

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016700.D
 Acq On : 11 Jun 2020 13:41
 Operator : JC/SP
 Sample : L2978-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW040-200610

Quant Time: Jun 12 07:18:27 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

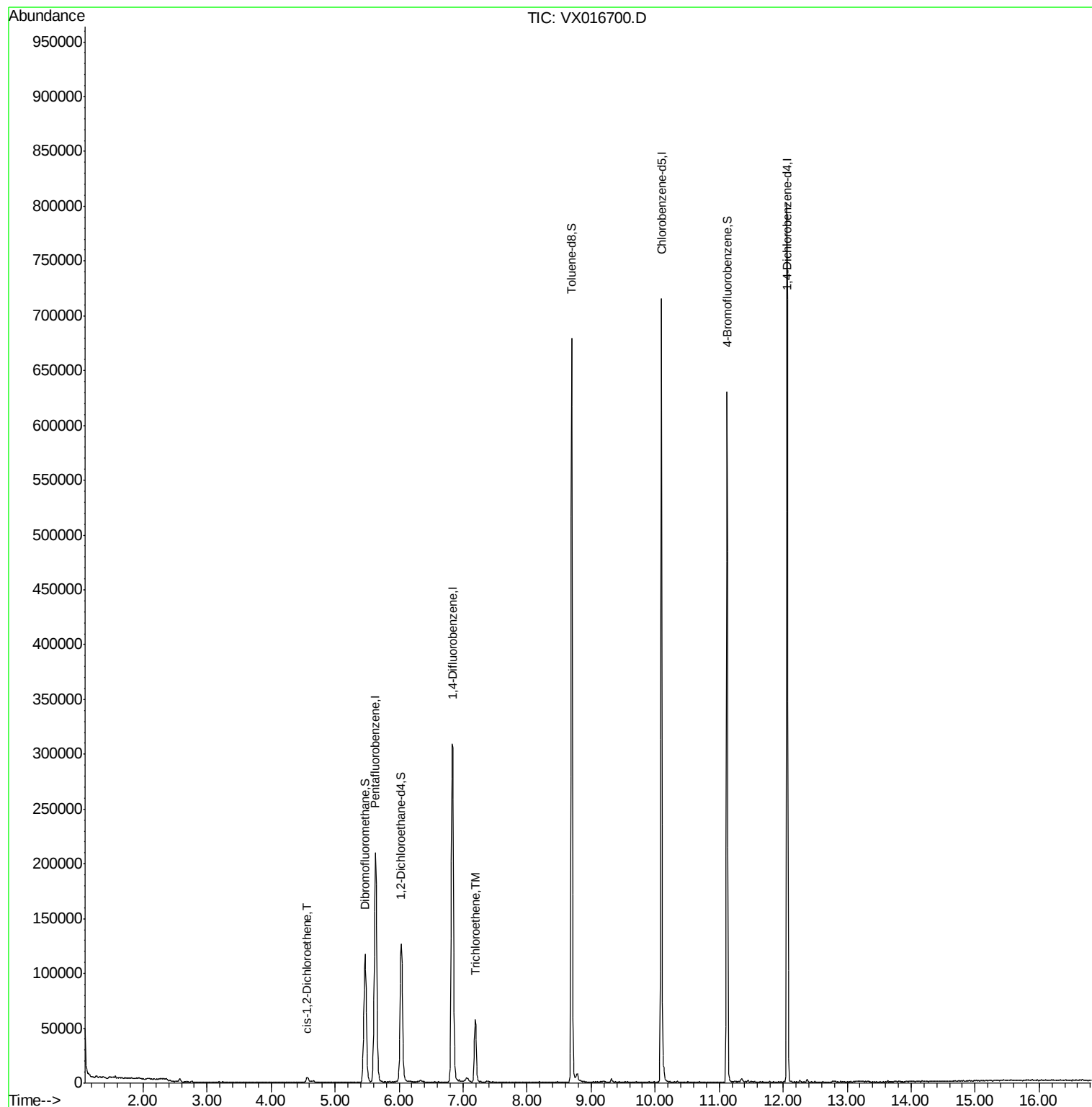
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	207177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	327994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	173576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	123930	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	5.47	113	100284	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	8.70	98	404382	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.12	95	164627	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	3312	1.298	ug/l	78
44) Trichloroethene	7.19	130	22335	7.612	ug/l	99

