

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 06:55:13 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

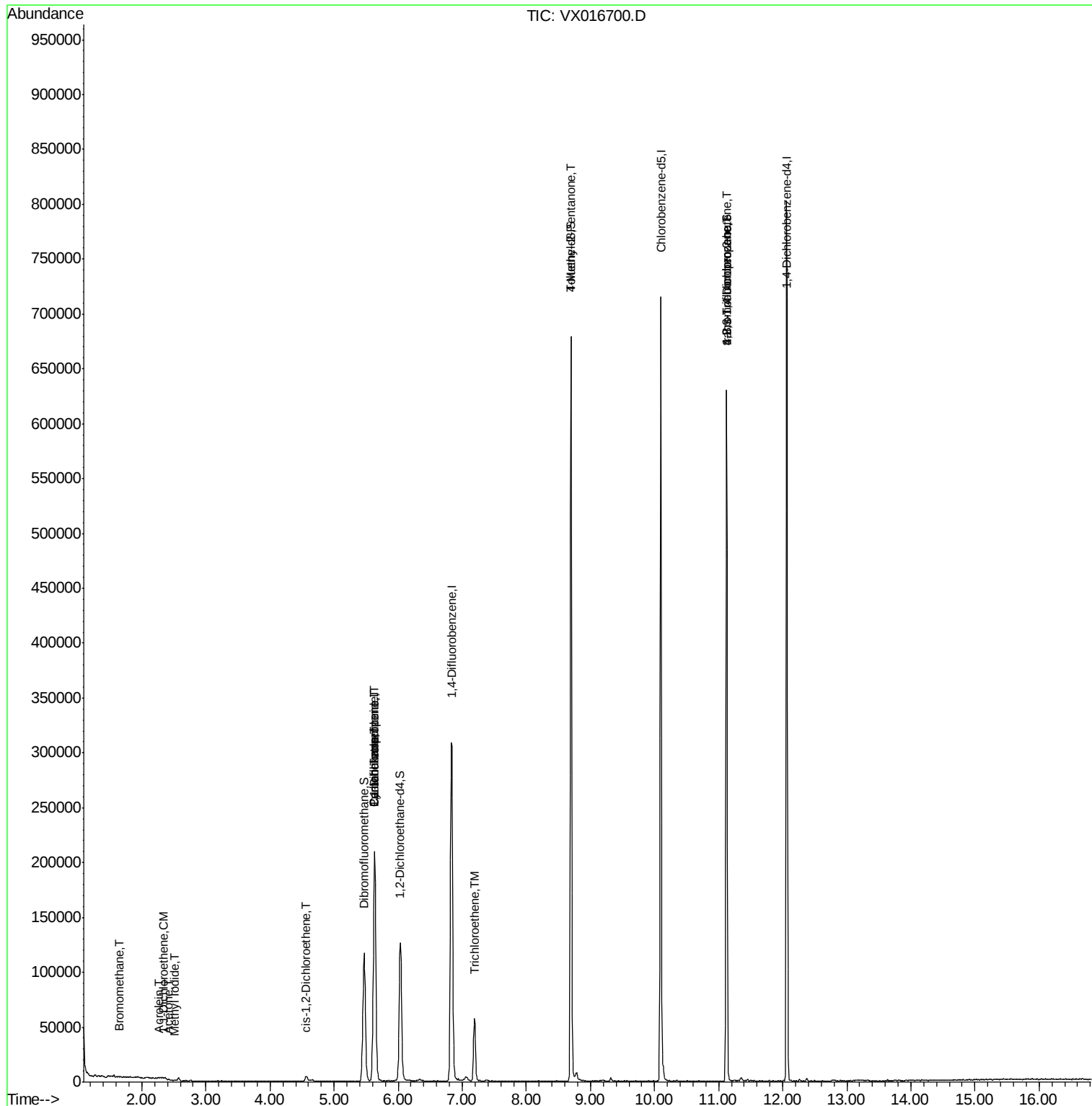
						Qvalue
5) Bromomethane	1.65	94	265	0.209	ug/l #	75
10) Methyl Iodide	2.51	142	137	3.112	ug/l #	79
12) 1,1-Dichloroethene	2.34	96	400	0.201	ug/l #	7
13) Acrolein	2.26	56	330	1.176	ug/l #	51
16) Acetone	2.42	43	1109	0.984	ug/l #	87
27) cis-1,2-Dichloroethene	4.57	96	3312	1.298	ug/l	78
31) Cyclohexane	5.64	56	3557	0.995	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	14129	4.550	ug/l #	51
38) Carbon Tetrachloride	5.63	117	19474	5.967	ug/l #	19
44) Trichloroethene	7.19	130	22335	7.612	ug/l	99
51) 4-Methyl-2-Pentanone	8.70	43	1743	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	79848	20.928	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	79848	51.481	ug/l #	14

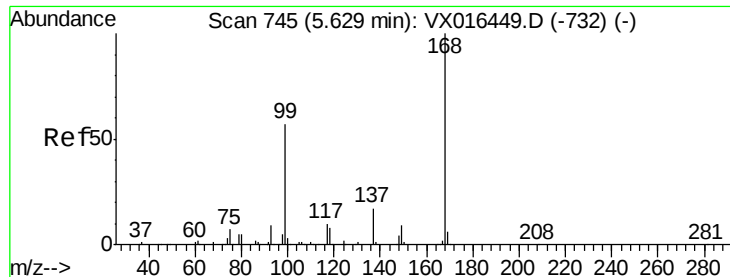
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 06:55:13 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





#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

Instrument :

MSVOA_X

ClientSampleId :

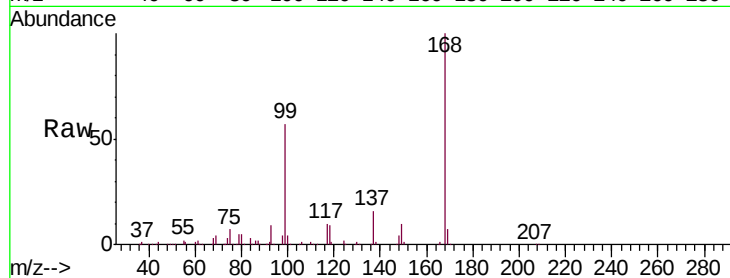
LF014RW040-200610

Tgt 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

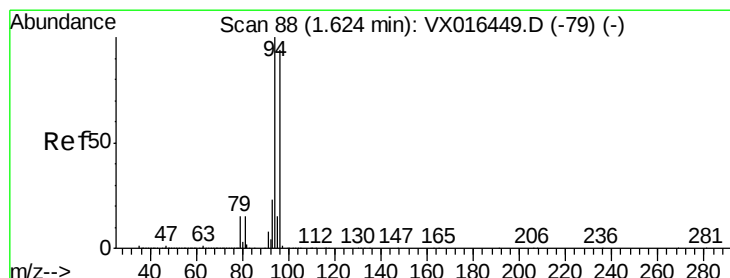
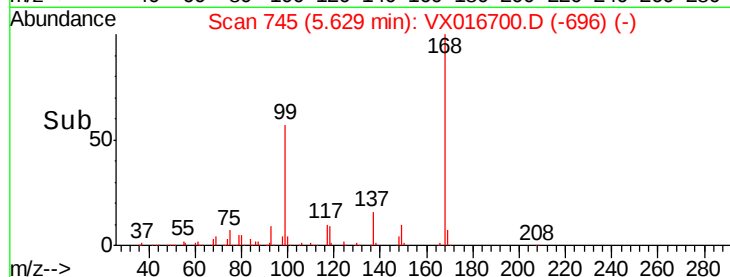
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.209 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX016700.D

