

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016303.D
 Acq On : 18 May 2020 16:55
 Operator : JC/SP
 Sample : L2649-03DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0682DL

Quant Time: May 19 09:50:46 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

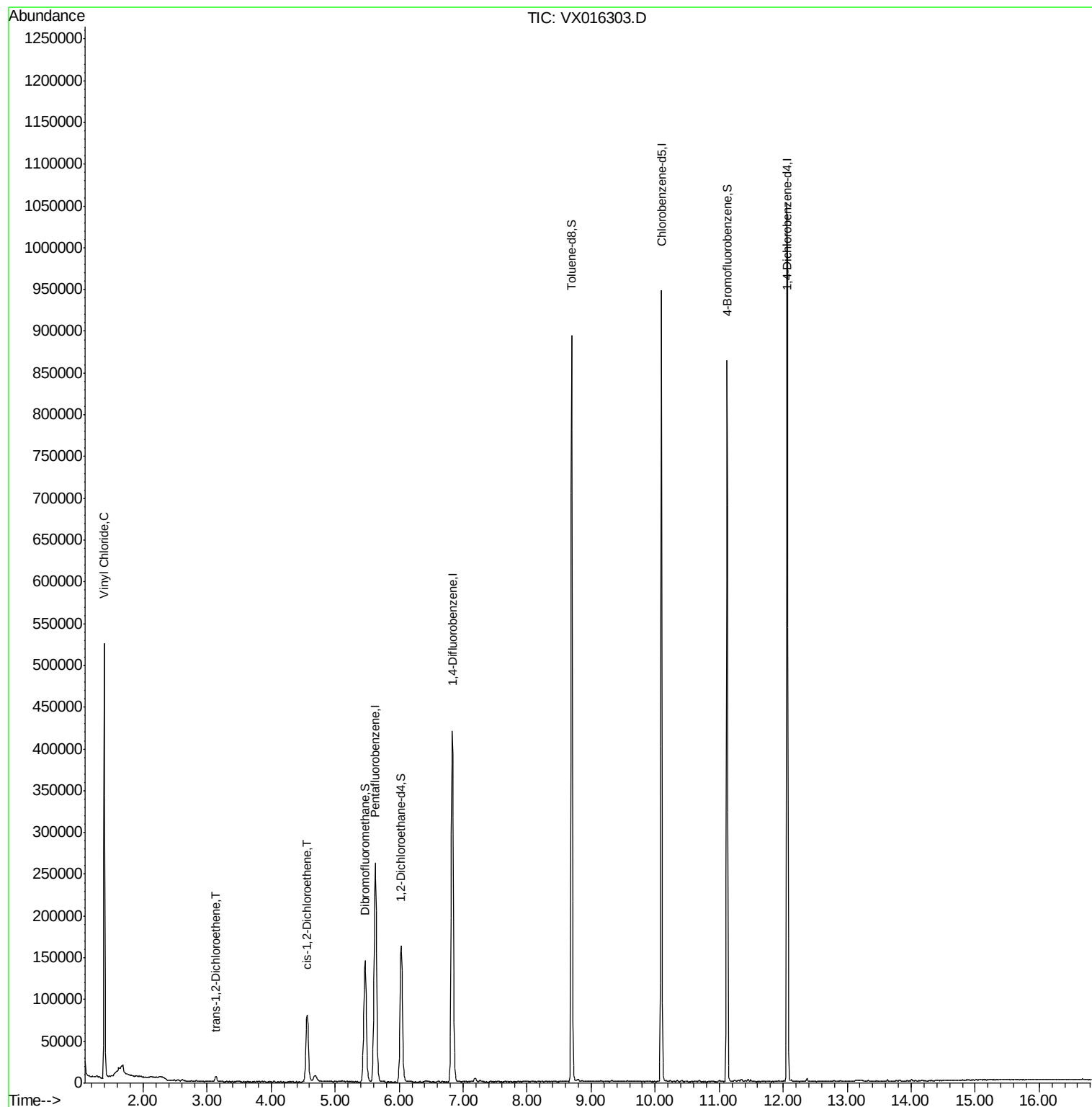
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	261167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	434657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	227363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	155337	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
35) Dibromofluoromethane	5.46	113	129772	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	8.70	98	528924	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.12	95	225636	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
Target Compounds						
4) Vinyl Chloride	1.39	62	296645	86.609	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	2796	0.924	ug/l	91
27) cis-1,2-Dichloroethene	4.56	96	55046	16.643	ug/l	85

