

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016382.D
 Acq On : 21 May 2020 14:41
 Operator : JC/SP
 Sample : L2672-08DL 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW347-200514DL

Quant Time: May 22 09:23:26 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

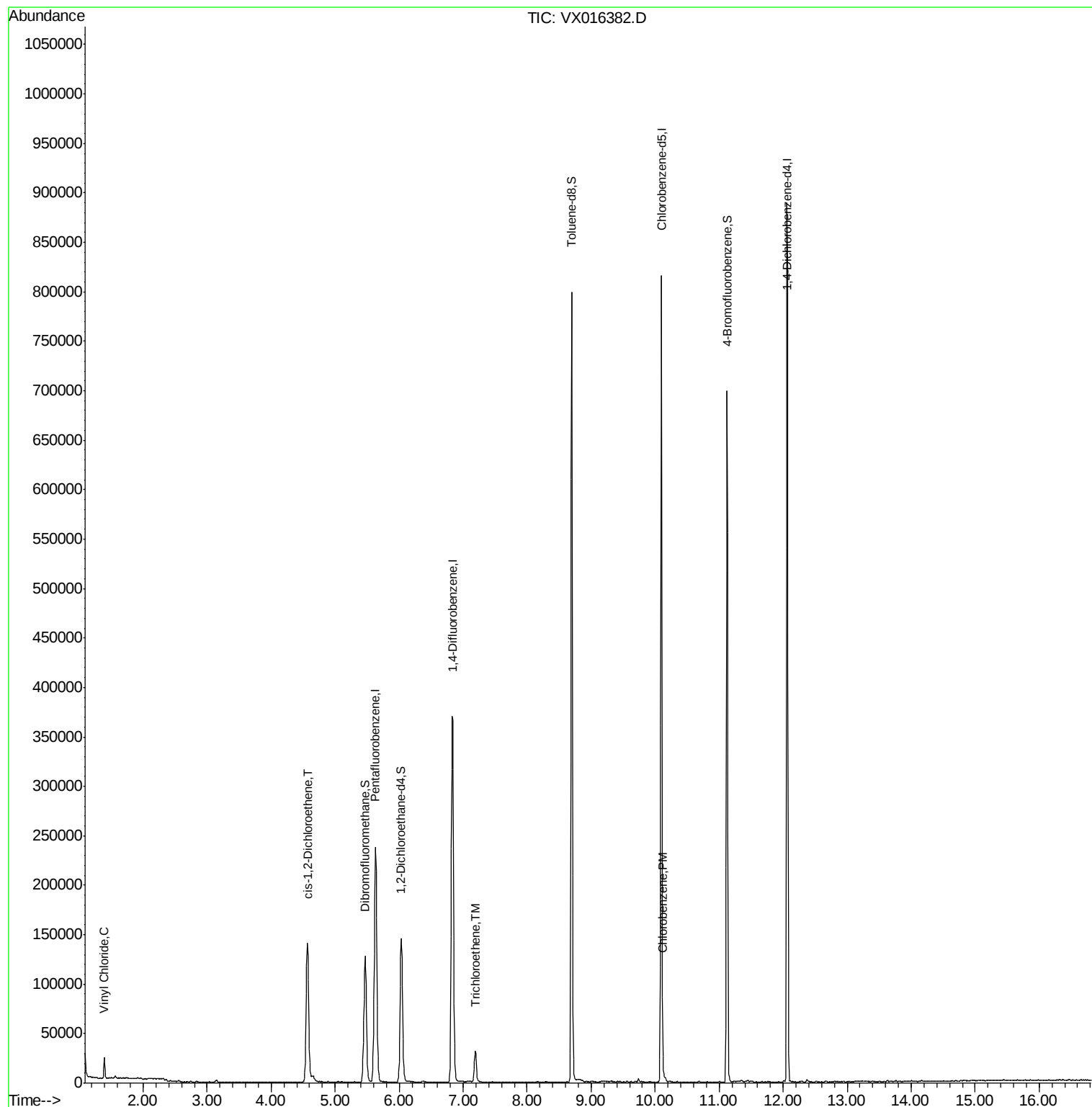
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	393921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	382986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	137254	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
35) Dibromofluoromethane	5.47	113	112281	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	8.70	98	479521	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.12	95	192938	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
Target Compounds						
4) Vinyl Chloride	1.39	62	12604	3.985	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	94976	31.097	ug/l	85
44) Trichloroethene	7.19	130	12458	3.091	ug/l	95
65) Chlorobenzene	10.12	112	2314	0.289	ug/l	95

