

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016816.D
 Acq On : 17 Jun 2020 15:07
 Operator : JC/SP
 Sample : L2993-04DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610DL

Quant Time: Jun 18 01:15:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

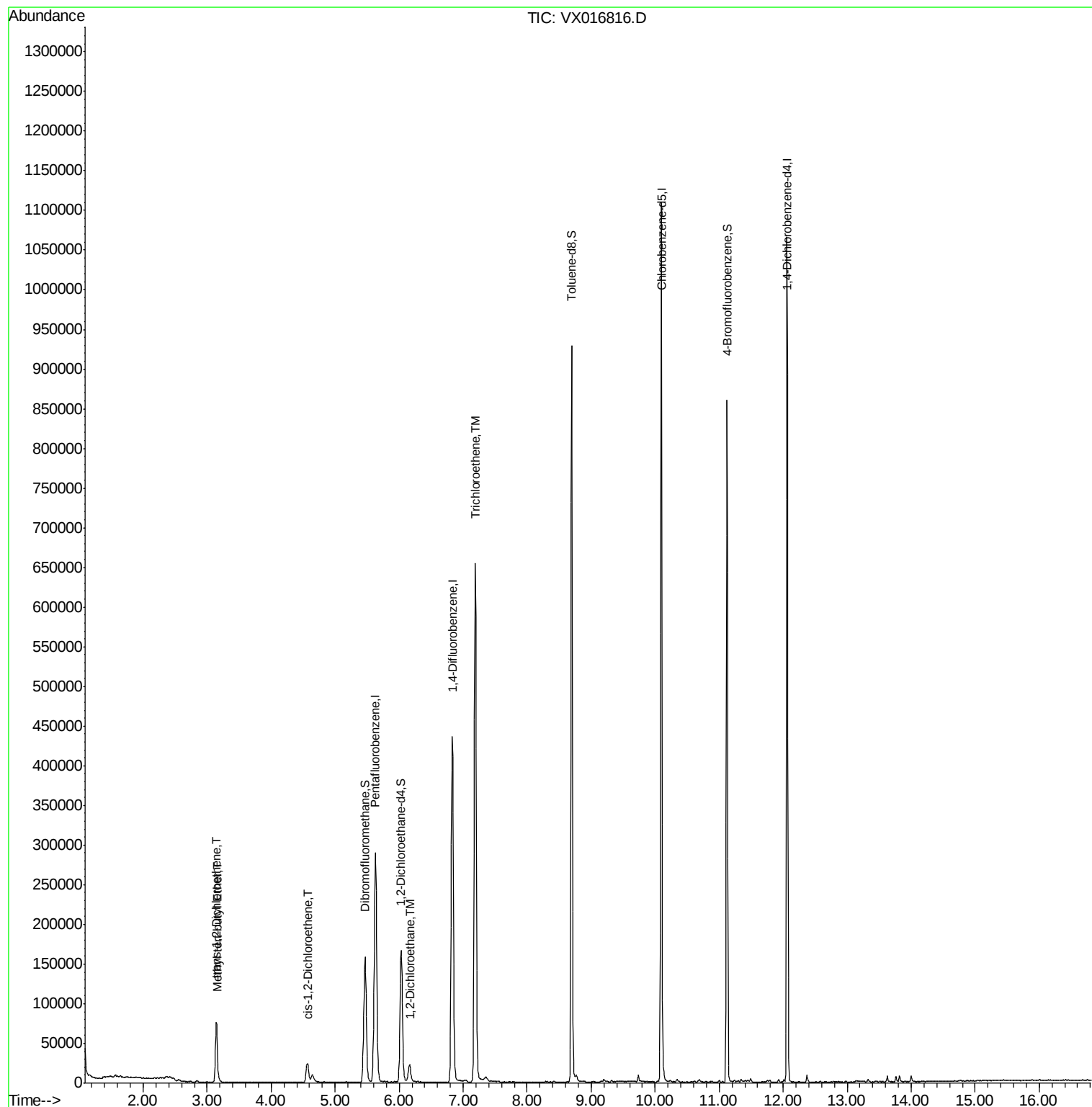
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	466490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	535194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	161028	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	5.47	113	139601	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	8.70	98	552755	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.12	95	232246	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
Target Compounds						
19) Methyl tert-butyl Ether	3.16	73	8233	0.845	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	31988	10.412	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	16285	4.638	ug/l	90
42) 1,2-Dichloroethane	6.16	62	24038	5.247	ug/l	98
44) Trichloroethene	7.19	130	268485	69.152	ug/l	97

