

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016302.D
 Acq On : 18 May 2020 16:33
 Operator : JC/SP
 Sample : L2649-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0681DL

Quant Time: May 19 01:54:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

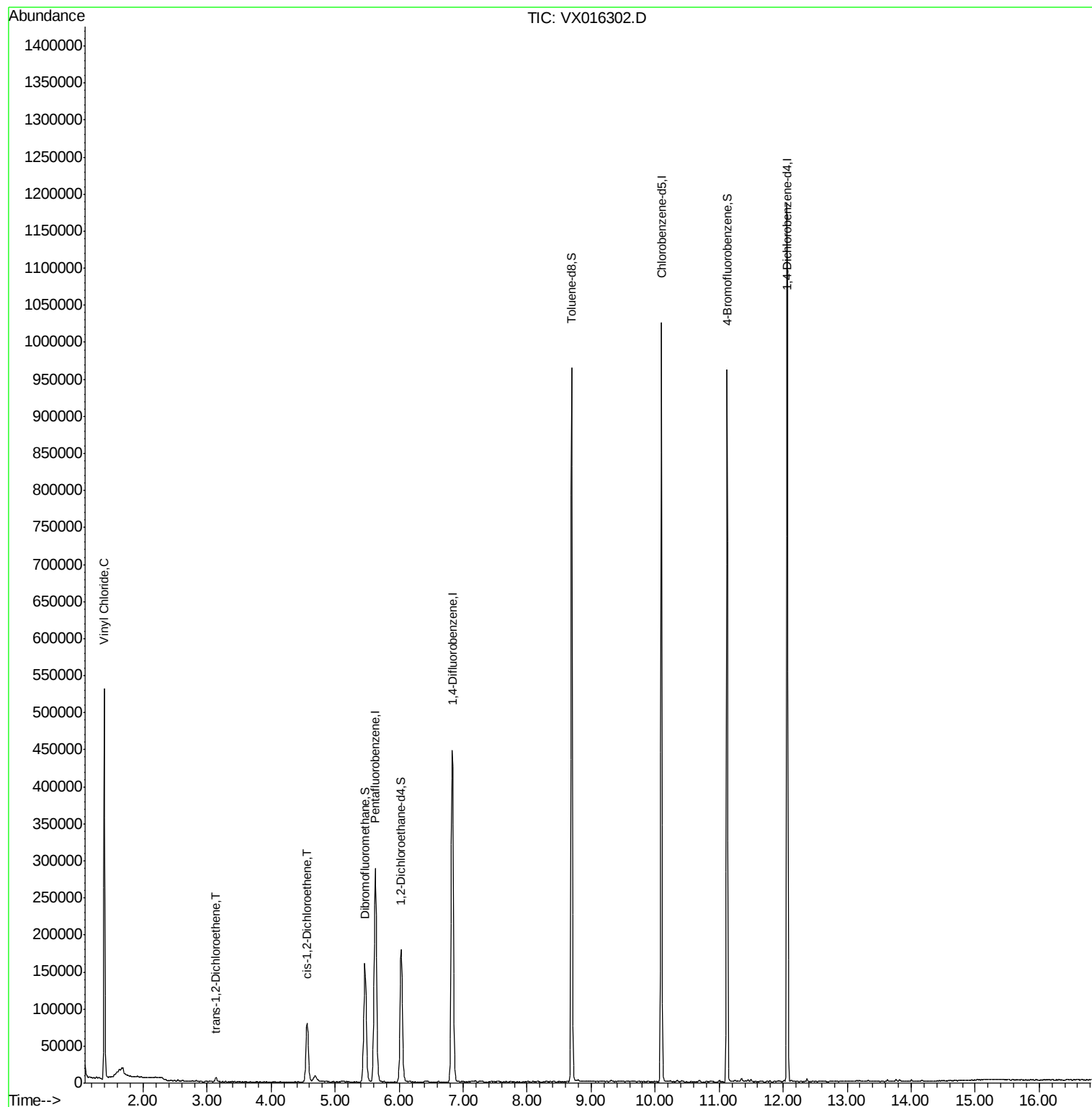
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	284931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	470019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167436	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
35) Dibromofluoromethane	5.46	113	140200	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	8.70	98	572948	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.12	95	248138	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
Target Compounds						
4) Vinyl Chloride	1.39	62	300938	80.534	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	2529	0.766	ug/l #	80
27) cis-1,2-Dichloroethene	4.56	96	52670	14.596	ug/l	86

