

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016699.D
 Acq On : 11 Jun 2020 13:18
 Operator : JC/SP
 Sample : L2978-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW041-200610

Quant Time: Jun 12 07:17:06 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

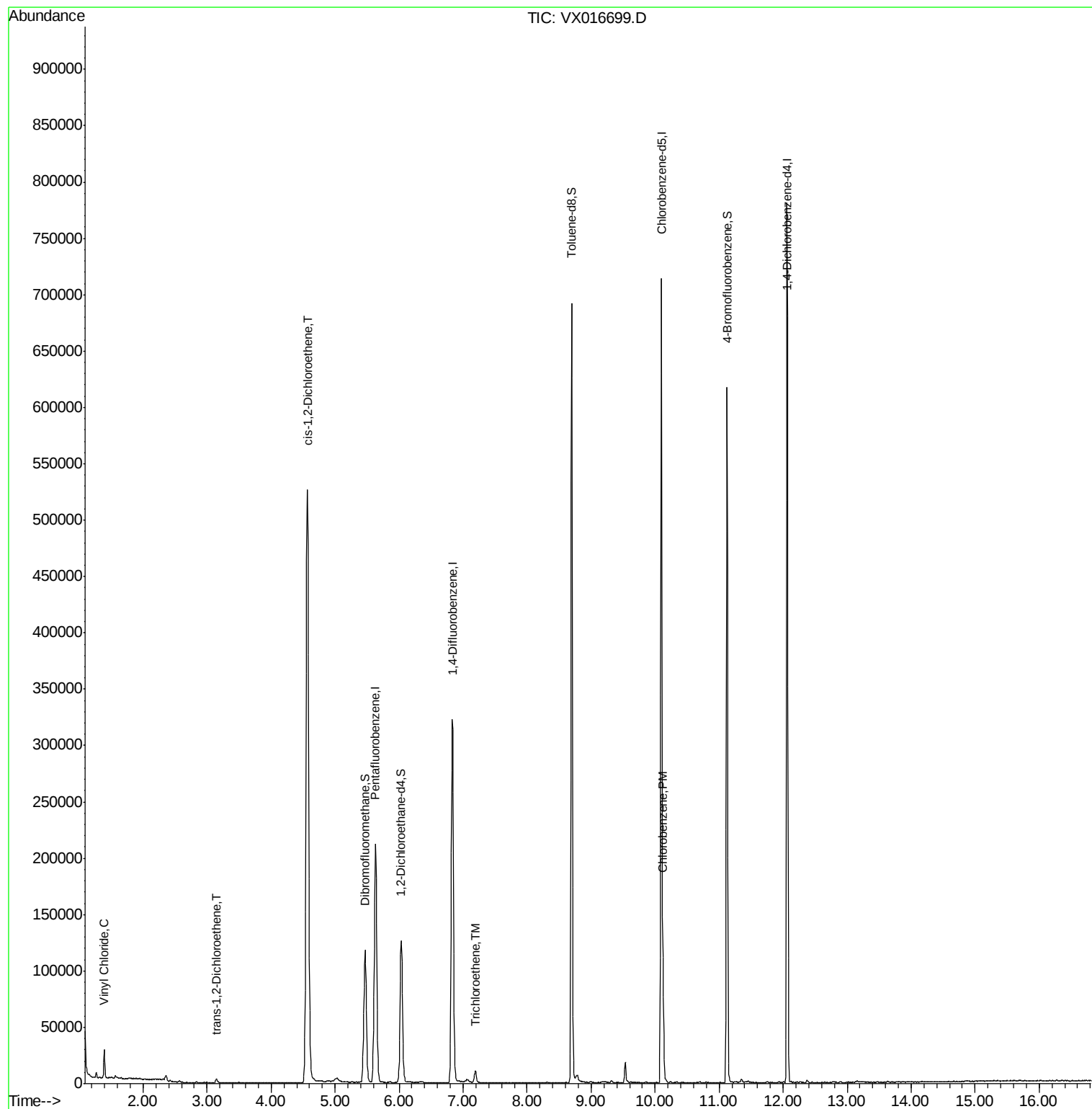
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	207458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	330564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	124698	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	5.47	113	101954	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	8.70	98	407918	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.12	95	163085	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
Target Compounds						
4) Vinyl Chloride	1.39	62	14611	5.600	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	1535	0.695	ug/l #	75
27) cis-1,2-Dichloroethene	4.57	96	358778	140.456	ug/l	87
44) Trichloroethene	7.19	130	4214	1.425	ug/l	74
65) Chlorobenzene	10.12	112	41778	6.039	ug/l	94