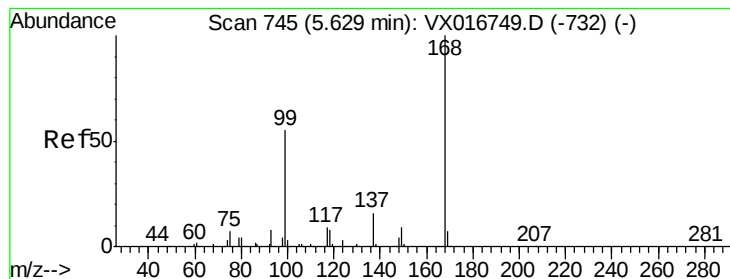
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016816.D

Acq: 17 Jun 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

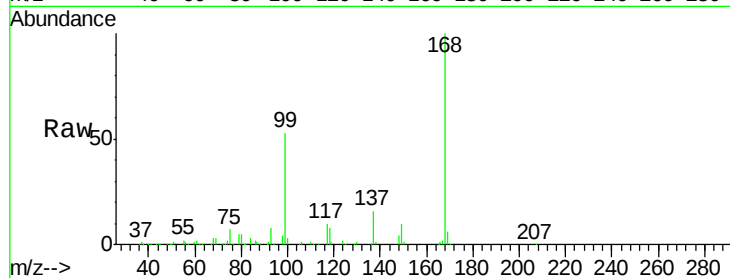
SS043MW014-200610DL

Tot Ion:168 Resp: 292504

Ion Ratio Lower Upper

168 100

99 52.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

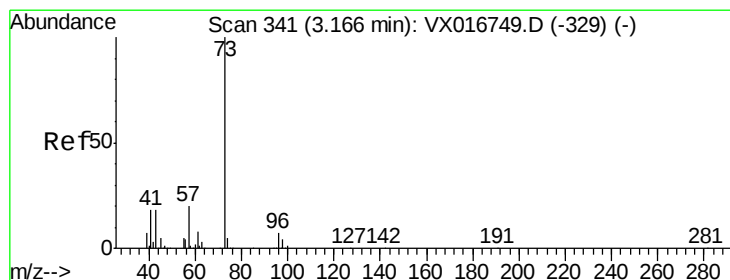
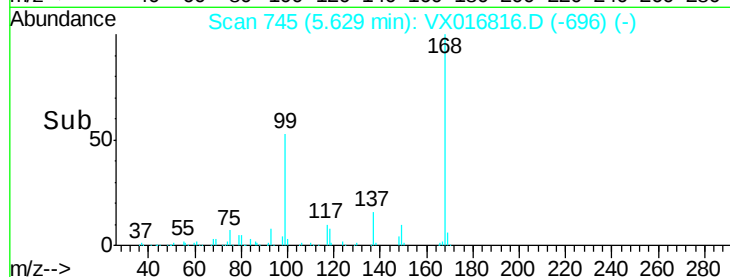
40000