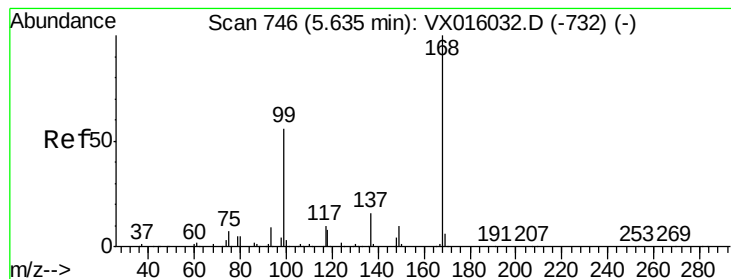
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 06:43:32 2020
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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: VX016303.D

Acq: 18 May 2020 16:55

Instrument :

MSVOA_X

ClientSampled :

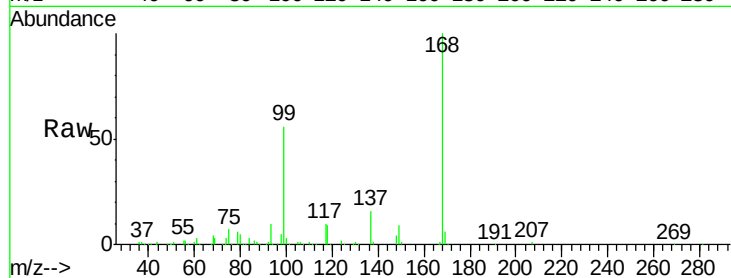
S32-0682DL

Tot Ion:168 Resp: 261167

Ion Ratio Lower Upper

168 100

99 56.2 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

100000

80000

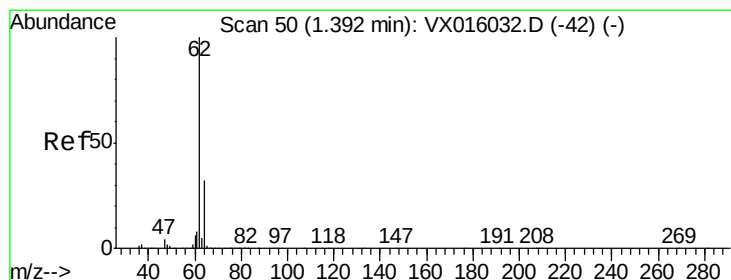
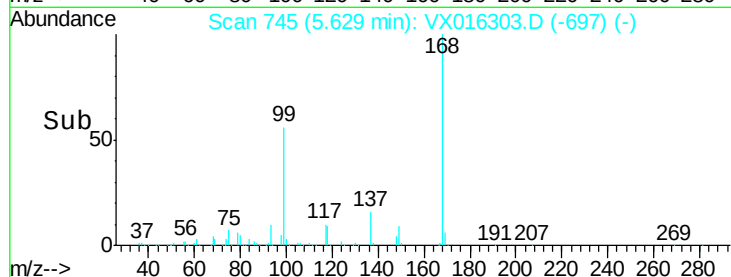
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#4

