

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008731.D
 Acq On : 06 Apr 2019 19:22
 Operator : JC/SP
 Sample : K2295-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY074MW061-190404

Quant Time: Apr 08 04:34:27 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

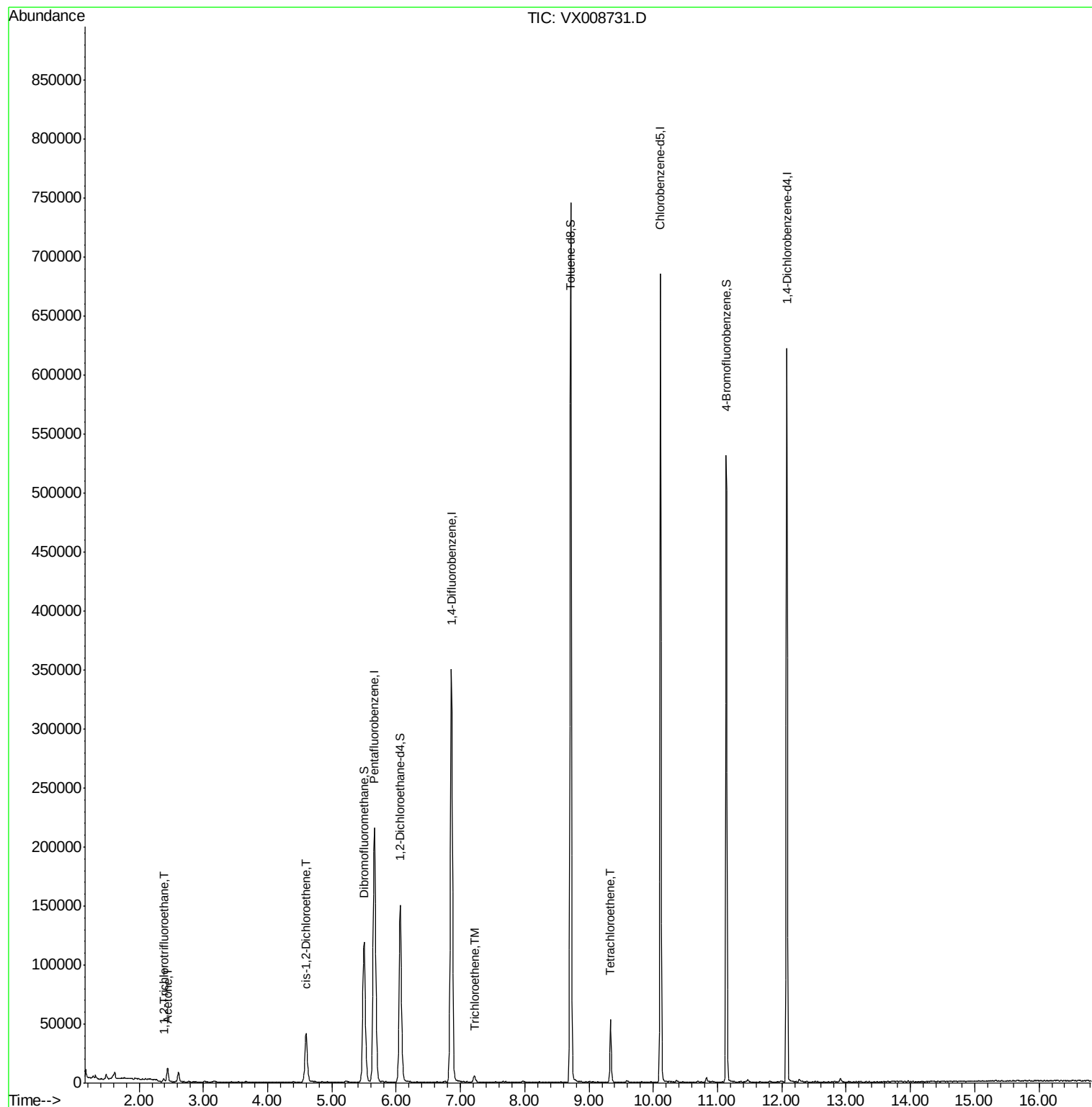
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142102	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	5.50	113	102712	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	8.71	98	430017	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	142096	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1152	0.502	ug/l	98
16) Acetone	2.44	43	13080	7.518	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	25446	8.545	ug/l	89
44) Trichloroethene	7.21	130	1944	0.749	ug/l	90
64) Tetrachloroethene	9.34	164	9946	4.551	ug/l	94