20000

0

Time-->

5.50 5.60 5.70



#19

Methyl tert-butyl Ether

Concen: 0.845 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX016816.D

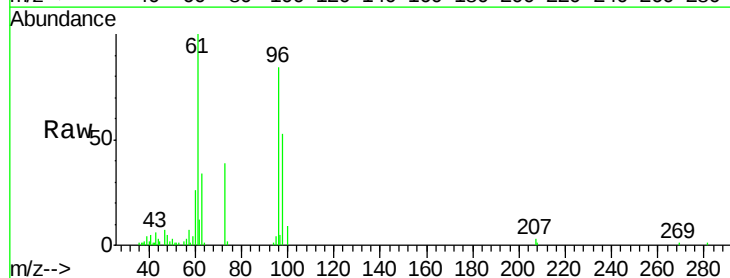
Acq: 17 Jun 2020 15:07

Tgt Ion: 73 Resp: 8233

Ion Ratio Lower Upper

73 100

57 18.5 16.2 24.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.16

4000

3000

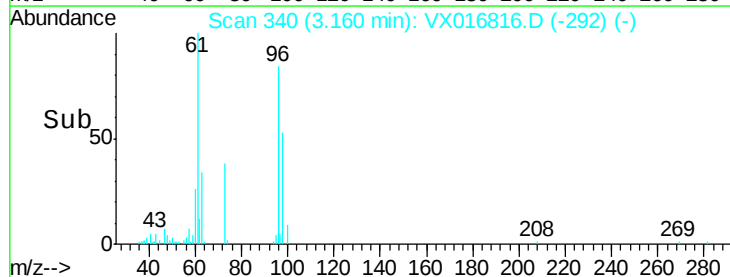
2000

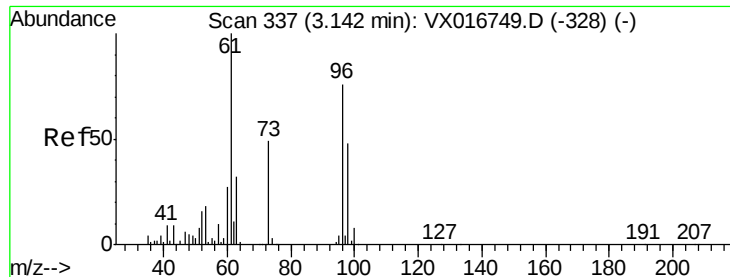
1000

0

Time-->

3.05 3.10 3.15 3.20 3.25





#21

trans-1,2-Dichloroethene

Concen: 10.412 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016816.D

Acq: 17 Jun 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610DL

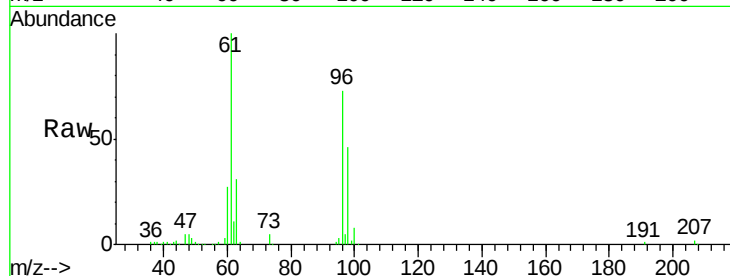
Tot Ion: 96 Resp: 31988

Ion Ratio Lower Upper

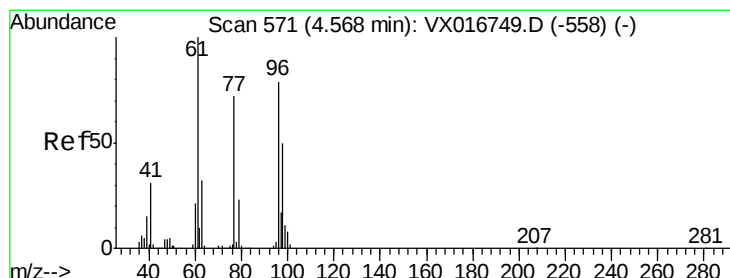
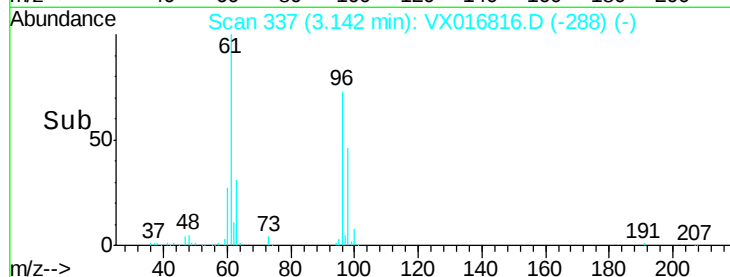
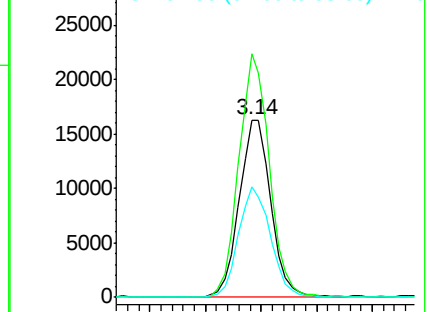
96 100

