

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017248.D
 Acq On : 08 Jul 2020 12:28
 Operator : JC/SP
 Sample : L3232-07DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1007-MW-11DL

Quant Time: Jul 09 02:50:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

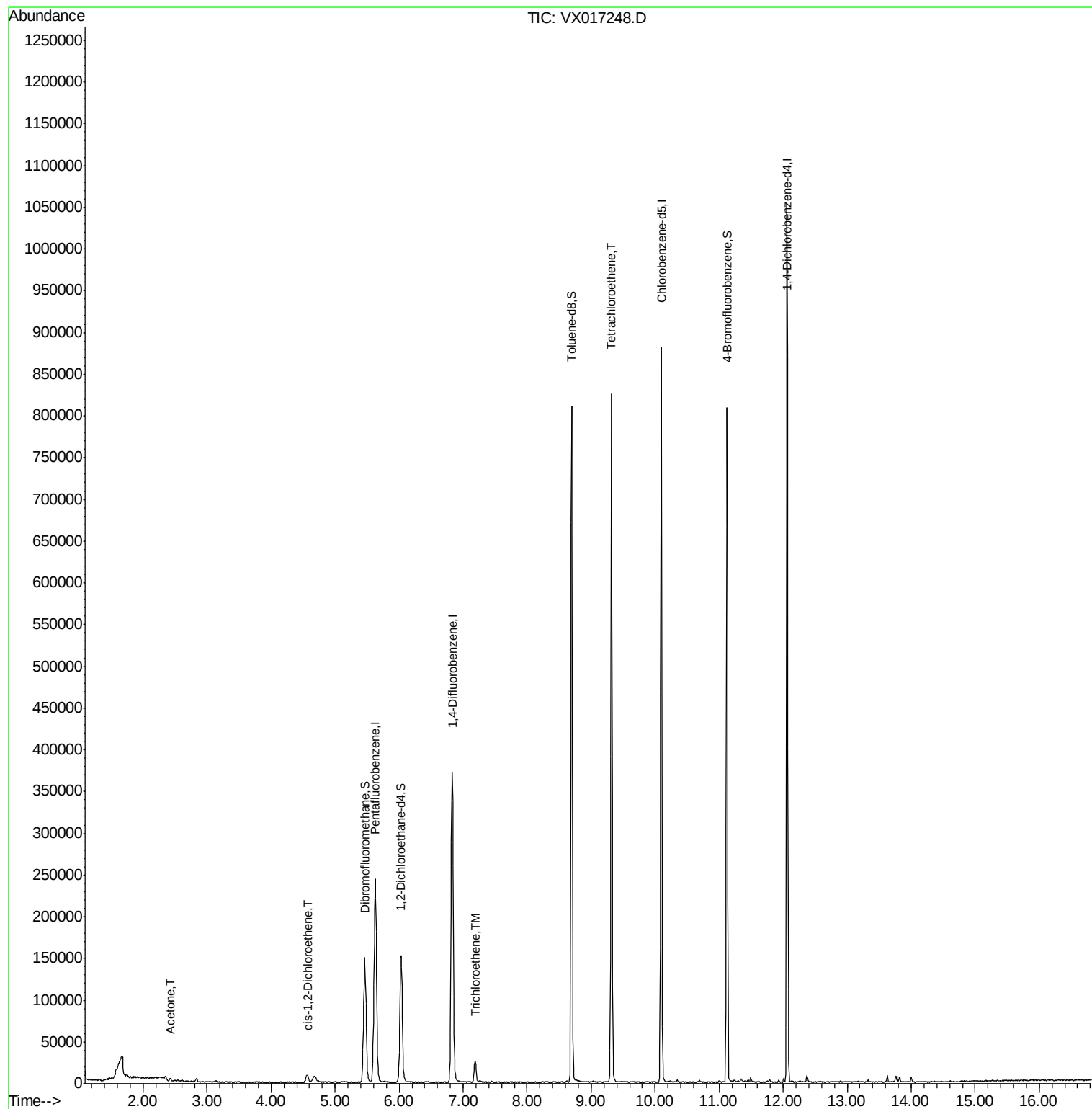
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	235819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	149018	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	5.46	113	126879	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
50) Toluene-d8	8.70	98	463312	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.12	95	198982	56.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.80%	
Target Compounds						
16) Acetone	2.42	43	4255	3.912	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	6204	2.115	ug/l	85
44) Trichloroethene	7.19	130	10054	3.140	ug/l	92
64) Tetrachloroethene	9.32	164	159919	48.634	ug/l	96