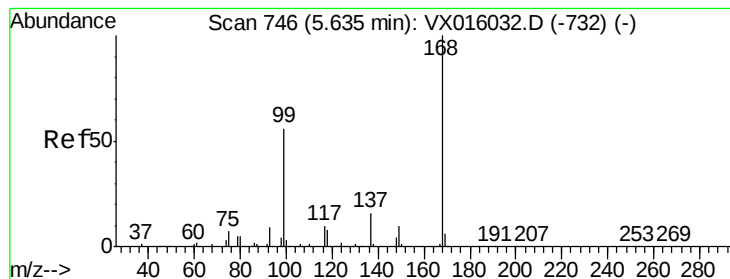
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016382.D

Acq: 21 May 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

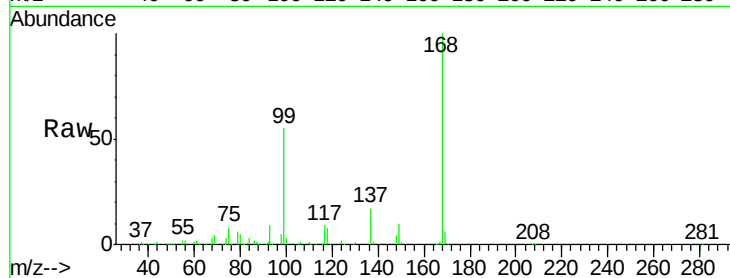
WP021MW347-200514DL

Tot Ion:168 Resp: 241164

Ion Ratio Lower Upper

168 100

99 54.5 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

80000

60000

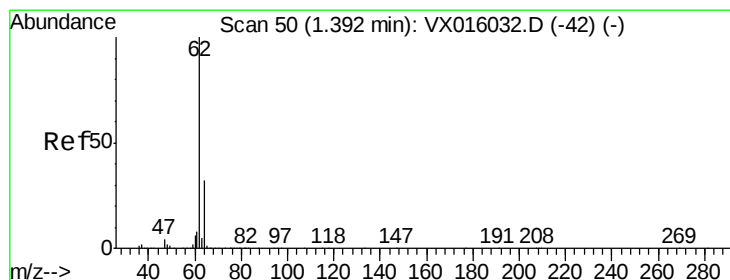
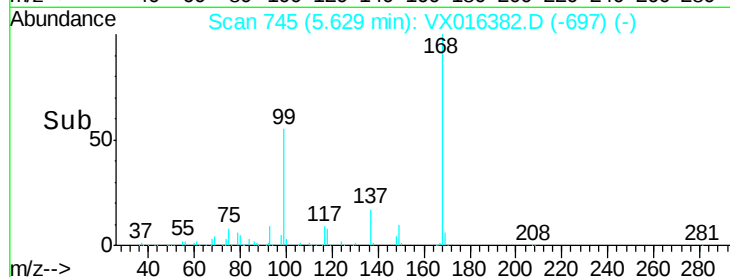
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.985 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016382.D