61 137.5 105.4 158.2

98 62.6 50.8 76.2



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



#27

cis-1,2-Dichloroethene

Concen: 4.638 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016816.D

Acq: 17 Jun 2020 15:07

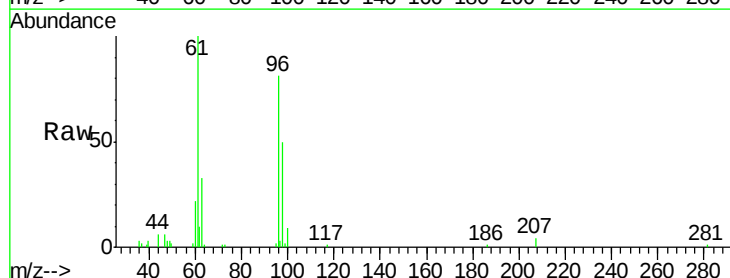
Tgt Ion: 96 Resp: 16285

Ion Ratio Lower Upper

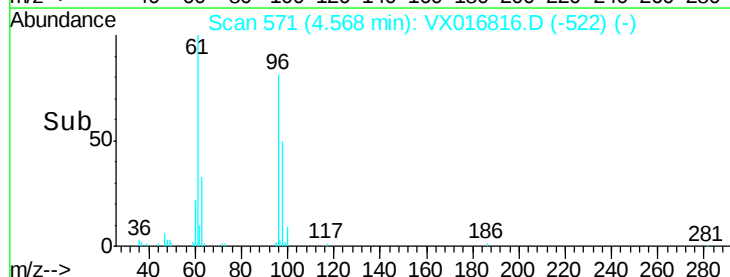
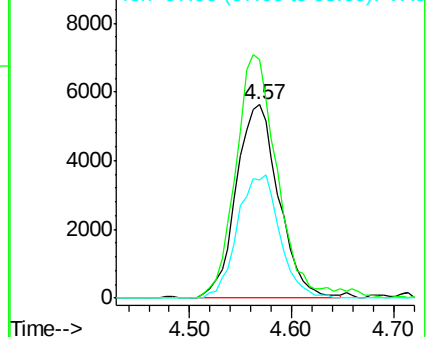
96 100

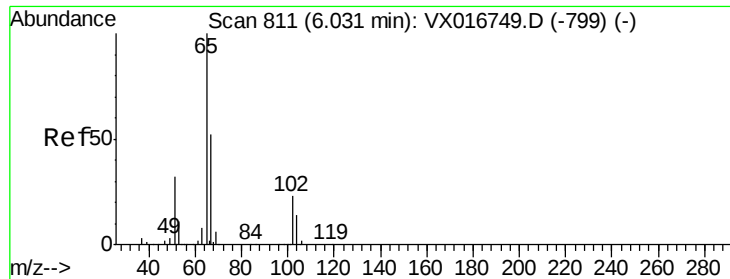
61 121.8 0.0 276.2

98 63.1 0.0 130.0



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

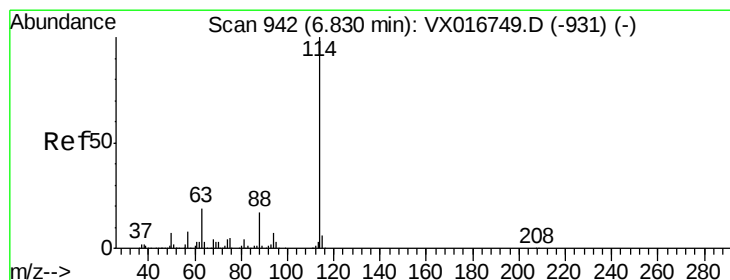
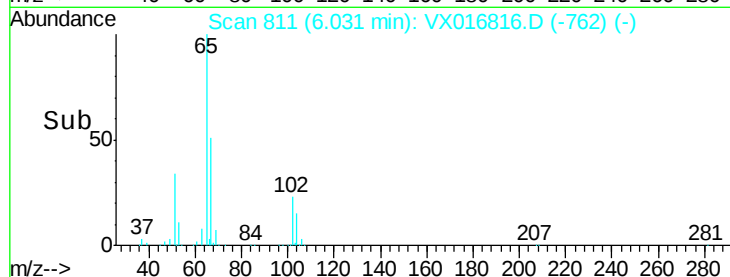
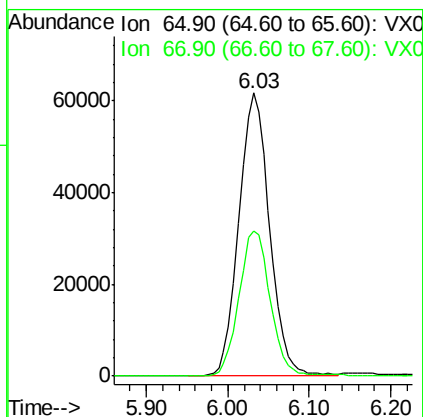
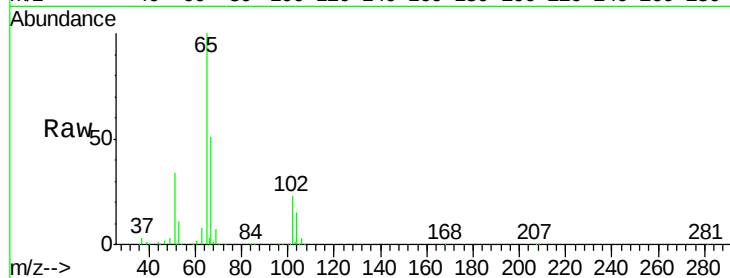




#33
 1,2-Dichloroethane-d4
 Concen: 48.946 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016816.D
 Acq: 17 Jun 2020 15:07