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

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QLast Update : Wed May 27 16:31:05 2020
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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: VX016700.D

Acq: 11 Jun 2020 13:41

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MSVOA_X

ClientSampleId :

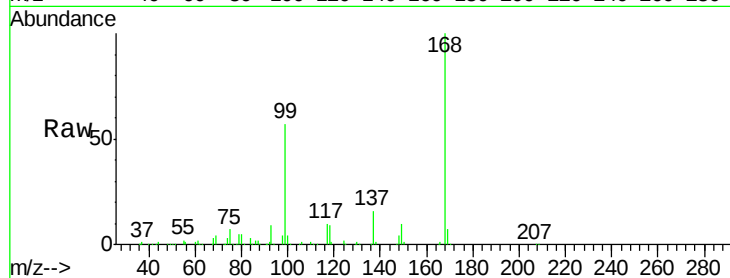
LF014RW040-200610

Tot Ion:168 Resp: 207177

Ion Ratio Lower Upper

168 100

99 57.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

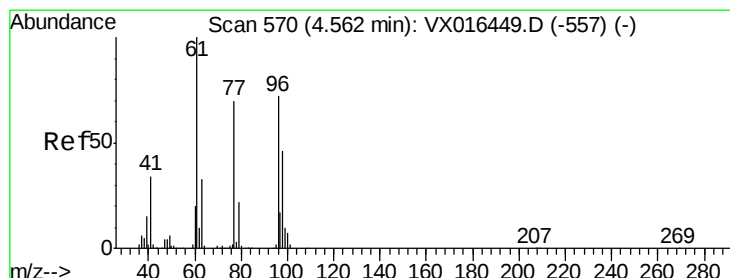
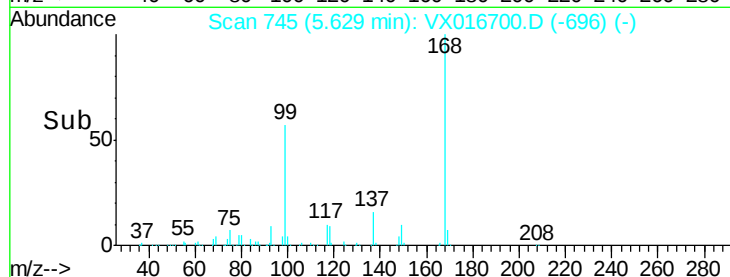
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.298 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016700.D