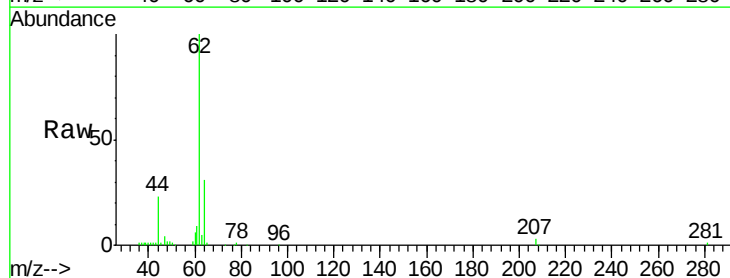
Acq: 21 May 2020 14:41

Tgt Ion: 62 Resp: 12604

Ion Ratio Lower Upper

62 100

64 30.9 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

15000

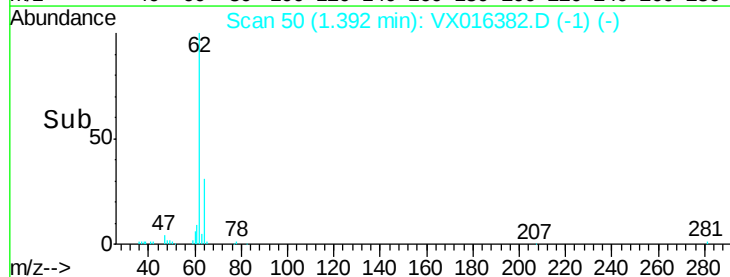
10000

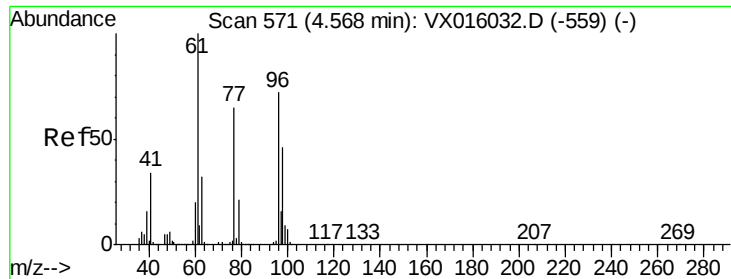
5000

0

Time-->

1.35 1.40 1.45



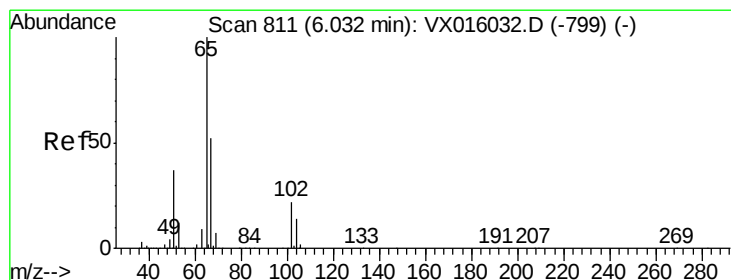
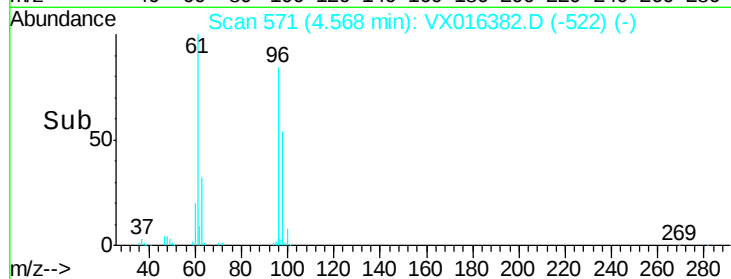
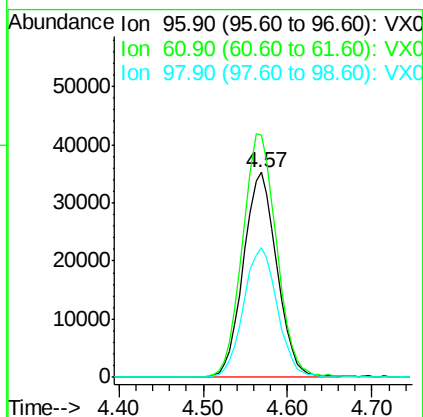
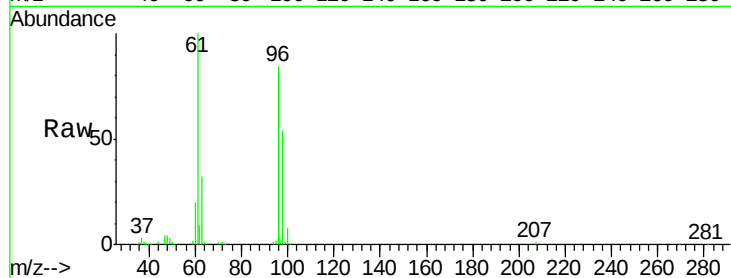


#27

cis-1,2-Dichloroethene
 Concen: 31.097 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016382.D
 Acq: 21 May 2020 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW347-200514DL