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 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: VX017248.D

Acq: 08 Jul 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

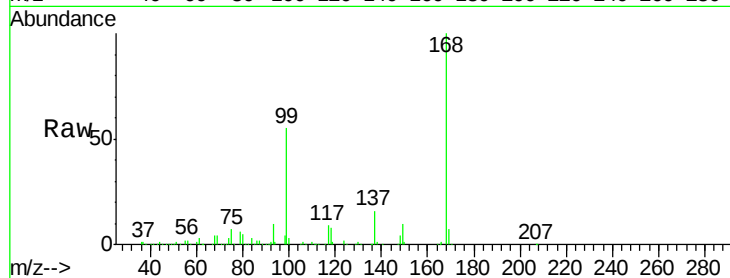
1007-MW-11DL

Tot Ion:168 Resp: 235819

Ion Ratio Lower Upper

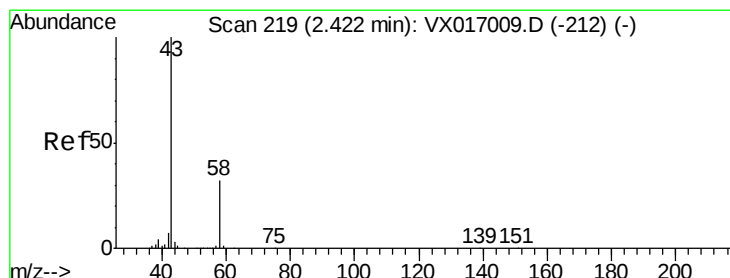
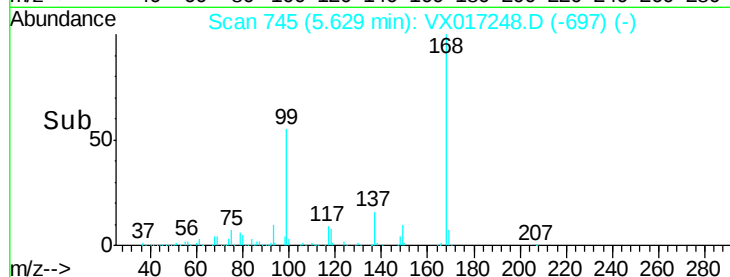
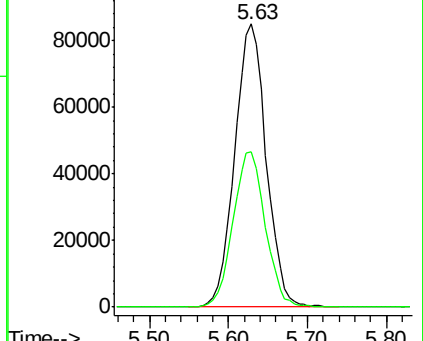
168 100

99 55.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.912 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017248.D

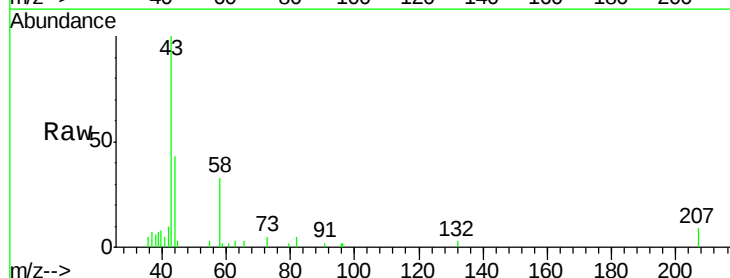
Acq: 08 Jul 2020 12:28

Tgt Ion: 43 Resp: 4255

Ion Ratio Lower Upper

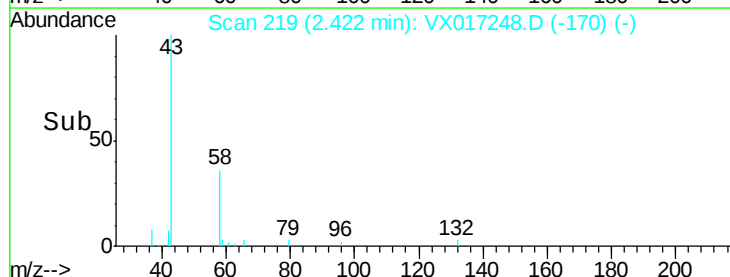
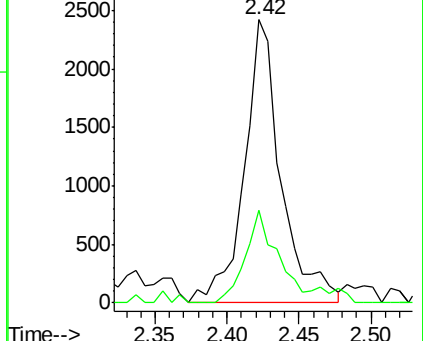
43 100