Acq: 11 Jun 2020 13:41

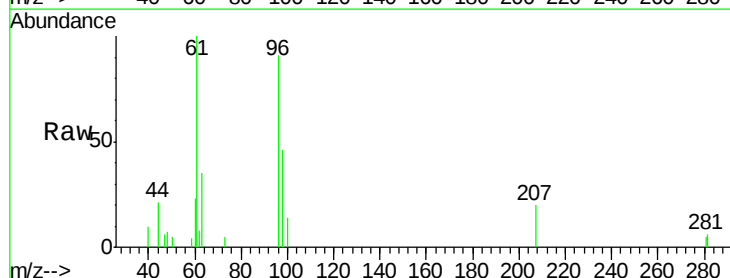
Tgt Ion: 96 Resp: 3312

Ion Ratio Lower Upper

96 100

61 108.9 0.0 284.6

98 55.9 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

1500

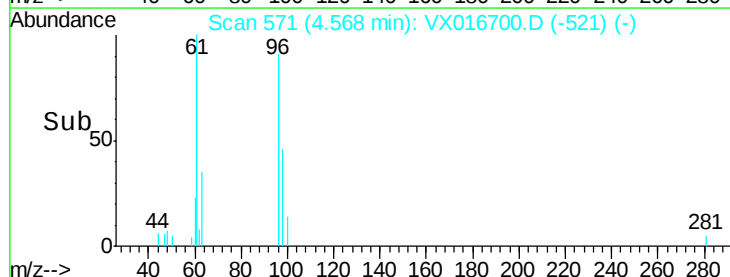
1000

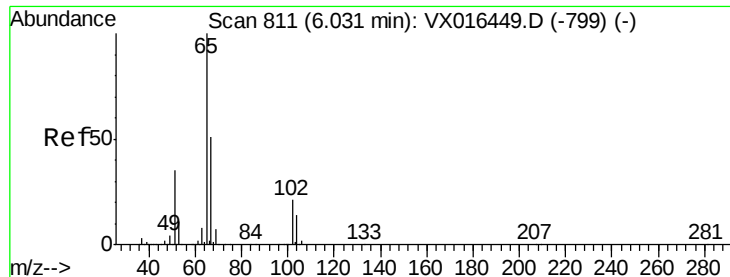
500

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.168 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016700.D

Acq: 11 Jun 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

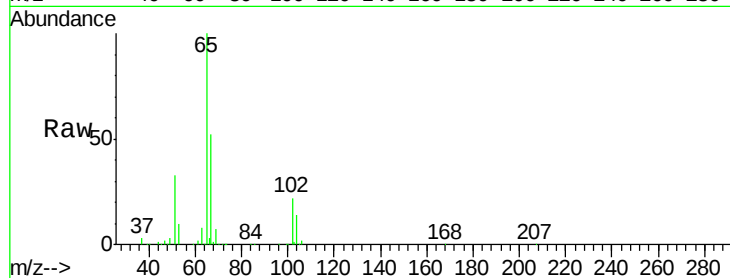
LF014RW040-200610

Tot Ion: 65 Resp: 123930

Ion Ratio Lower Upper

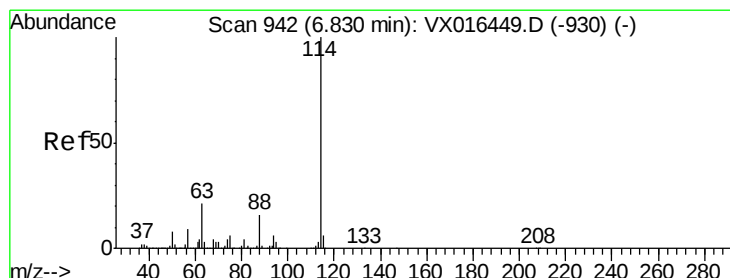
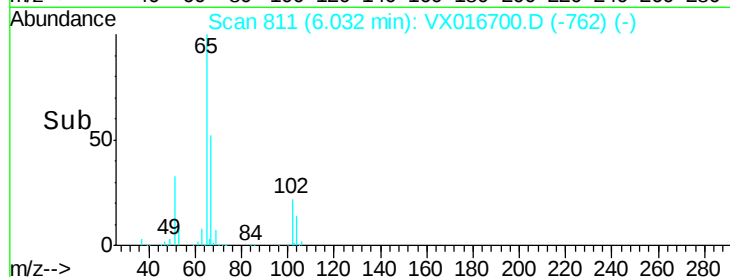
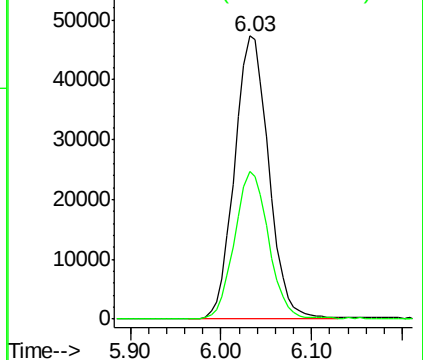
65 100

