

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016740.D
 Acq On : 12 Jun 2020 19:42
 Operator : JC/SP
 Sample : L3005-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW003-200611

Quant Time: Jun 15 08:23:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	223780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	354882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193718	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	134799	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	5.47	113	112024	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	8.70	98	437739	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.12	95	176916	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	

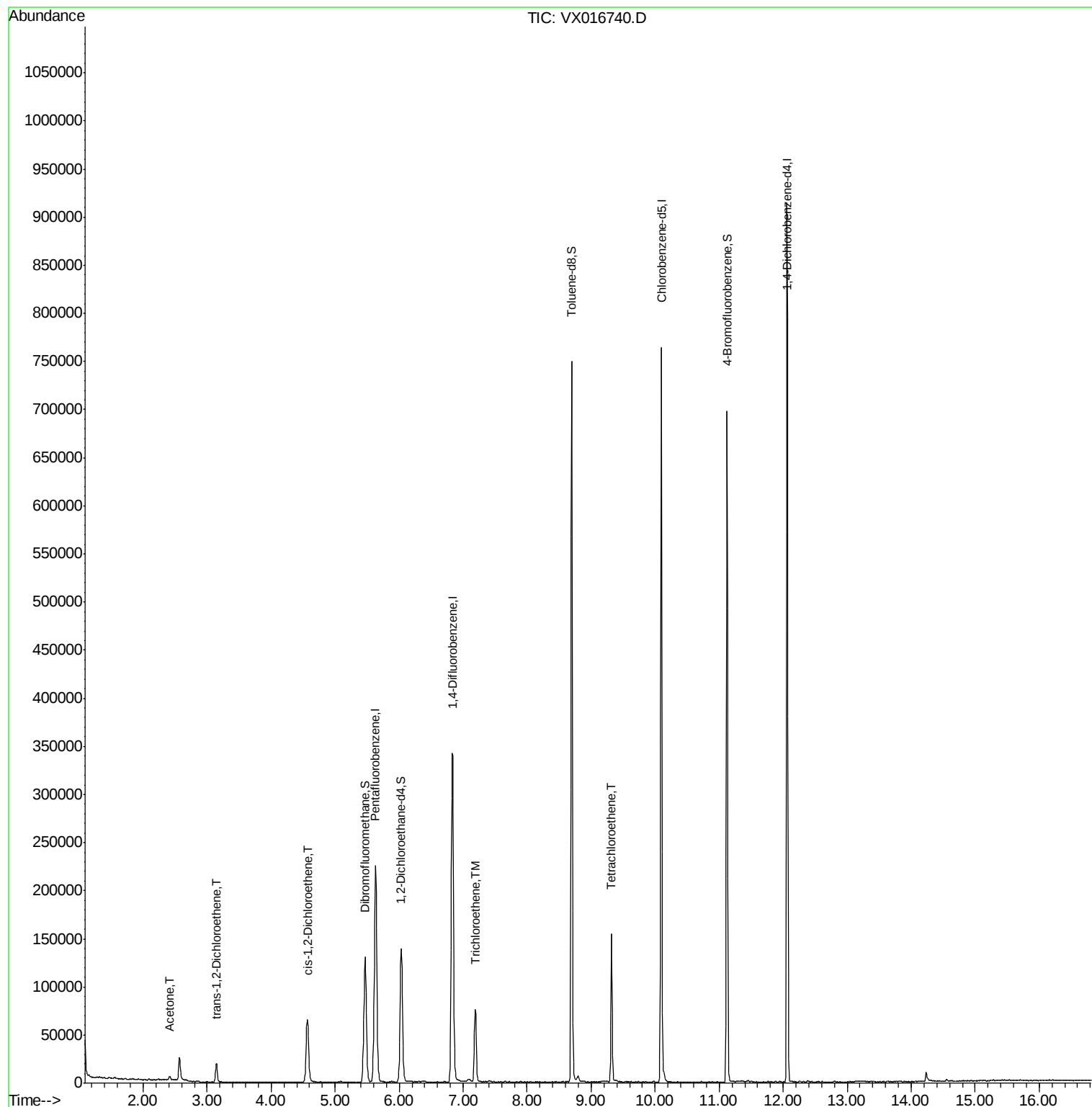
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.41	43	3849	3.161	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	8213	3.448	ug/l	88
27) cis-1,2-Dichloroethene	4.57	96	44395	16.112	ug/l	86
44) Trichloroethene	7.19	130	30387	9.572	ug/l	97
64) Tetrachloroethene	9.32	164	31291	7.586	ug/l	97