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016302.D

Acq: 18 May 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

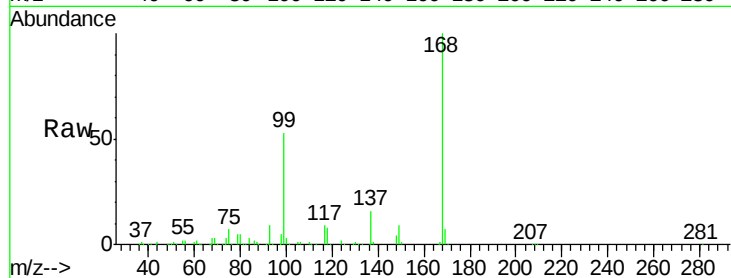
S32-0681DL

Tot Ion:168 Resp: 284931

Ion Ratio Lower Upper

168 100

99 53.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

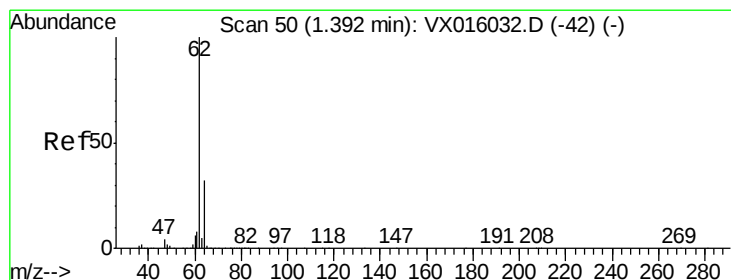
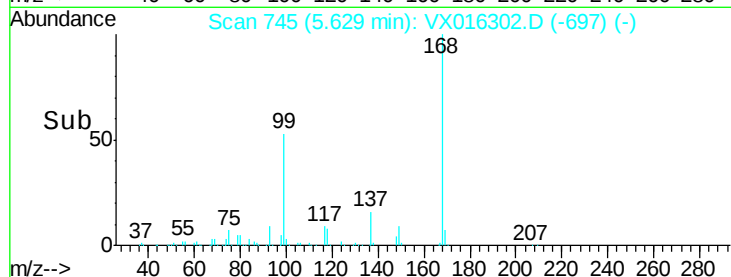
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 80.534 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016302.D