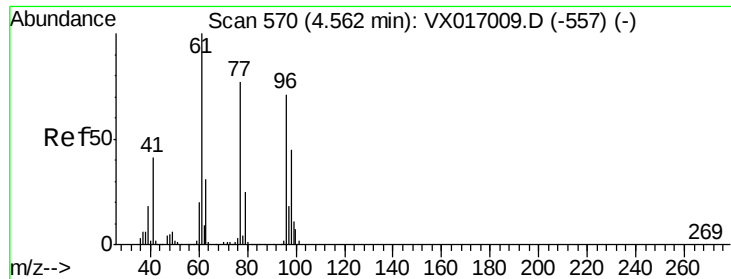
58 32.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



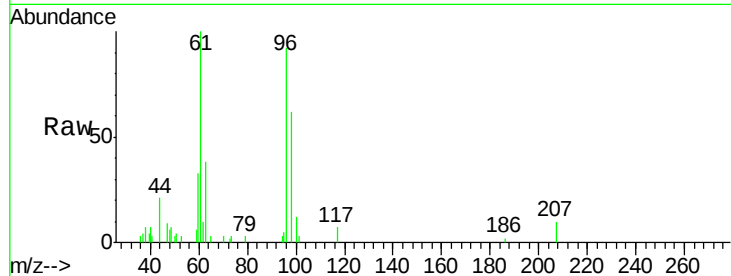


#27

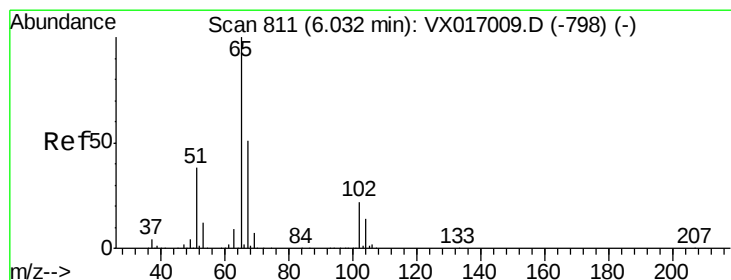
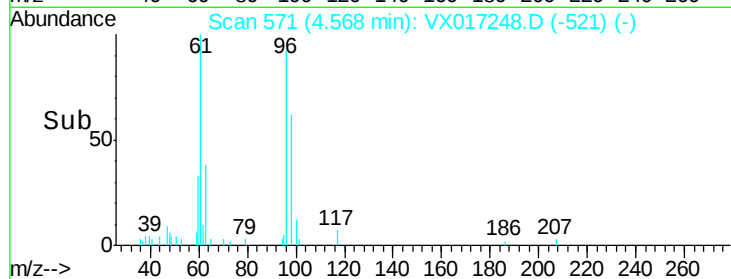
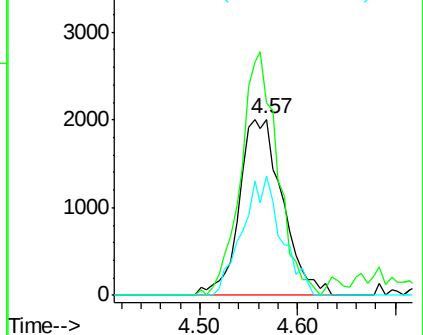
cis-1,2-Dichloroethene
 Concen: 2.115 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017248.D
 Acq: 08 Jul 2020 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 1007-MW-11DL

Tot Ion	96	Resp	6204
Ion	Ratio	Lower	Upper
96	100		
61	116.9	0.0	282.8
98	60.8	0.0	127.6