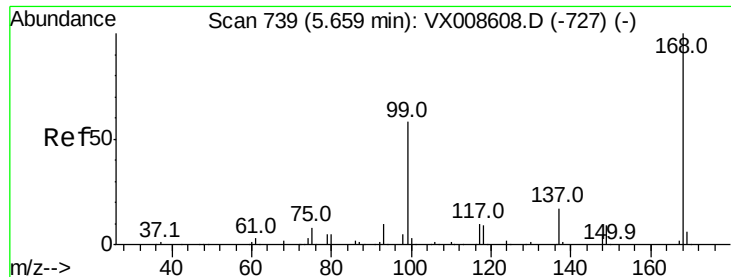
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008731.D

Acq: 06 Apr 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

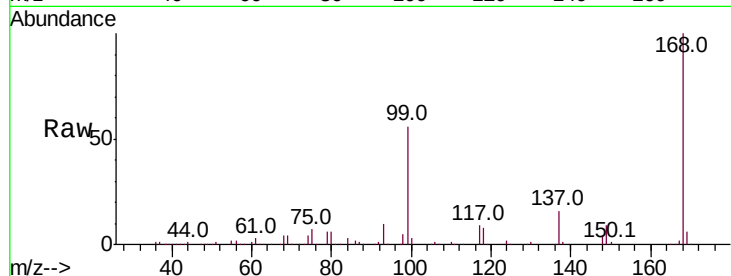
KY074MW061-190404

Tot Ion:168 Resp: 207114

Ion Ratio Lower Upper

168 100

99 55.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

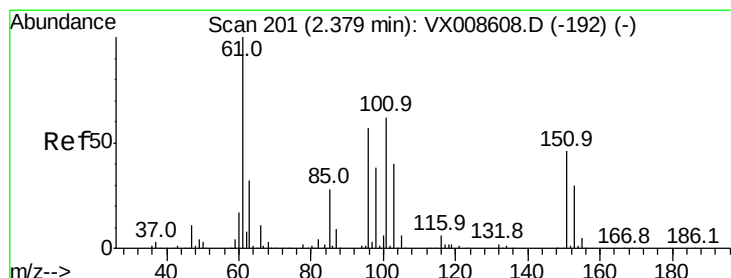
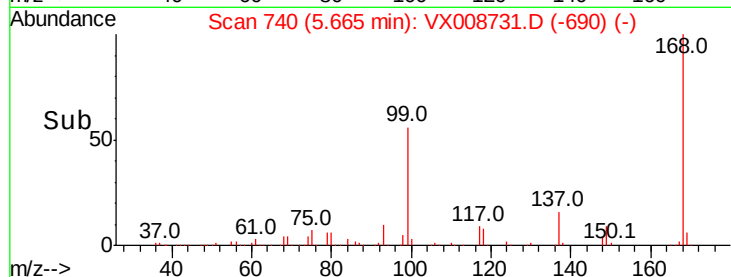
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.502 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008731.D

Acq: 06 Apr 2019 19:22

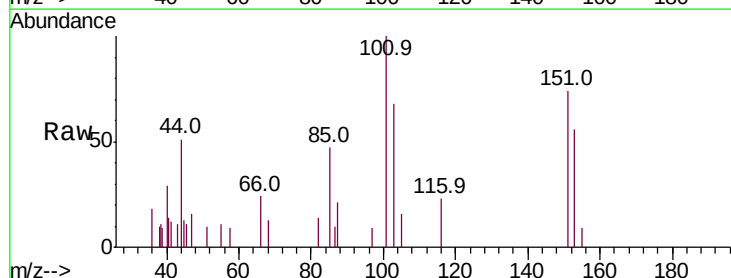
Tgt Ion:101 Resp: 1152

Ion Ratio Lower Upper

101 100

85 45.6 36.0 54.0

151 72.0 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

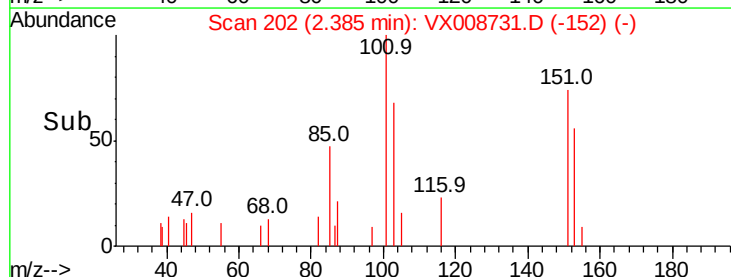
600

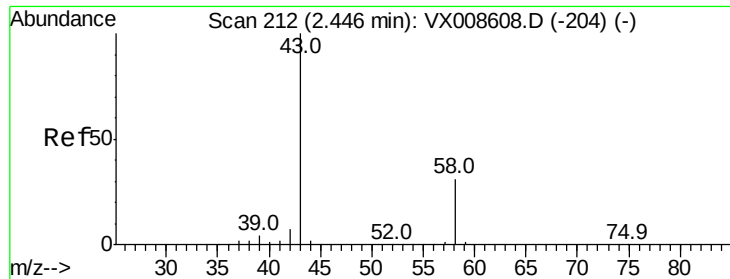
400

200

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 7.518 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008731.D