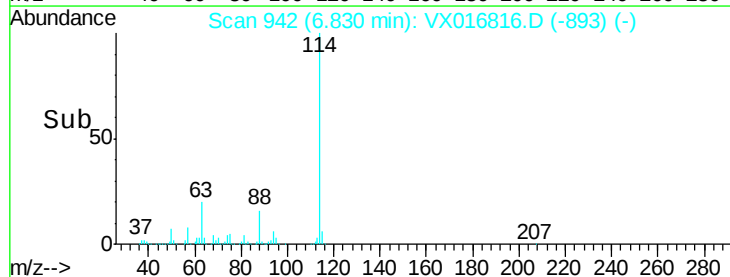
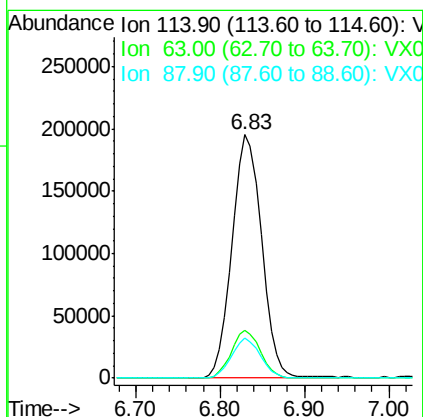
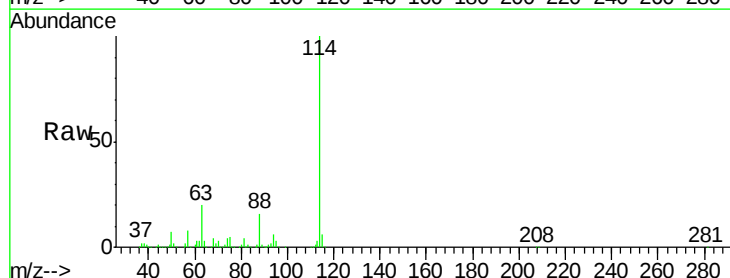
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610DL

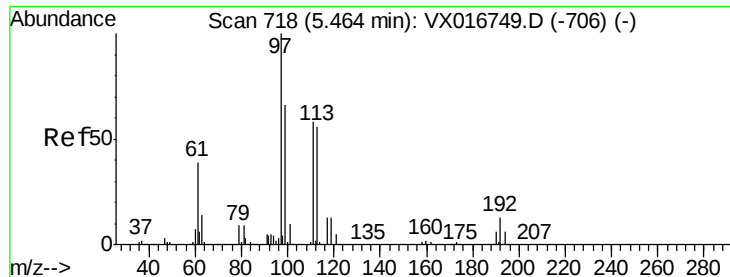
Tot Ion: 65 Resp: 161028
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016816.D
 Acq: 17 Jun 2020 15:07

Tgt Ion: 114 Resp: 466490
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.503 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016816.D

Acq: 17 Jun 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610DL

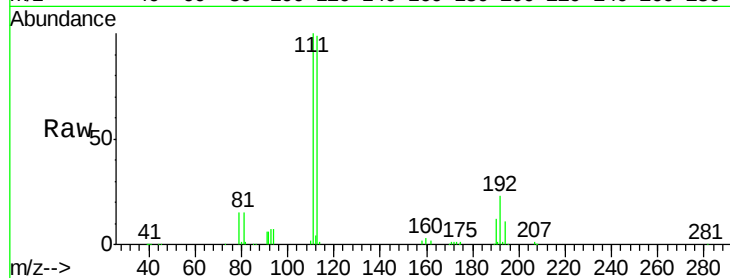
Tot Ion:113 Resp: 139601

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.6

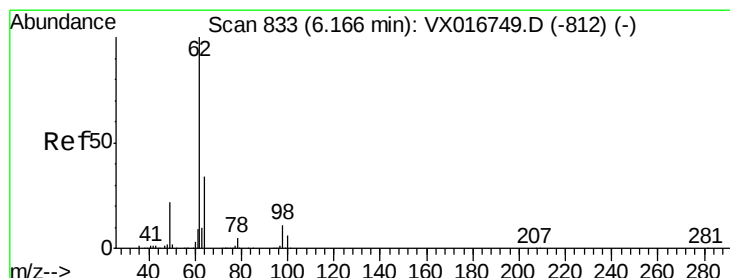
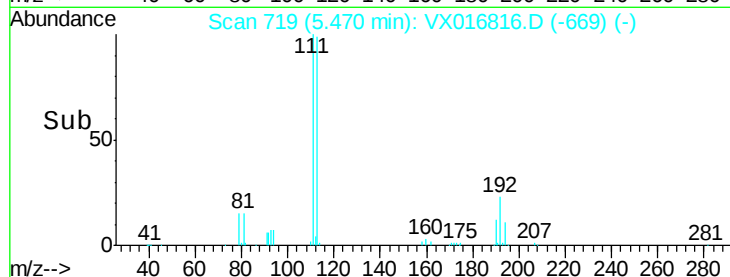
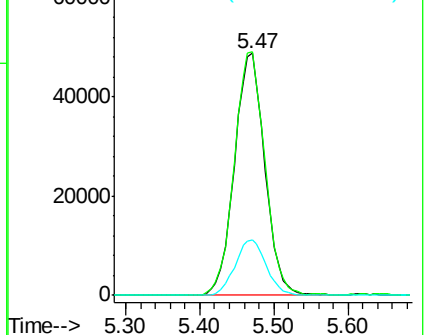
192 23.5 18.2 27.4