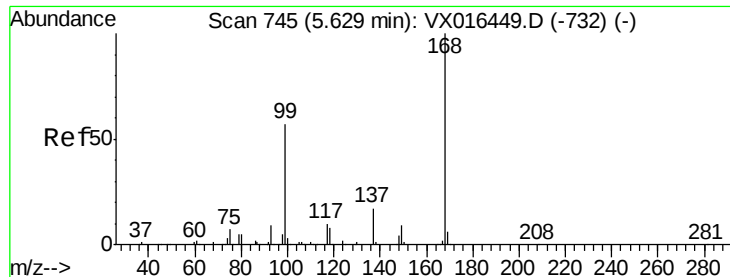
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061120\
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Quant Time: Jun 12 07:17:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016699.D

Acq: 11 Jun 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

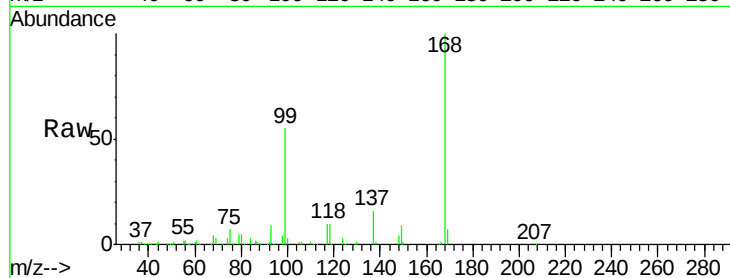
LF014RW041-200610

Tot Ion:168 Resp: 207458

Ion Ratio Lower Upper

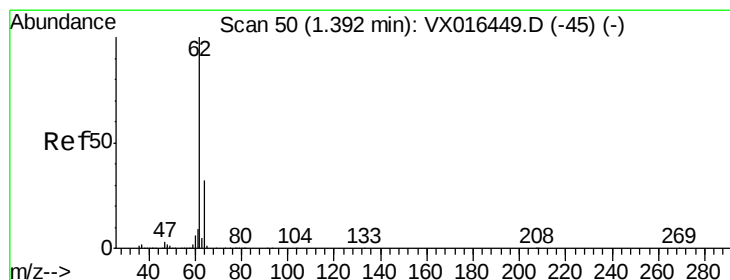
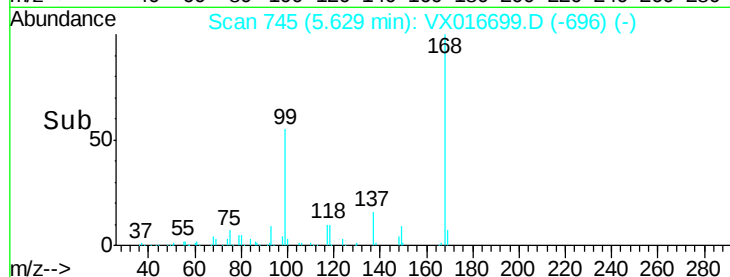
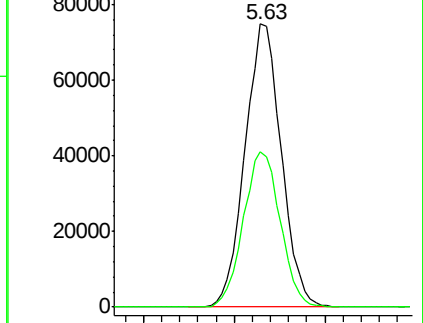
168 100

99 55.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 5.600 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016699.D

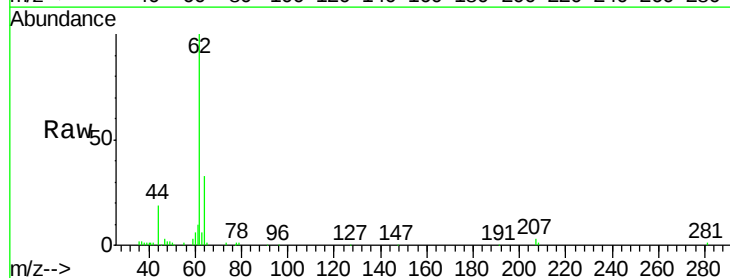
Acq: 11 Jun 2020 13:18

Tgt Ion: 62 Resp: 14611

Ion Ratio Lower Upper

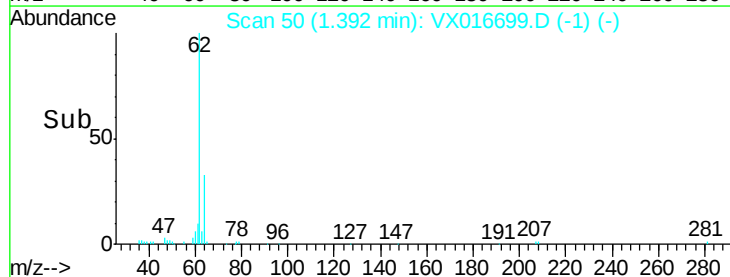
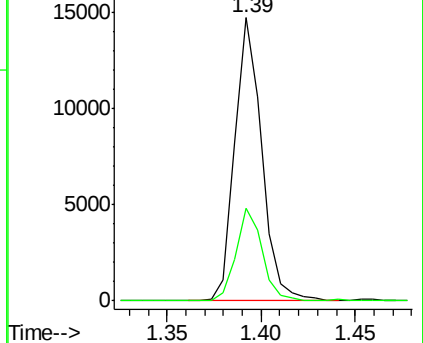
62 100