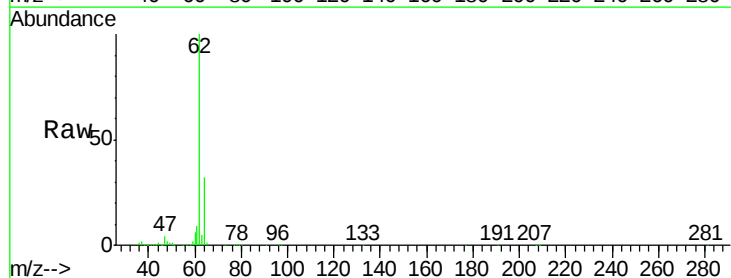
Acq: 18 May 2020 16:33

Tgt Ion: 62 Resp: 300938

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

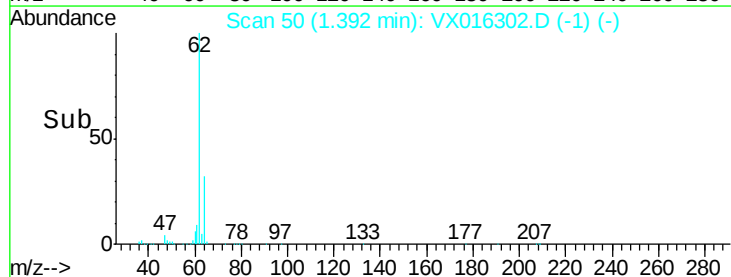
300000

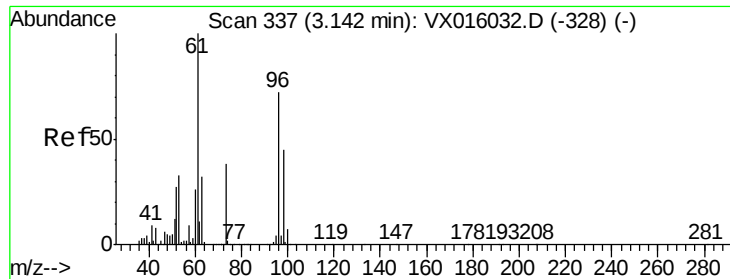
200000

100000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.766 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016302.D

Acq: 18 May 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

S32-0681DL

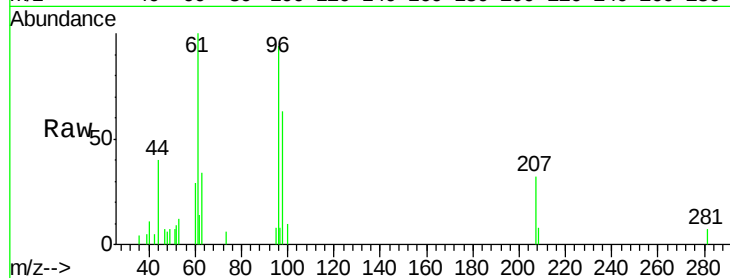
Tot Ion: 96 Resp: 2529

Ion Ratio Lower Upper

96 100

61 106.7 111.2 166.8#

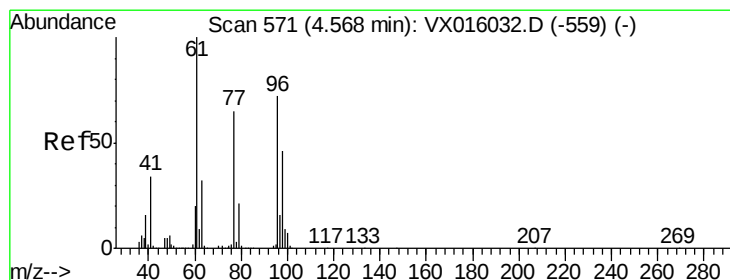
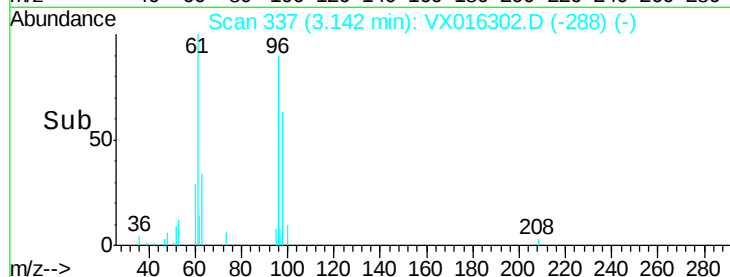
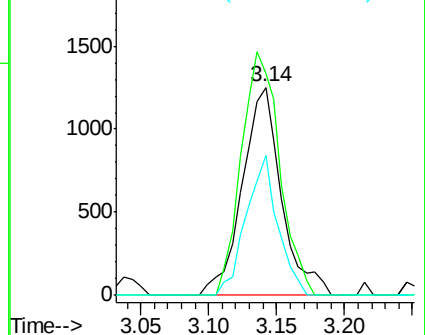
98 67.2 50.2 75.4



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: 14.596 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016302.D

