

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019362.D
 Acq On : 09 Nov 2020 13:06
 Operator : JC/MD
 Sample : L4651-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PS-2020-WW-000-03DL

Quant Time: Nov 10 02:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

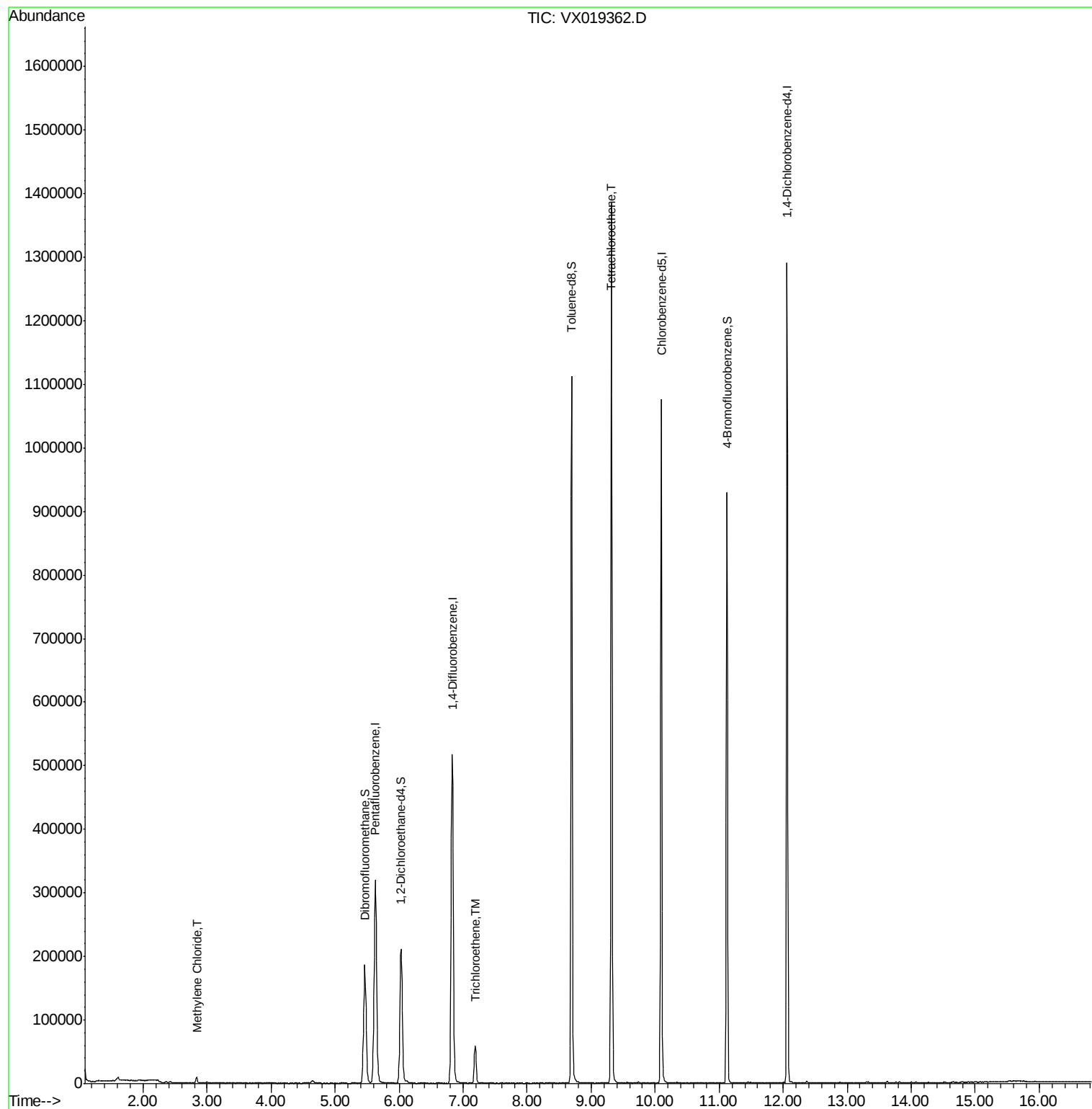
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	294820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	522058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	490252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	252024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	205070	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
35) Dibromofluoromethane	5.46	113	159246	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	8.70	98	639843	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	11.12	95	248169	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
Target Compounds						
20) Methylene Chloride	2.83	84	4188	1.272	ug/l #	92
44) Trichloroethene	7.18	130	21780	5.564	ug/l	91
64) Tetrachloroethene	9.32	164	250505	67.066	ug/l	98