Acq: 06 Apr 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

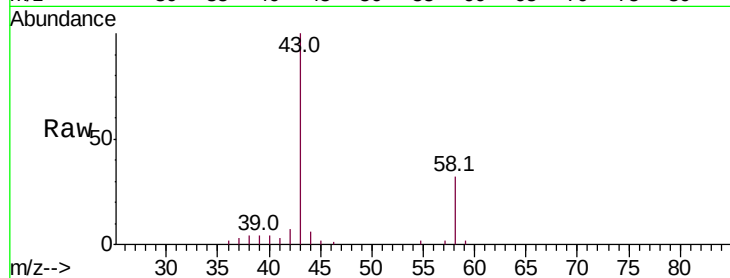
KY074MW061-190404

Tot Ion: 43 Resp: 13080

Ion Ratio Lower Upper

43 100

58 32.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

6000

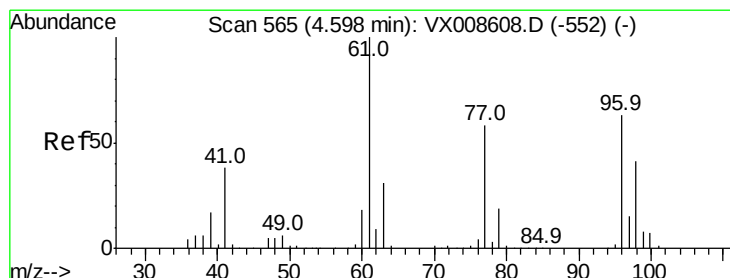
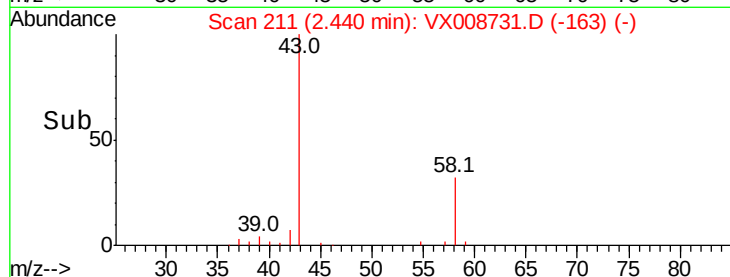
4000

