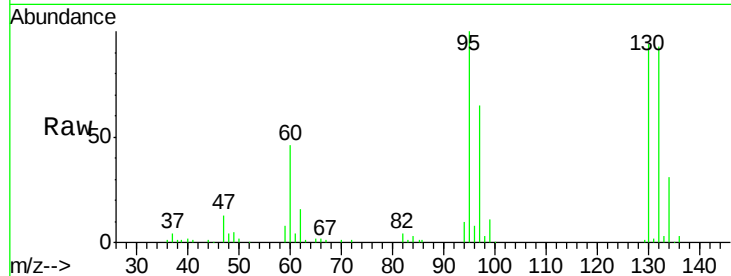
KY062MW139-190409

Tot Ion:130 Resp: 30553

Ion Ratio Lower Upper

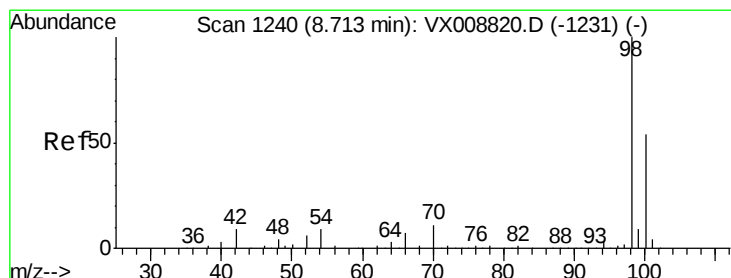
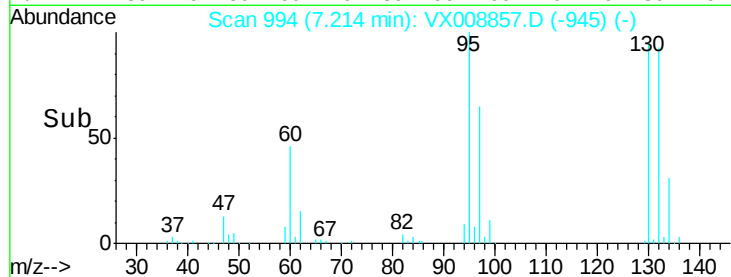
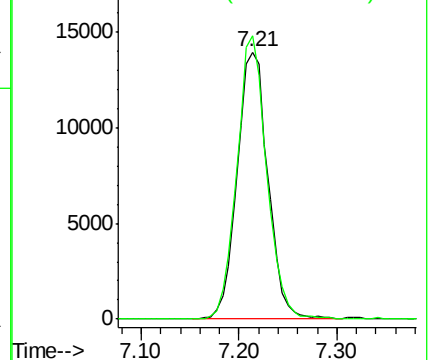
130 100

95 106.1 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.025 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008857.D

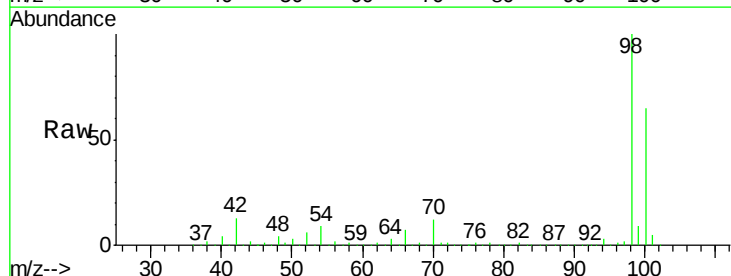
Acq: 11 Apr 2019 17:17

Tgt Ion: 98 Resp: 400494

Ion Ratio Lower Upper

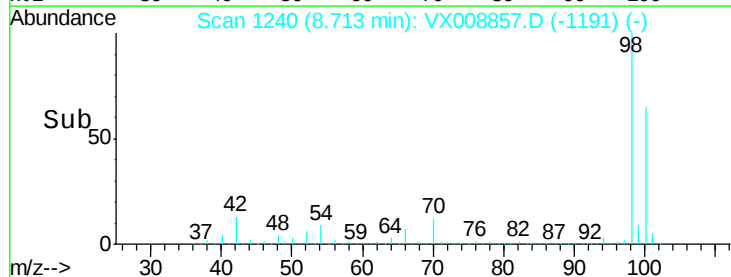
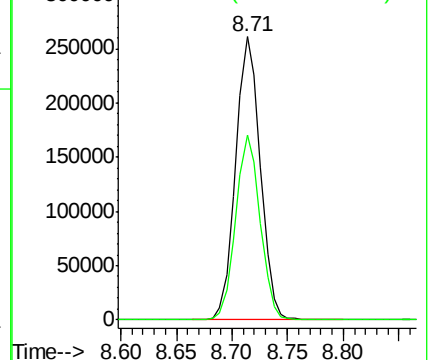
98 100