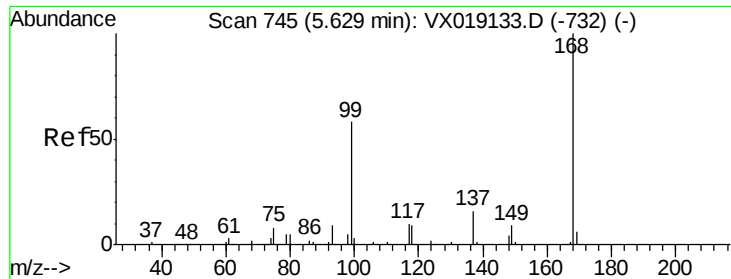
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019362.D

Acq: 09 Nov 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

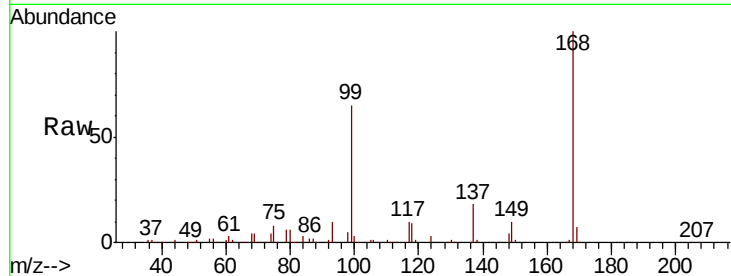
PS-2020-WW-000-03DL

Tot Ion:168 Resp: 294820

Ion Ratio Lower Upper

168 100

99 64.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

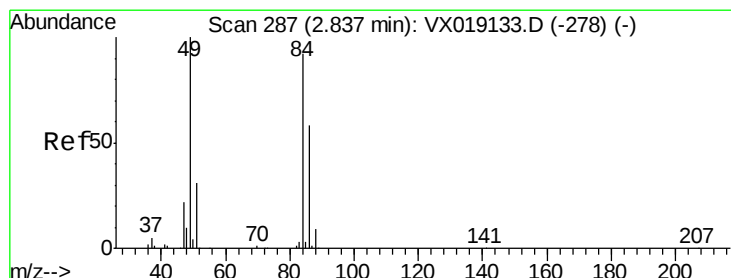
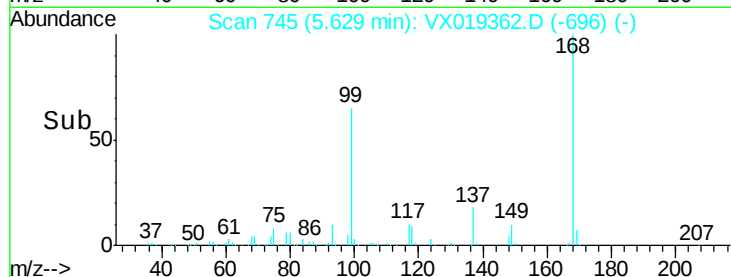
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.272 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX019362.D