Vinyl Chloride

Concen: 86.609 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016303.D

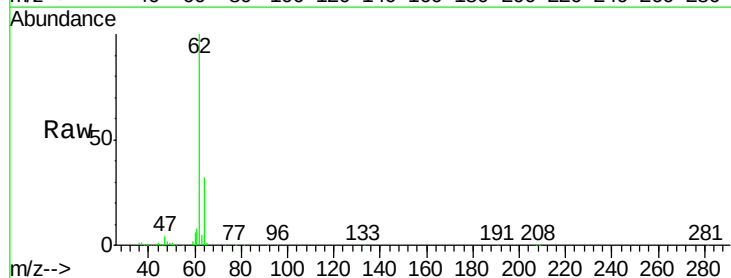
Acq: 18 May 2020 16:55

Tgt Ion: 62 Resp: 296645

Ion Ratio Lower Upper

62 100

64 31.8 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

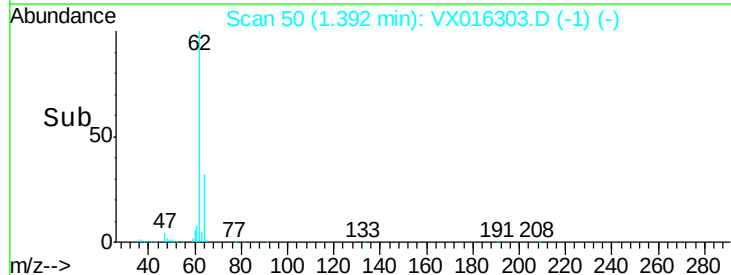
300000

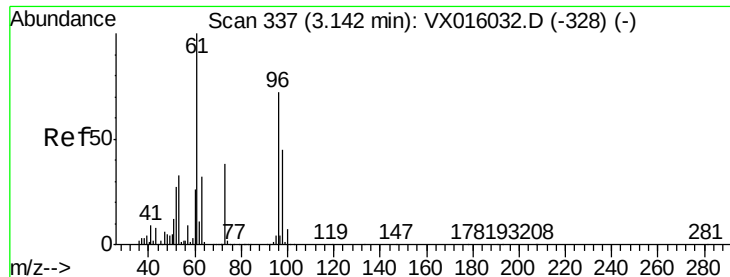
200000

100000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 0.924 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016303.D

Acq: 18 May 2020 16:55

Instrument :

MSVOA_X

ClientSampled :

S32-0682DL

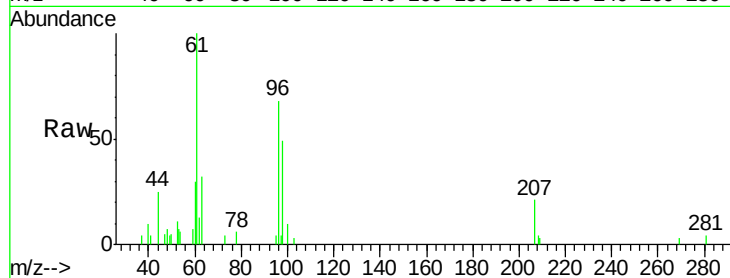
Tot Ion: 96 Resp: 2796

Ion Ratio Lower Upper

96 100

61 147.5 111.2 166.8

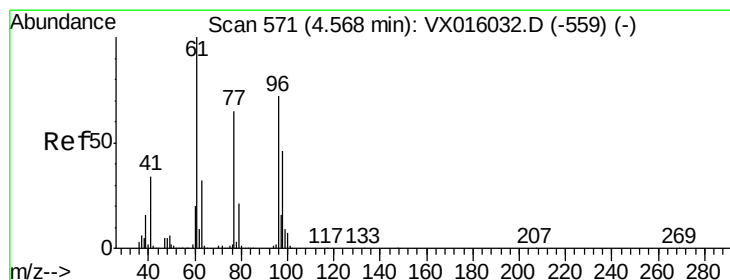
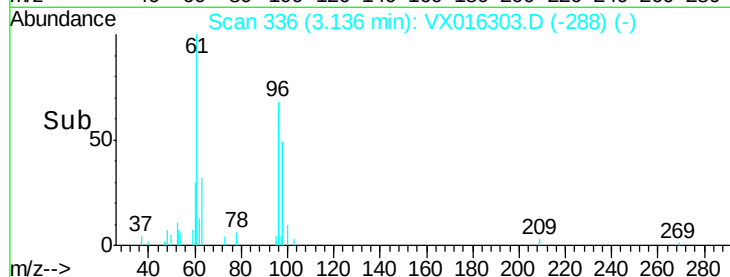
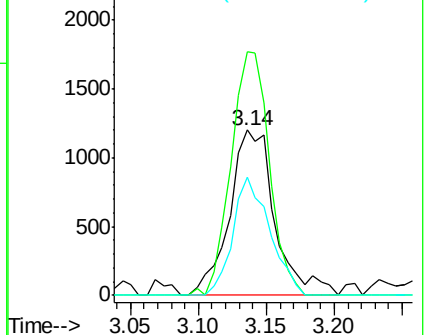
98 71.9 50.2 75.4



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: 16.643 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016303.D