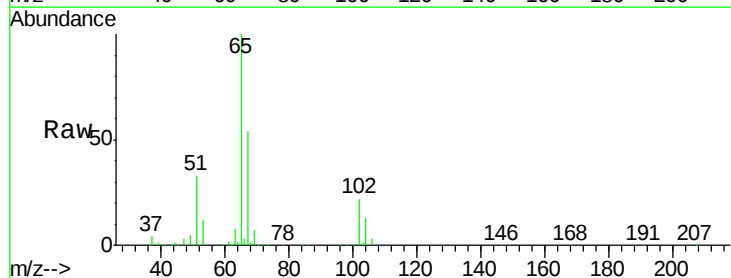
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



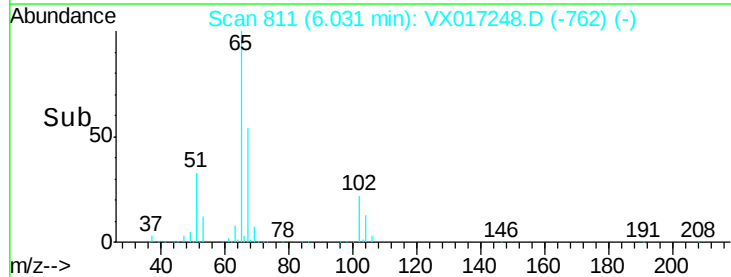
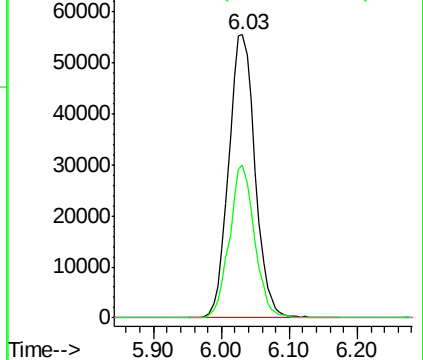
#33

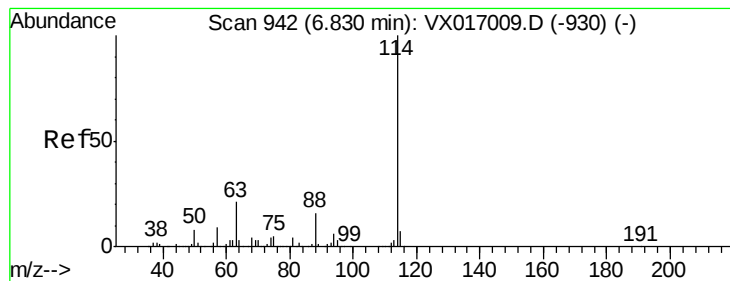
1,2-Dichloroethane-d4
 Concen: 51.259 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017248.D
 Acq: 08 Jul 2020 12:28

Tgt Ion	65	Resp	149018
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017248.D

Acq: 08 Jul 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

1007-MW-11DL

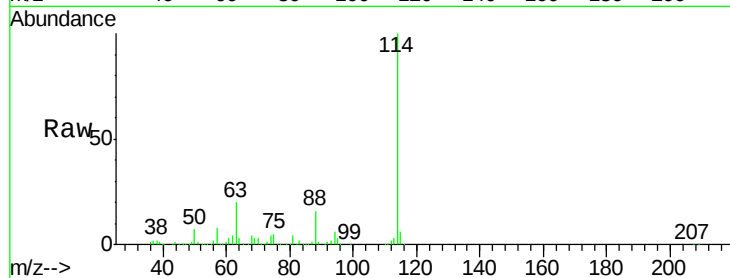
Tot Ion:114 Resp: 382452

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

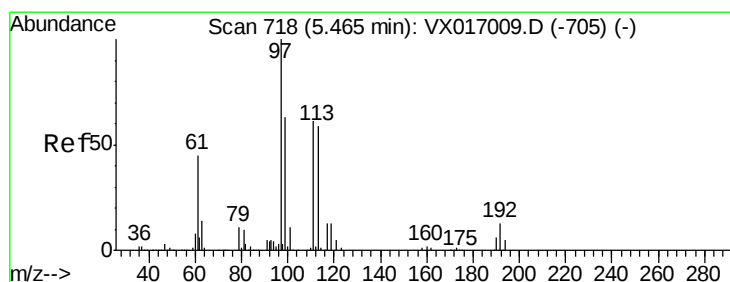
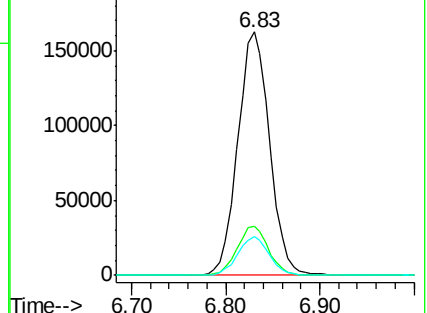
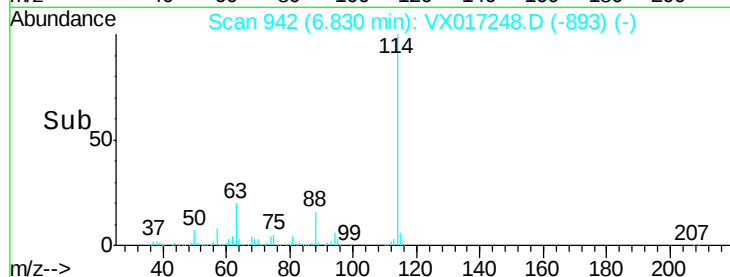
88 16.0 0.0 32.4