Acq: 09 Nov 2020 13:06

Tgt Ion: 84 Resp: 4188

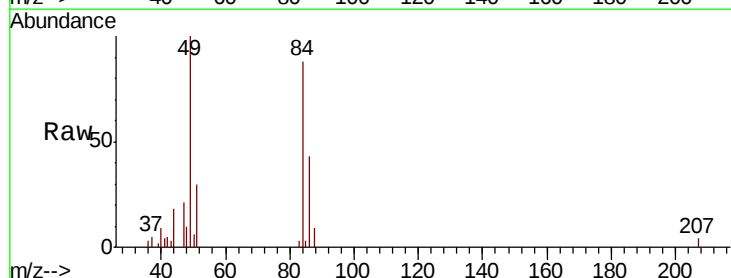
Ion Ratio Lower Upper

84 100

49 113.8 86.8 130.2

51 33.6 27.3 40.9

86 49.1 50.6 76.0#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

4000

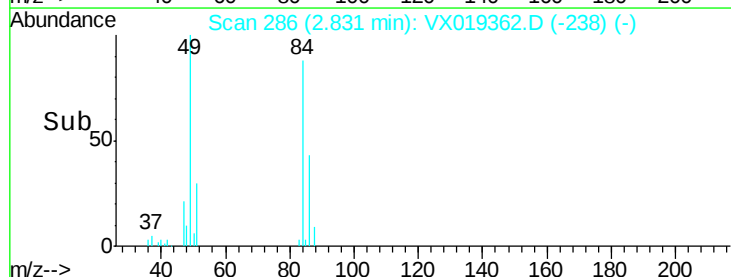
3000

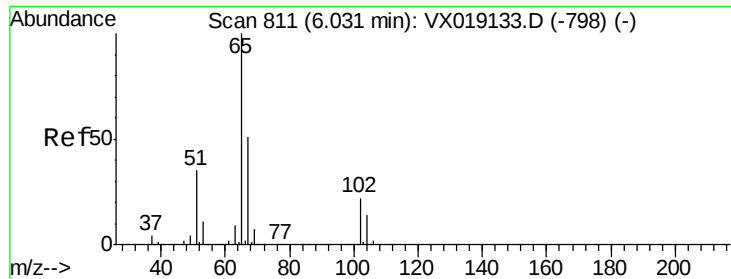
2000

1000

0

Time-->

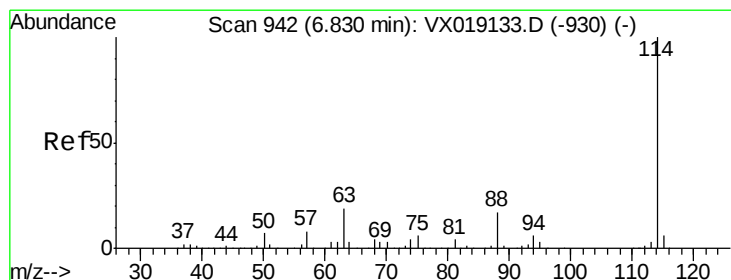
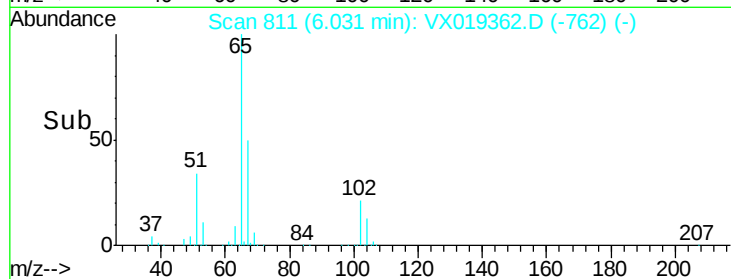
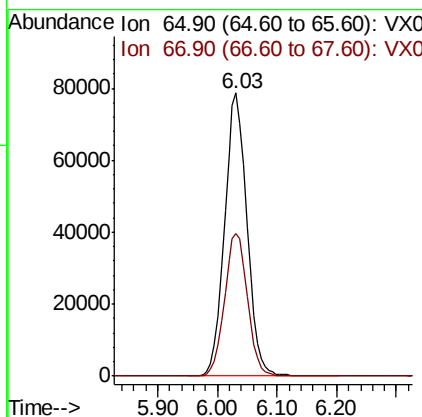
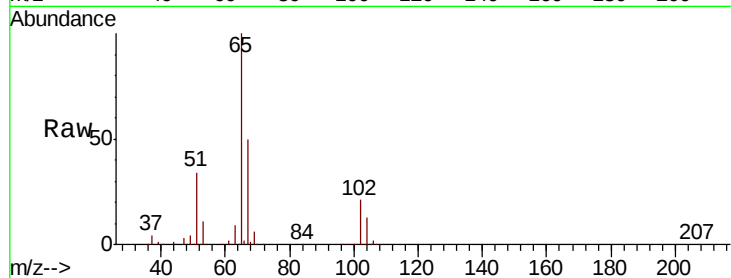