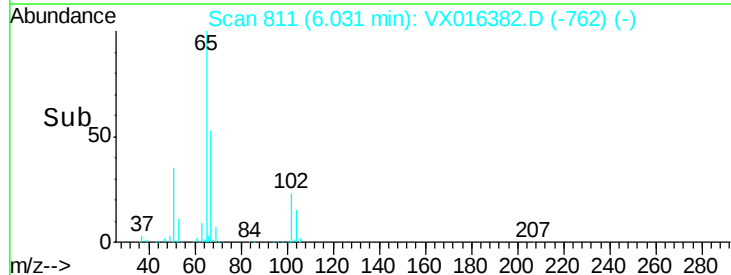
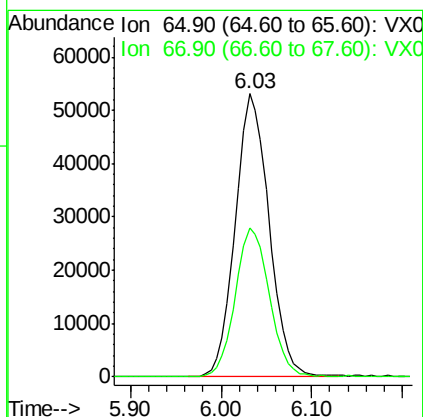
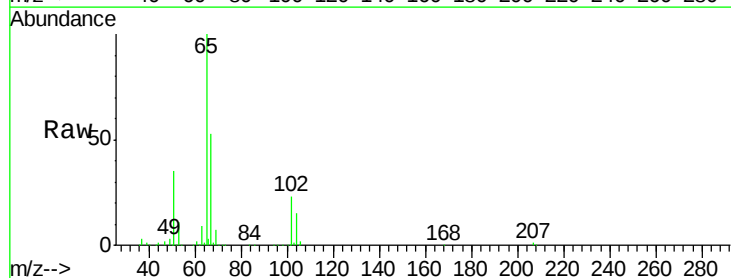
Tot Ion	96	Resp	94976
Ion	Ratio	Lower	Upper
96	100		
61	121.6	0.0	296.2
98	64.0	0.0	129.4

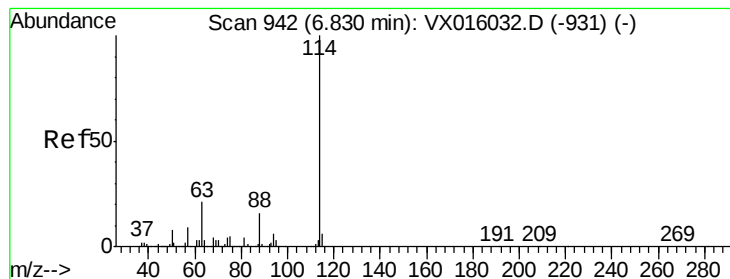


#33

1,2-Dichloroethane-d4
 Concen: 43.250 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016382.D
 Acq: 21 May 2020 14:41

Tgt Ion	65	Resp	137254
Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VX016382.D

Acq: 21 May 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-200514DL

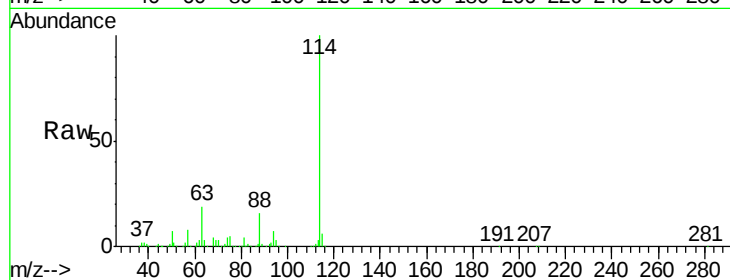
Tot Ion:114 Resp: 393921

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

88 15.9 0.0 31.4



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

200000

150000

100000

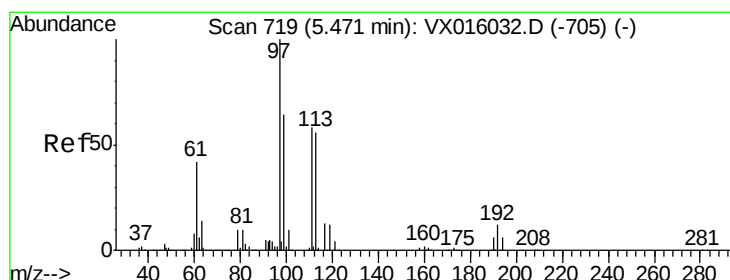
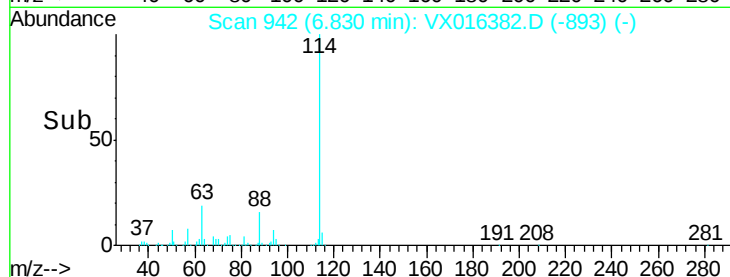
50000