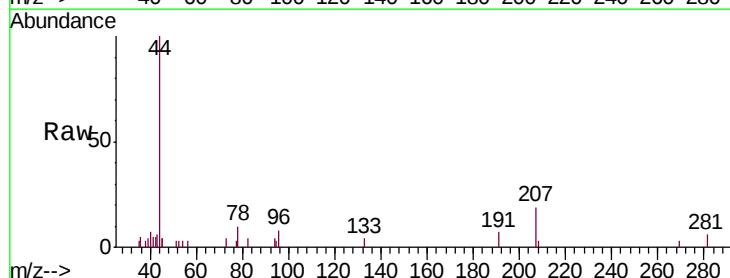
Acq: 11 Jun 2020 13:41

Tgt Ion: 94 Resp: 265

Ion Ratio Lower Upper

94 100

96 117.9 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

200

150

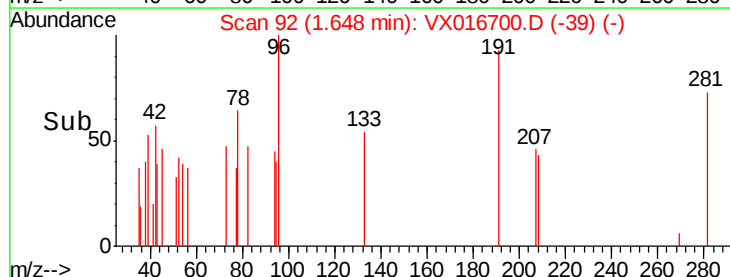
100

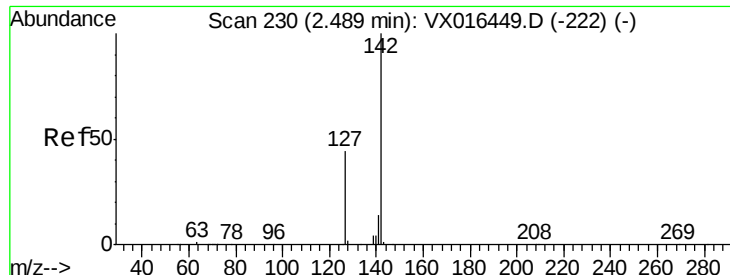
50

0

1.60 1.65

Time-->

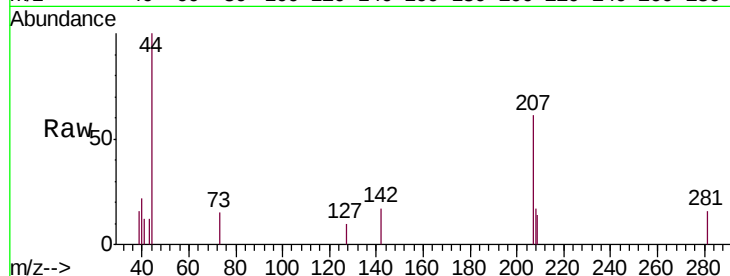




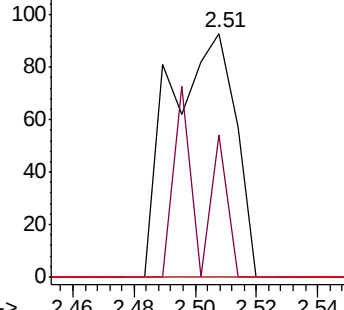
#10
Methyl Iodide
Concen: 3.112 ug/l
RT: 2.51 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
LF014RW040-200610

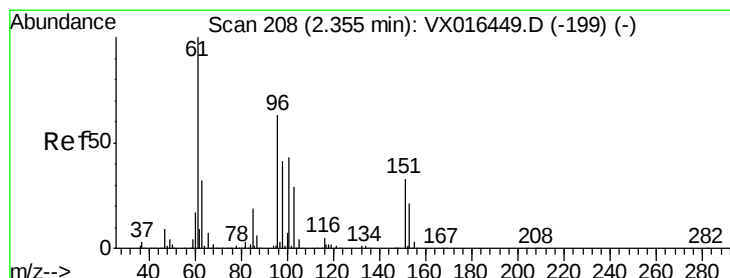
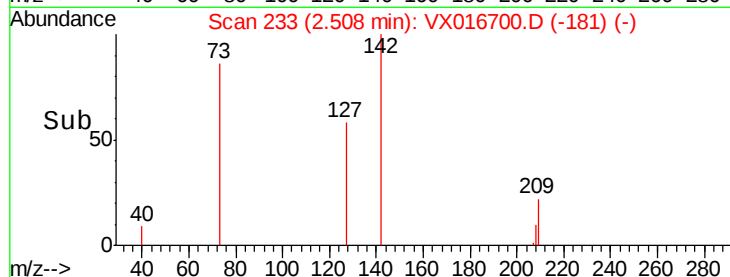
Tgt Ion: 142 Resp: 137
Ion Ratio Lower Upper
142 100
127 33.6 35.3 52.9#
141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

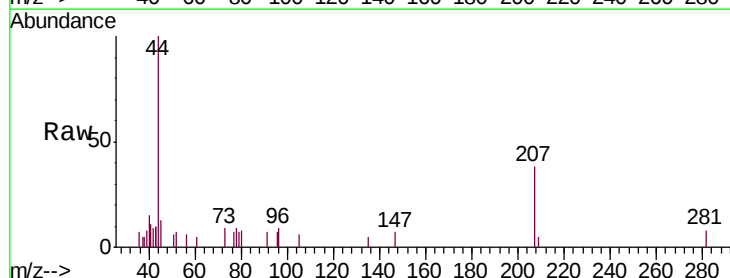


Time-->

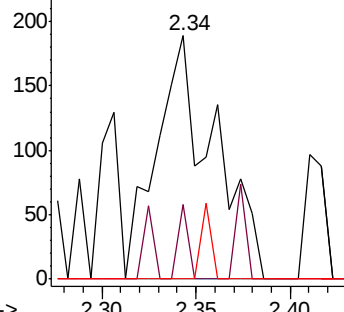


#12
1,1-Dichloroethene
Concen: 0.201 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.01 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

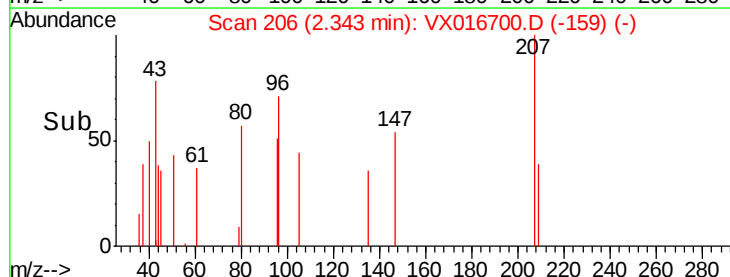
Tgt Ion: 96 Resp: 400
Ion Ratio Lower Upper
96 100
61 30.7 126.6 189.8#
98 0.0 51.3 76.9#