#33
 1,2-Dichloroethane-d4
 Concen: 53.936 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019362.D
 Acq: 09 Nov 2020 13:06

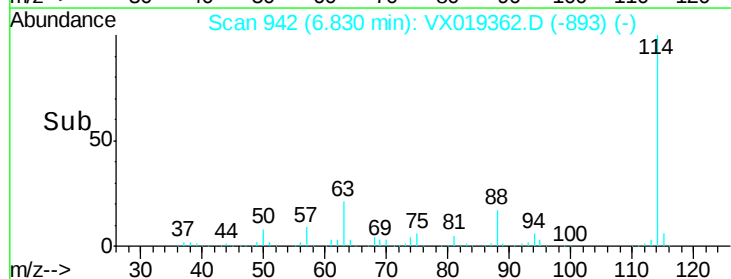
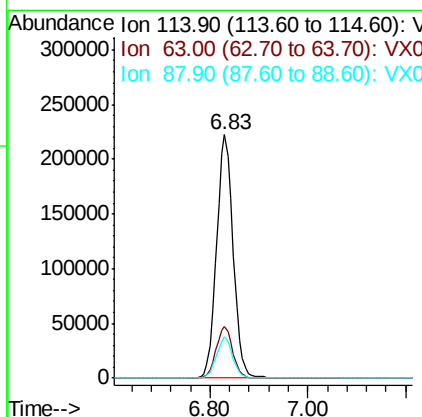
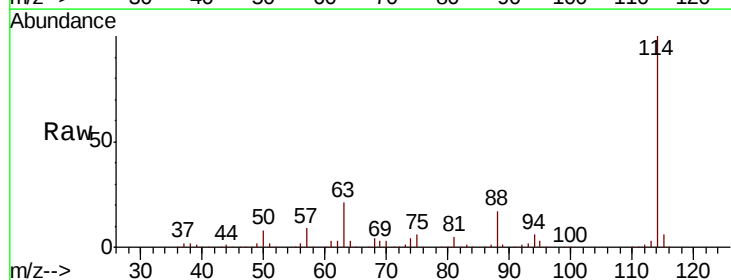
Instrument :
 MSVOA_X
 ClientSampleId :
 PS-2020-WW-000-03DL

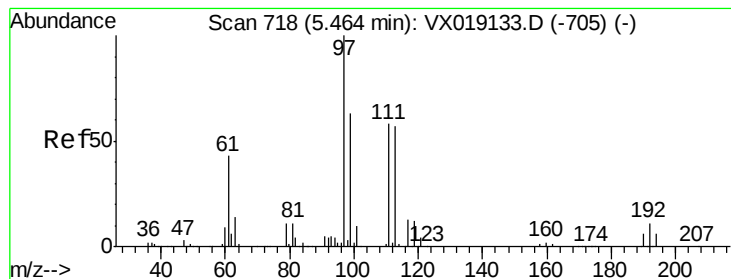
Tot Ion: 65 Resp: 205070
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019362.D
 Acq: 09 Nov 2020 13:06

Tgt Ion: 114 Resp: 522058
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 38.8
 88 16.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.562 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019362.D