Acq: 18 May 2020 16:55

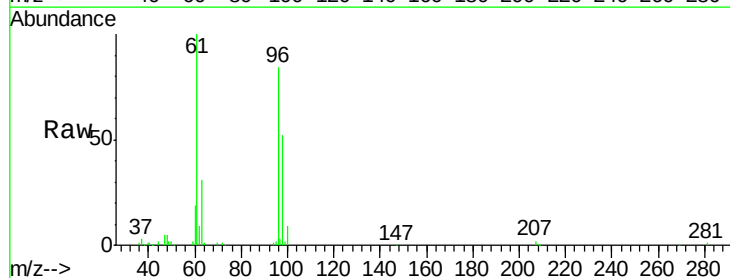
Tgt Ion: 96 Resp: 55046

Ion Ratio Lower Upper

96 100

61 121.4 0.0 296.2

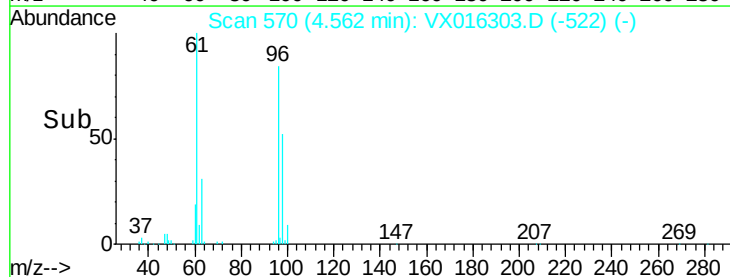
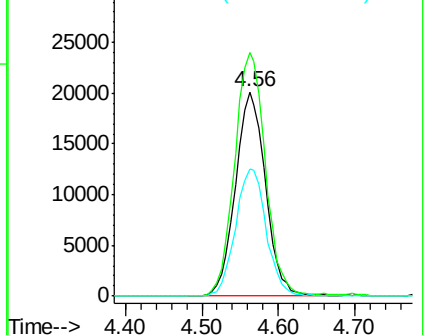
98 63.2 0.0 129.4

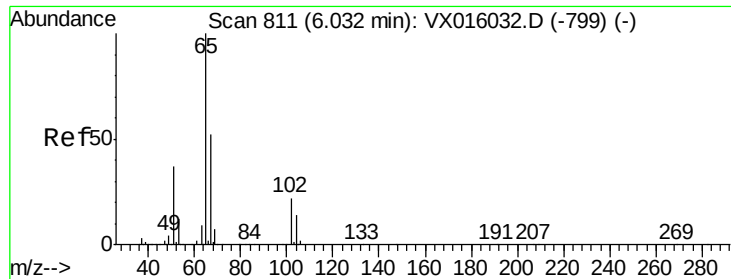


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

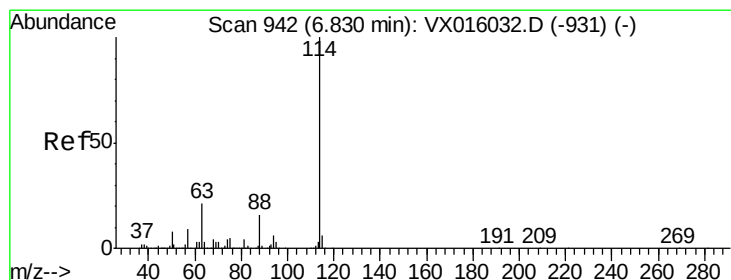
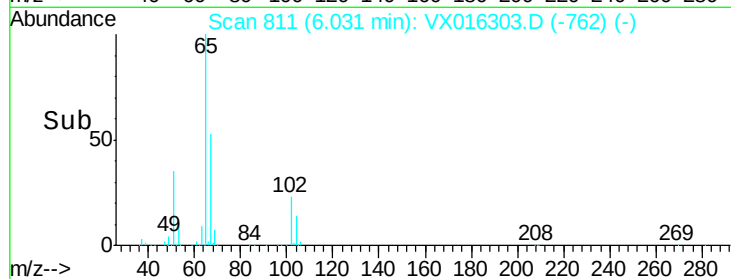
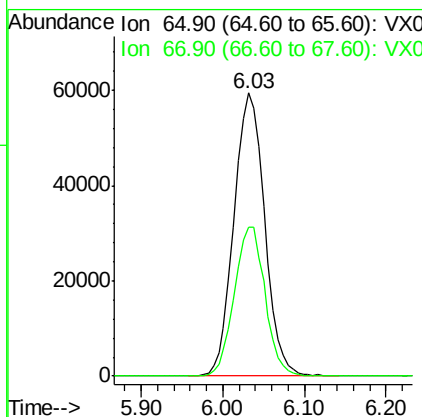
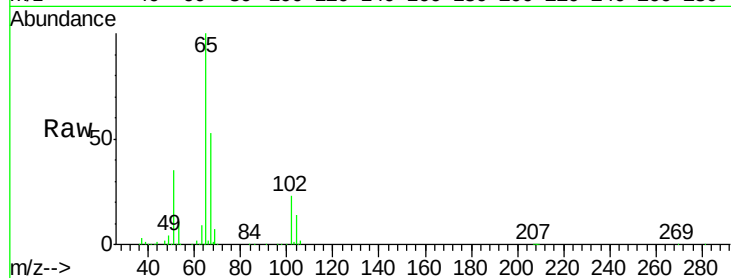