67 52.0 0.0 104.8



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: VX016700.D

Acq: 11 Jun 2020 13:41

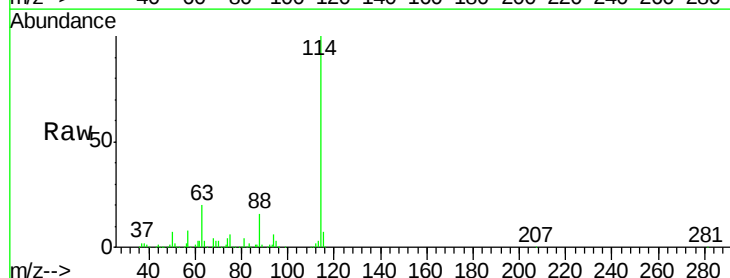
Tgt Ion: 114 Resp: 327994

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

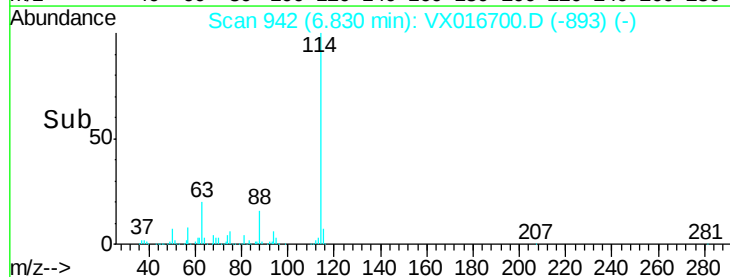
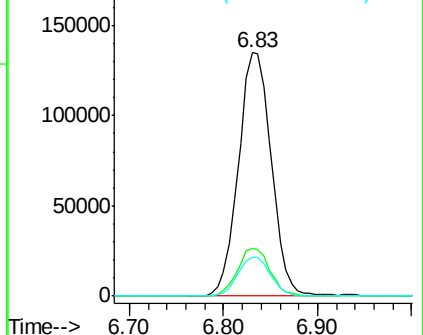
88 16.1 0.0 32.8