Acq: 09 Nov 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

PS-2020-WW-000-03DL

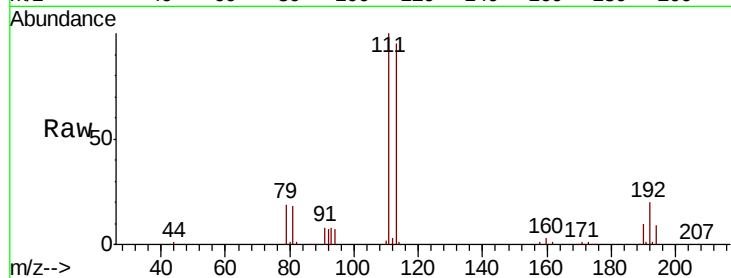
Tot Ion:113 Resp: 159246

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

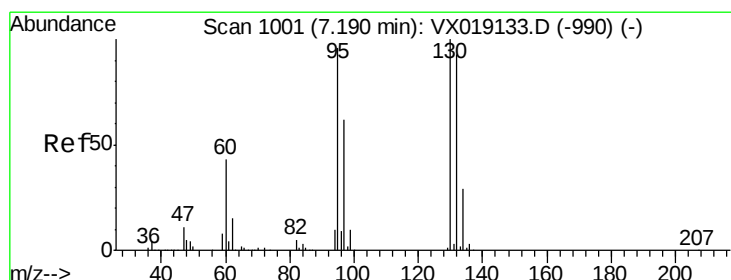
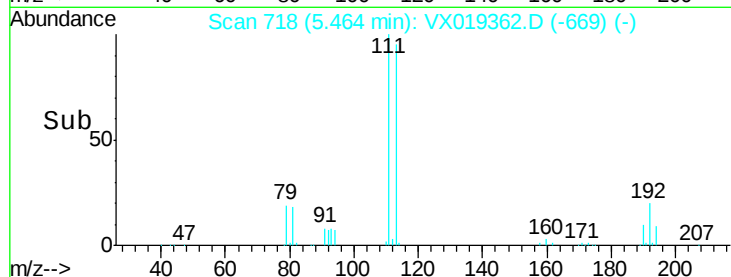
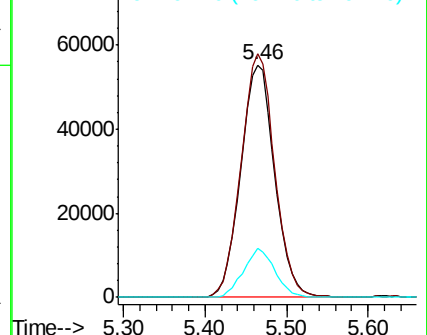
192 19.7 16.2 24.2



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: 5.564 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019362.D

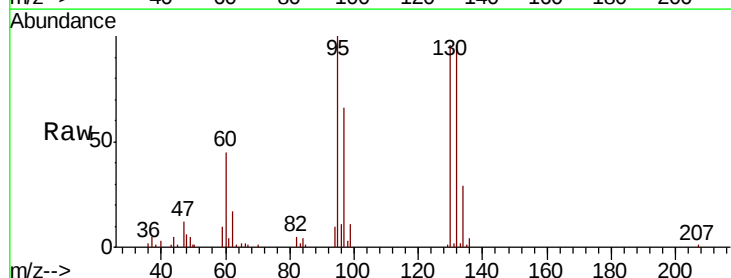
Acq: 09 Nov 2020 13:06

Tgt Ion:130 Resp: 21780

Ion Ratio Lower Upper

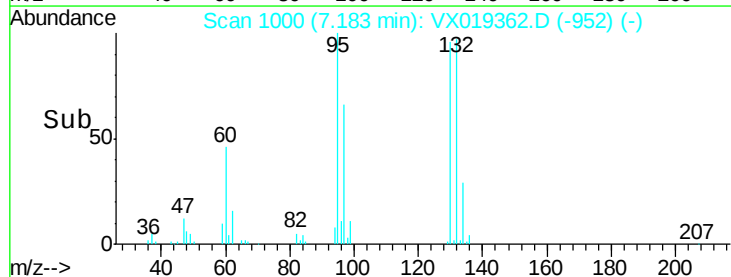
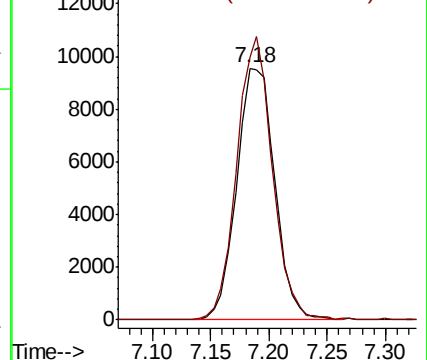
130 100