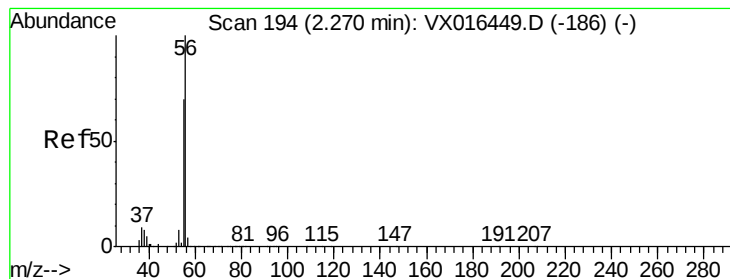


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



Time-->





#13

Acrolein

Concen: 1.176 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX016700.D

Acq: 11 Jun 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

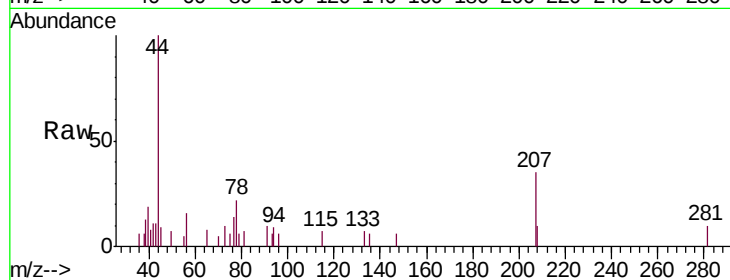
LF014RW040-200610

Tgt Ion: 56 Resp: 330

Ion Ratio Lower Upper

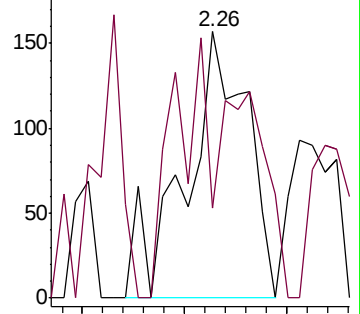
56 100

55 31.8 58.3 87.5#

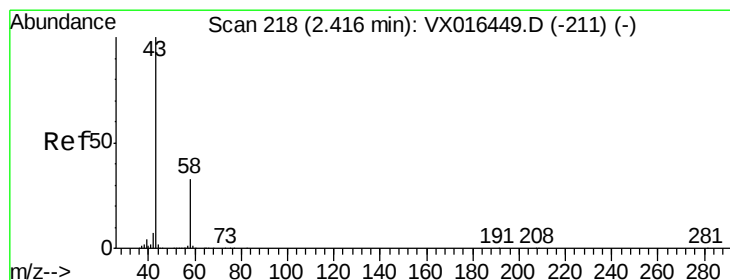
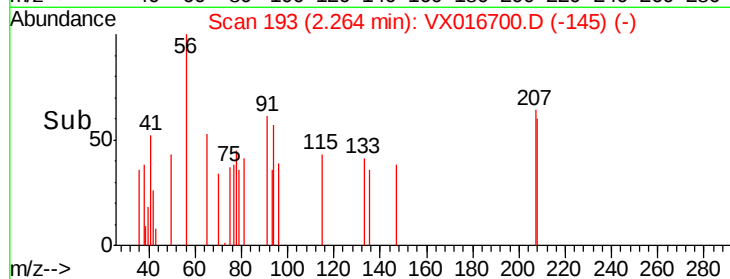


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.984 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016700.D

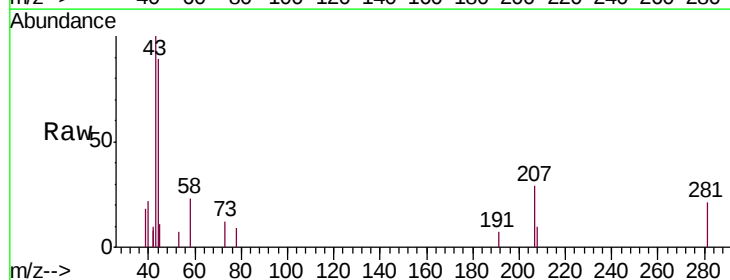
Acq: 11 Jun 2020 13:41

Tgt Ion: 43 Resp: 1109

Ion Ratio Lower Upper

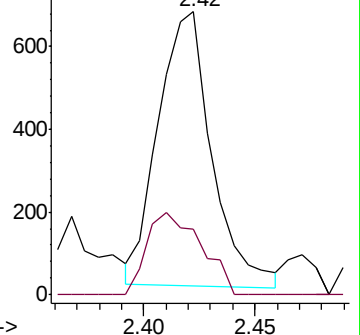
43 100

58 25.3 26.1 39.1#

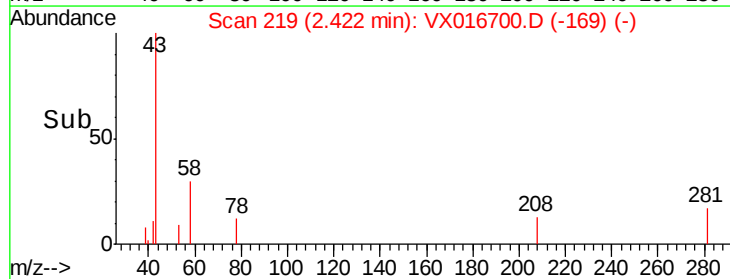


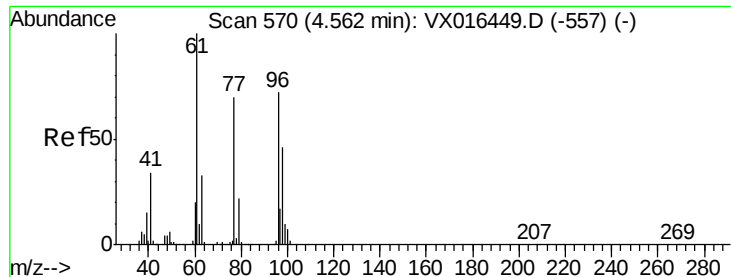
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



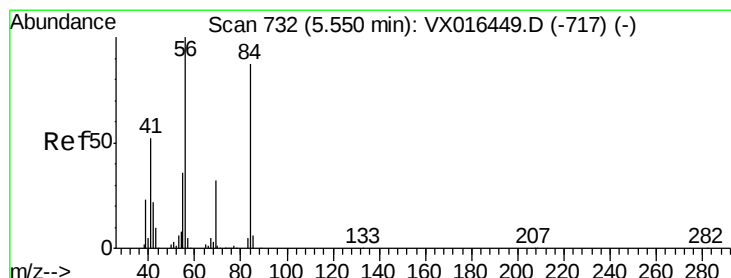
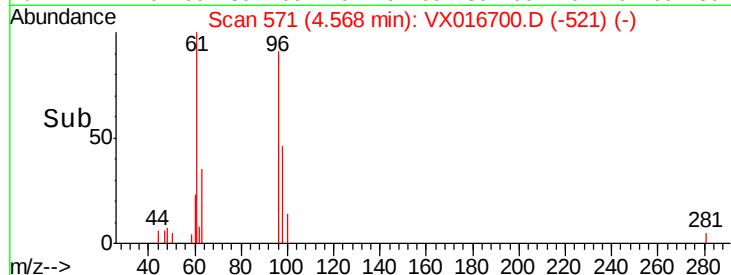
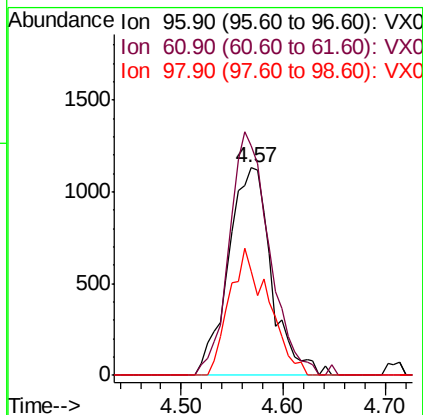
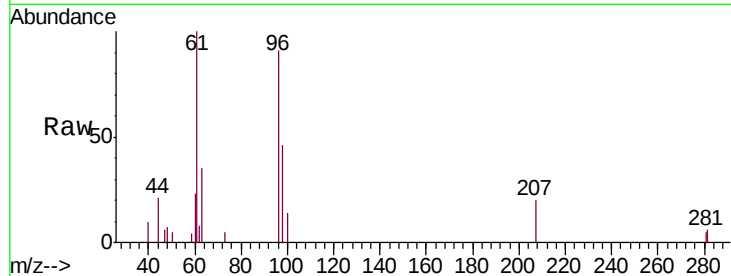