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016740.D

Acq: 12 Jun 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

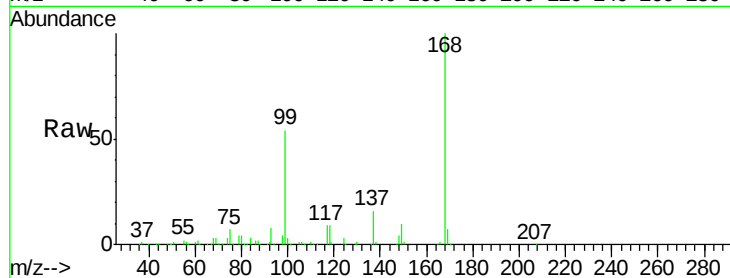
LF017MW003-200611

Tgt Ion:168 Resp: 223780

Ion Ratio Lower Upper

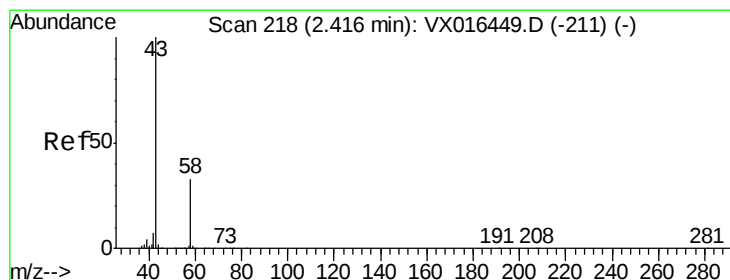
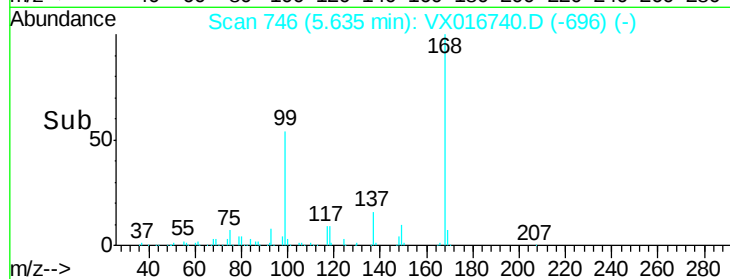
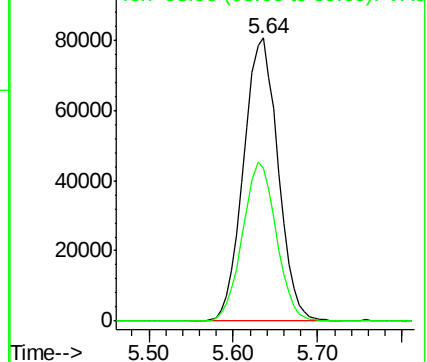
168 100

99 54.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.161 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX016740.D

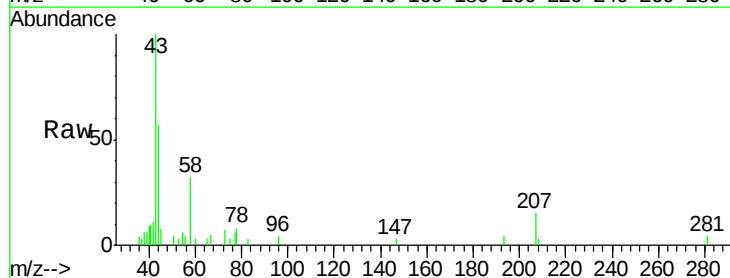
Acq: 12 Jun 2020 19:42

Tgt Ion: 43 Resp: 3849

Ion Ratio Lower Upper

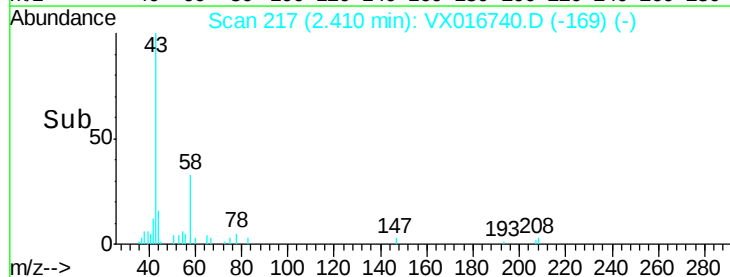
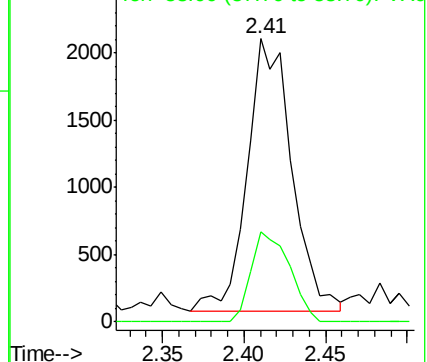
43 100