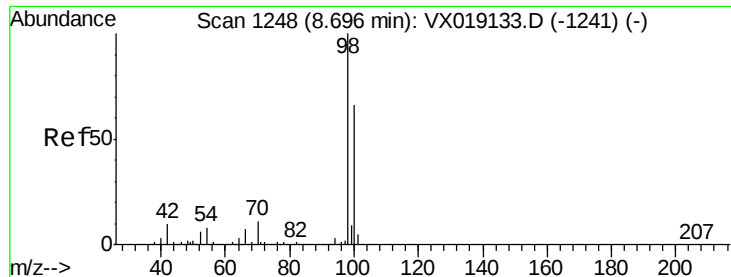
95 104.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.761 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019362.D

Acq: 09 Nov 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

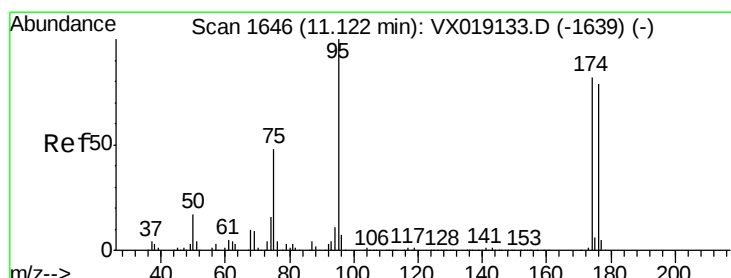
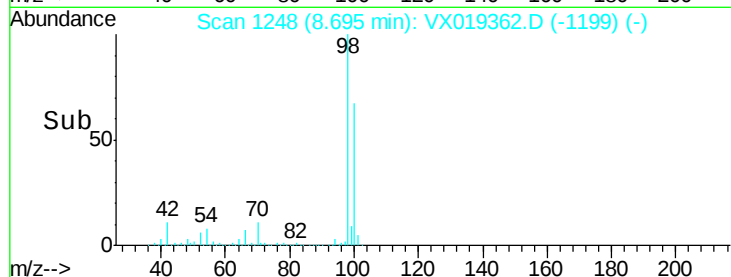
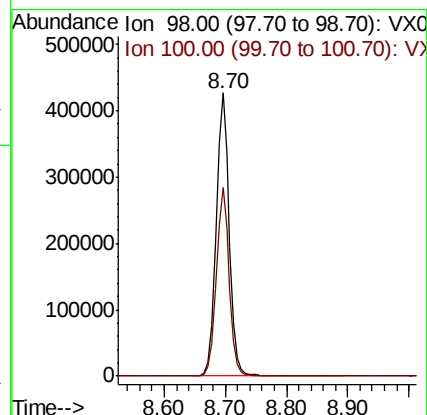
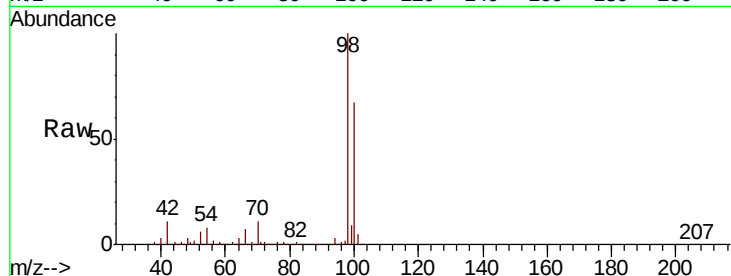
PS-2020-WW-000-03DL

Tot Ion: 98 Resp: 639843

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.012 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019362.D