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



#42

1,2-Dichloroethane

Concen: 5.247 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016816.D

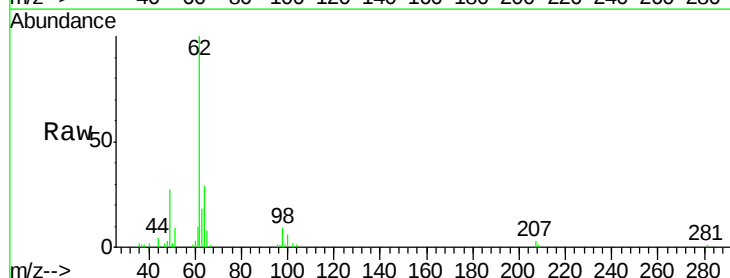
Acq: 17 Jun 2020 15:07

Tgt Ion: 62 Resp: 24038

Ion Ratio Lower Upper

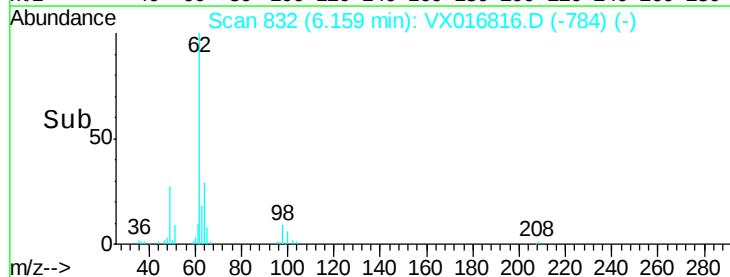
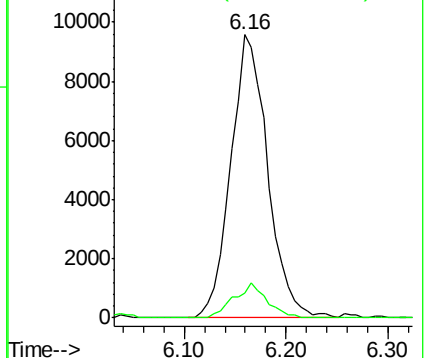
62 100

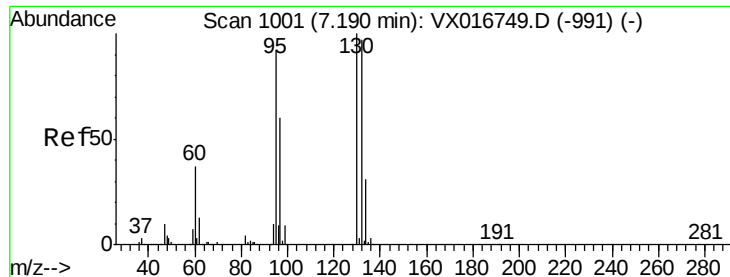
98 10.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 69.152 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016816.D