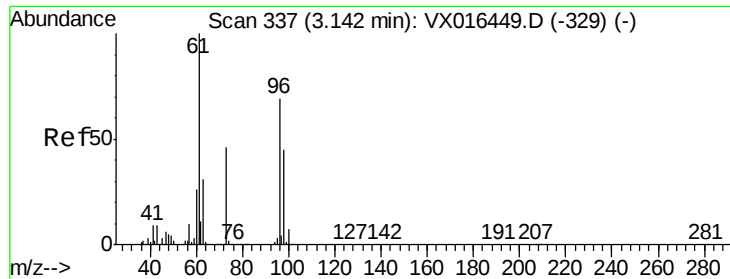
64 32.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.695 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016699.D

Acq: 11 Jun 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LF014RW041-200610

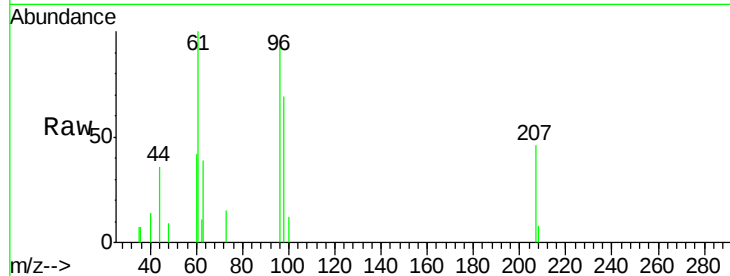
Tot Ion: 96 Resp: 1535

Ion Ratio Lower Upper

96 100

61 104.6 115.3 172.9#

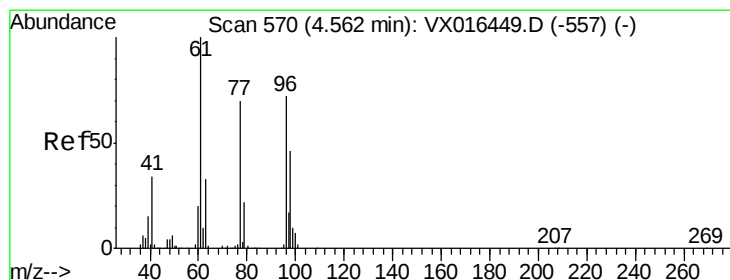
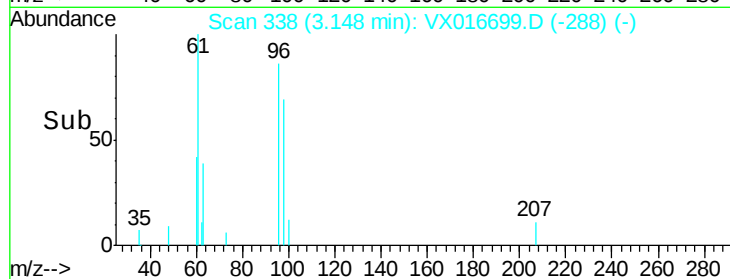
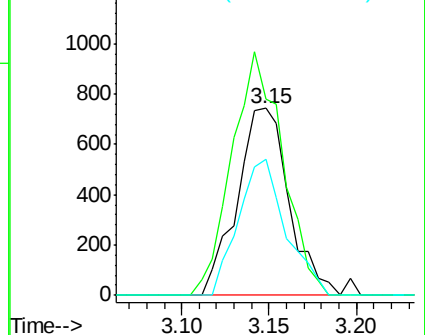
98 72.4 51.9 77.9



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: 140.456 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016699.D

