

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
 Data File : VX016688.D
 Acq On : 10 Jun 2020 20:19
 Operator : JC/SP
 Sample : L2963-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW133-200608

Quant Time: Jun 11 03:04:40 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	213957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	335637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174501	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	129188	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	5.47	113	104322	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.70	98	415630	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.12	95	168408	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

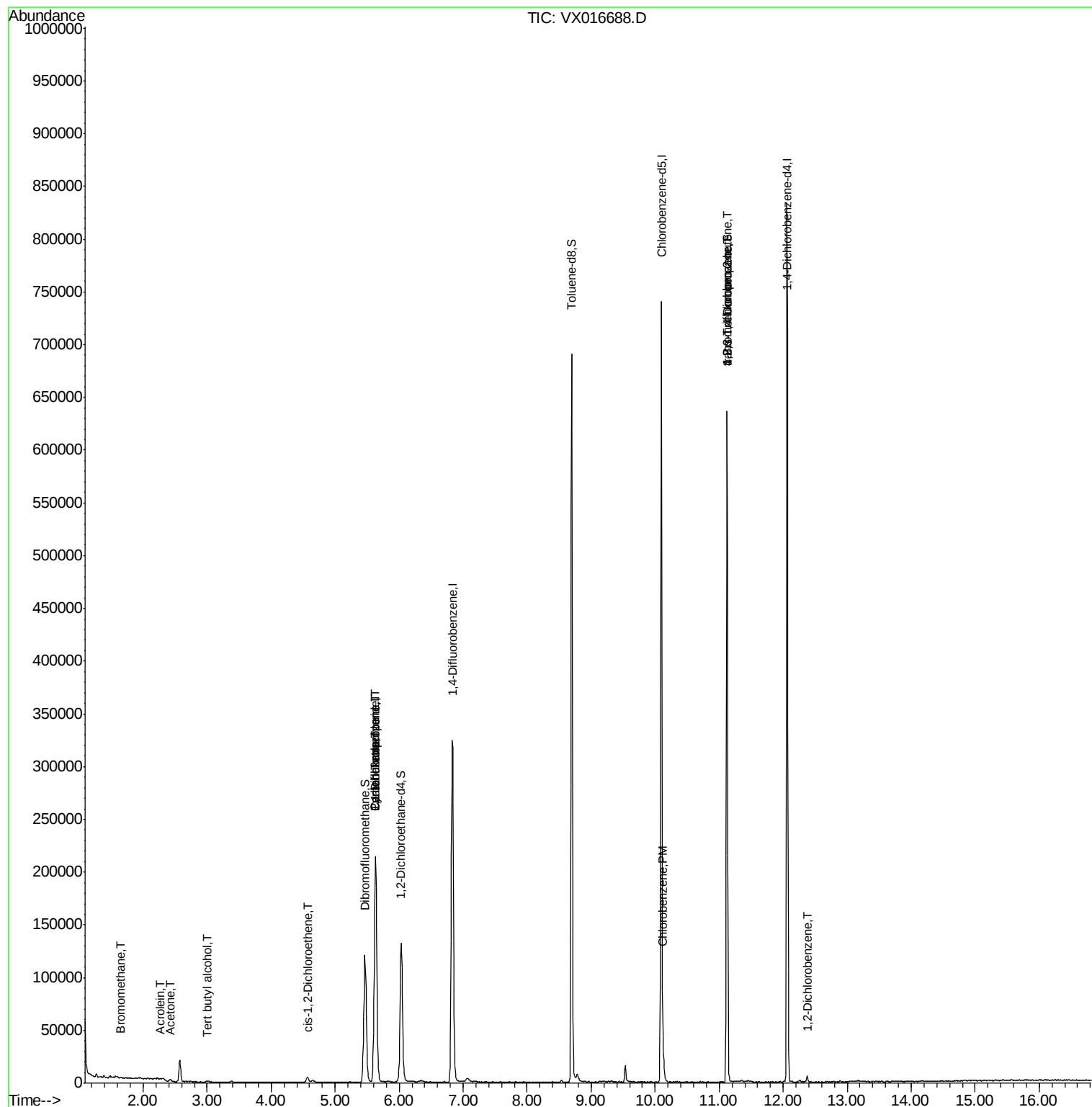
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	269	0.21	ug/l	100
11) Tert butyl alcohol	3.00	59	1250	1.83	ug/l #	78
13) Acrolein	2.26	56	165	0.57	ug/l #	59
16) Acetone	2.42	43	2311	1.99	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	3118	1.18	ug/l	86
31) Cyclohexane	5.63	56	3650	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	14721	4.63	ug/l #	51
38) Carbon Tetrachloride	5.63	117	20172	6.04	ug/l #	17
65) Chlorobenzene	10.12	112	9996	1.41	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	82372	21.48	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	82372	52.83	ug/l #	14
91) 1,2-Dichlorobenzene	12.38	146	1585	0.30	ug/l	95