2000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#27

cis-1,2-Dichloroethene

Concen: 8.545 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008731.D

Acq: 06 Apr 2019 19:22

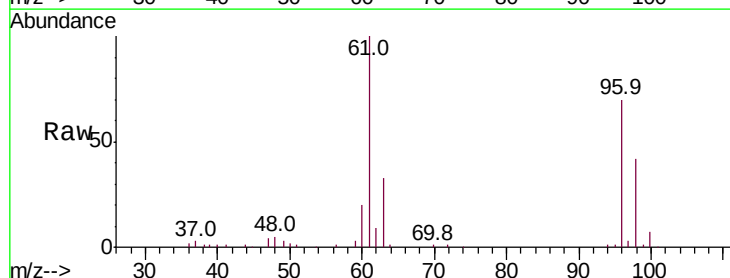
Tgt Ion: 96 Resp: 25446

Ion Ratio Lower Upper

96 100

61 143.0 0.0 327.6

98 63.4 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

15000

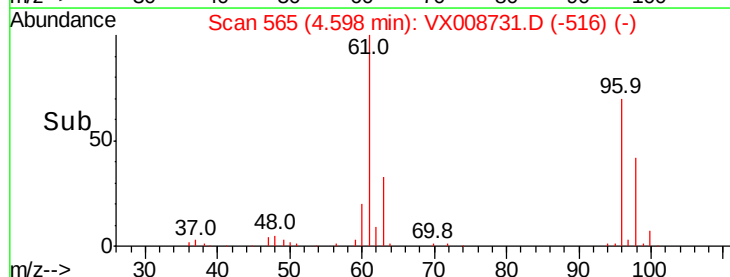
10000

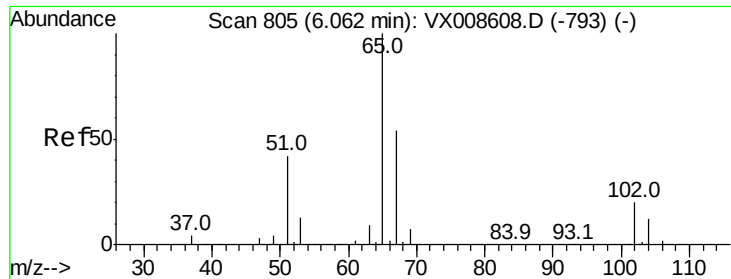
5000

0

Time-->

4.50 4.60 4.70

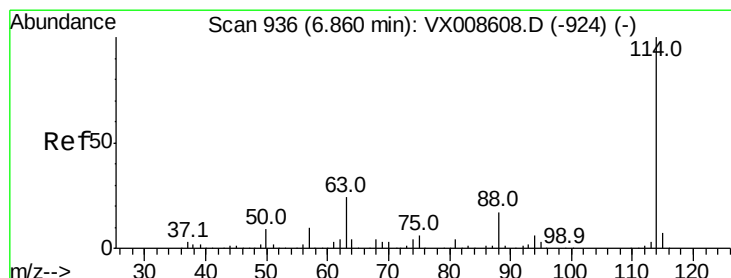
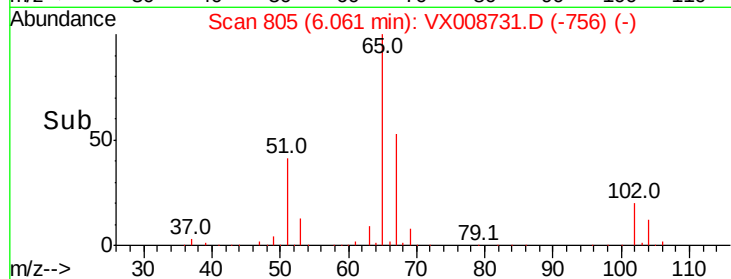
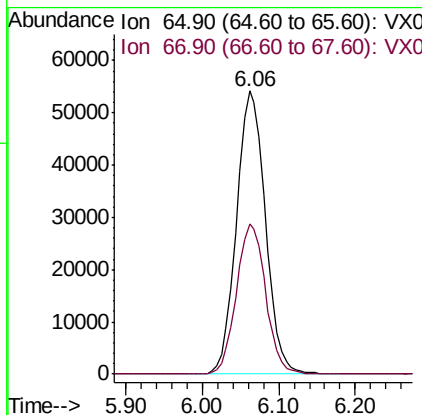
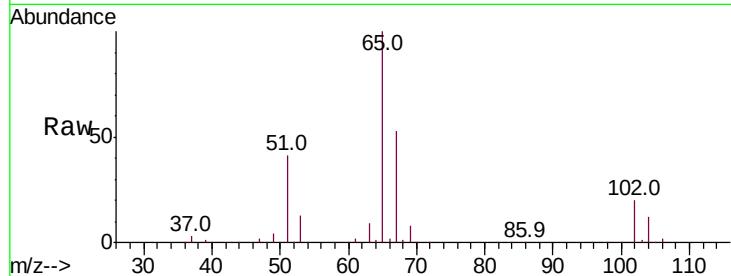




#33
 1,2-Dichloroethane-d4
 Concen: 47.040 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008731.D
 Acq: 06 Apr 2019 19:22

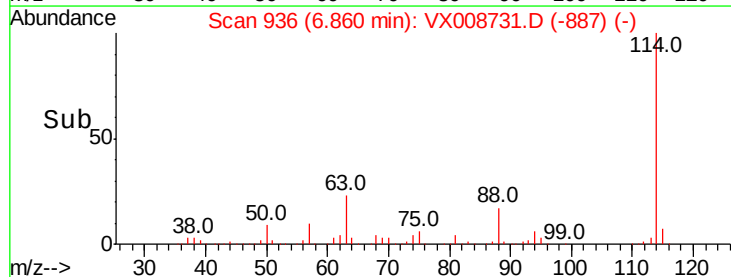
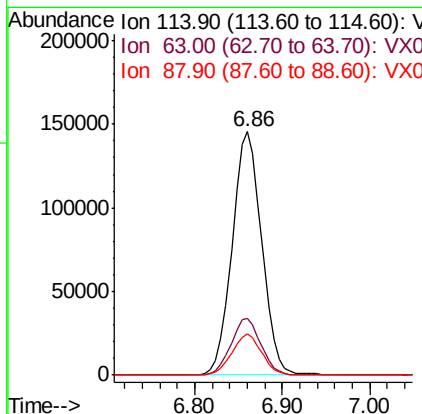
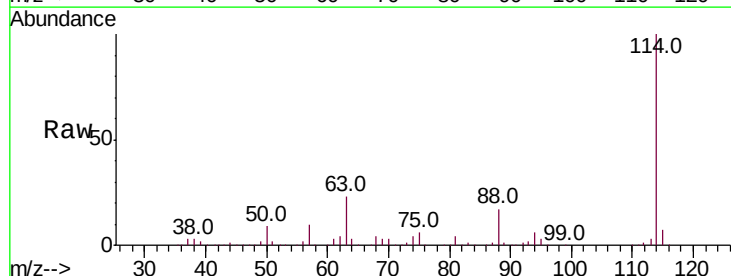
Instrument :
 MSVOA_X
 ClientSampleId :
 KY074MW061-190404