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



#35

Dibromofluoromethane

Concen: 52.445 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017248.D

Acq: 08 Jul 2020 12:28

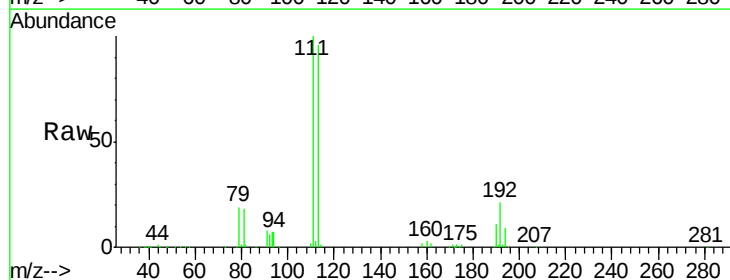
Tgt Ion:113 Resp: 126879

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

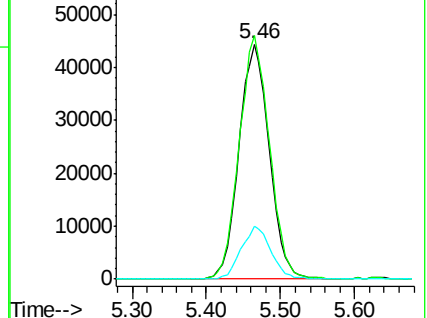
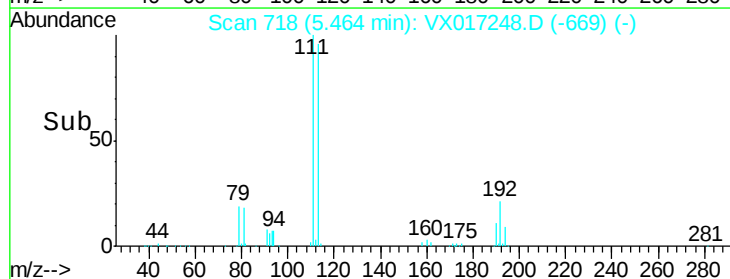
192 22.1 16.7 25.1

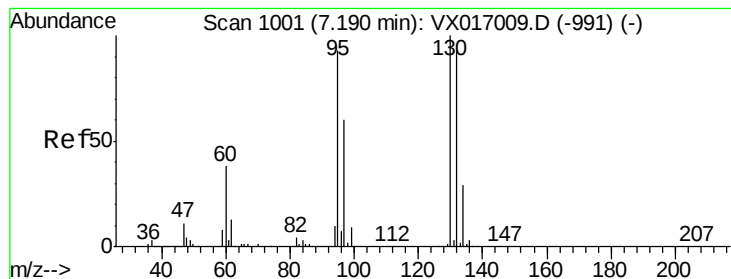


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.140 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017248.D