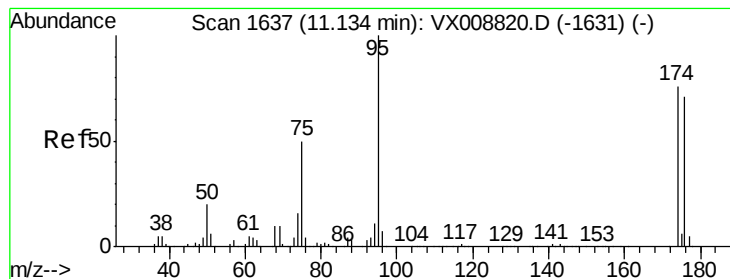
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.261 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008857.D

Acq: 11 Apr 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409

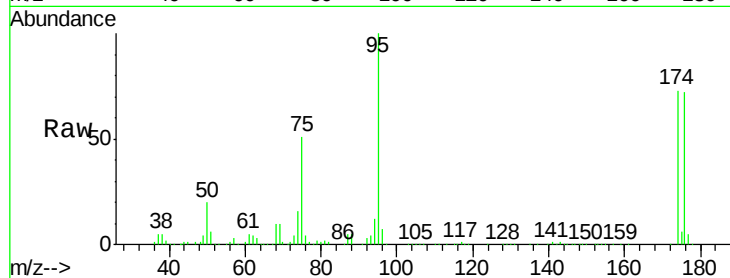
Tot Ion: 95 Resp: 136911

Ion Ratio Lower Upper

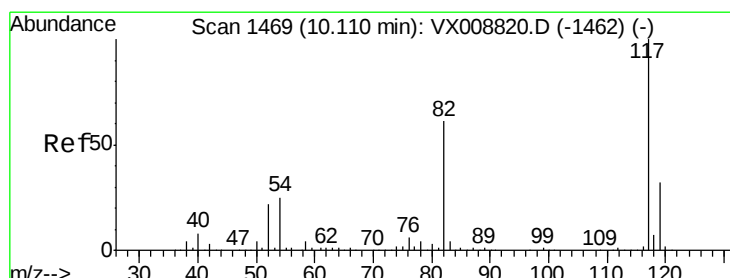
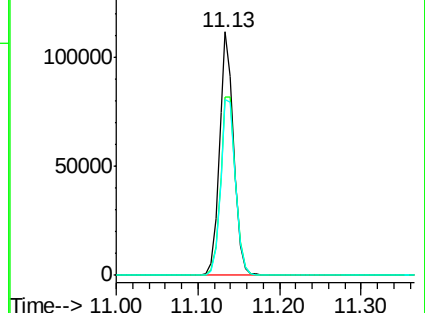
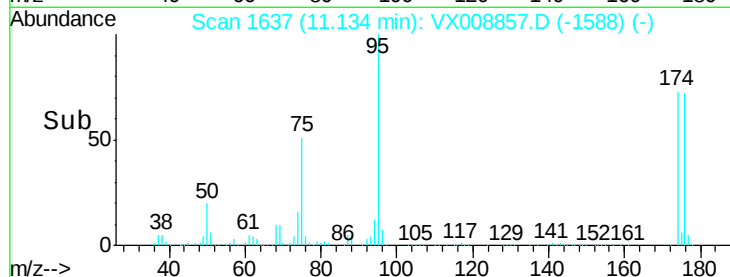
95 100

174 77.5 0.0 151.8

176 75.7 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008857.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008857.D