Acq: 11 Jun 2020 13:18

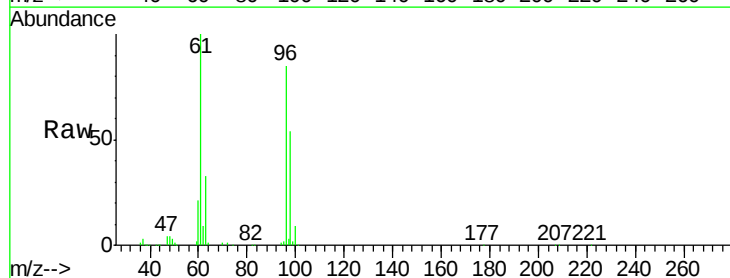
Tgt Ion: 96 Resp: 358778

Ion Ratio Lower Upper

96 100

61 120.4 0.0 284.6

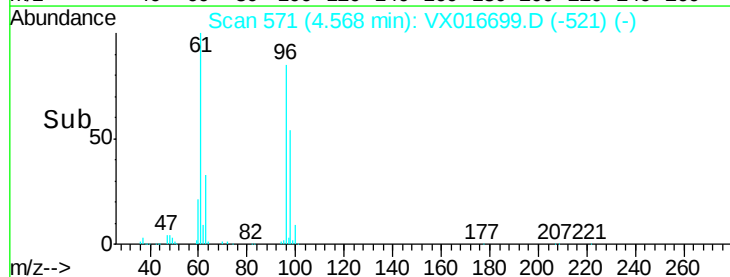
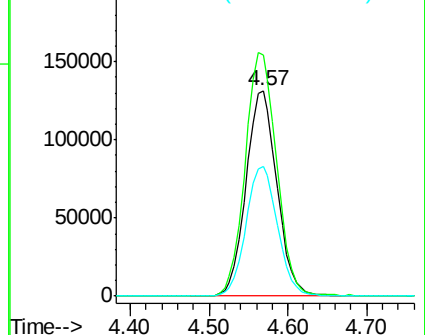
98 64.5 0.0 127.2

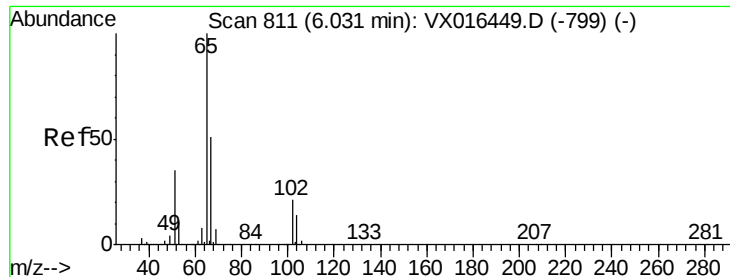


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.401 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016699.D

Acq: 11 Jun 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

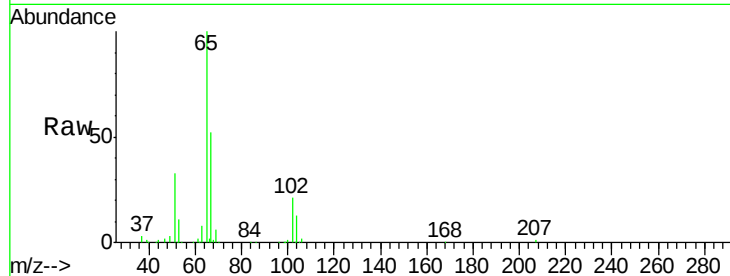
LF014RW041-200610

Tot Ion: 65 Resp: 124698

Ion Ratio Lower Upper

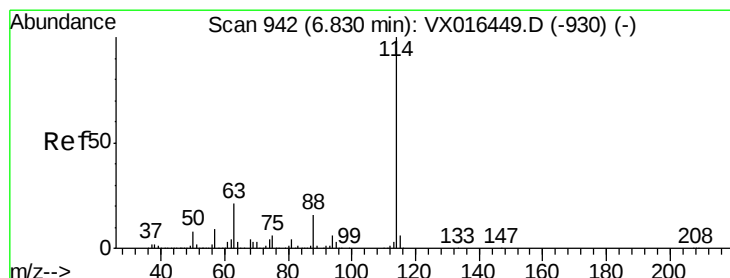
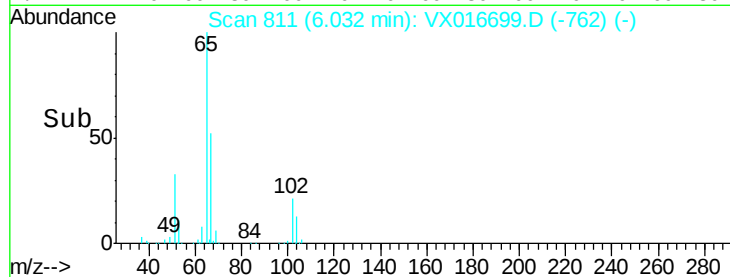
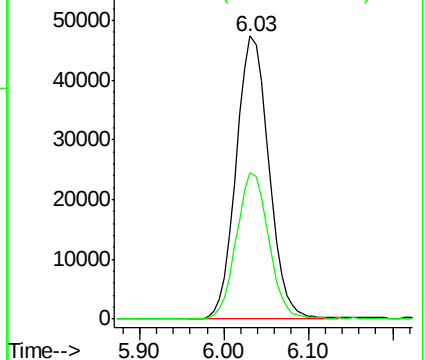
65 100