#27

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

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW040-200610

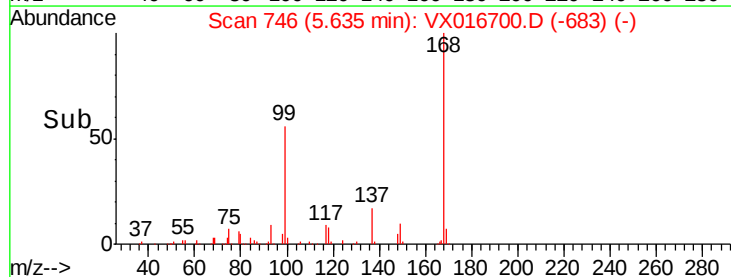
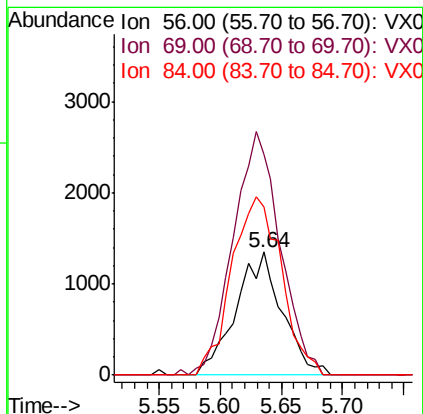
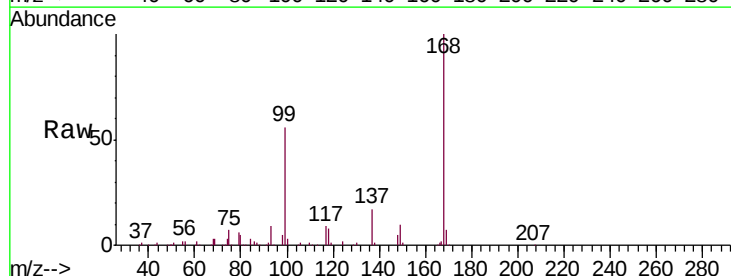
Tgt Ion: 96 Resp: 3312
 Ion Ratio Lower Upper
 96 100
 61 108.9 0.0 284.6
 98 55.9 0.0 127.2

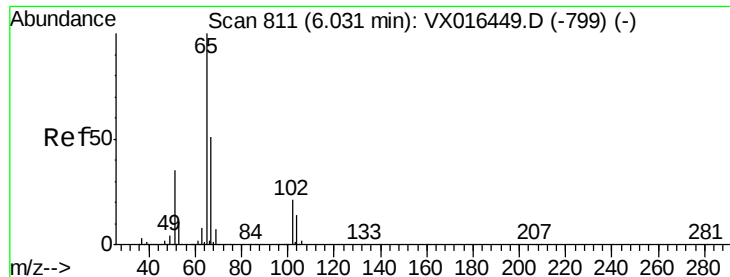


#31

Cyclohexane
 Concen: 0.995 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.09 min
 Lab File: VX016700.D
 Acq: 11 Jun 2020 13:41

Tgt Ion: 56 Resp: 3557
 Ion Ratio Lower Upper
 56 100
 69 179.4 25.7 38.5#
 84 136.9 70.0 105.0#





#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 :

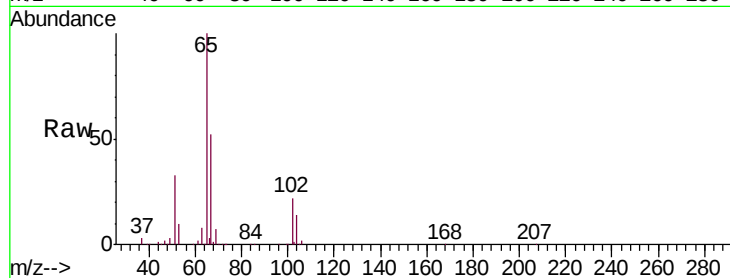
LF014RW040-200610

Tgt Ion: 65 Resp: 123930

Ion Ratio Lower Upper

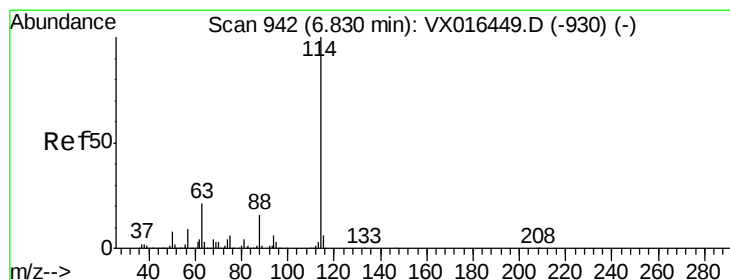
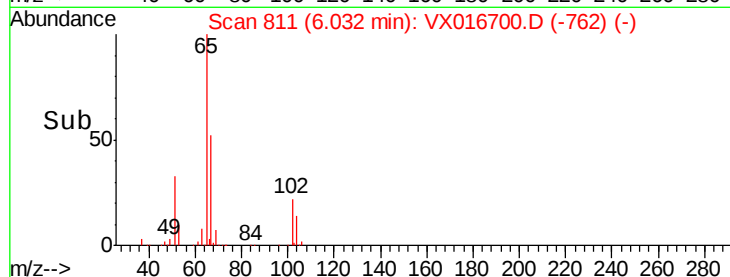
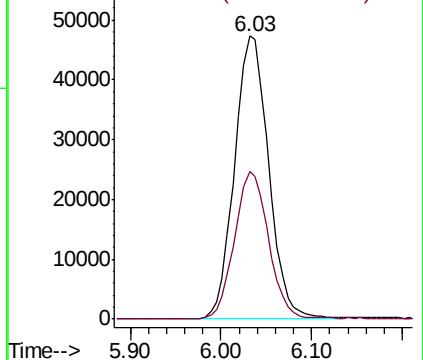
65 100