Acq: 08 Jul 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

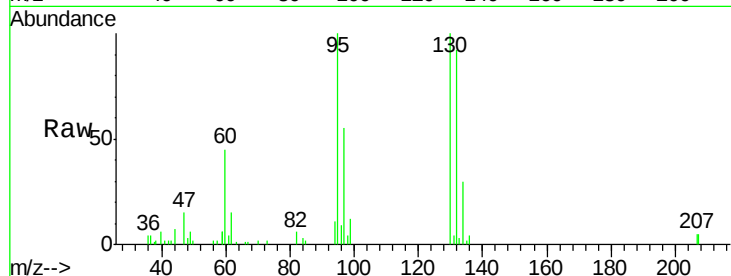
1007-MW-11DL

Tot Ion:130 Resp: 10054

Ion Ratio Lower Upper

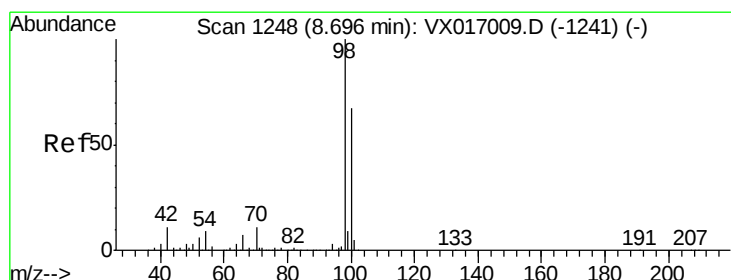
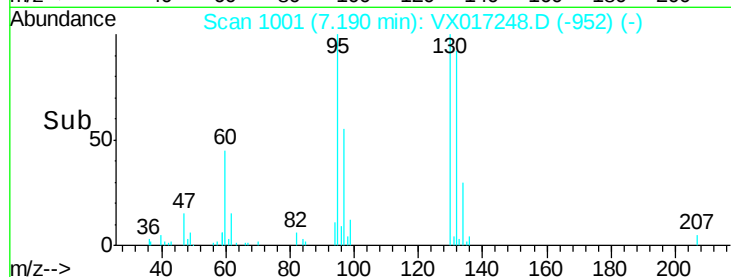
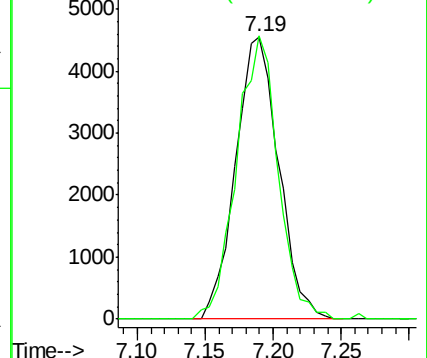
130 100

95 100.3 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.790 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017248.D

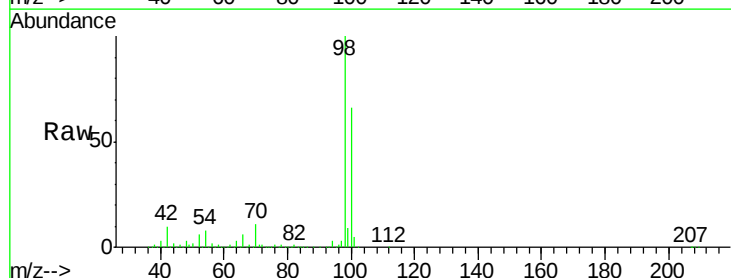
Acq: 08 Jul 2020 12:28

Tgt Ion: 98 Resp: 463312

Ion Ratio Lower Upper

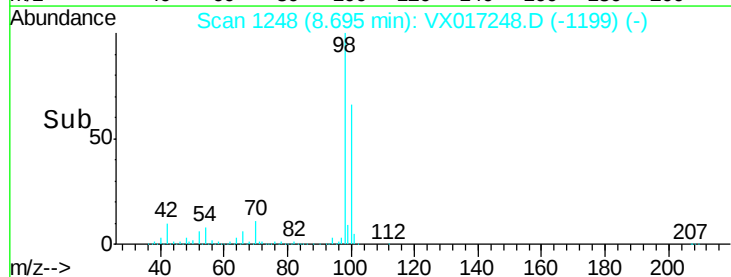
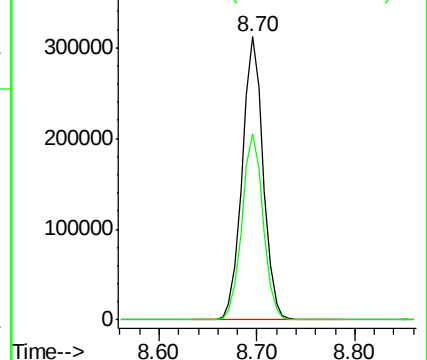
98 100

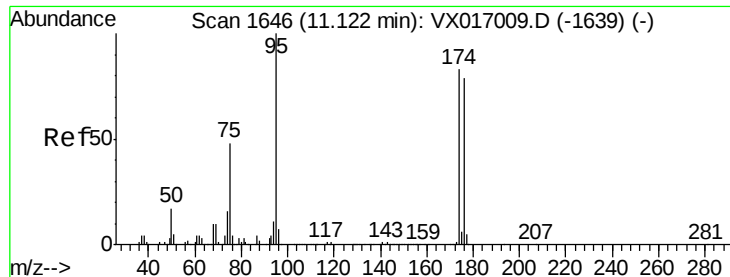
100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.899 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017248.D