#33
 1,2-Dichloroethane-d4
 Concen: 45.200 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016303.D
 Acq: 18 May 2020 16:55

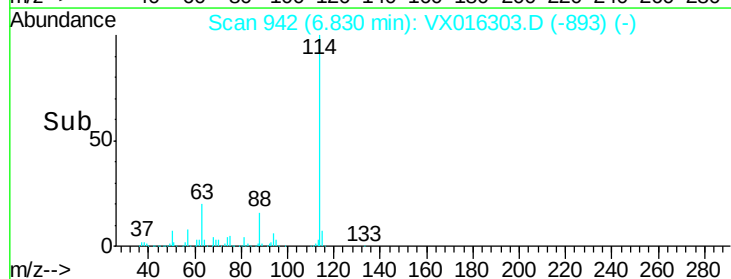
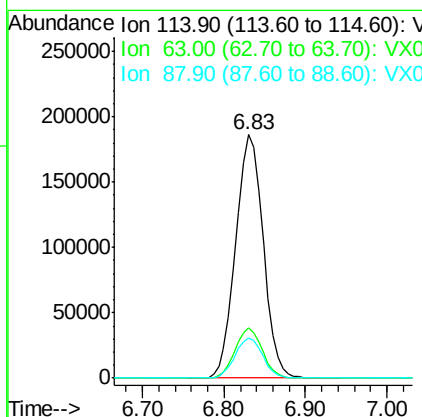
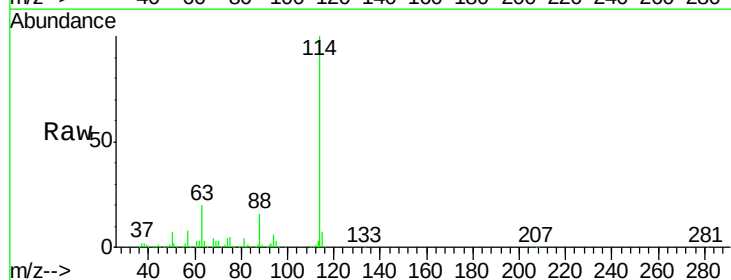
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0682DL

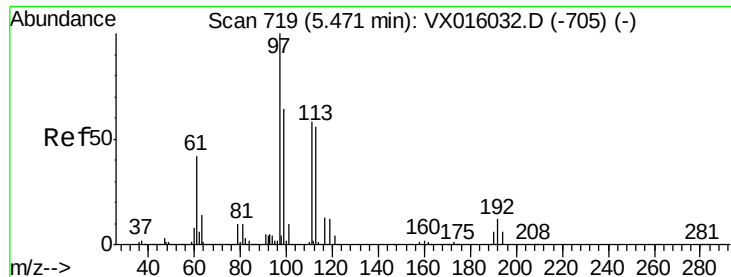
Tot Ion: 65 Resp: 155337
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016303.D
 Acq: 18 May 2020 16:55

Tgt Ion: 114 Resp: 434657
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 16.4 0.0 31.4