0

6.83

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 44.991 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016382.D

Acq: 21 May 2020 14:41

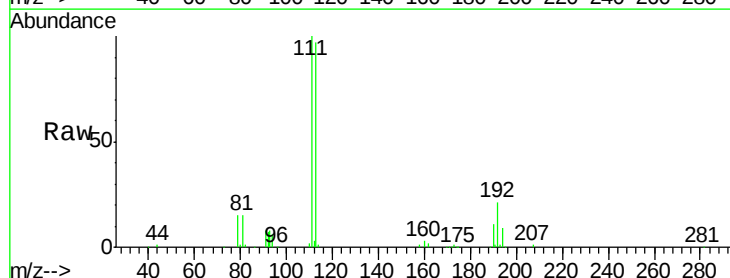
Tgt Ion:113 Resp: 112281

Ion Ratio Lower Upper

113 100

111 102.9 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

50000

40000

30000

20000

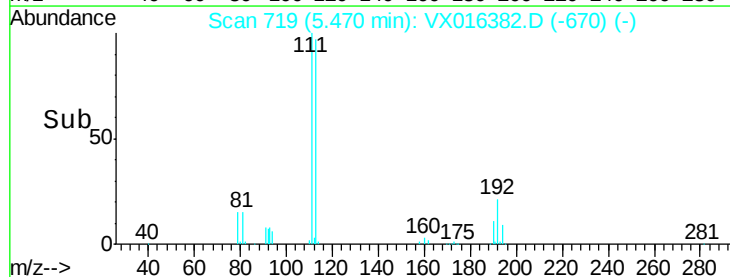
10000

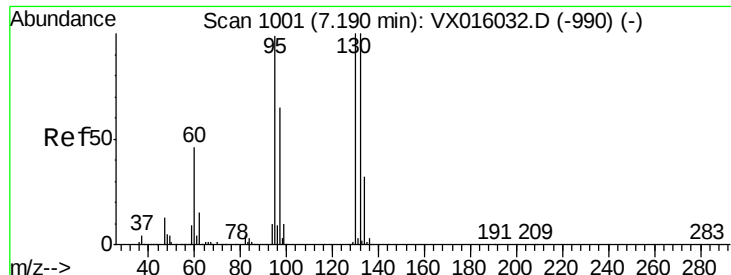
0

5.47

5.30 5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 3.091 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016382.D