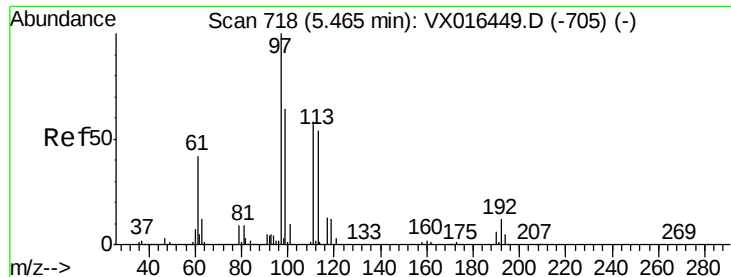


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

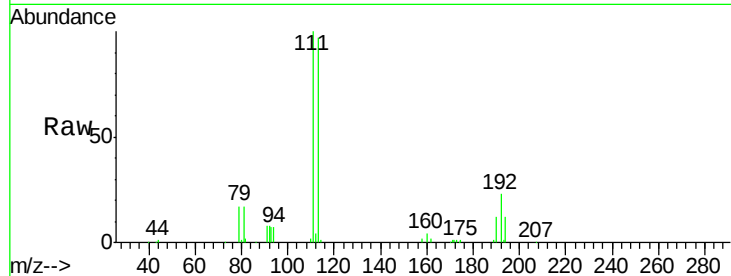




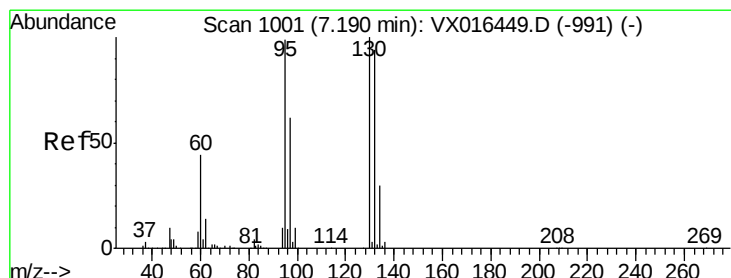
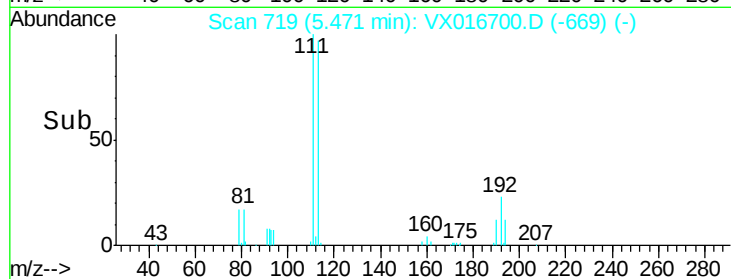
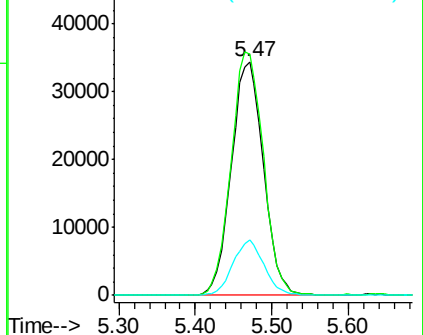
#35
Dibromofluoromethane
Concen: 49.655 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
LF014RW040-200610

Tot Ion:113 Resp: 100284
Ion Ratio Lower Upper
113 100
111 104.5 83.0 124.6
192 22.9 17.7 26.5

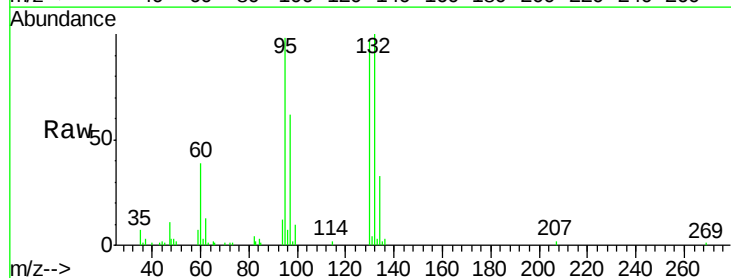


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

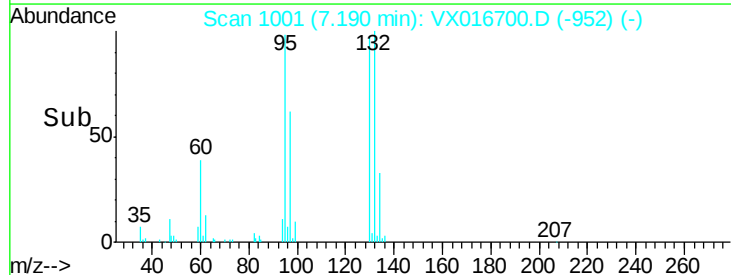
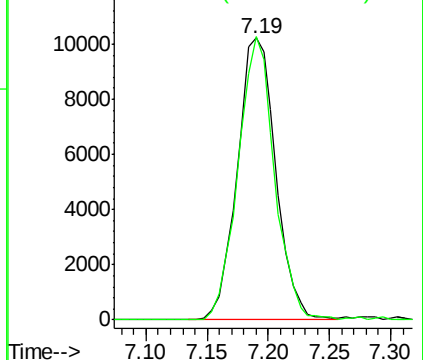


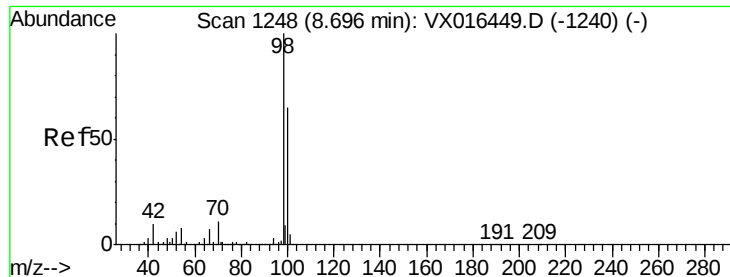
#44
Trichloroethene
Concen: 7.612 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