Acq: 18 May 2020 16:33

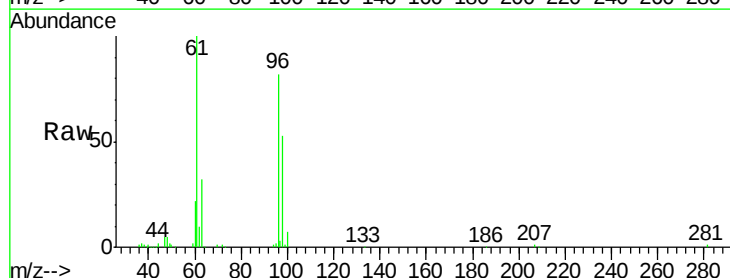
Tgt Ion: 96 Resp: 52670

Ion Ratio Lower Upper

96 100

61 123.5 0.0 296.2

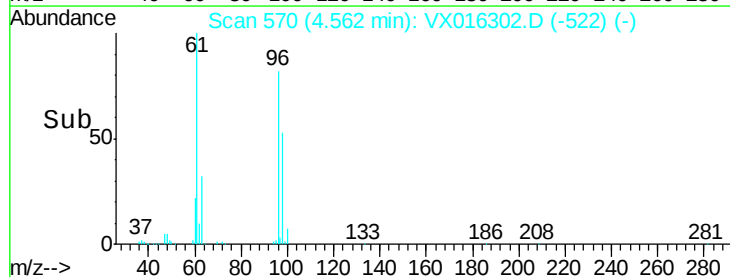
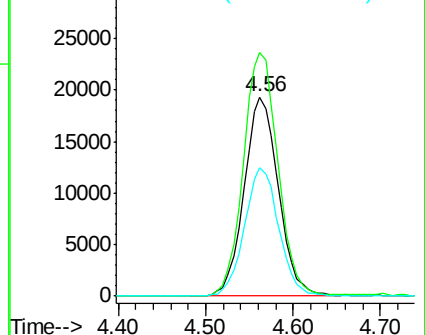
98 64.5 0.0 129.4