Acq: 11 Apr 2019 17:17

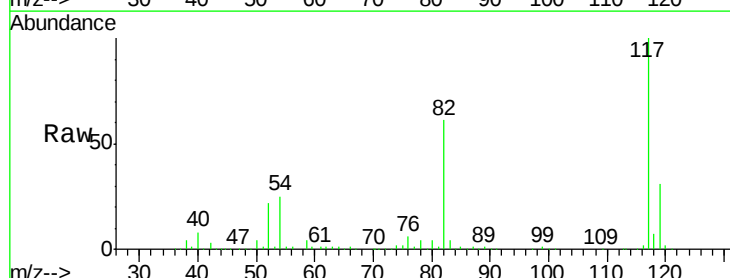
Tgt Ion: 117 Resp: 280809

Ion Ratio Lower Upper

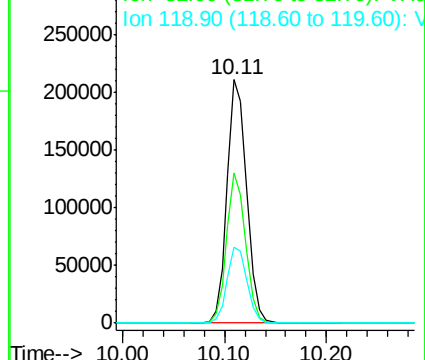
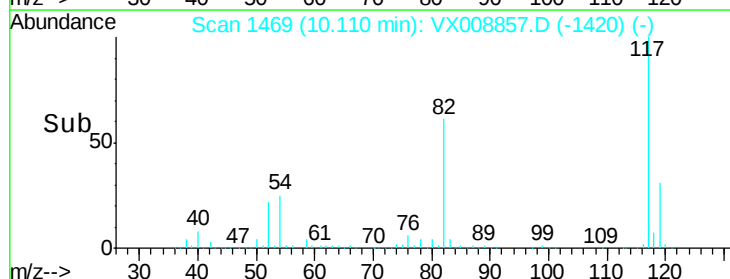
117 100

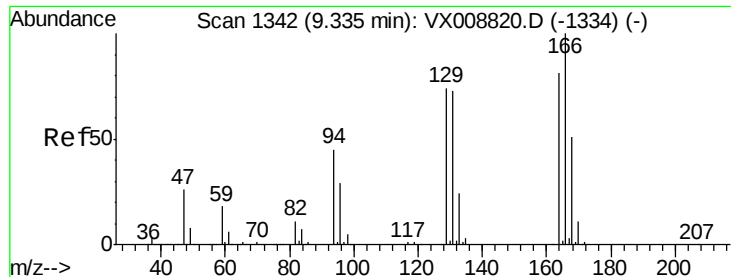
82 61.5 49.6 74.4

119 31.3 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): VX008857.D (-1420) (-)

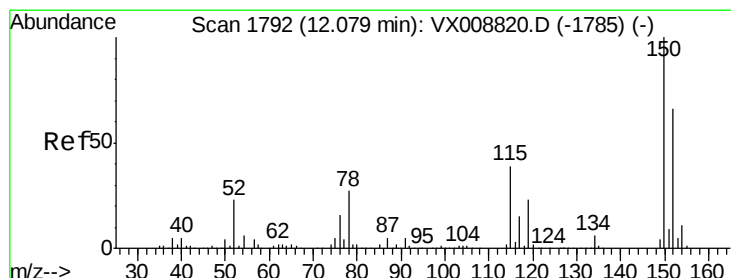
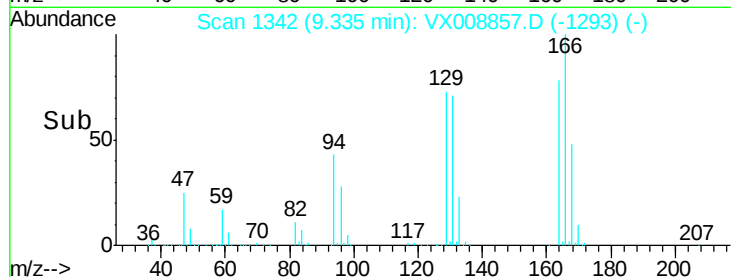
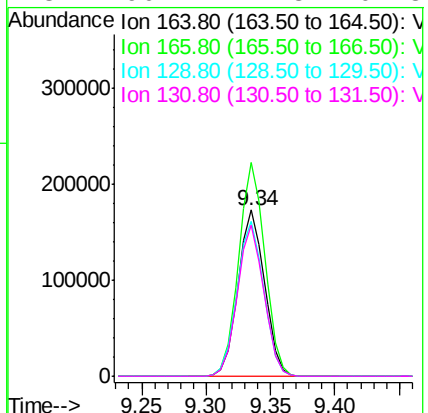
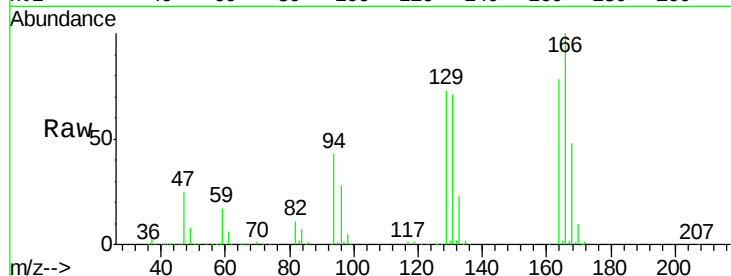




#64
Tetrachloroethene
Concen: 118.068 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008857.D
Acq: 11 Apr 2019 17:17

Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.0	151.6
129	93.6	75.8	113.8
131	90.7	71.8	107.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008857.D
Acq: 11 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	43.5	130.5
150	156.3	0.0	348.8