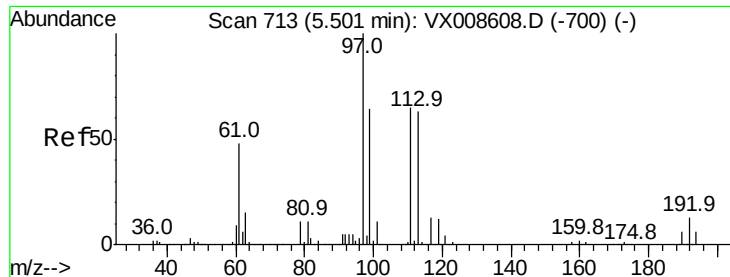
Tot Ion: 65 Resp: 142102
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008731.D
 Acq: 06 Apr 2019 19:22

Tgt Ion: 114 Resp: 342146
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.953 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008731.D

Acq: 06 Apr 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

KY074MW061-190404

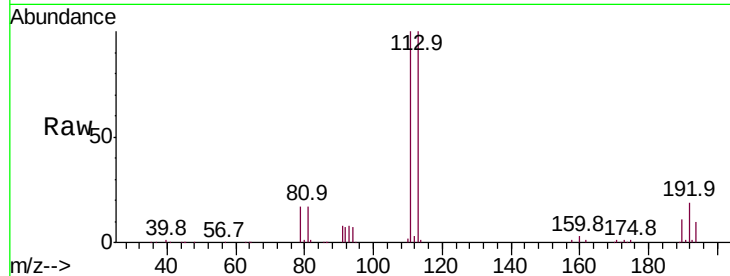
Tot Ion:113 Resp: 102712

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

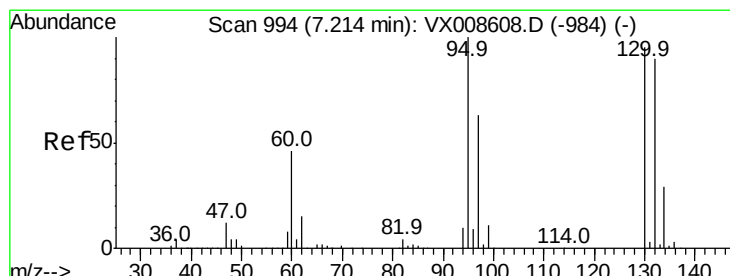
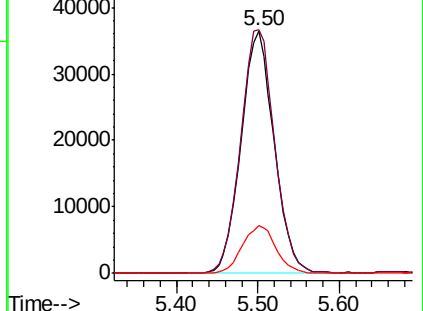
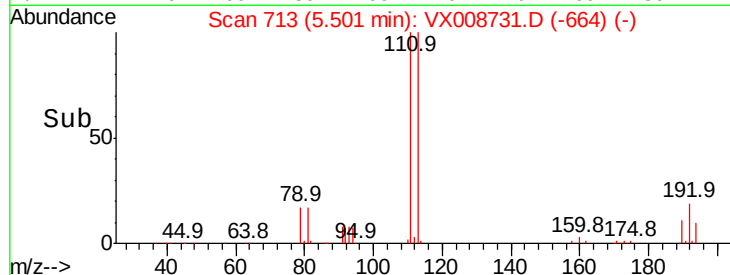
192 20.1 16.1 24.1



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: 0.749 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008731.D