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

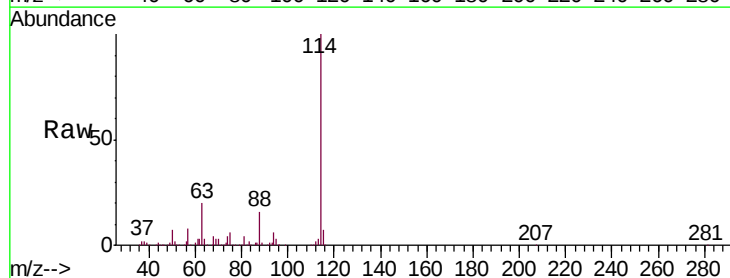
Tgt Ion: 114 Resp: 327994

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

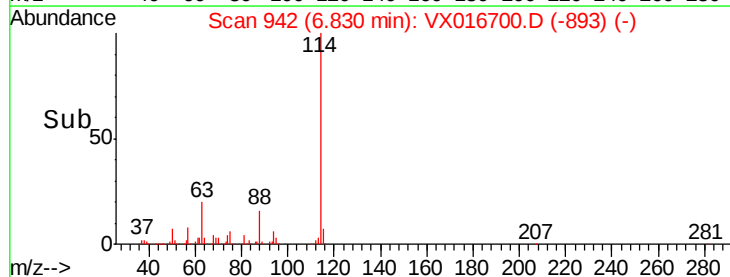
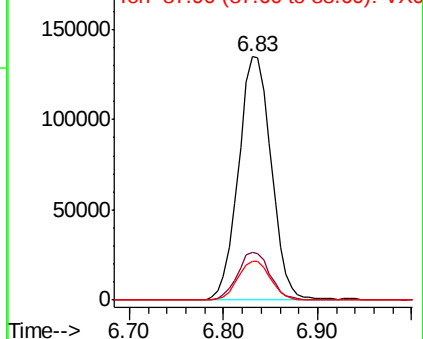
88 16.1 0.0 32.8

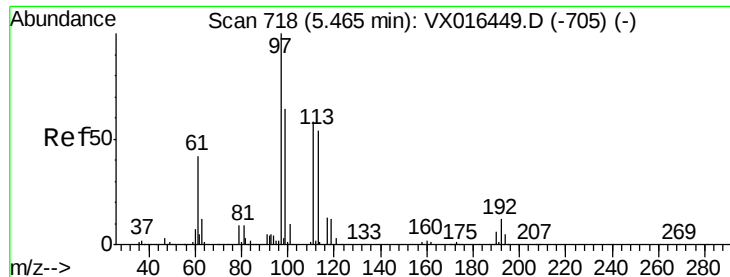


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

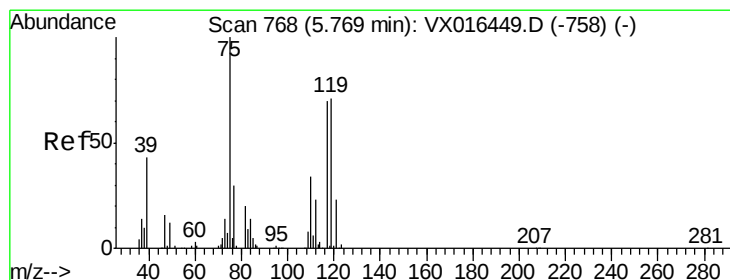
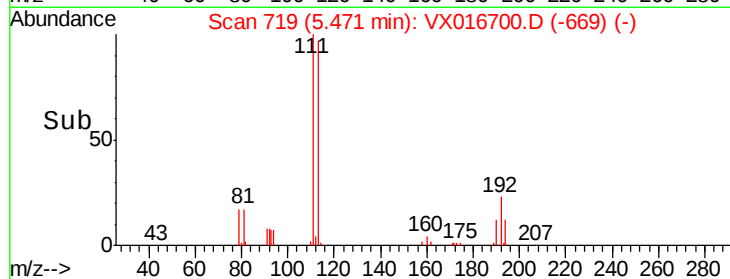
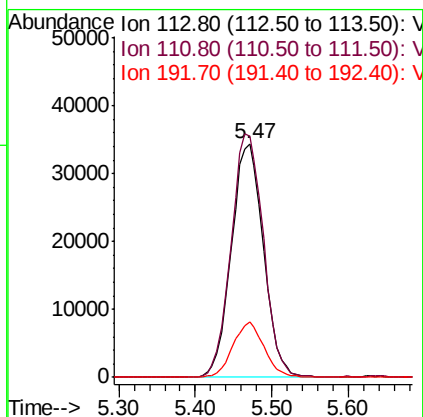
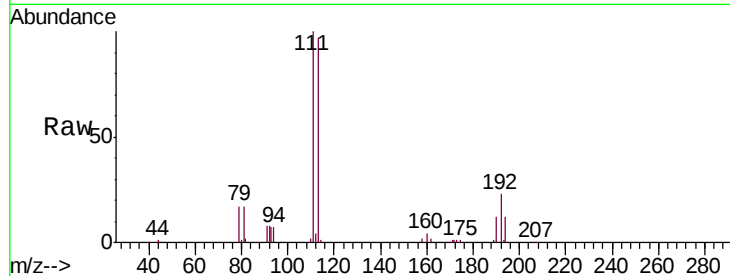




#35
 Dibromofluoromethane
 Concen: 49.655 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016700.D
 Acq: 11 Jun 2020 13:41

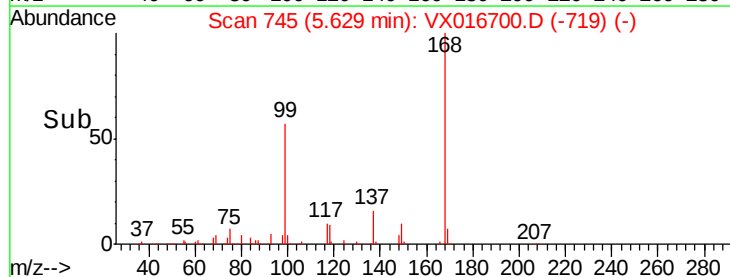
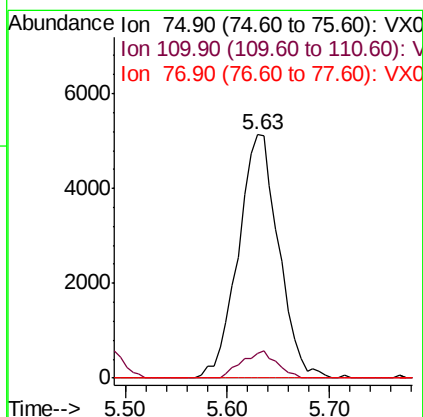
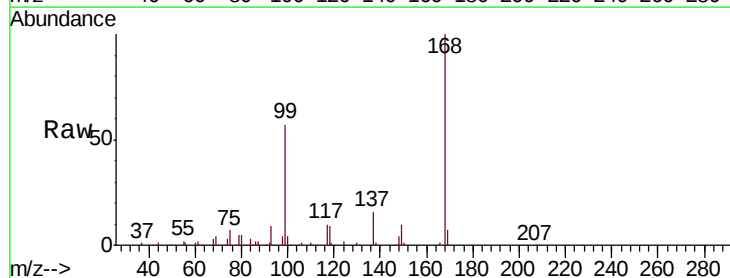
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW040-200610