67 51.2 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016699.D

Acq: 11 Jun 2020 13:18

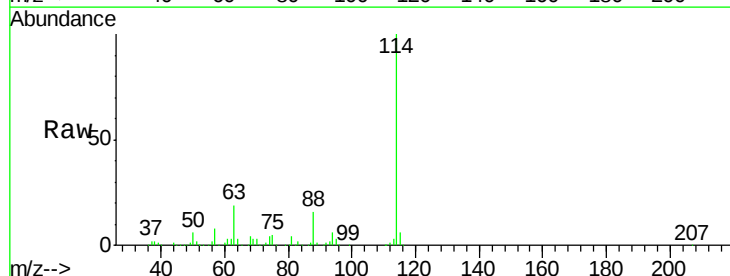
Tgt Ion: 114 Resp: 330564

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

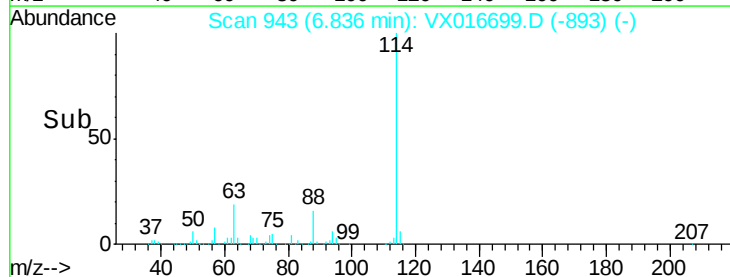
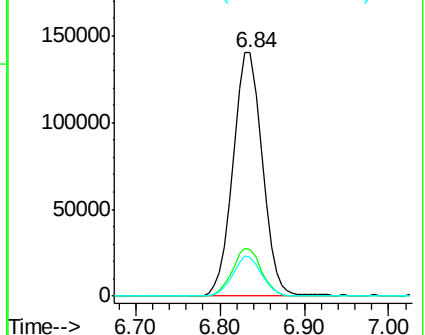
88 15.7 0.0 32.8

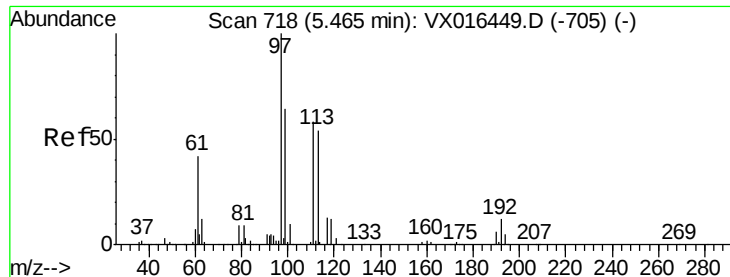


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

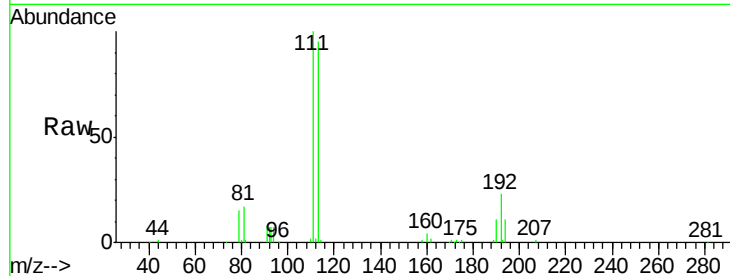




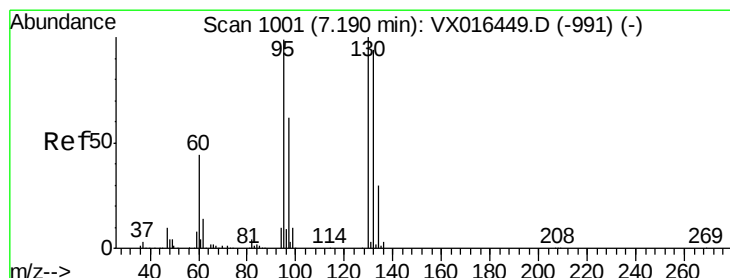
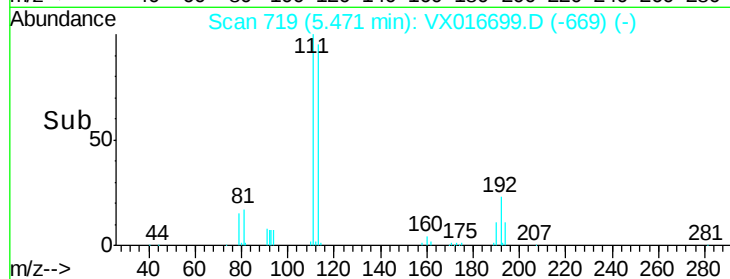
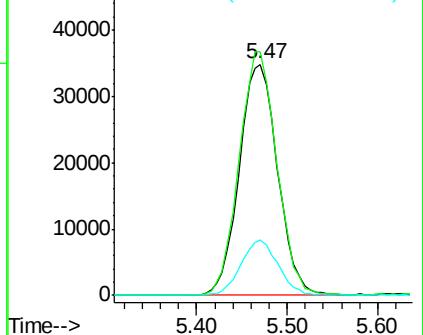
#35
Dibromofluoromethane
Concen: 50.090 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016699.D
Acq: 11 Jun 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LF014RW041-200610