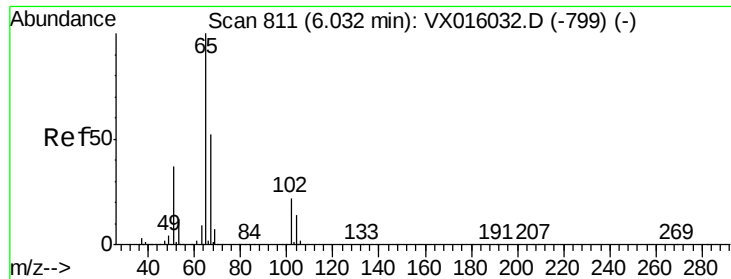


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

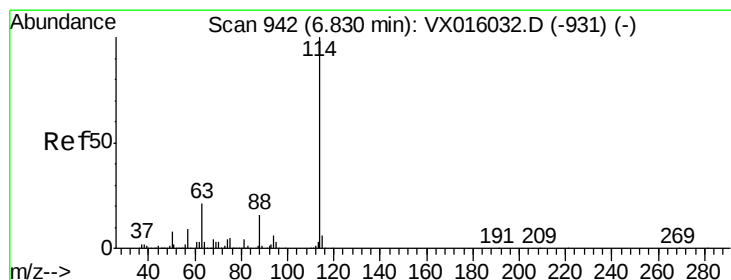
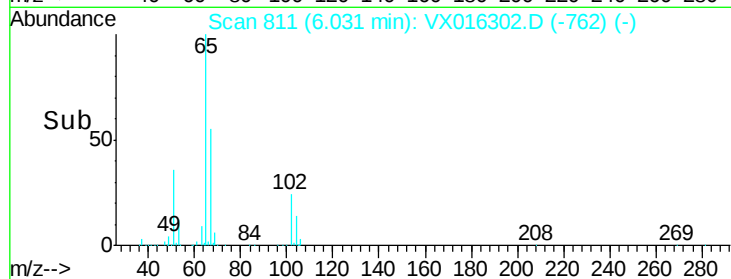
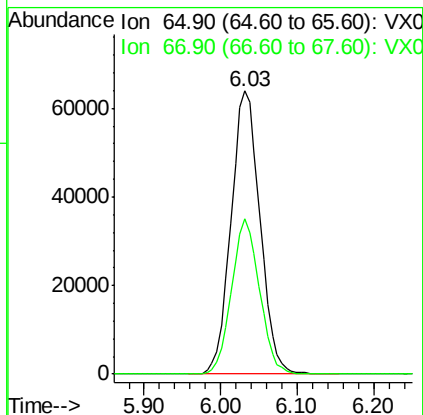
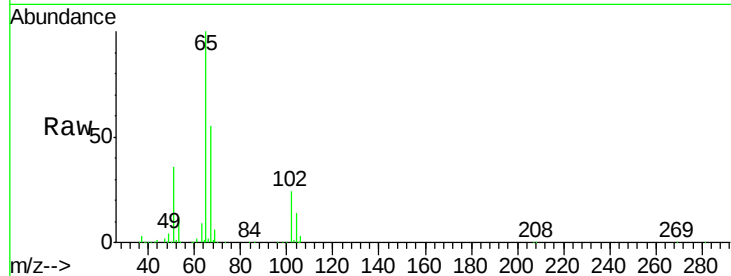




#33
 1,2-Dichloroethane-d4
 Concen: 44.657 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016302.D
 Acq: 18 May 2020 16:33

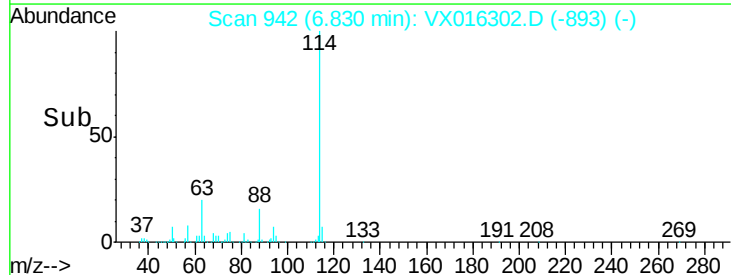
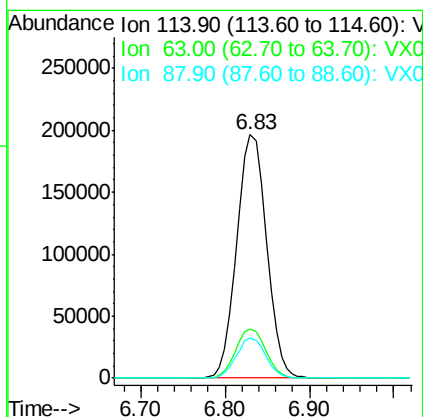
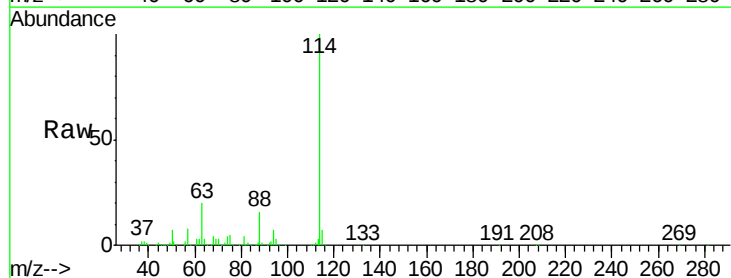
Instrument :
 MSVOA_X
 ClientSampleID :
 S32-0681DL

Tot Ion: 65 Resp: 167436
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016302.D
 Acq: 18 May 2020 16:33

Tgt Ion: 114 Resp: 470551
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.029 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016302.D

Acq: 18 May 2020 16:33

Instrument :

MSVOA_X

ClientSampled :