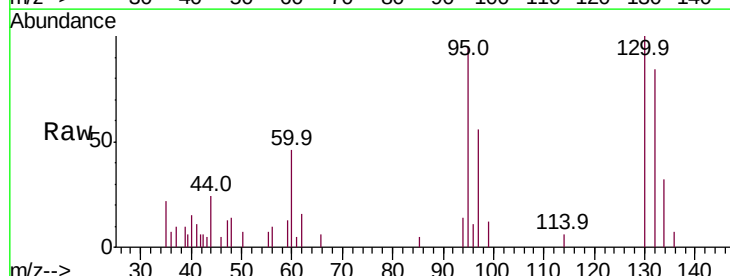
Acq: 06 Apr 2019 19:22

Tgt Ion:130 Resp: 1944

Ion Ratio Lower Upper

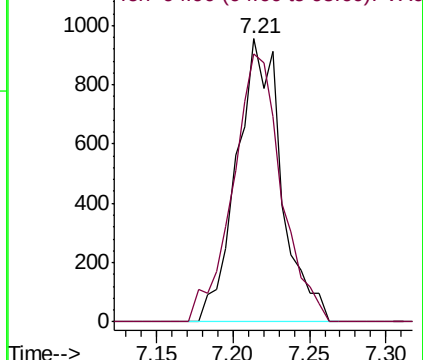
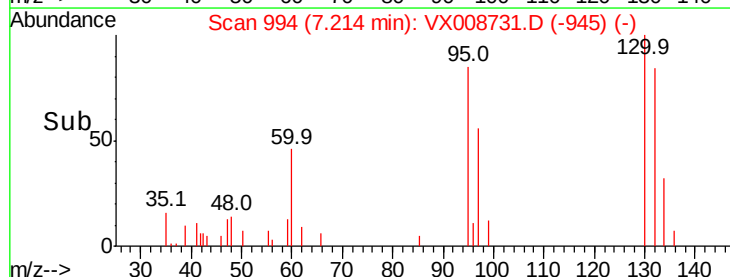
130 100

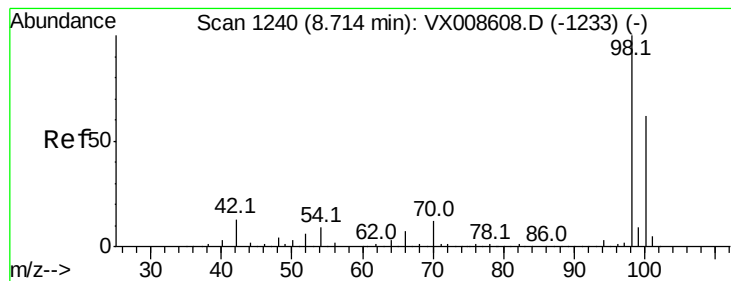
95 94.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.369 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008731.D

Acq: 06 Apr 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

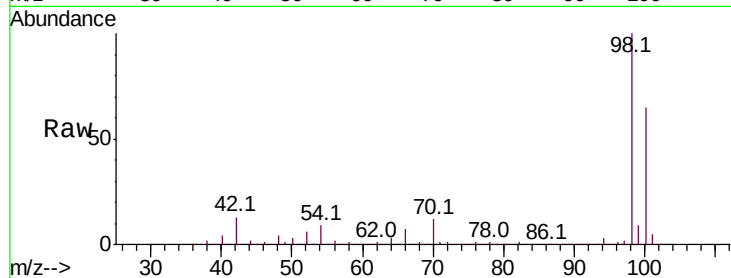
KY074MW061-190404

Tot Ion: 98 Resp: 430017

Ion Ratio Lower Upper

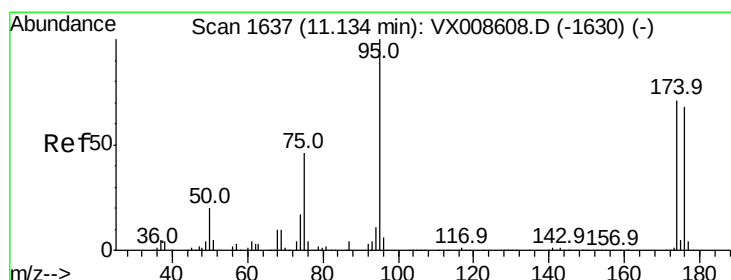
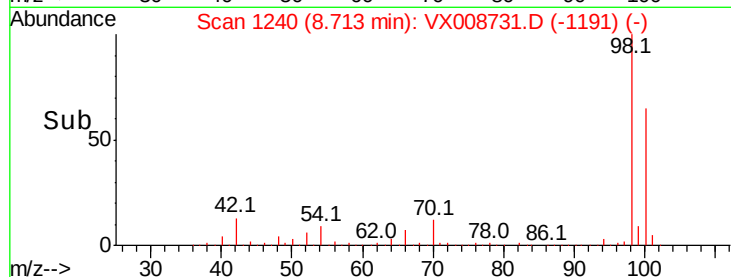
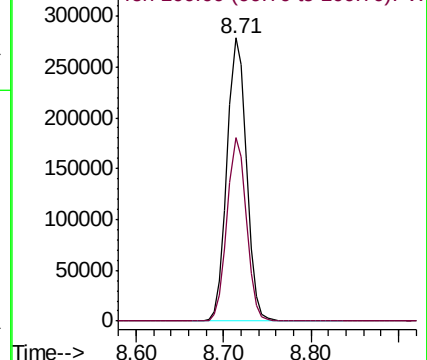
98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.004 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008731.D