Acq: 09 Nov 2020 13:06

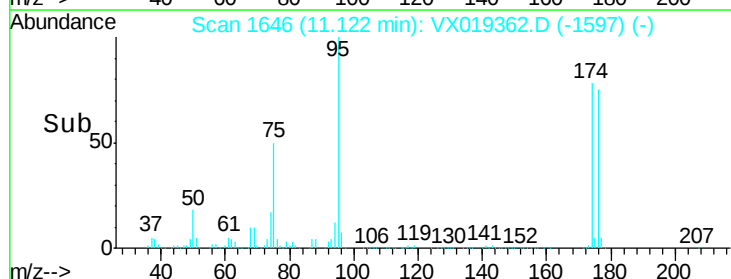
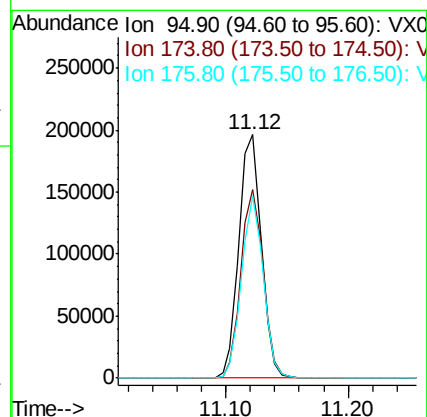
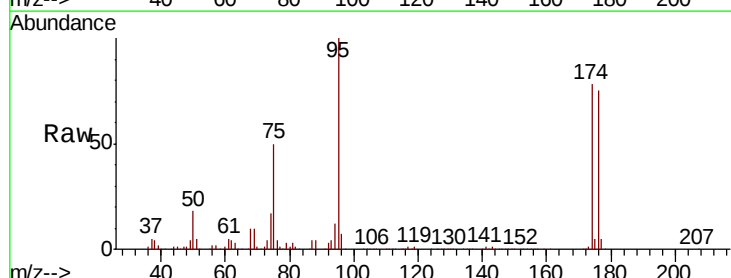
Tgt Ion: 95 Resp: 248169

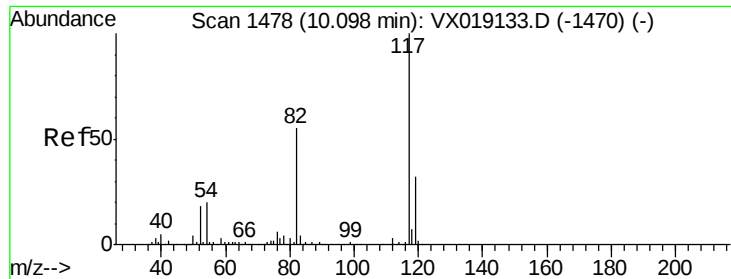
Ion Ratio Lower Upper

95 100

174 77.1 0.0 156.0

176 72.4 0.0 149.8

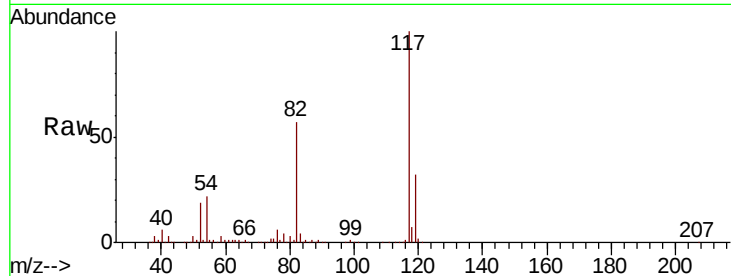




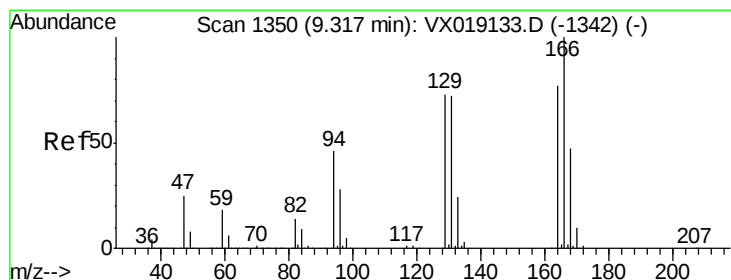
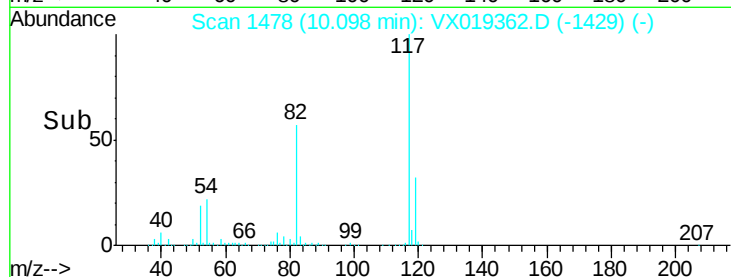
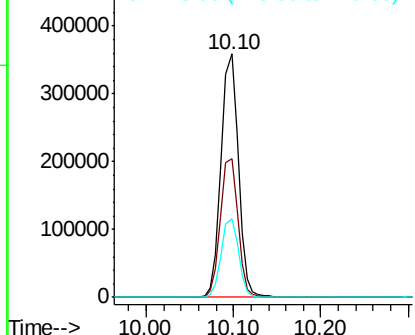
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019362.D
Acq: 09 Nov 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
PS-2020-WW-000-03DL