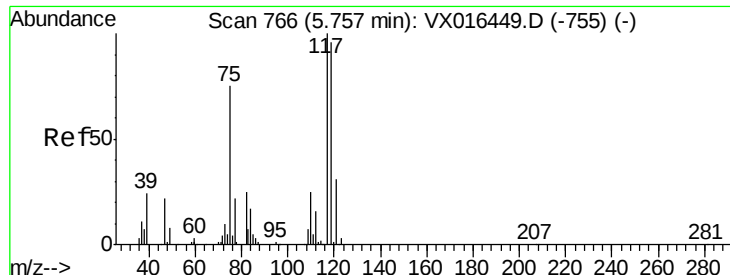
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.0	124.6
192	22.9	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 4.550 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016700.D
 Acq: 11 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.4	52.3#
77	0.0	24.2	36.4#

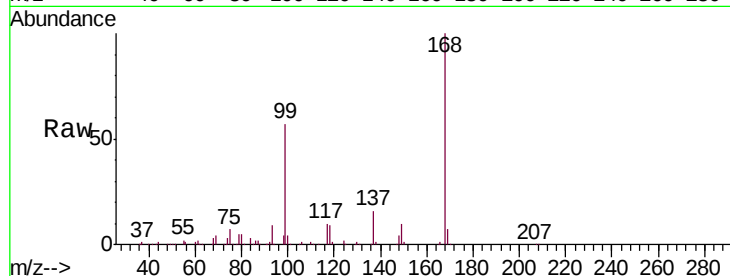




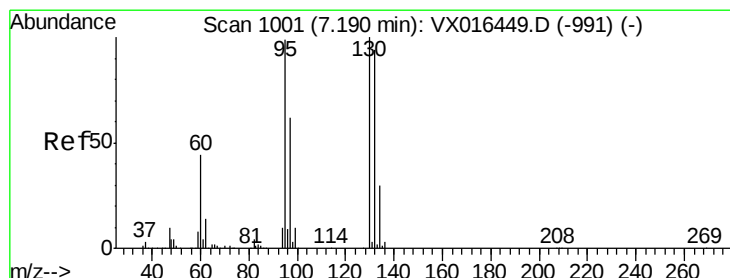
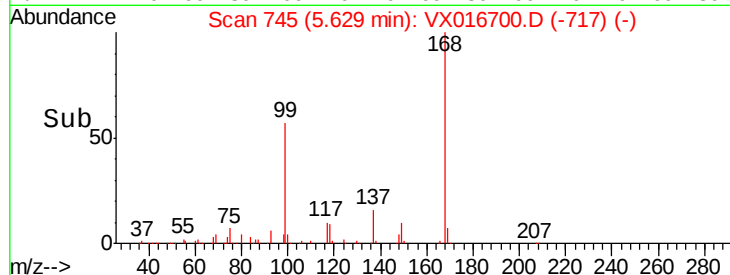
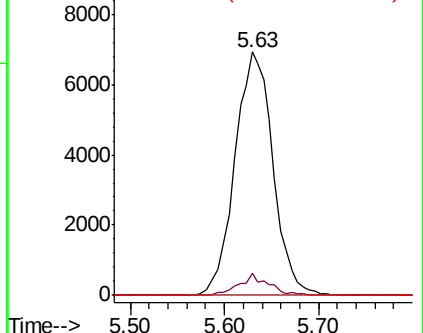
#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
LF014RW040-200610

Tgt Ion:117 Resp: 19474
Ion Ratio Lower Upper
117 100
119 9.0 76.3 114.5#
121 0.0 24.6 37.0#

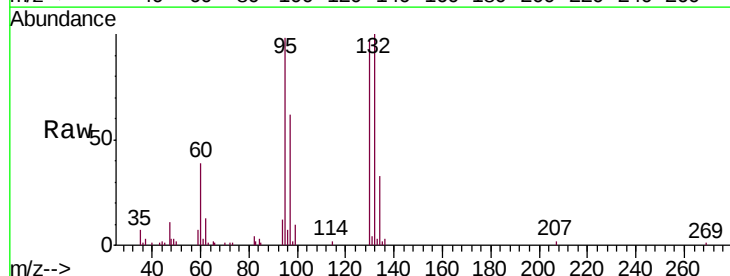


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

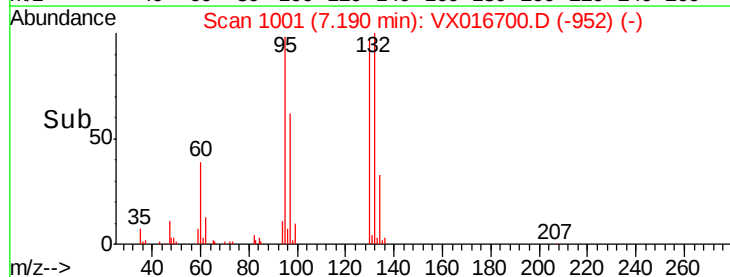
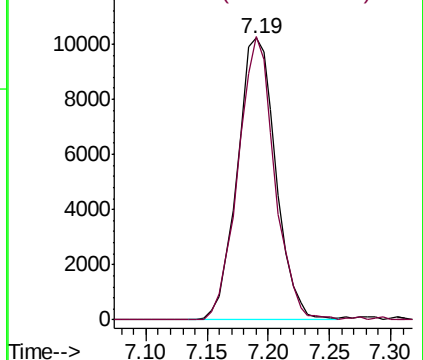


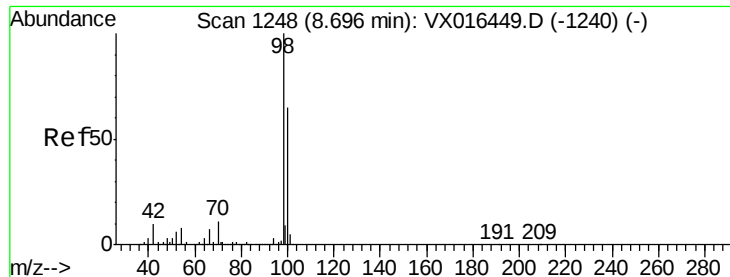
#44
Trichloroethene
Concen: 7.612 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

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 :

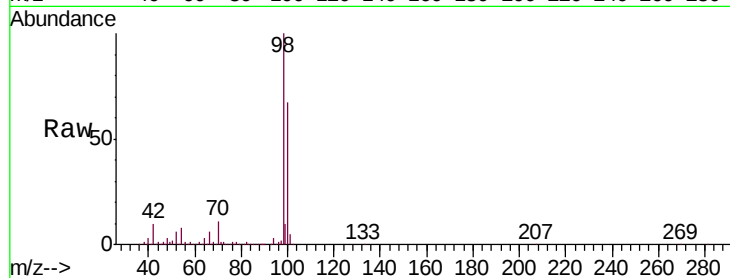
LF014RW040-200610

Tgt 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

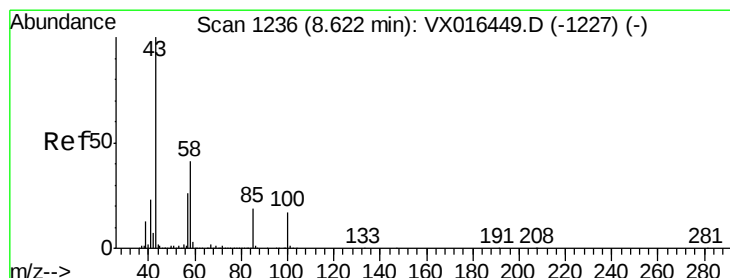
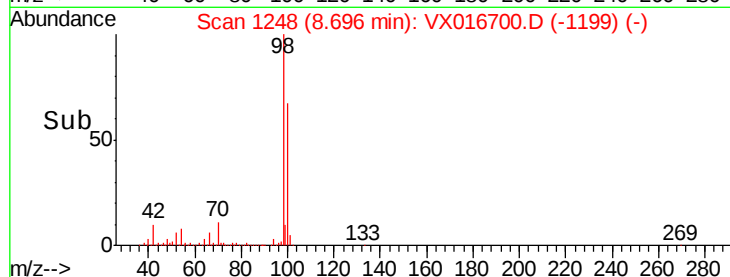
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75