Acq: 08 Jul 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

1007-MW-11DL

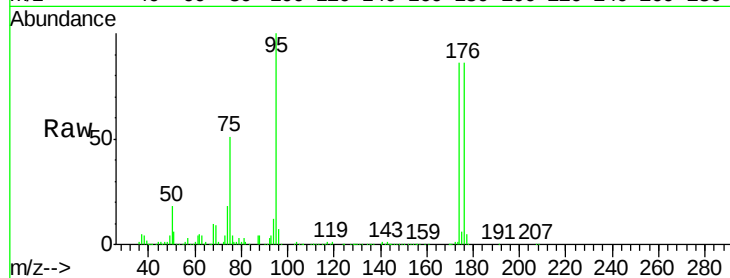
Tot Ion: 95 Resp: 198982

Ion Ratio Lower Upper

95 100

174 87.0 0.0 164.0

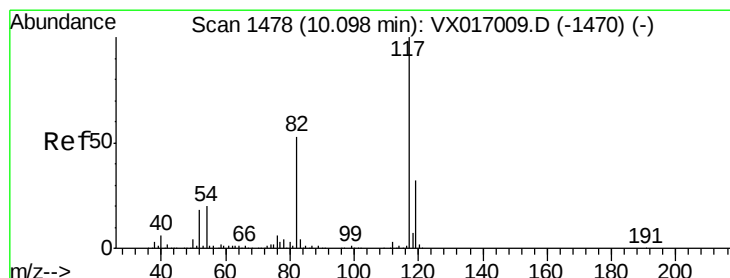
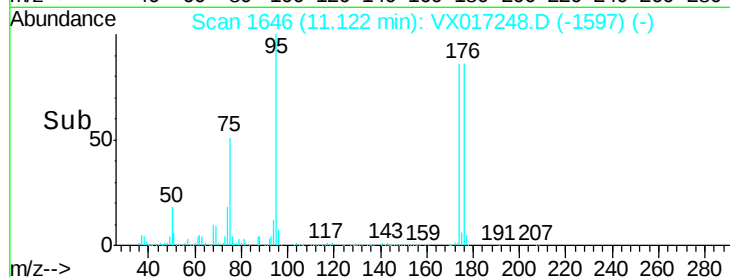
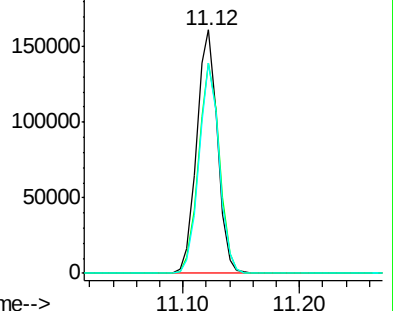
176 83.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017009.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017248.D

Acq: 08 Jul 2020 12:28

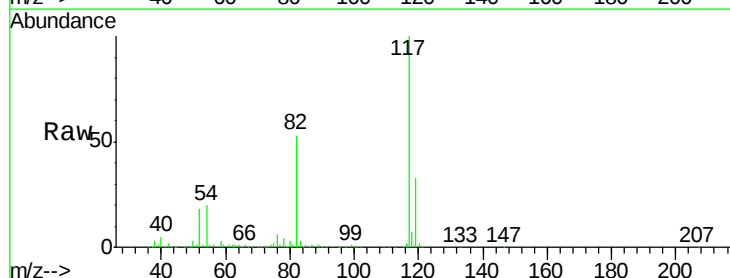
Tgt Ion: 117 Resp: 407430

Ion Ratio Lower Upper

117 100

82 53.3 42.6 63.8

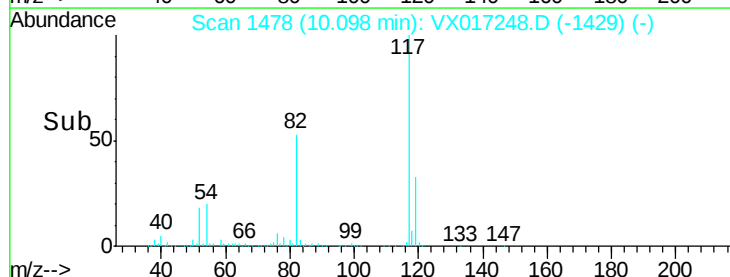
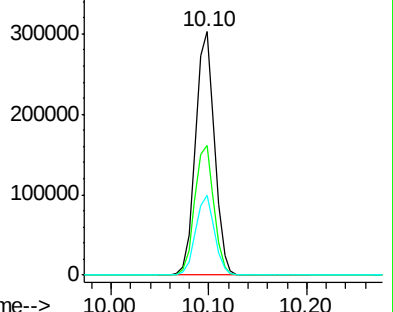
119 32.9 25.4 38.2