Tot Ion:117 Resp: 490252
Ion Ratio Lower Upper
117 100
82 57.0 43.6 65.4
119 32.3 25.5 38.3

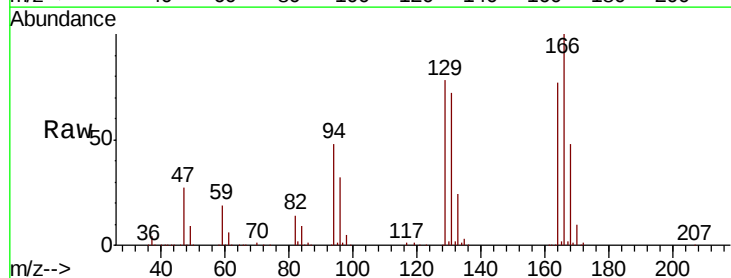


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

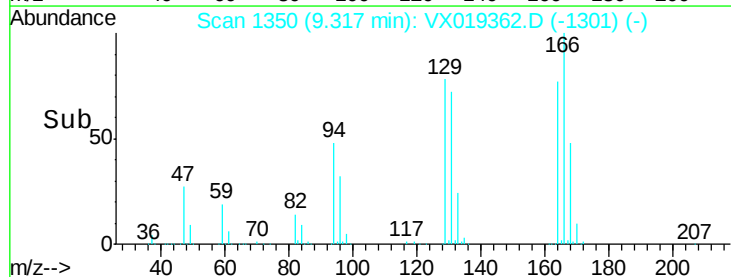
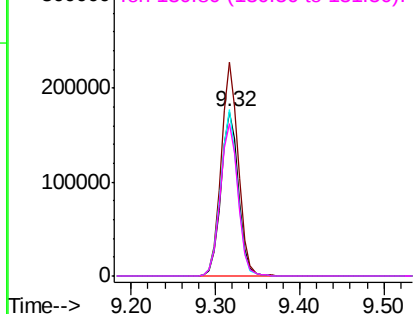


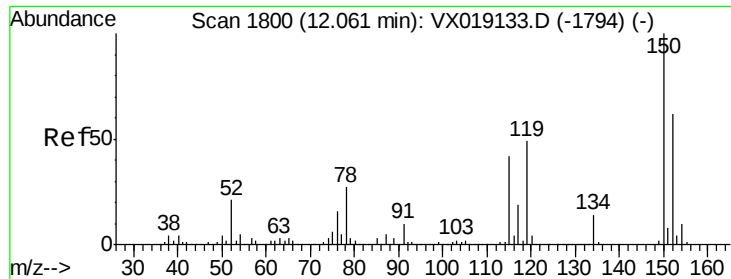
#64
Tetrachloroethene
Concen: 67.066 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019362.D
Acq: 09 Nov 2020 13:06

Tgt Ion:164 Resp: 250505
Ion Ratio Lower Upper
164 100
166 130.2 104.1 156.1
129 101.1 76.2 114.4
131 93.2 74.6 112.0



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: 12.06 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VX019362.D
 Acq: 09 Nov 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PS-2020-WW-000-03DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.9	125.7
150	157.8	0.0	347.8