Acq: 21 May 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

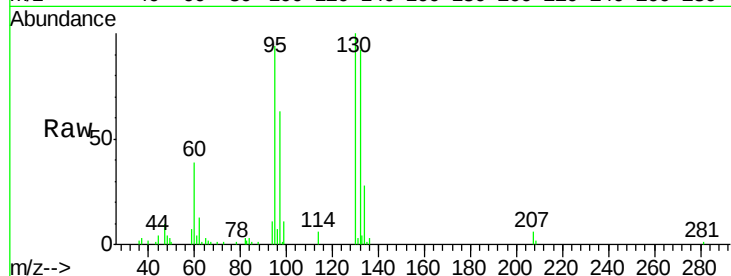
WP021MW347-200514DL

Tot Ion:130 Resp: 12458

Ion Ratio Lower Upper

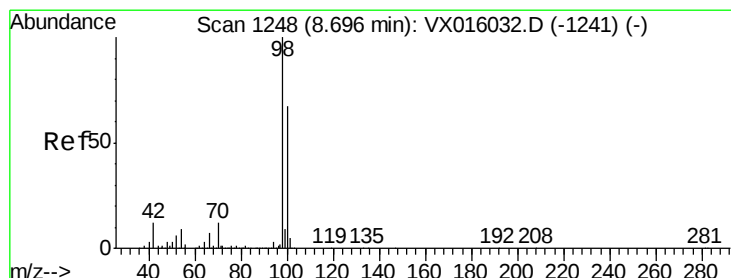
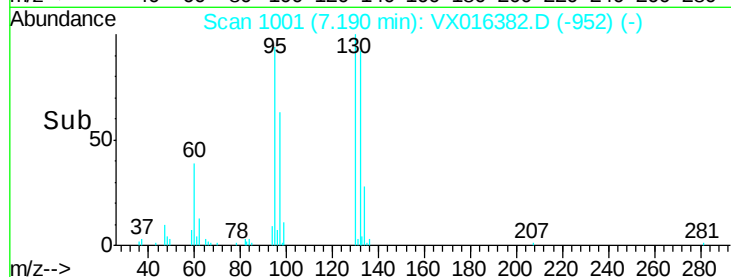
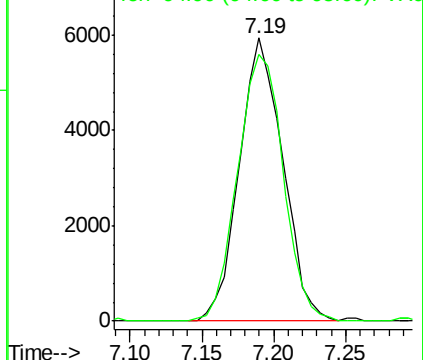
130 100

95 94.2 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.867 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016382.D

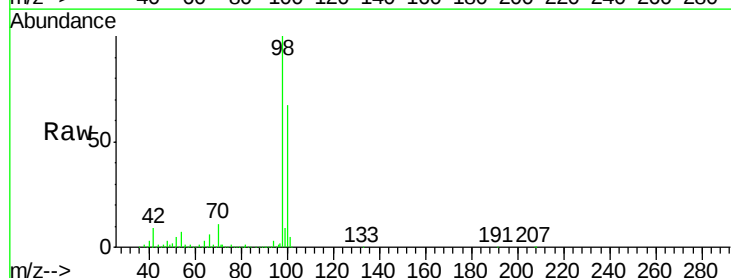
Acq: 21 May 2020 14:41

Tgt Ion: 98 Resp: 479521

Ion Ratio Lower Upper

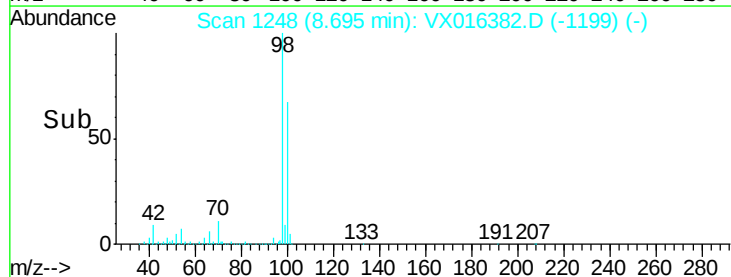
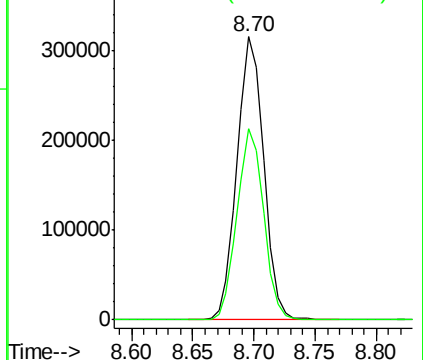
98 100

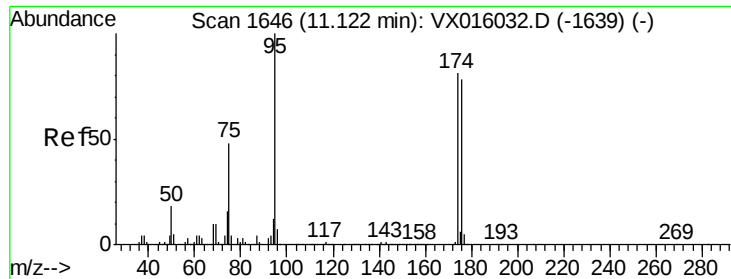
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.752 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016382.D