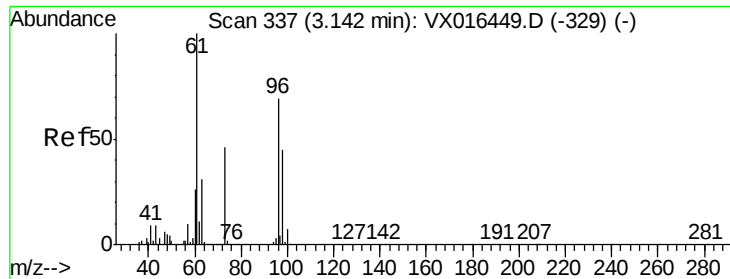
58 33.0 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 3.448 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016740.D

Acq: 12 Jun 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-200611

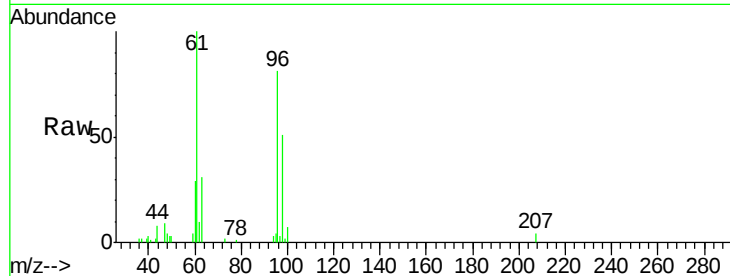
Tgt Ion: 96 Resp: 8213

Ion Ratio Lower Upper

96 100

61 123.7 115.3 172.9

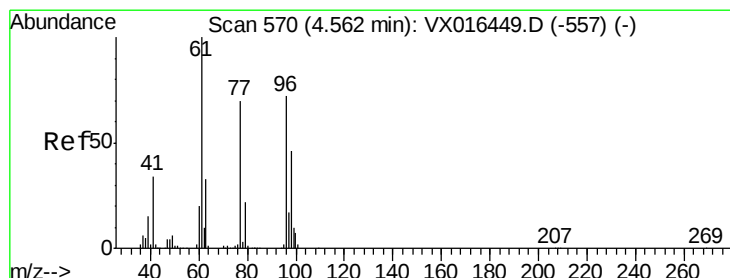
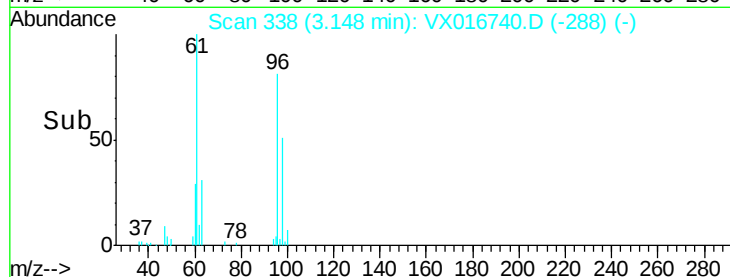
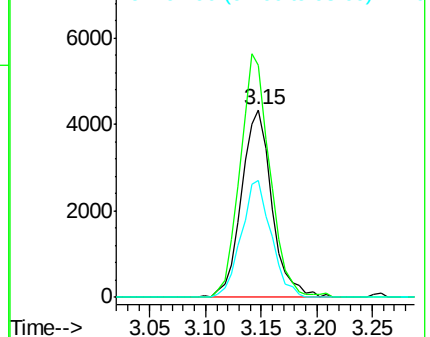
98 62.6 51.9 77.9



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: 16.112 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016740.D

Acq: 12 Jun 2020 19:42

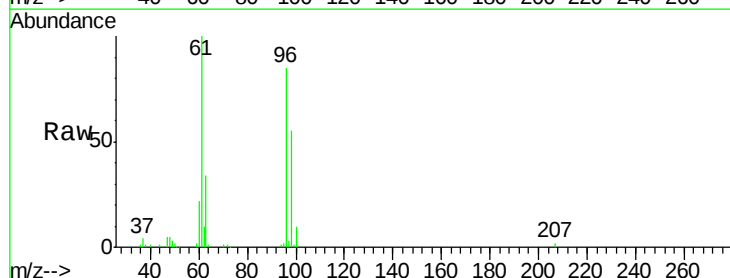
Tgt Ion: 96 Resp: 44395

Ion Ratio Lower Upper

96 100

61 117.8 0.0 284.6

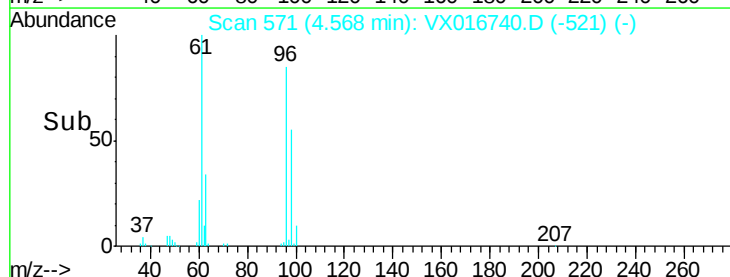
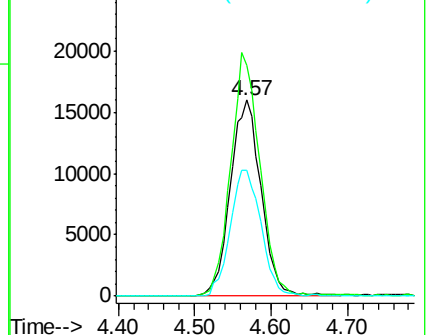
98 64.3 0.0 127.2