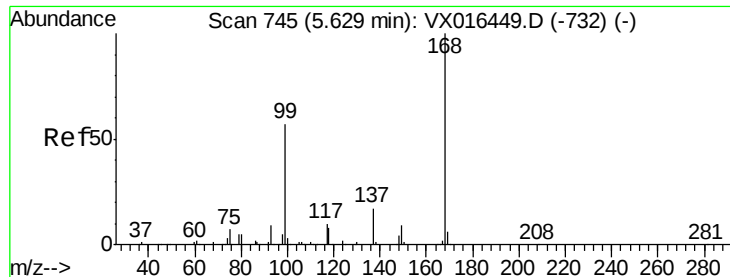
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

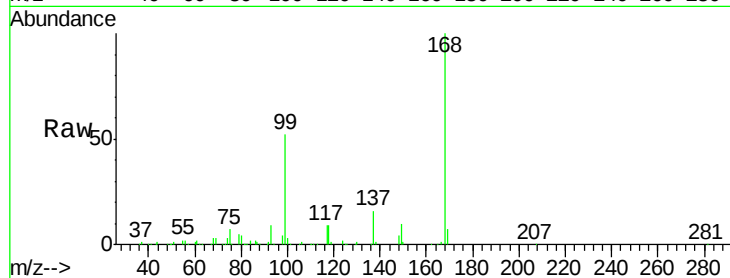
LF014RW133-200608

Tgt Ion:168 Resp: 213957

Ion Ratio Lower Upper

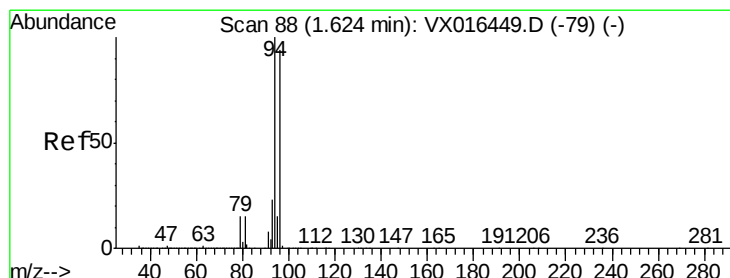
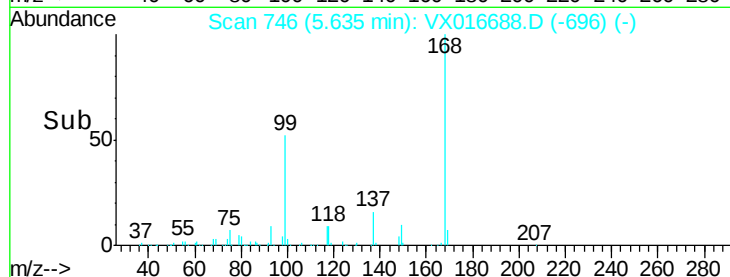
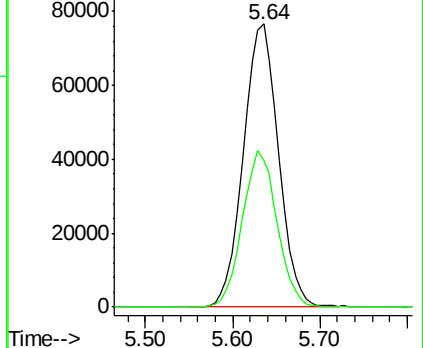
168 100

99 51.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.21 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016688.D