Acq: 17 Jun 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

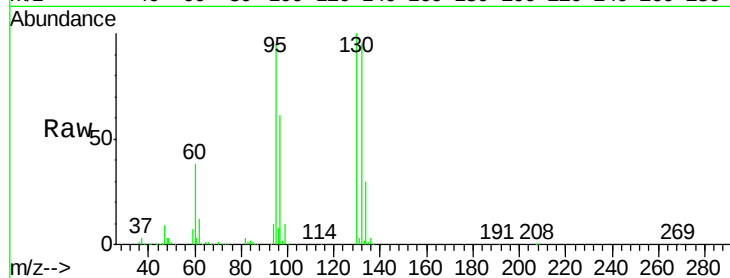
SS043MW014-200610DL

Tot Ion:130 Resp: 268485

Ion Ratio Lower Upper

130 100

95 94.8 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

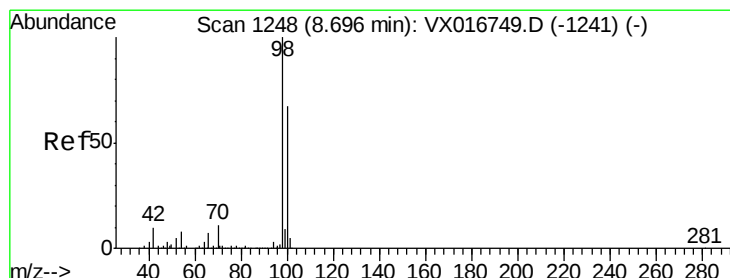
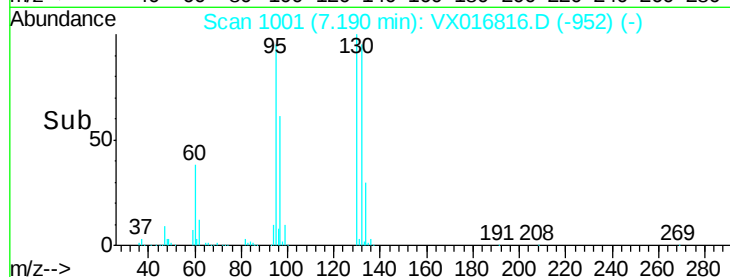
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 52.085 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016816.D

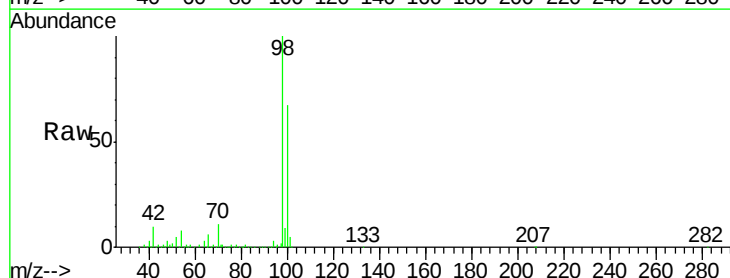
Acq: 17 Jun 2020 15:07

Tgt Ion: 98 Resp: 552755

Ion Ratio Lower Upper

98 100

100 67.5 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

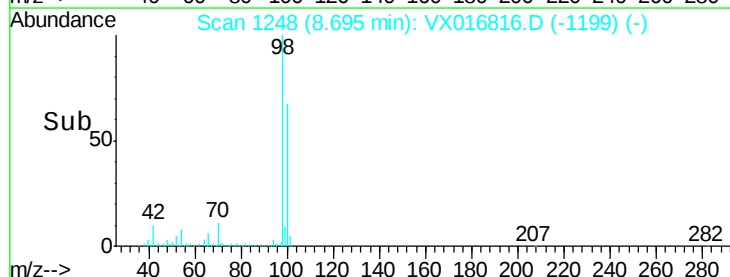
300000

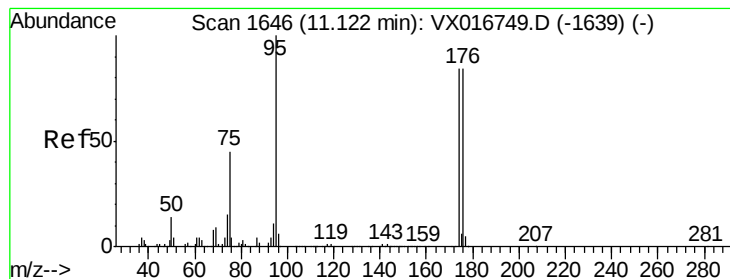
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 57.213 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016816.D

Acq: 17 Jun 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610DL

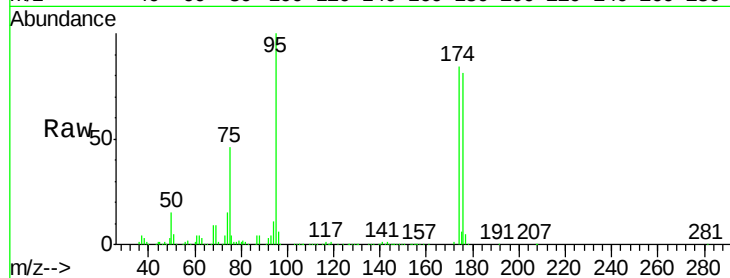
Tot Ion: 95 Resp: 232246

Ion Ratio Lower Upper

95 100

174 86.4 0.0 171.0

176 82.8 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX016749.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016749.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016749.D (-1639) (-)