Acq: 21 May 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-200514DL

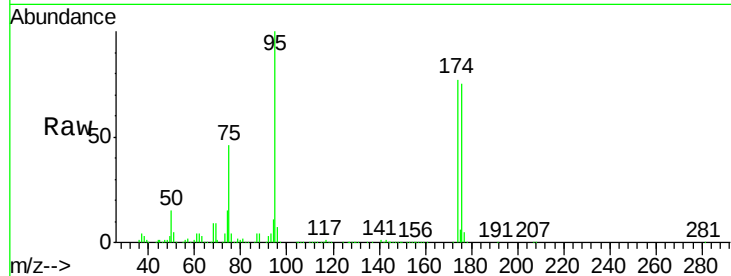
Tot Ion: 95 Resp: 192938

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.4

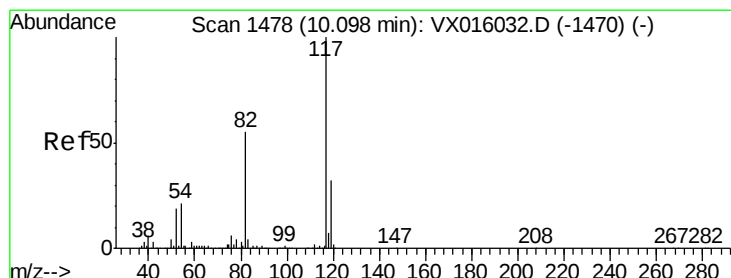
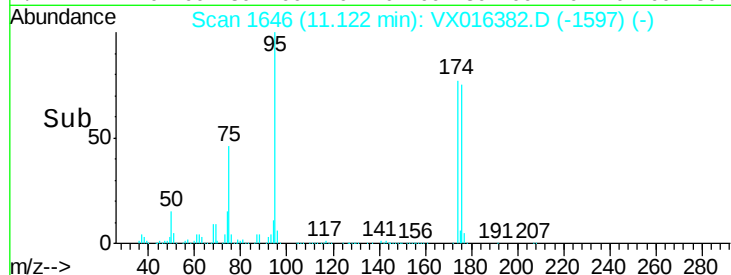
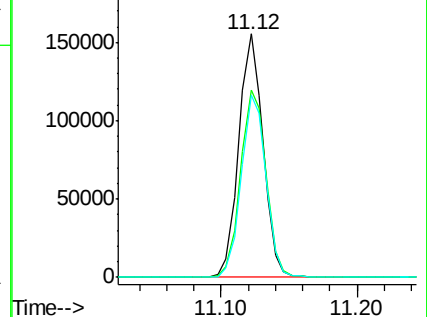
176 76.1 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016382.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016382.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016382.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016382.D

Acq: 21 May 2020 14:41

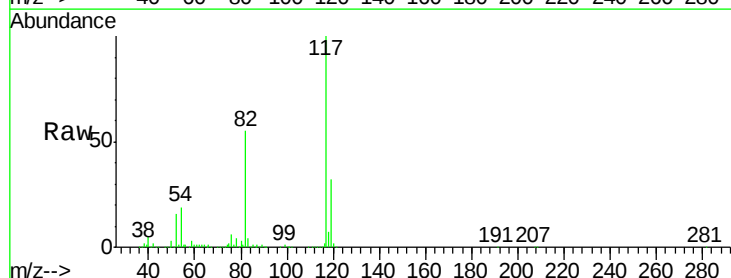
Tgt Ion: 117 Resp: 382986

Ion Ratio Lower Upper

117 100

82 55.4 44.4 66.6

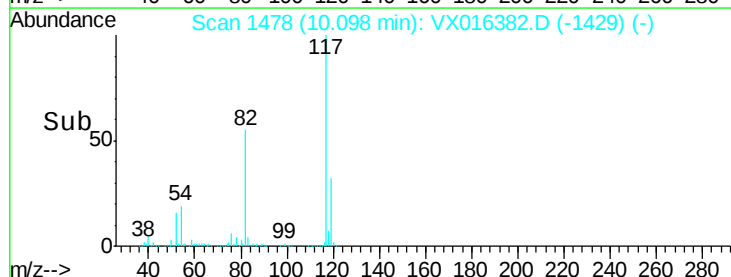
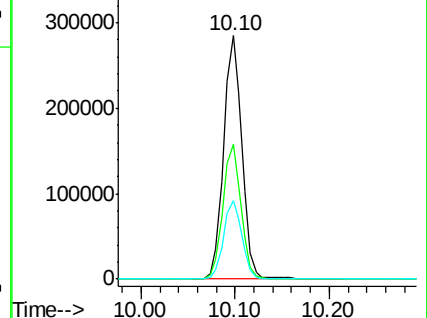
119 32.3 25.5 38.3