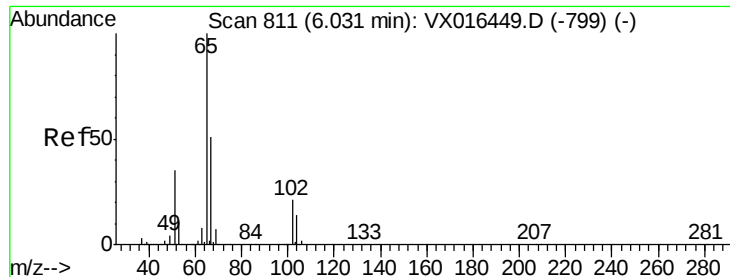


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

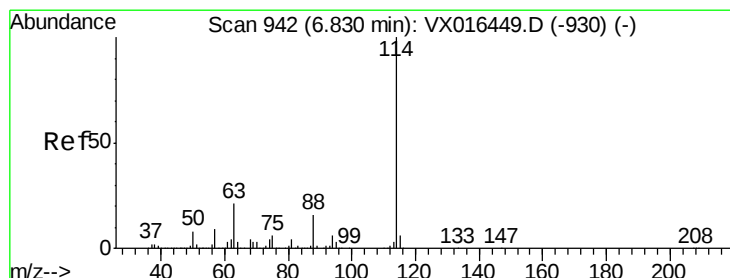
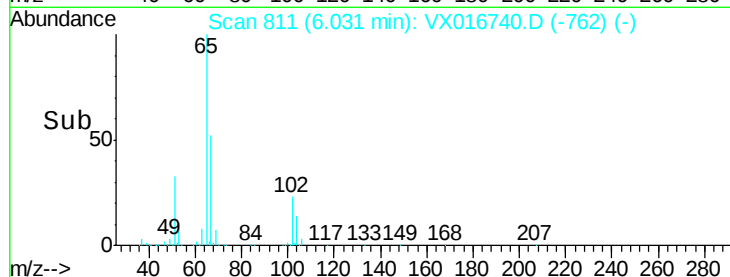
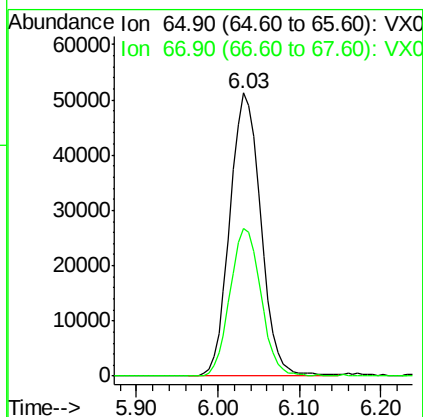
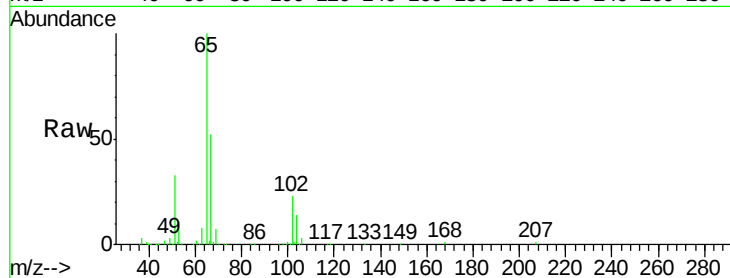




#33
 1,2-Dichloroethane-d4
 Concen: 48.505 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016740.D
 Acq: 12 Jun 2020 19:42