S32-0681DL

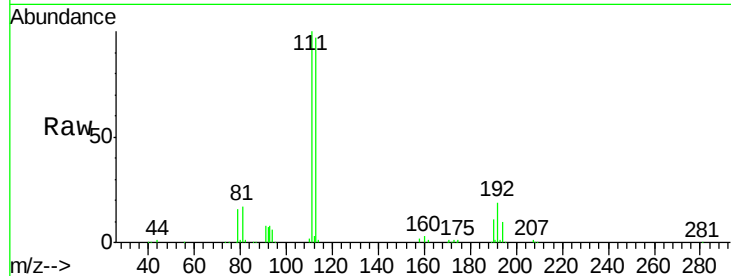
Tot Ion:113 Resp: 140200

Ion Ratio Lower Upper

113 100

111 103.9 81.6 122.4

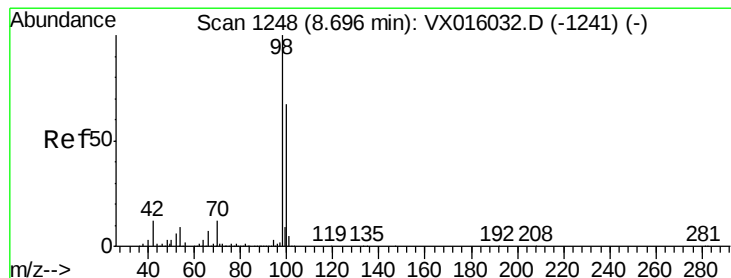
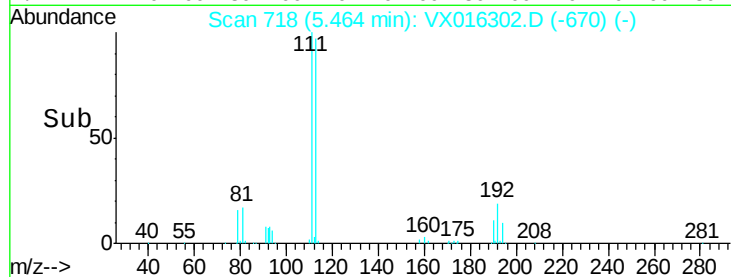
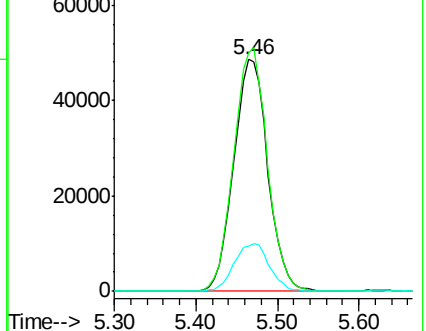
192 21.5 17.0 25.4



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: 49.880 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016302.D