Acq: 06 Apr 2019 19:22

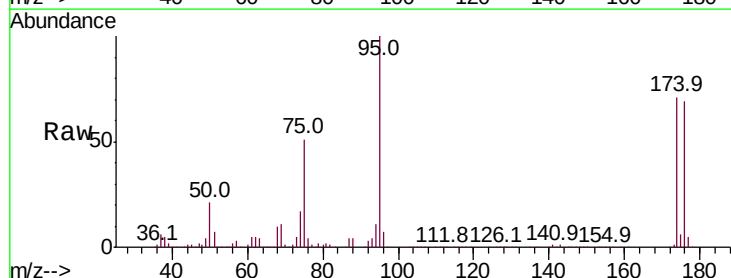
Tgt Ion: 95 Resp: 142096

Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.8

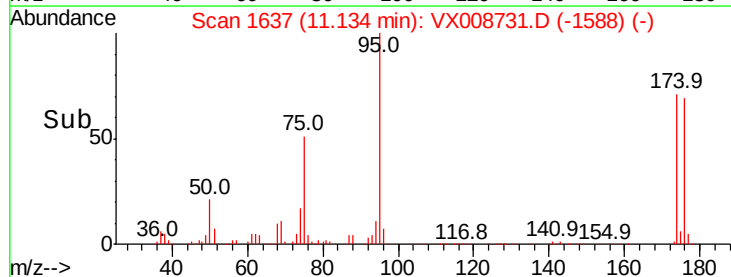
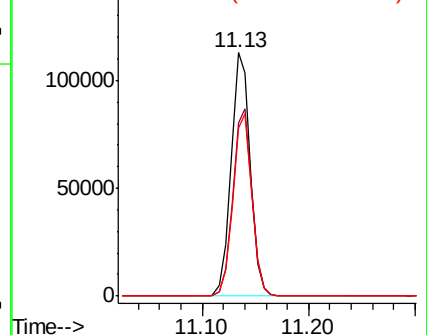
176 74.5 0.0 145.8