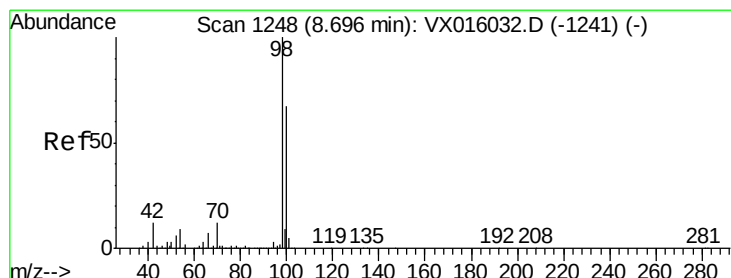
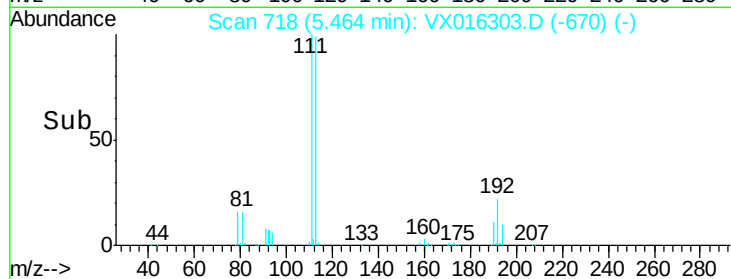
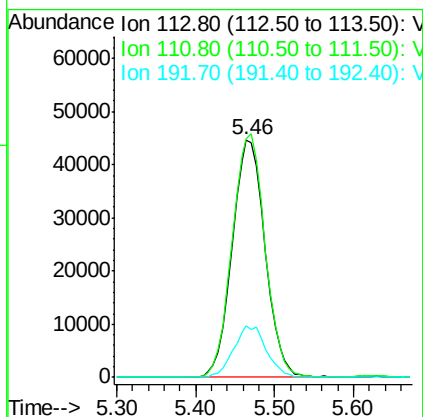
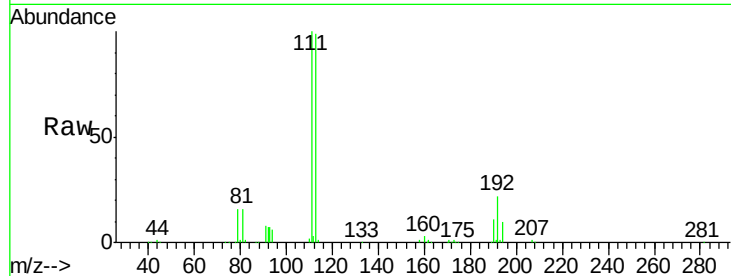




#35
 Dibromofluoromethane
 Concen: 47.126 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016303.D
 Acq: 18 May 2020 16:55

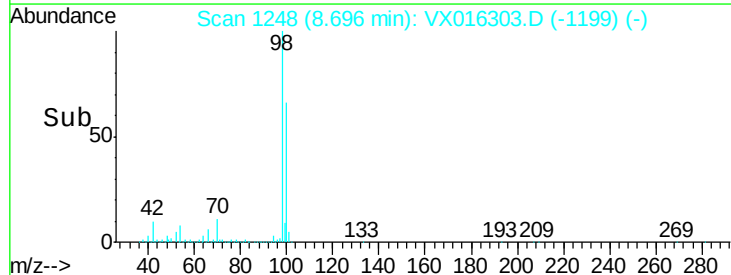
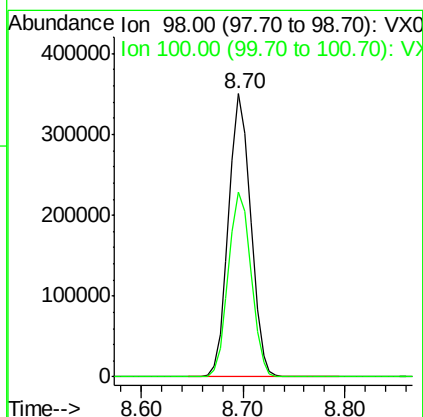
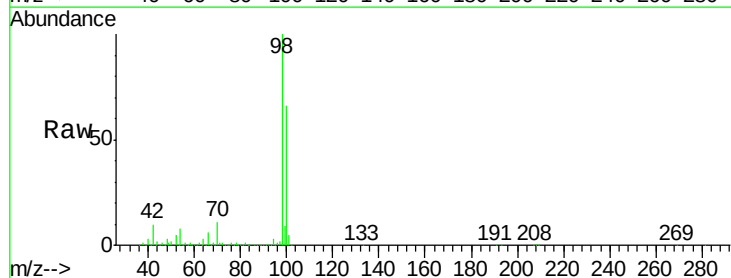
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0682DL