Tot Ion:113 Resp: 101954
Ion Ratio Lower Upper
113 100
111 104.0 83.0 124.6
192 23.2 17.7 26.5

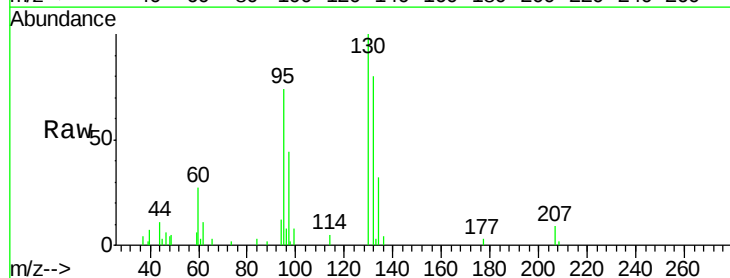


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

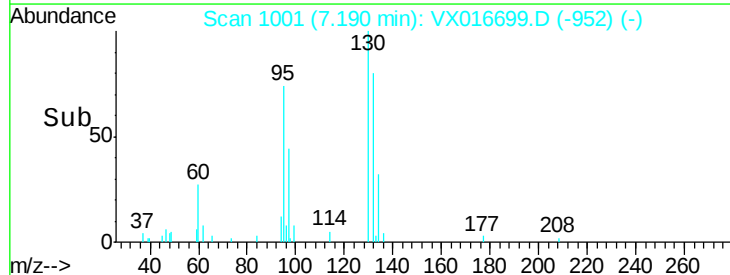
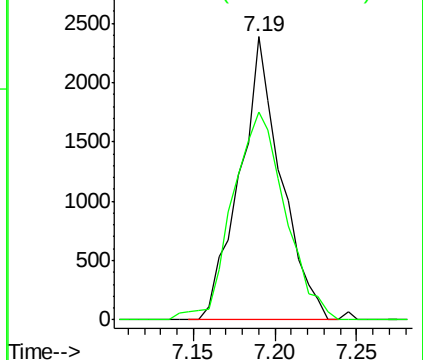


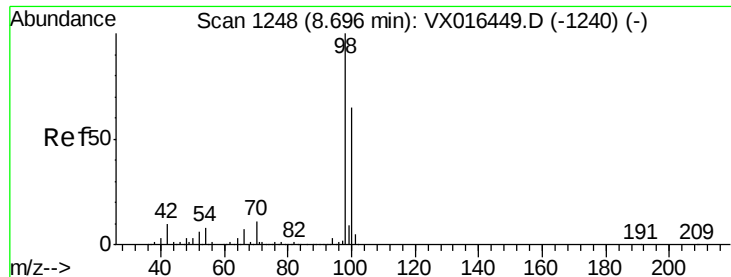
#44
Trichloroethene
Concen: 1.425 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016699.D
Acq: 11 Jun 2020 13:18

Tgt Ion:130 Resp: 4214
Ion Ratio Lower Upper
130 100
95 73.6 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: 51.490 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016699.D