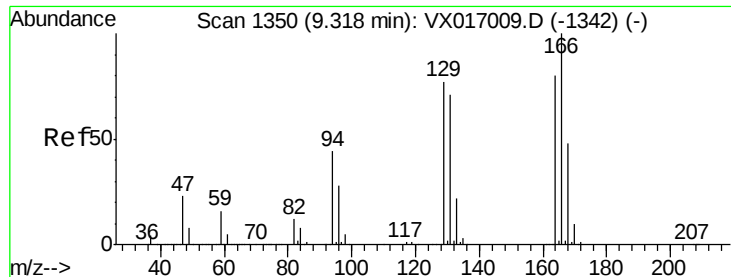


Abundance Ion 116.90 (116.60 to 117.60): VX017009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017009.D (-1470) (-)

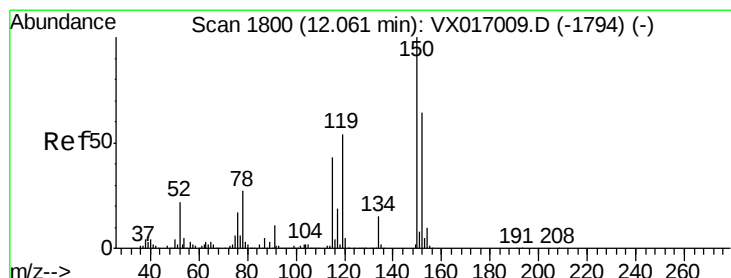
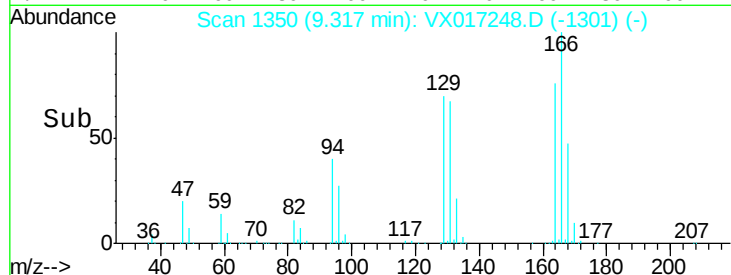
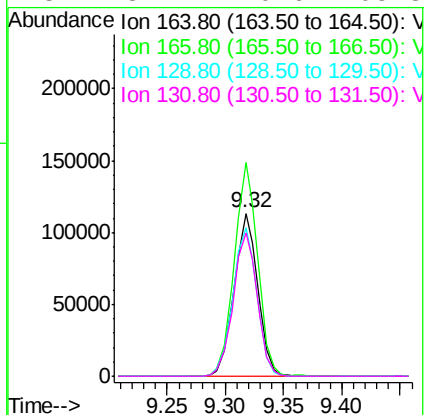
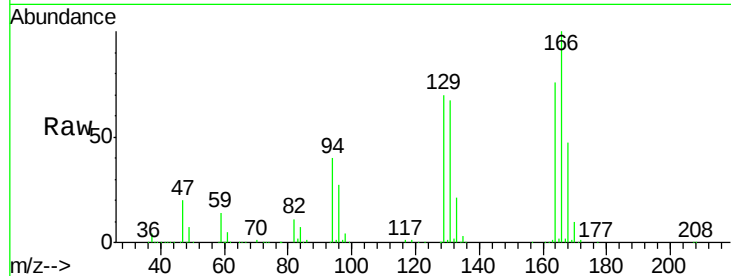




#64
Tetrachloroethene
Concen: 48.634 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017248.D
Acq: 08 Jul 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
1007-MW-11DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.1	99.4	149.0
129	91.4	76.3	114.5
131	87.7	70.6	105.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017248.D
Acq: 08 Jul 2020 12:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	40.9	122.7
150	155.4	0.0	351.6