Tgt Ion:130 Resp: 22335
Ion Ratio Lower Upper
130 100
95 100.5 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.443 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016700.D

Acq: 11 Jun 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

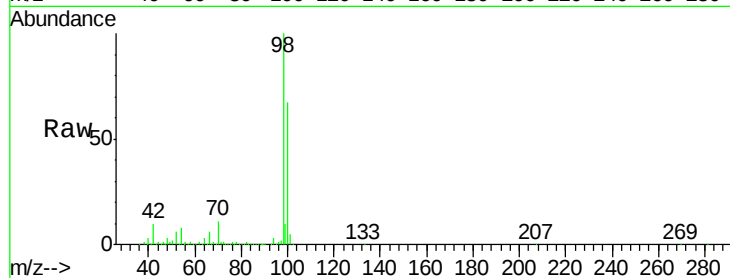
LF014RW040-200610

Tot Ion: 98 Resp: 404382

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): VX

8.70

250000

200000

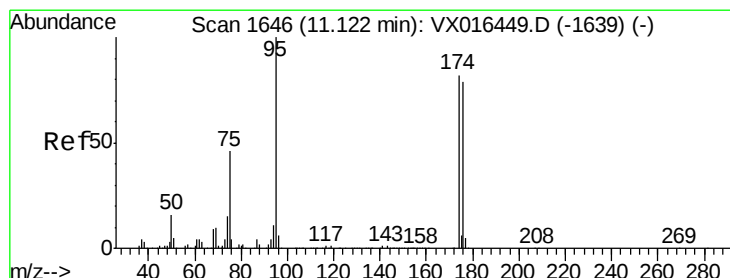
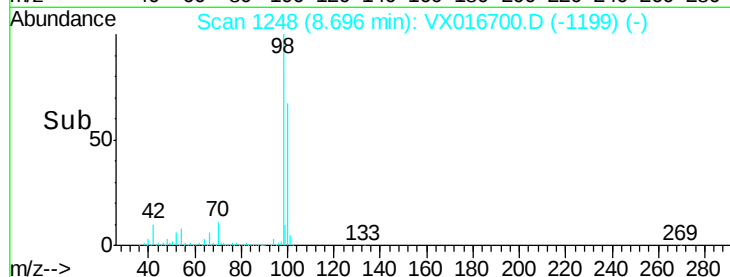
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.200 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016700.D