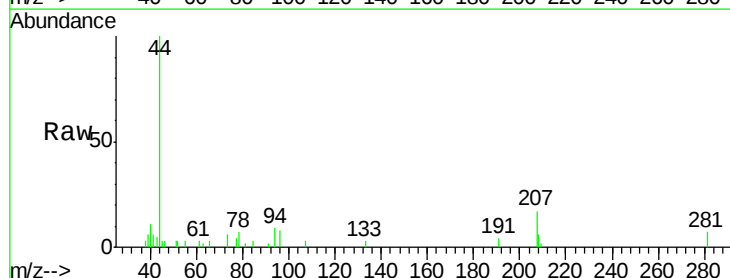
Acq: 10 Jun 2020 20:19

Tgt Ion: 94 Resp: 269

Ion Ratio Lower Upper

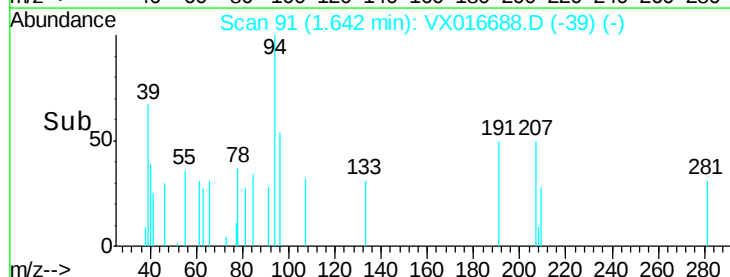
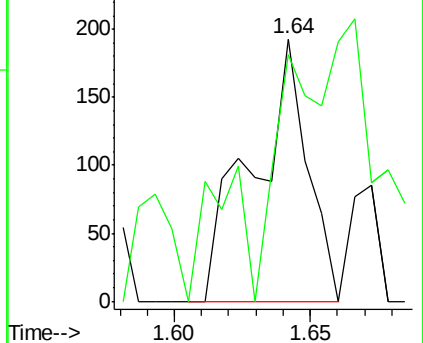
94 100

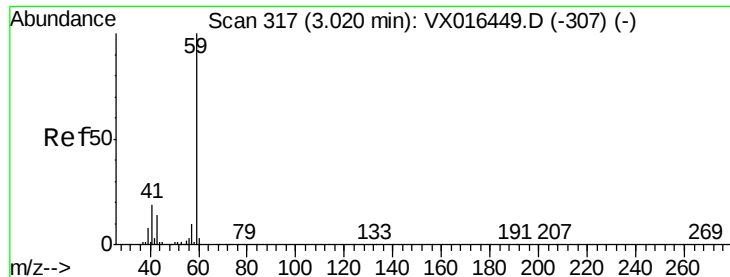
96 93.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

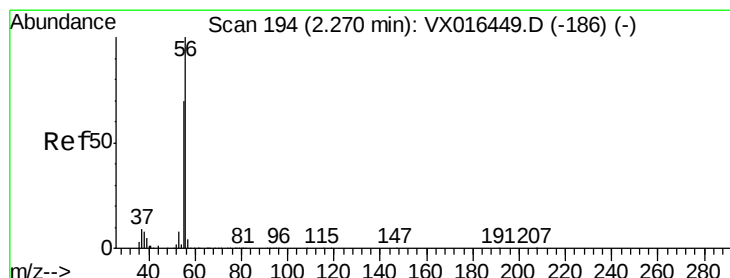
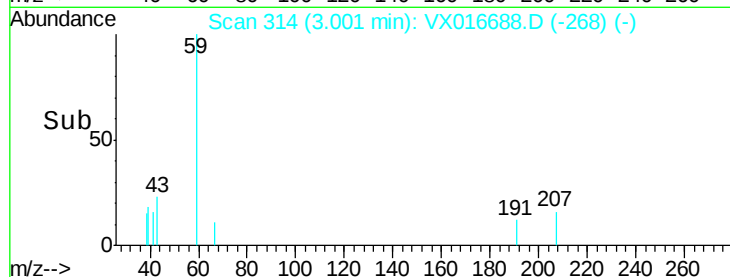
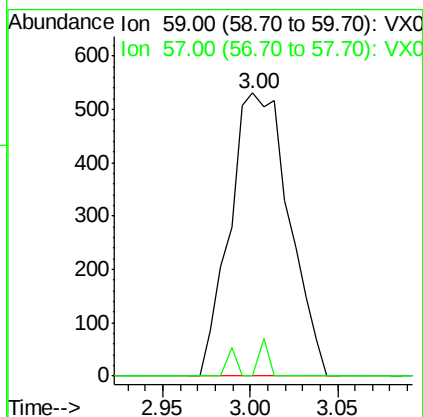
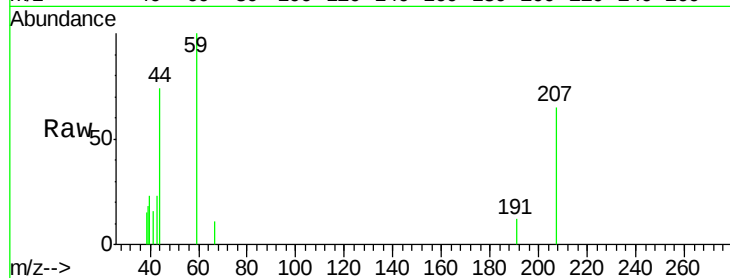