Acq: 11 Jun 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

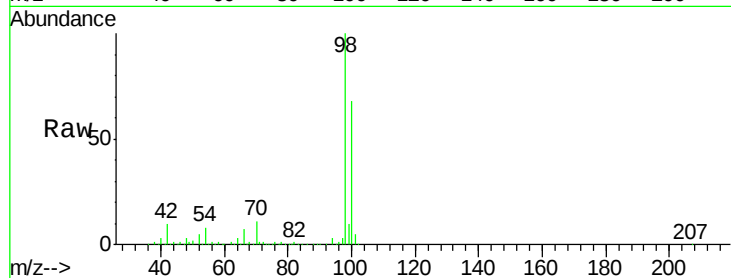
LF014RW041-200610

Tot Ion: 98 Resp: 407918

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

8.70

250000

200000

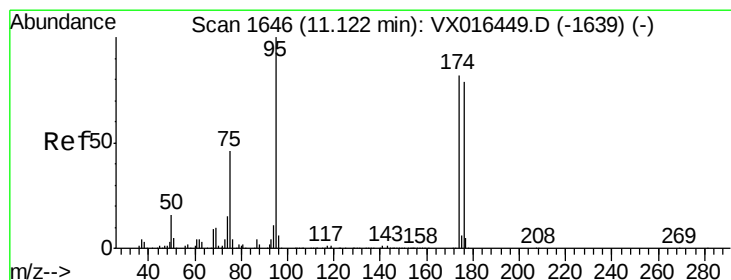
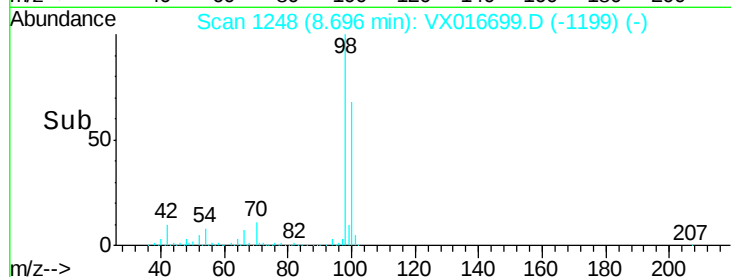
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75



#62

4-Bromofluorobenzene

Concen: 53.275 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016699.D

Acq: 11 Jun 2020 13:18

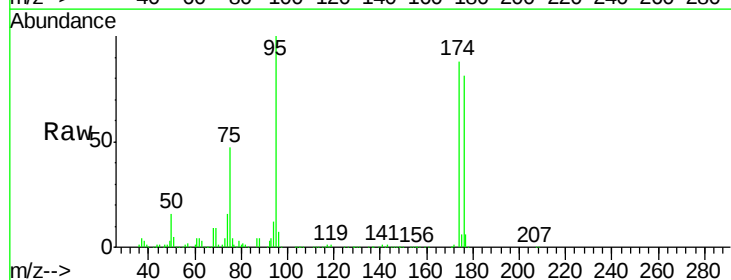
Tgt Ion: 95 Resp: 163085

Ion Ratio Lower Upper

95 100

174 87.0 0.0 163.0

176 82.1 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

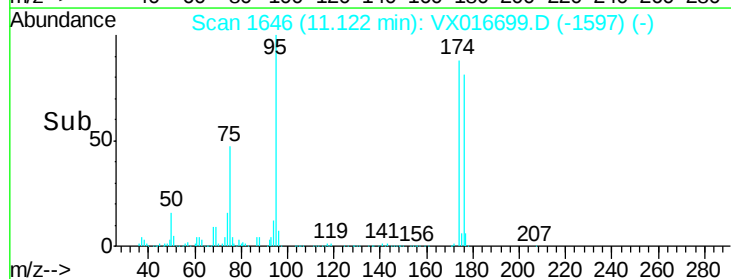
150000

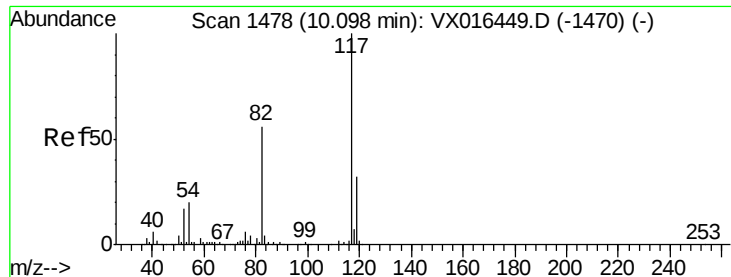
100000

50000

0

Time--> 11.05 11.10 11.15 11.20

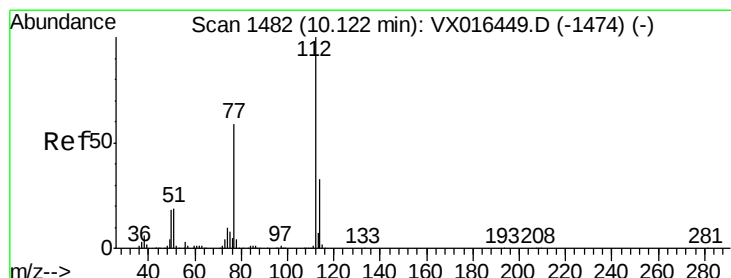
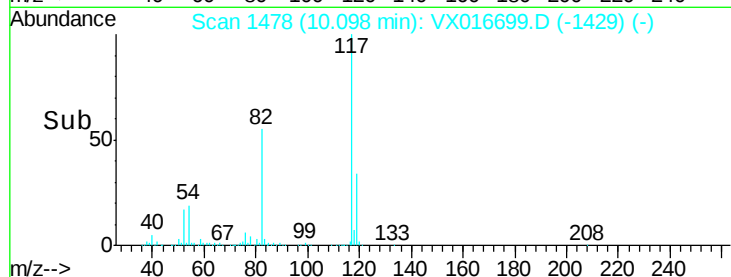
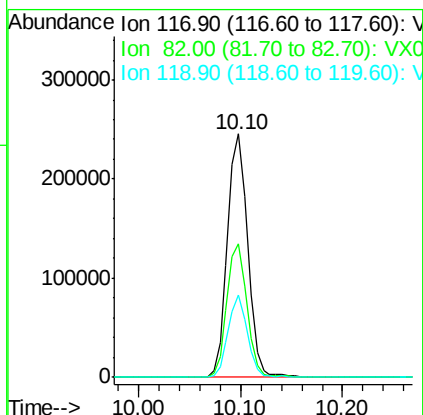
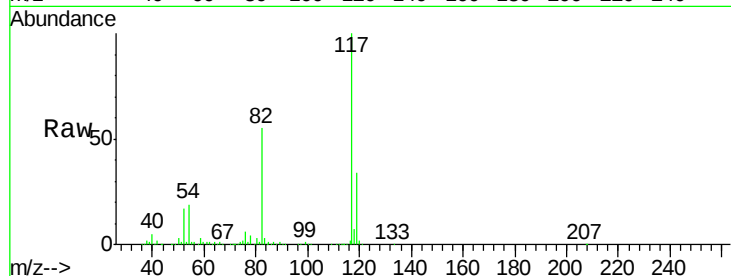