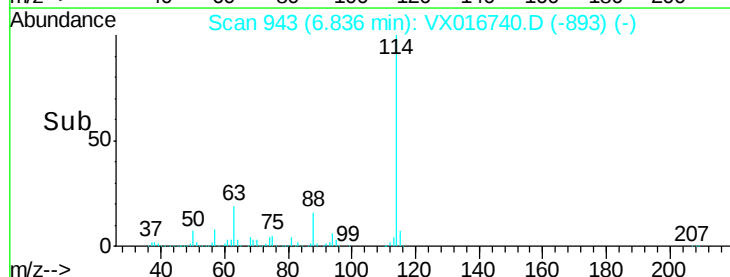
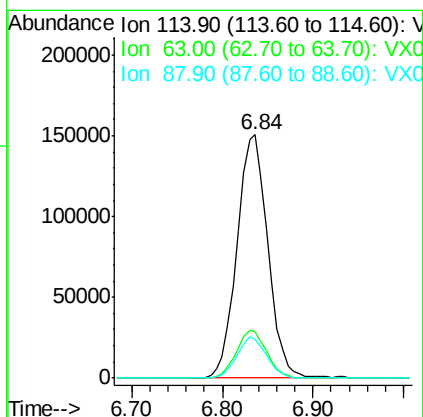
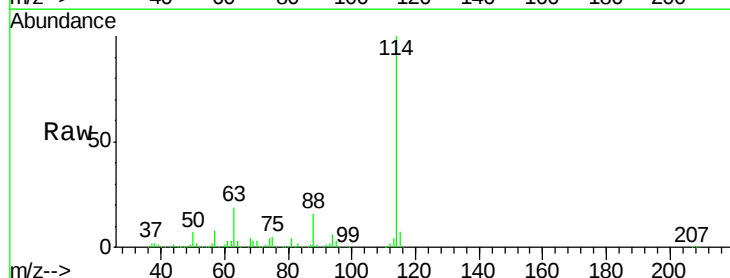
Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW003-200611

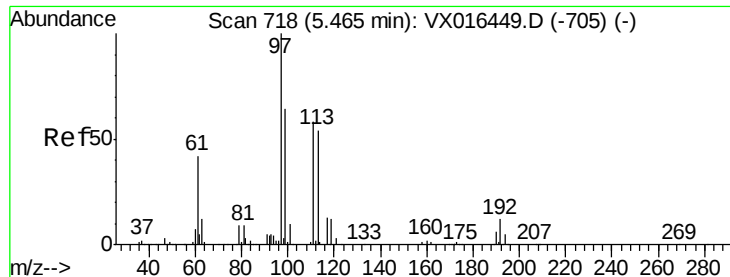
Tgt Ion: 65 Resp: 134799
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016740.D
 Acq: 12 Jun 2020 19:42

Tgt Ion: 114 Resp: 354882
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.6
 88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.266 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016740.D

Acq: 12 Jun 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-200611

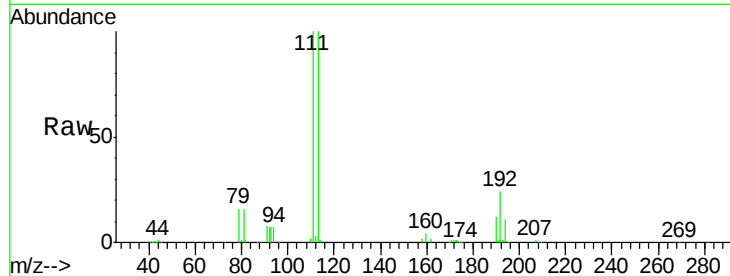
Tgt Ion:113 Resp: 112024

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

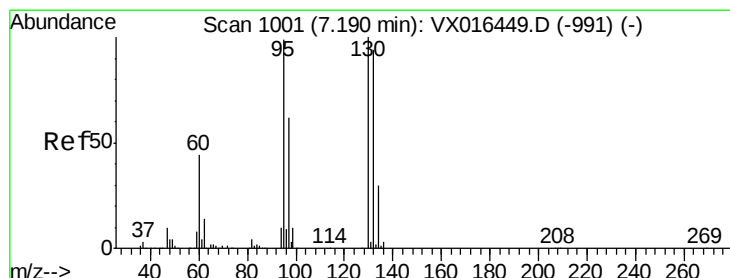
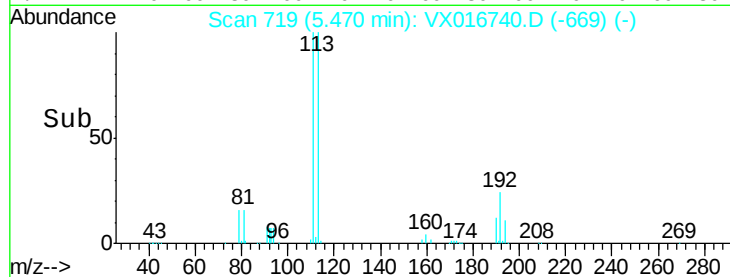
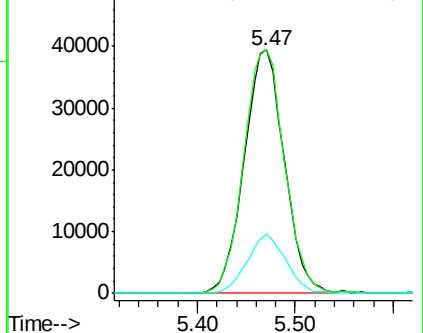
192 23.5 17.7 26.5



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: 9.572 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016740.D