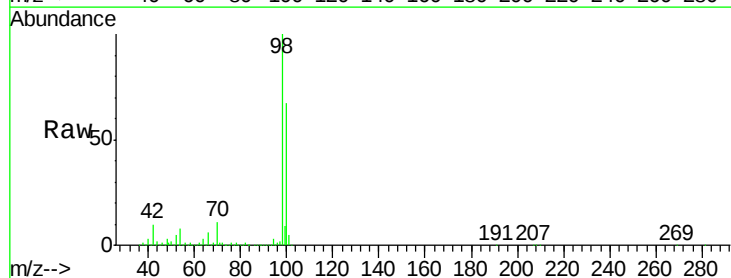
Acq: 18 May 2020 16:33

Tgt Ion: 98 Resp: 572948

Ion Ratio Lower Upper

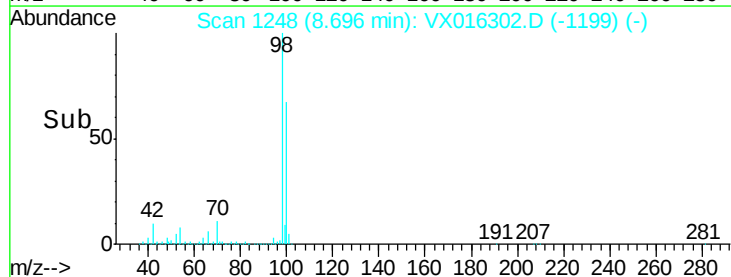
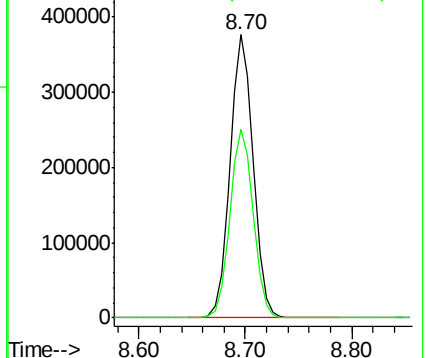
98 100

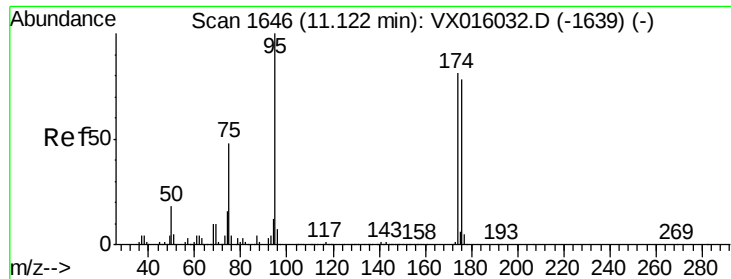
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.796 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016302.D

Acq: 18 May 2020 16:33

Instrument :

MSVOA_X

ClientSampled :

S32-0681DL

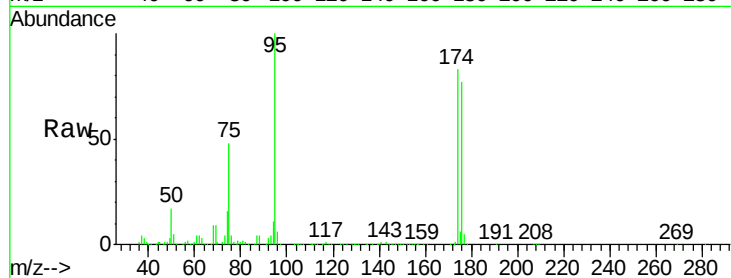
Tot Ion: 95 Resp: 248138

Ion Ratio Lower Upper

95 100

174 81.6 0.0 159.4

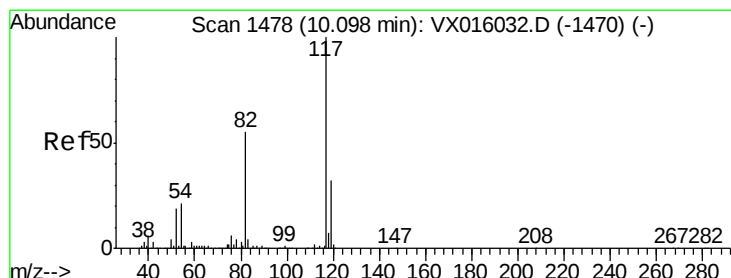
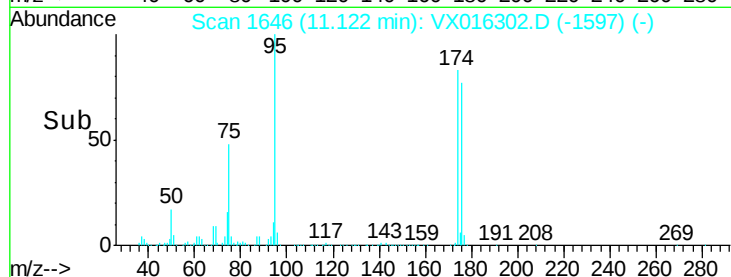
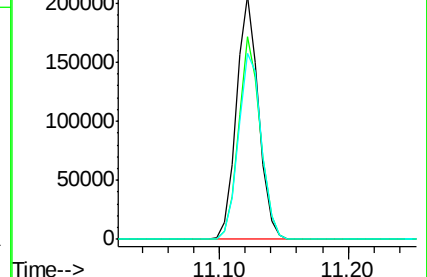
176 79.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016302.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016302.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016302.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016302.D