Acq: 11 Jun 2020 13:41

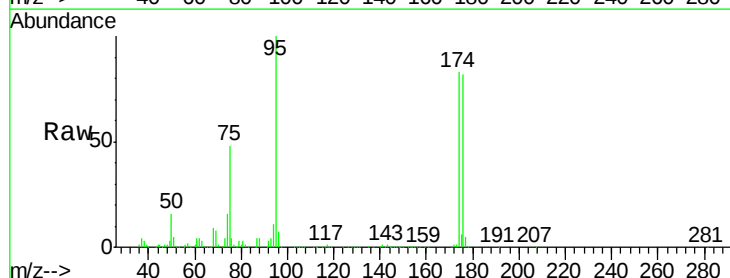
Tgt Ion: 95 Resp: 164627

Ion Ratio Lower Upper

95 100

174 85.8 0.0 163.0

176 84.0 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

11.12

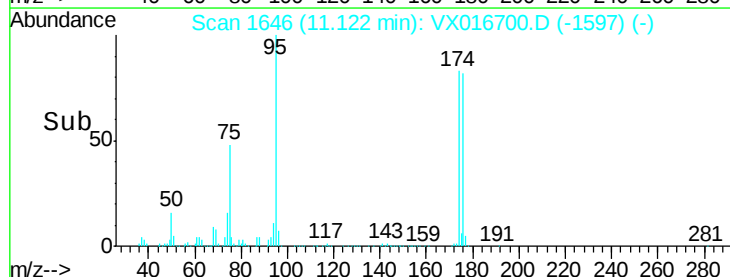
150000

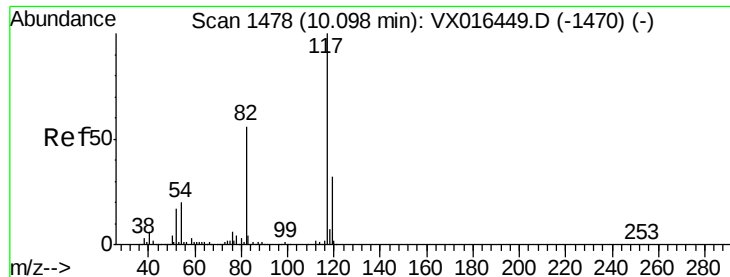
100000

50000

0

Time-->

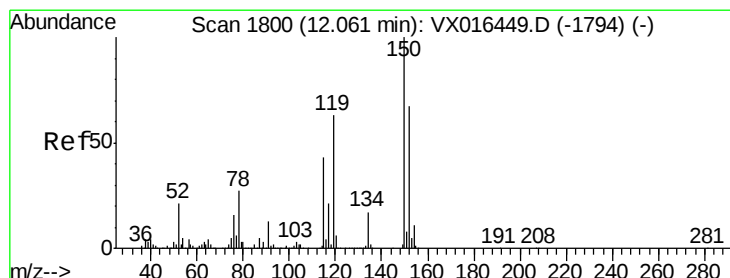
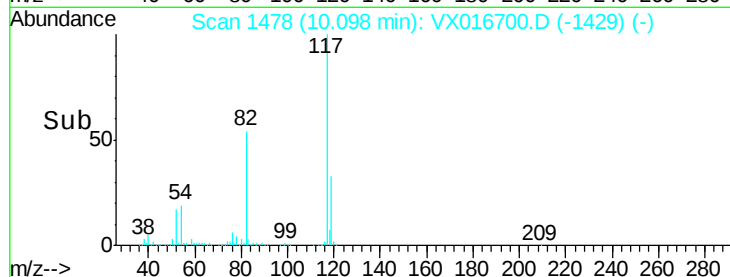
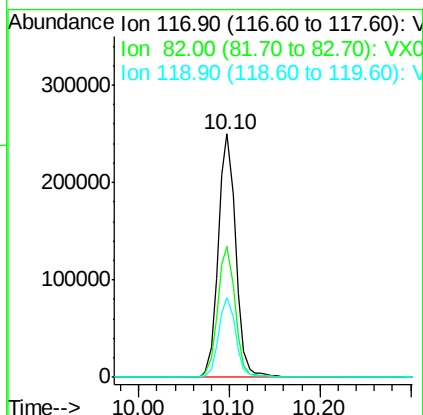
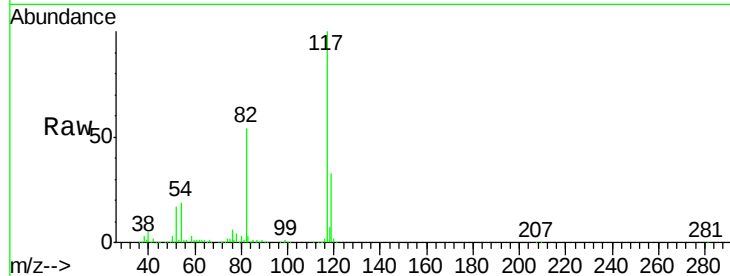




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
LF014RW040-200610

Tot Ion:117 Resp: 337926
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.6
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

Tgt Ion:152 Resp: 173576
Ion Ratio Lower Upper
152 100
115 58.2 39.9 119.6
150 155.1 0.0 341.0