#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.07 min

Lab File: VX016700.D

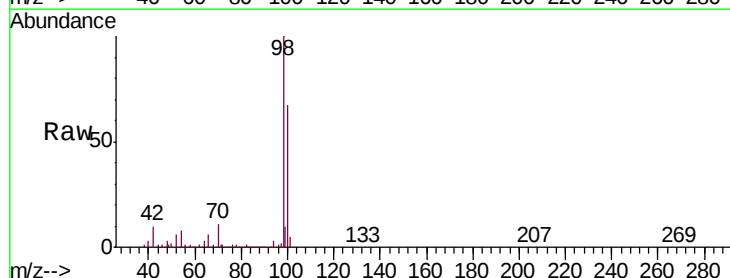
Acq: 11 Jun 2020 13:41

Tgt Ion: 43 Resp: 1743

Ion Ratio Lower Upper

43 100

58 183.6 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

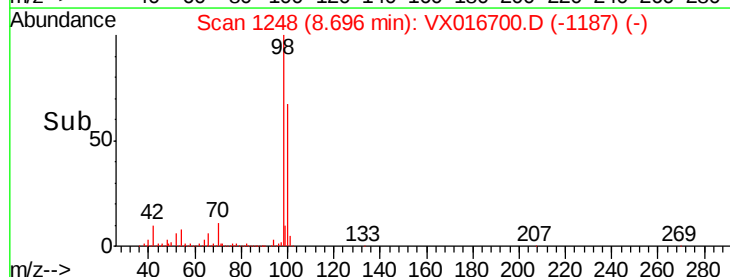
1500

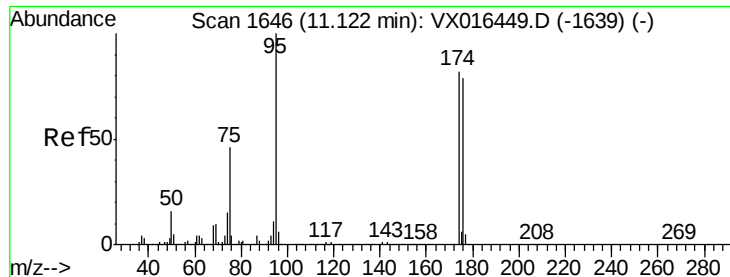
1000

500

0

Time--> 8.65 8.70 8.75





#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

Instrument :

MSVOA_X

ClientSampleId :

LF014RW040-200610

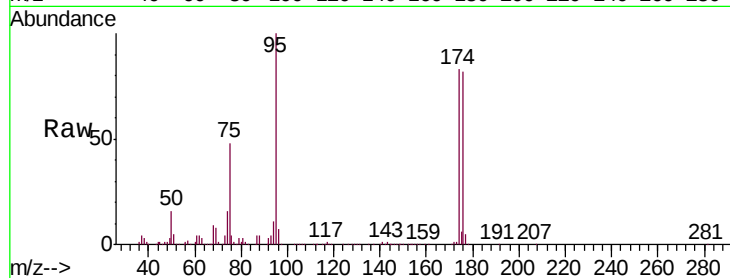
Tgt Ion: 95 Resp: 164627

Ion Ratio Lower Upper

95 100

174 85.8 0.0 163.0

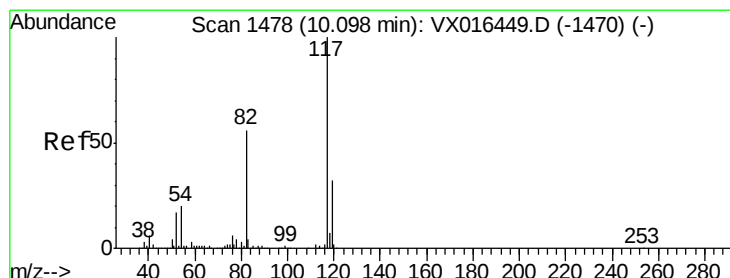
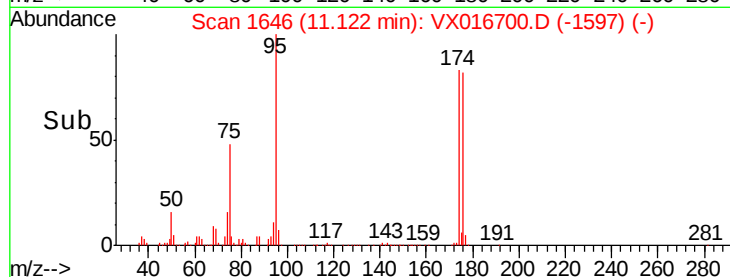
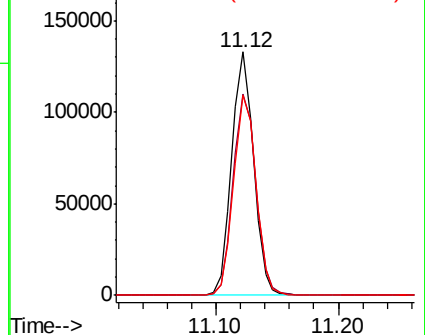
176 84.0 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016700.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016700.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016700.D (-1597) (-)



#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

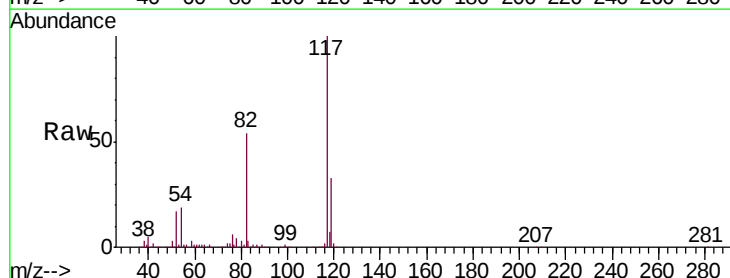
Tgt Ion: 117 Resp: 337926

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.6

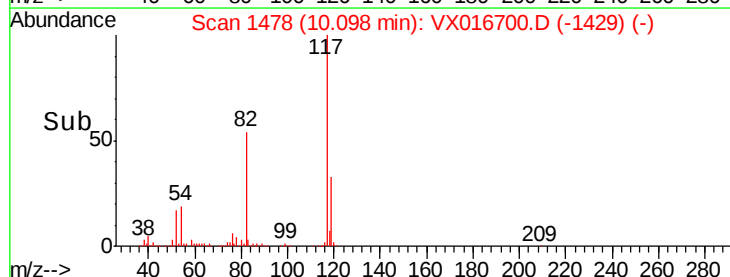
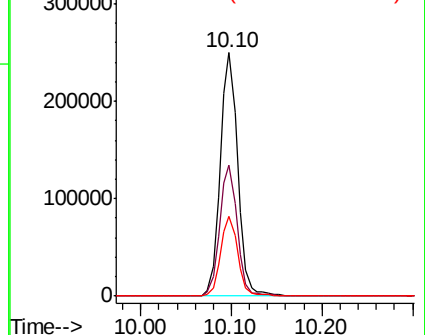
119 32.7 25.8 38.8