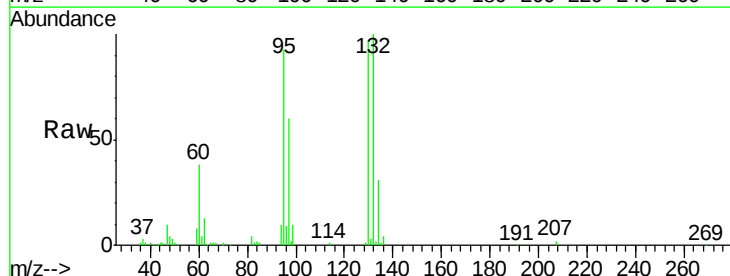
Acq: 12 Jun 2020 19:42

Tgt Ion:130 Resp: 30387

Ion Ratio Lower Upper

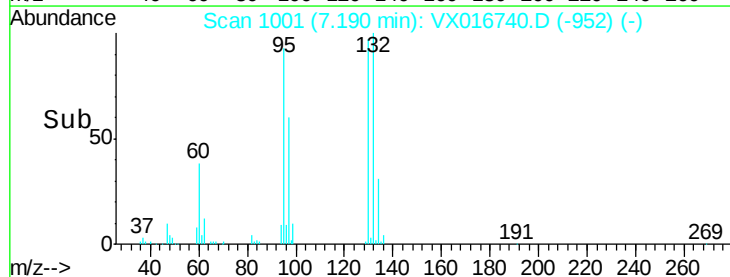
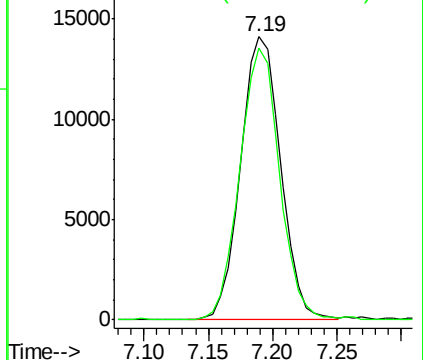
130 100

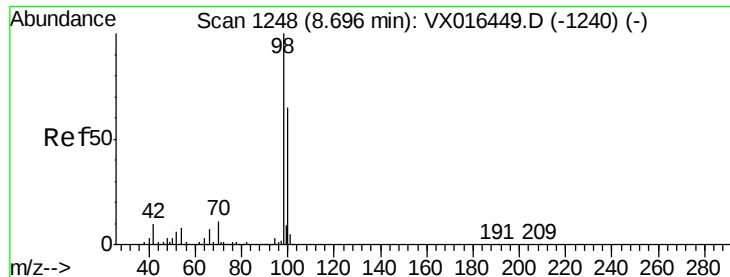
95 96.1 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.468 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016740.D

Acq: 12 Jun 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

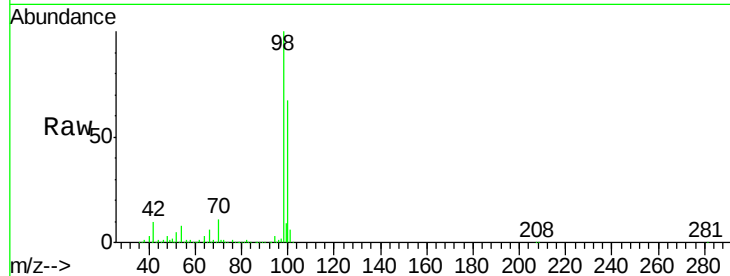
LF017MW003-200611

Tgt Ion: 98 Resp: 437739

Ion Ratio Lower Upper

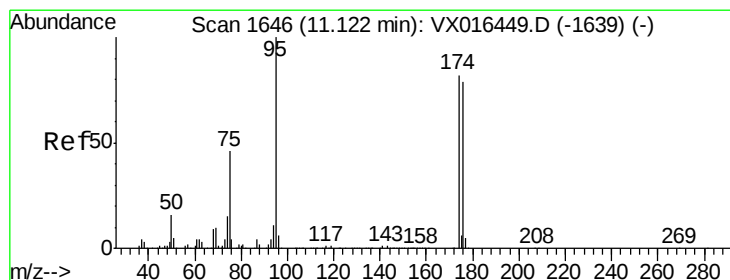
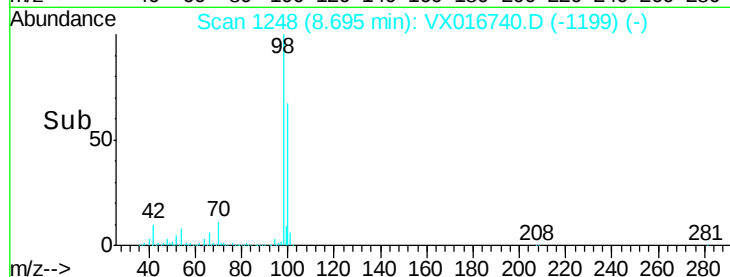
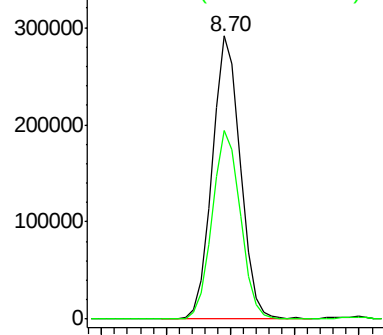
98 100