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016699.D
Acq: 11 Jun 2020 13:18

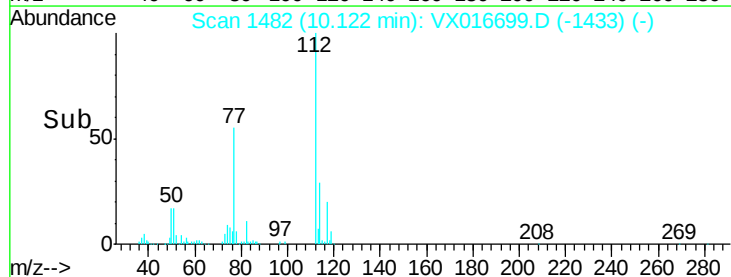
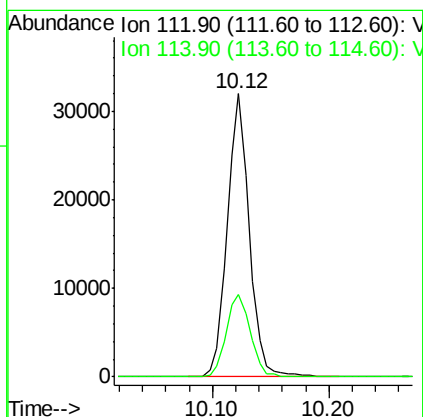
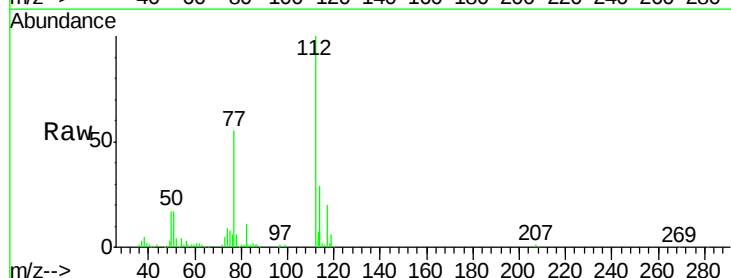
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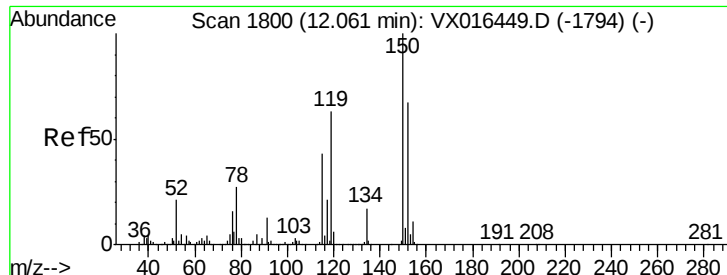
Tot Ion:117 Resp: 339330
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 33.7 25.8 38.8



#65
Chlorobenzene
Concen: 6.039 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016699.D
Acq: 11 Jun 2020 13:18

Tgt Ion:112 Resp: 41778
Ion Ratio Lower Upper
112 100
114 29.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016699.D

Acq: 11 Jun 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LF014RW041-200610

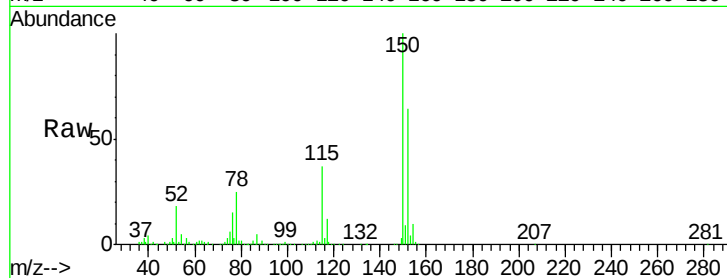
Tot Ion:152 Resp: 172242

Ion Ratio Lower Upper

152 100

115 57.1 39.9 119.6

150 152.5 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