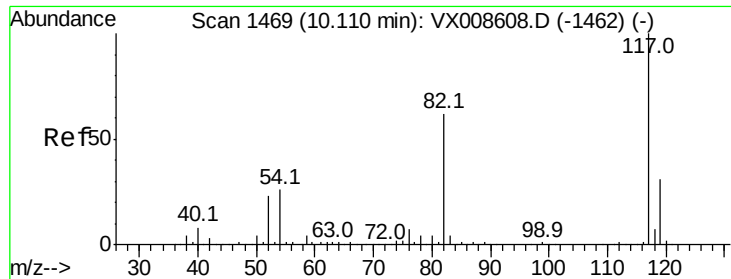


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

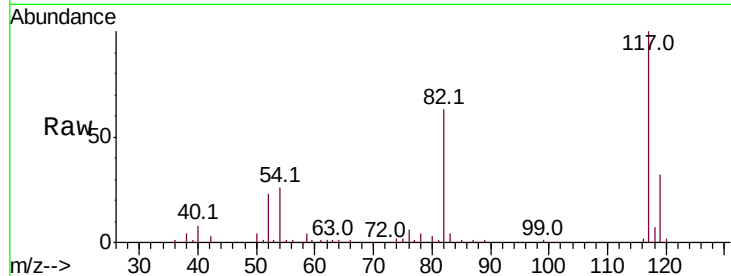




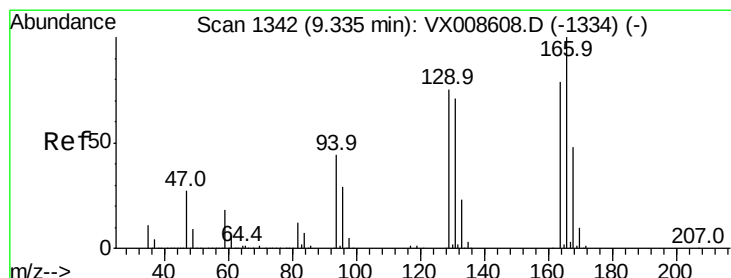
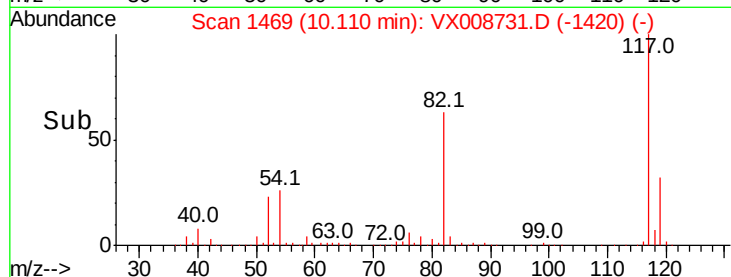
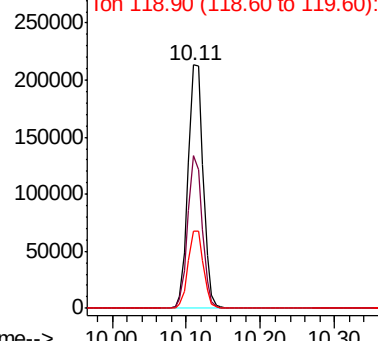
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008731.D
Acq: 06 Apr 2019 19:22

Instrument :
MSVOA_X
ClientSampleId :
KY074MW061-190404

Tot Ion:117 Resp: 294975
Ion Ratio Lower Upper
117 100
82 62.6 49.6 74.4
119 31.9 25.0 37.4

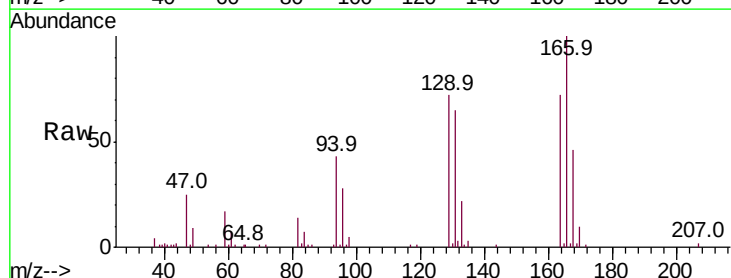


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

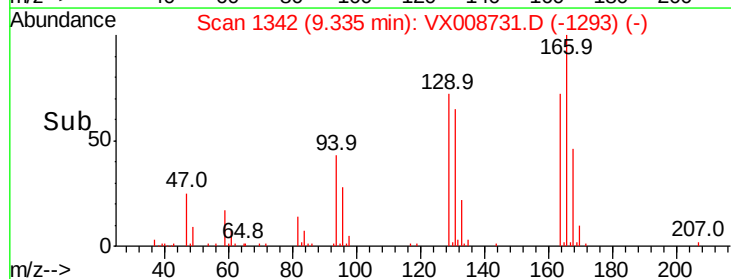
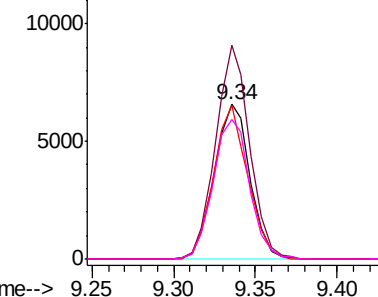


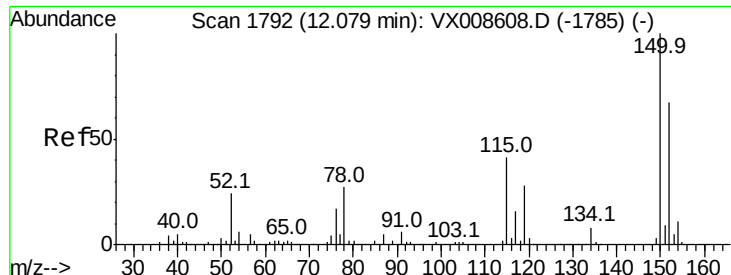
#64
Tetrachloroethene
Concen: 4.551 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008731.D
Acq: 06 Apr 2019 19:22

Tgt Ion:164 Resp: 9946
Ion Ratio Lower Upper
164 100
166 138.1 101.0 151.6
129 99.2 75.8 113.8
131 89.9 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008731.D
 Acq: 06 Apr 2019 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 KY074MW061-190404

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.5	130.5
150	155.4	0.0	348.8