11.12

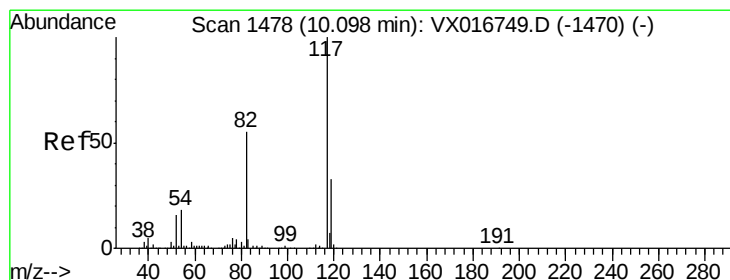
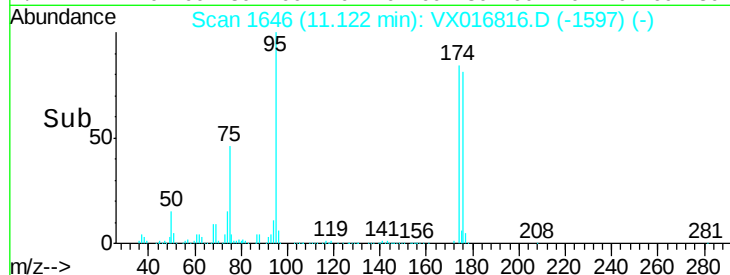
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016816.D

Acq: 17 Jun 2020 15:07

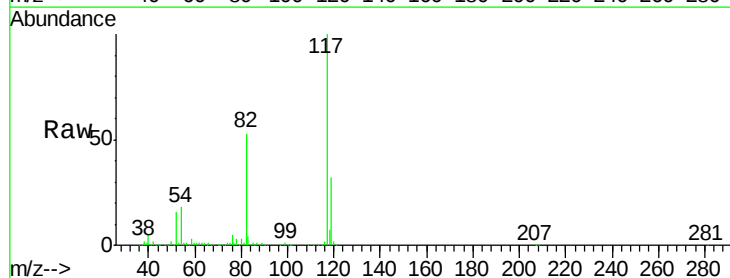
Tgt Ion: 117 Resp: 535194

Ion Ratio Lower Upper

117 100

82 52.7 43.8 65.6

119 32.2 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VX016749.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016749.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016749.D (-1470) (-)

10.10

500000

400000

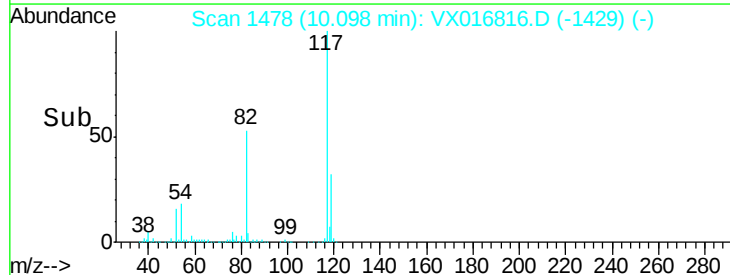
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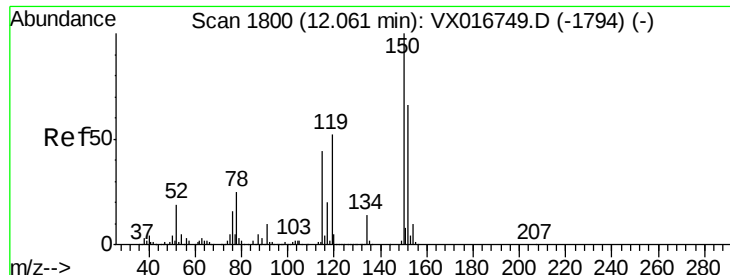
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016816.D

Acq: 17 Jun 2020 15:07

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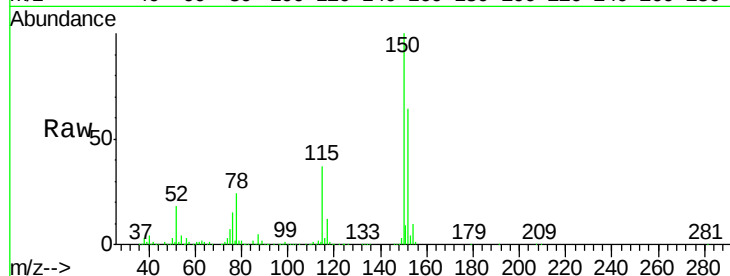
Tot Ion:152 Resp: 230461

Ion Ratio Lower Upper

152 100

115 57.3 40.3 120.8

150 156.6 0.0 337.4



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