100 66.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.833 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016740.D

Acq: 12 Jun 2020 19:42

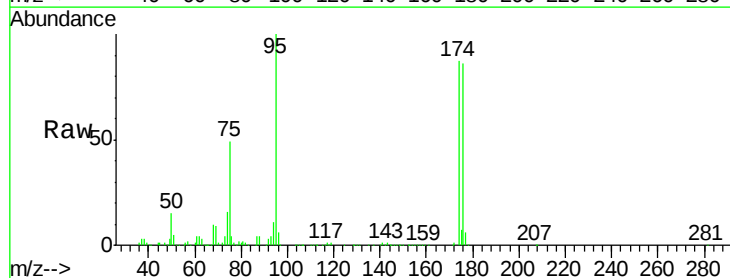
Tgt Ion: 95 Resp: 176916

Ion Ratio Lower Upper

95 100

174 87.3 0.0 163.0

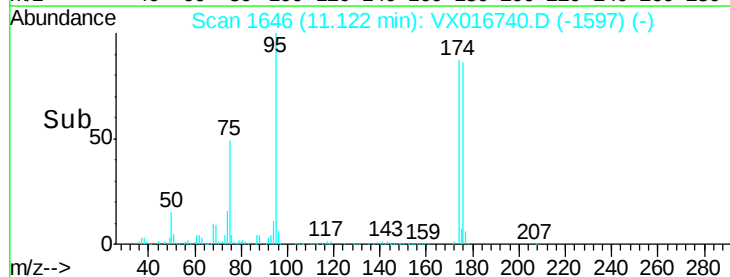
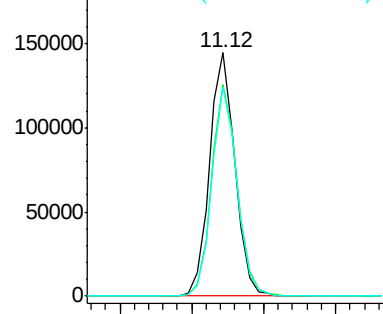
176 84.6 0.0 156.8

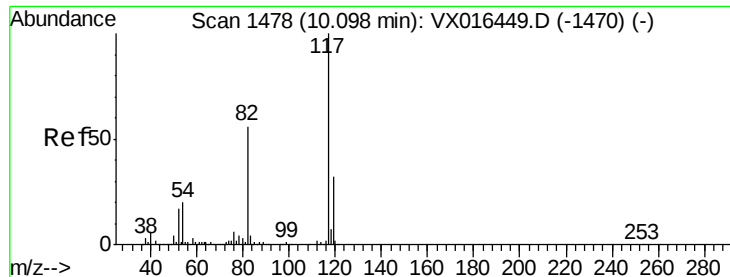


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

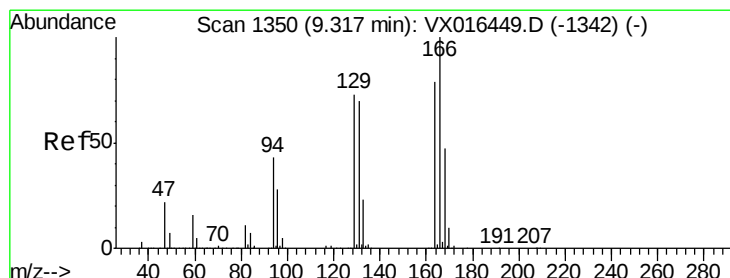
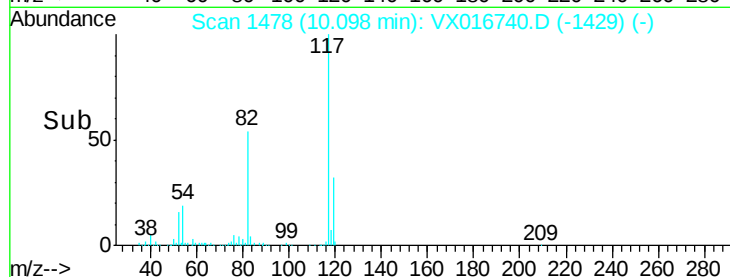
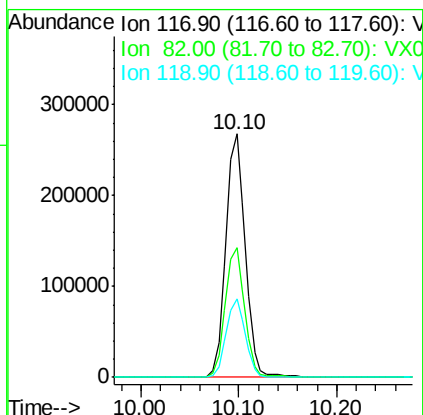
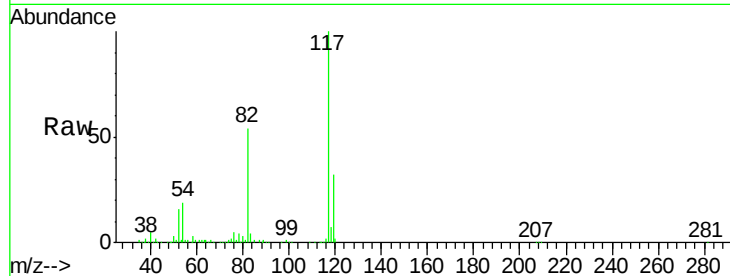