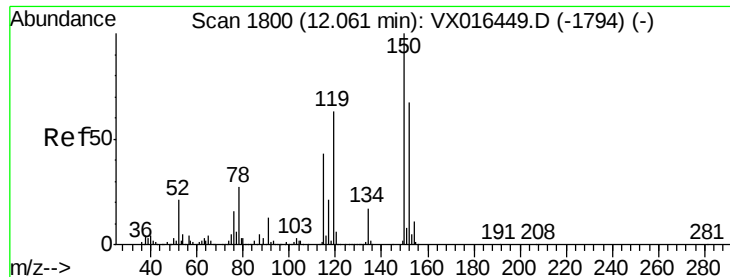


Abundance Ion 116.90 (116.60 to 117.60): VX016700.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016700.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016700.D (-1429) (-)





#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

Instrument :

MSVOA_X

ClientSampleId :

LF014RW040-200610

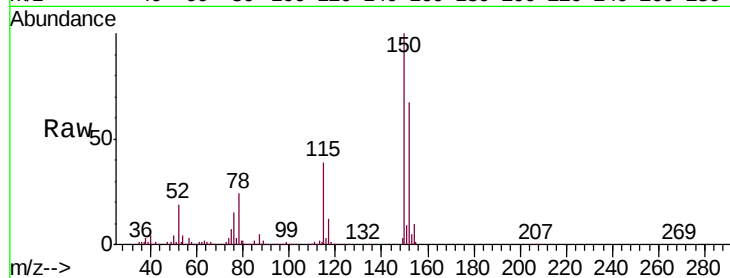
Tgt Ion:152 Resp: 173576

Ion Ratio Lower Upper

152 100

115 58.2 39.9 119.6

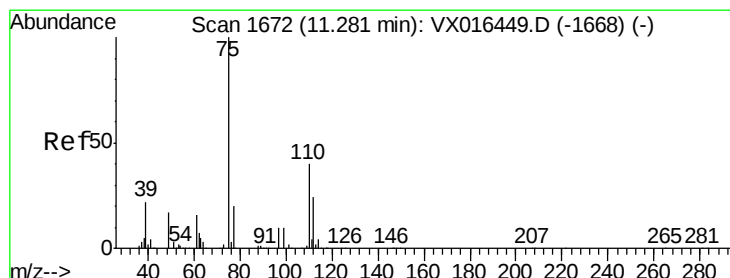
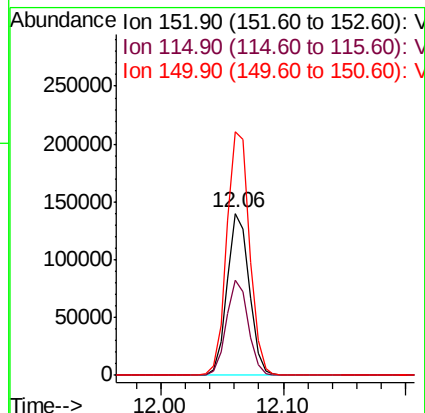
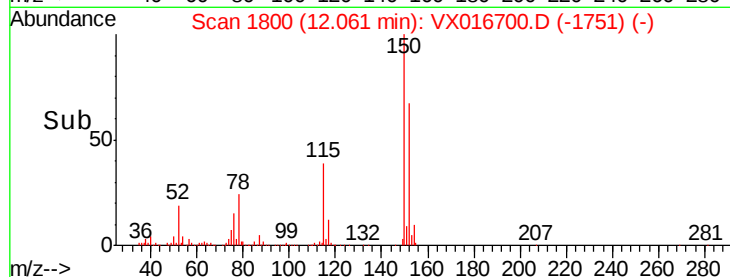
150 155.1 0.0 341.0



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



#76

1,2,3-Trichloropropane

Concen: 20.928 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016700.D

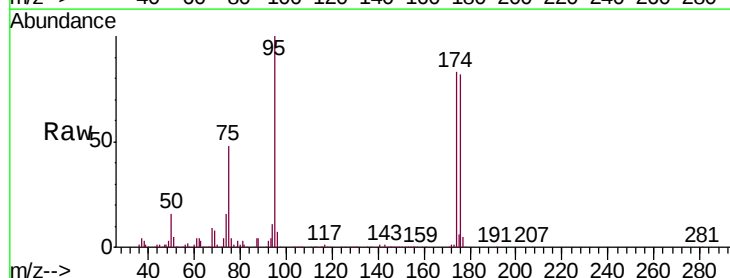
Acq: 11 Jun 2020 13:41

Tgt Ion: 75 Resp: 79848

Ion Ratio Lower Upper

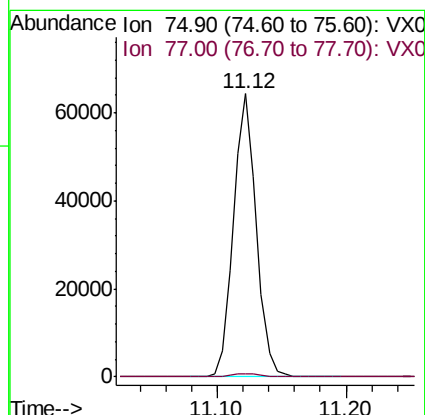
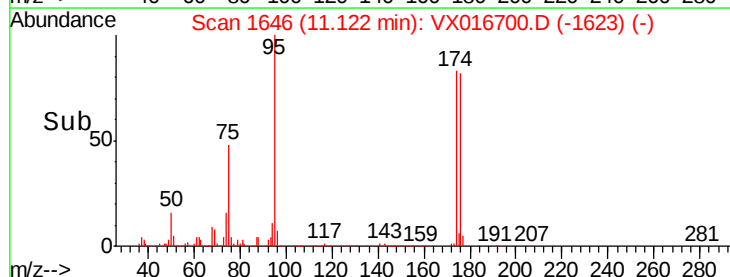
75 100

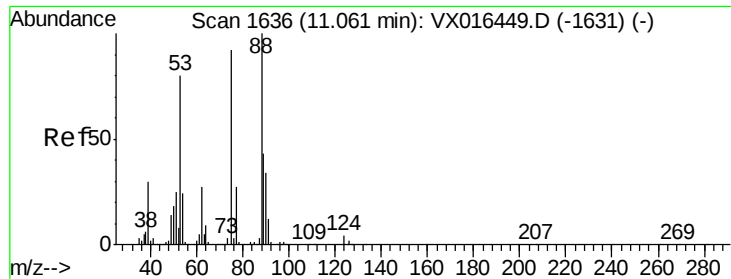
77 1.4 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.481 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016700.D
Acq: 11 Jun 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
LF014RW040-200610

Tgt Ion: 75 Resp: 79848
Ion Ratio Lower Upper
75 100
53 0.1 71.3 106.9#
89 0.0 36.6 55.0#