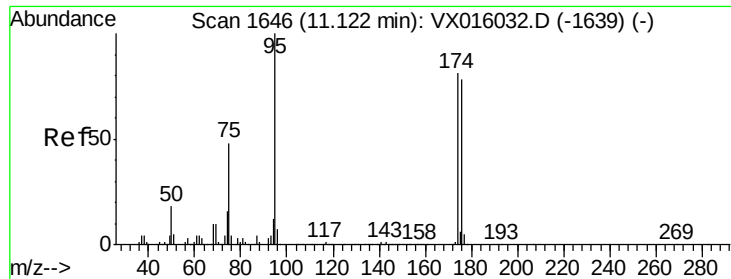
Tot Ion:113 Resp: 129772
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.6 122.4
 192 21.6 17.0 25.4



#50
 Toluene-d8
 Concen: 49.850 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016303.D
 Acq: 18 May 2020 16:55

Tgt Ion: 98 Resp: 528924
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.7 80.5

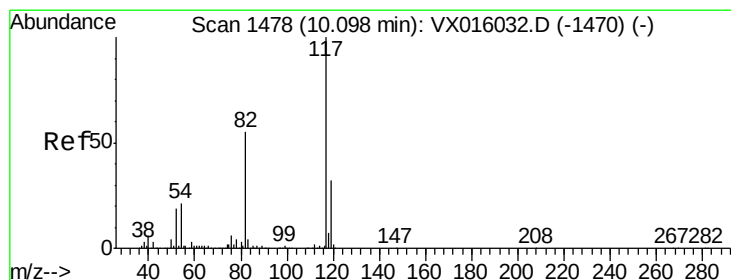
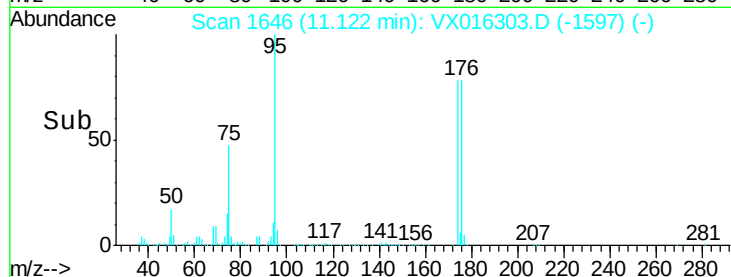
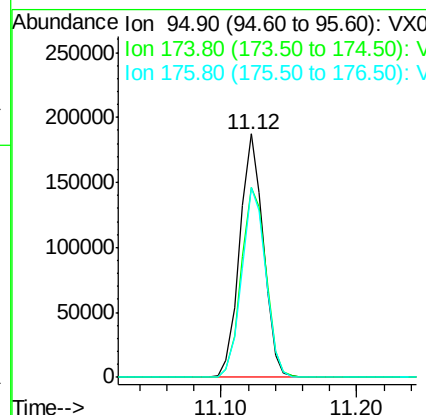
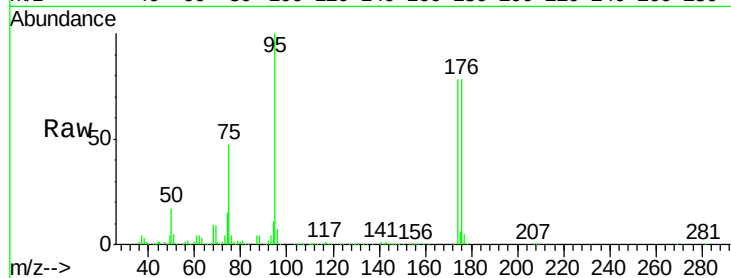




#62
4-Bromofluorobenzene
Concen: 55.910 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016303.D
Acq: 18 May 2020 16:55