Acq: 18 May 2020 16:33

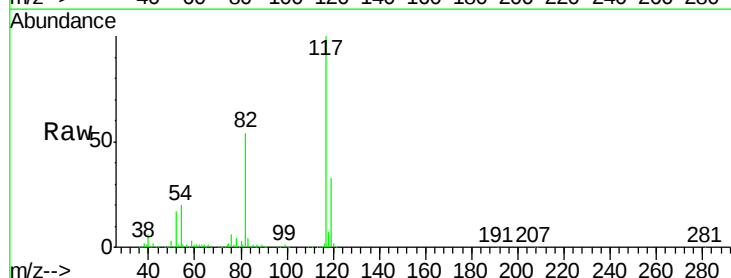
Tgt Ion: 117 Resp: 470019

Ion Ratio Lower Upper

117 100

82 54.5 44.4 66.6

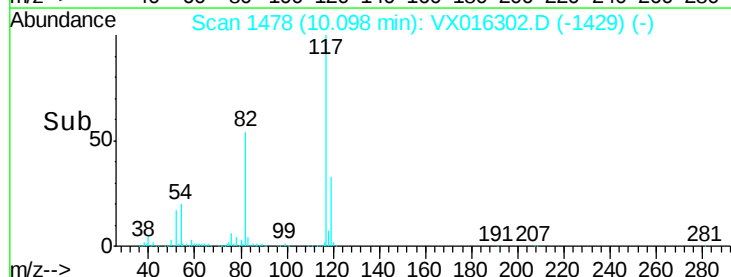
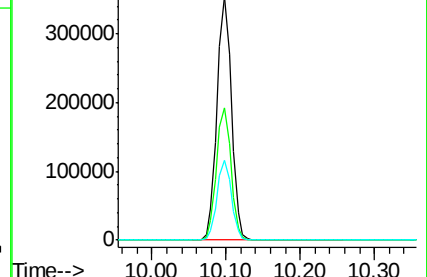
119 32.6 25.5 38.3

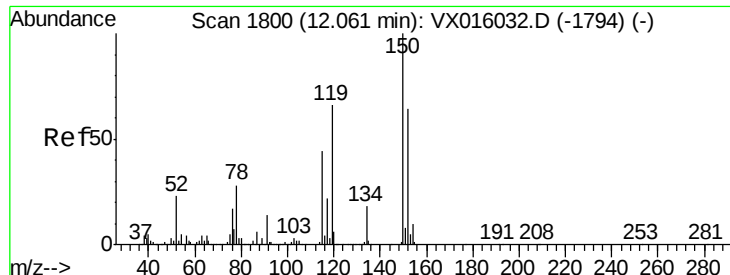


Abundance Ion 116.90 (116.60 to 117.60): VX016302.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016302.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016302.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016302.D

Acq: 18 May 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

S32-0681DL

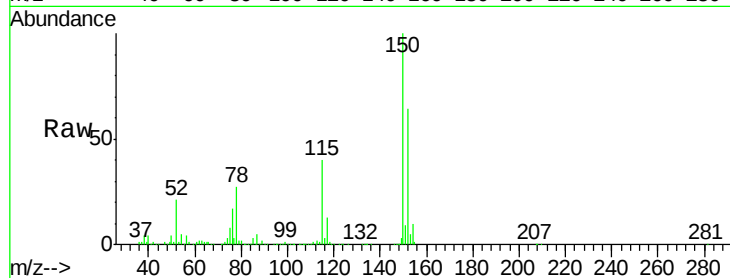
Tot Ion:152 Resp: 250810

Ion Ratio Lower Upper

152 100

115 58.6 41.3 124.1

150 153.9 0.0 352.2



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