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016740.D
Acq: 12 Jun 2020 19:42

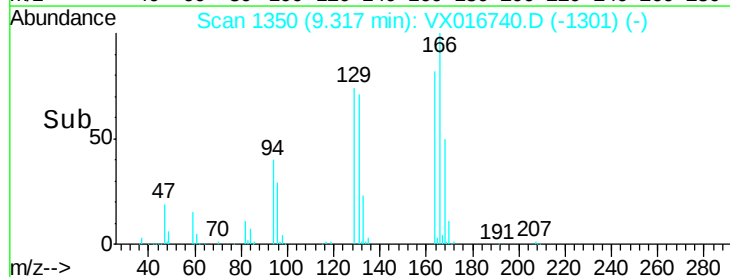
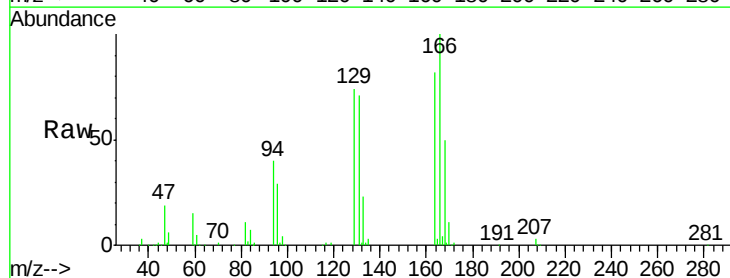
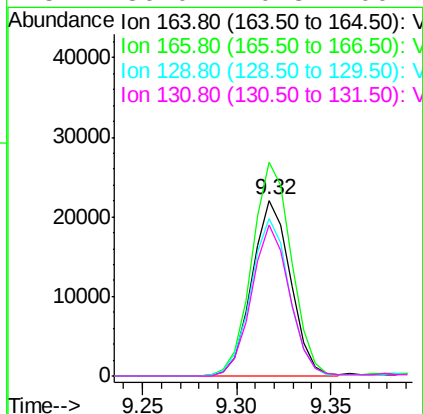
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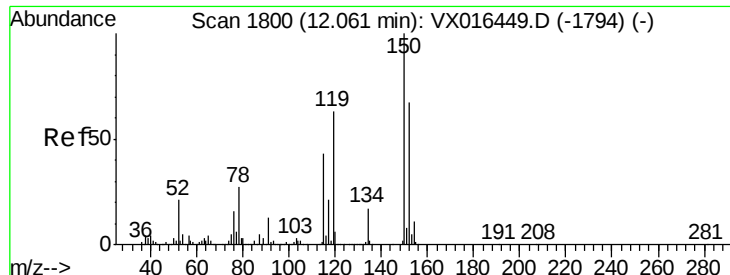
Tgt Ion:117 Resp: 368693
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.6
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 7.586 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016740.D
Acq: 12 Jun 2020 19:42

Tgt Ion:164 Resp: 31291
Ion Ratio Lower Upper
164 100
166 121.6 100.9 151.3
129 89.7 73.2 109.8
131 86.0 70.8 106.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016740.D

Acq: 12 Jun 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-200611

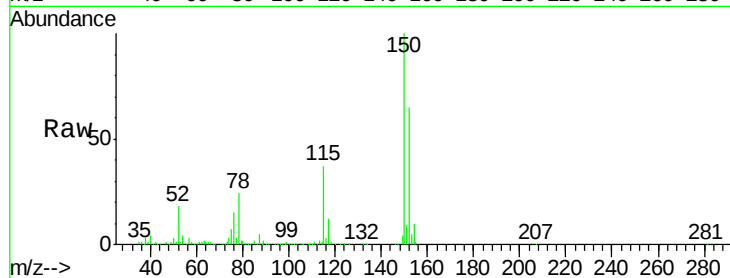
Tgt Ion:152 Resp: 193718

Ion Ratio Lower Upper

152 100

115 57.4 39.9 119.6

150 155.0 0.0 341.0



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