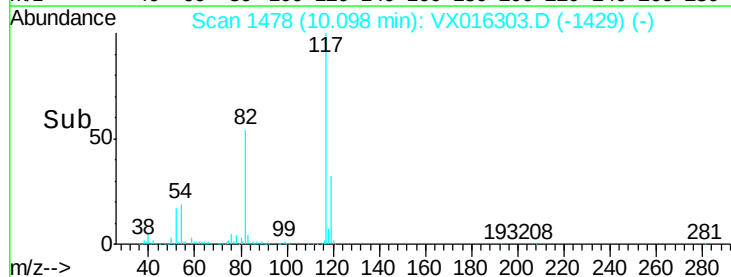
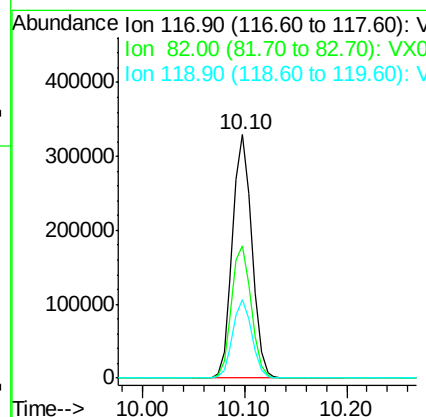
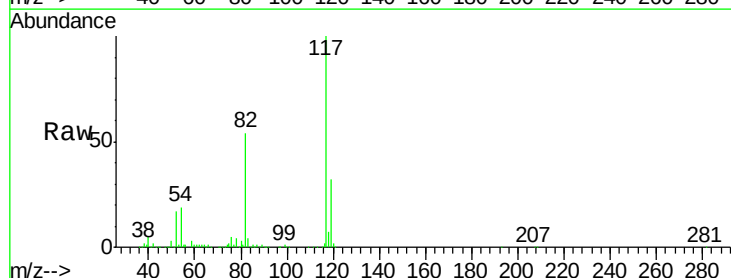
Instrument :
MSVOA_X
ClientSampled :
S32-0682DL

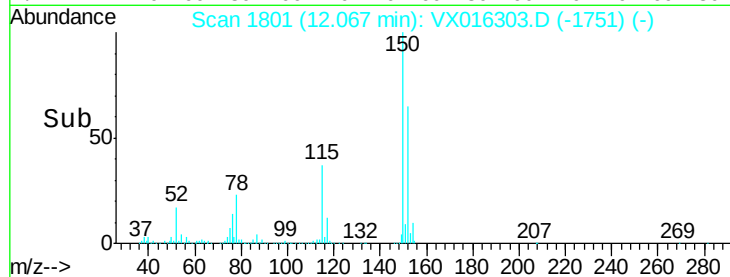
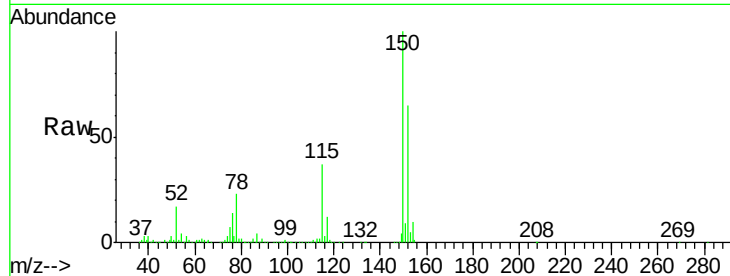
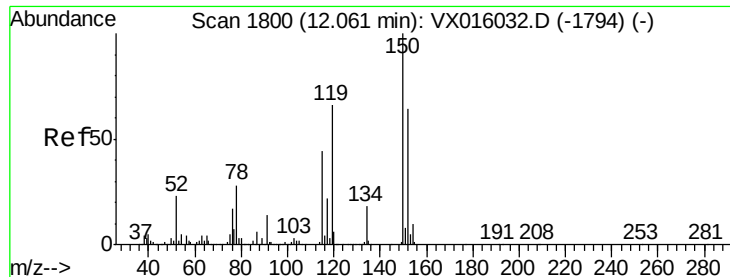
Tot Ion	95	Resp	225636
Ion Ratio	100		
Lower			
Upper			
174	81.8	0.0	159.4
176	79.0	0.0	157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016303.D
Acq: 18 May 2020 16:55

Tgt Ion	117	Resp	433260
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	54.2	44.4	66.6
119	32.3	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016303.D

Acq: 18 May 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

S32-0682DL

Tot Ion:152 Resp: 227363

Ion Ratio Lower Upper

152 100

115 58.8 41.3 124.1

150 156.3 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