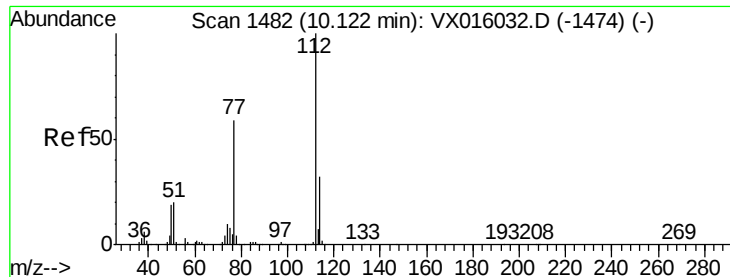


Abundance Ion 116.90 (116.60 to 117.60): VX016382.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016382.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016382.D (-1429) (-)





#65

Chlorobenzene

Concen: 0.289 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016382.D

Acq: 21 May 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

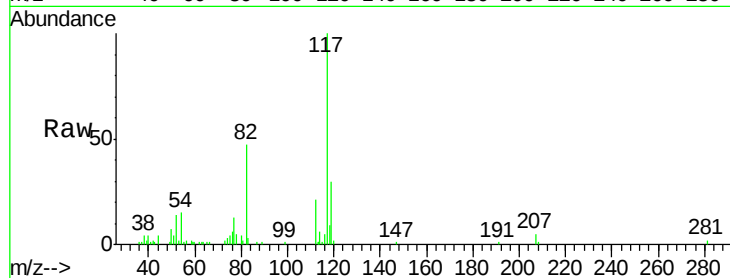
WP021MW347-200514DL

Tot Ion:112 Resp: 2314

Ion Ratio Lower Upper

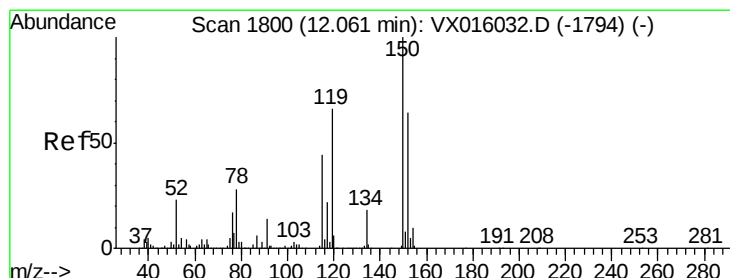
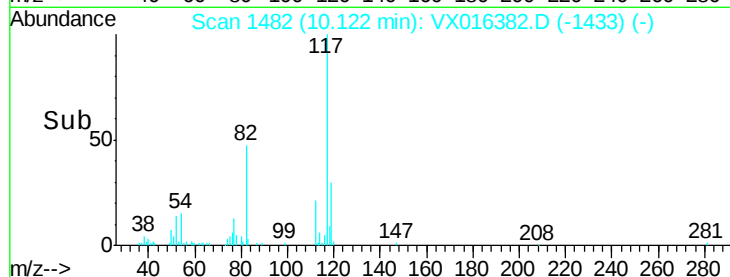
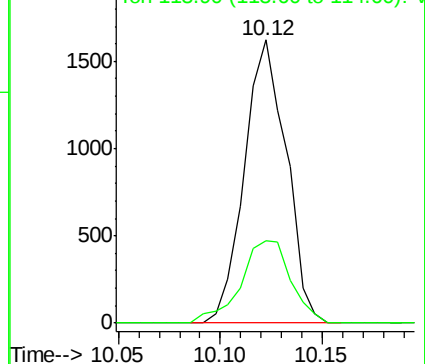
112 100

114 29.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016382.D

Acq: 21 May 2020 14:41

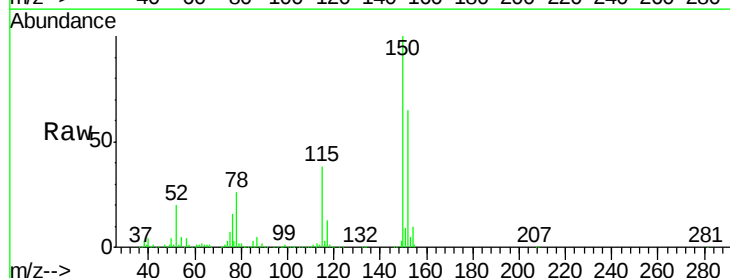
Tgt Ion:152 Resp: 191471

Ion Ratio Lower Upper

152 100

115 58.6 41.3 124.1

150 156.2 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