#11
Tert butyl alcohol
Concen: 1.83 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016688.D
Acq: 10 Jun 2020 20:19

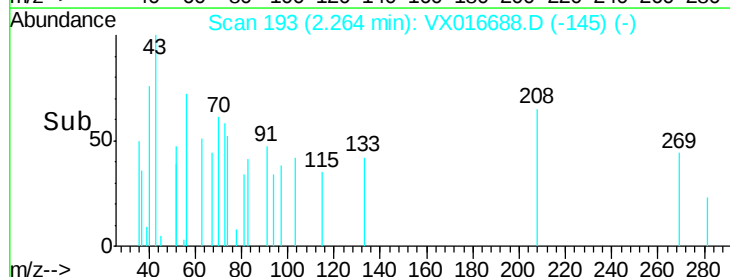
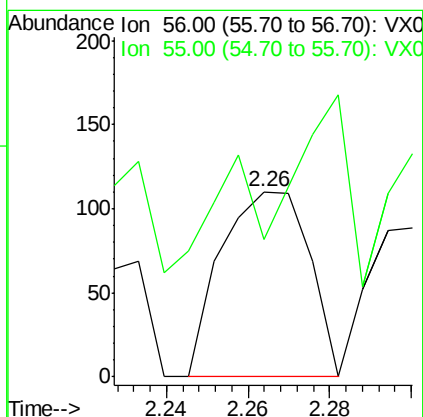
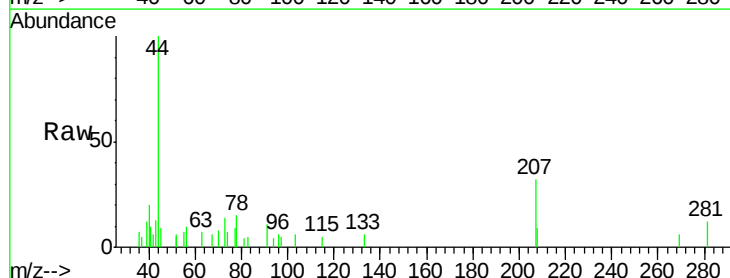
Instrument :
MSVOA_X
ClientSampleId :
LF014RW133-200608

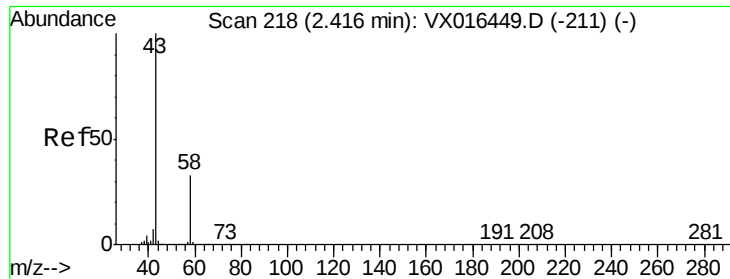
Tgt Ion: 59 Resp: 1250
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#



#13
Acrolein
Concen: 0.57 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX016688.D
Acq: 10 Jun 2020 20:19

Tgt Ion: 56 Resp: 165
Ion Ratio Lower Upper
56 100
55 38.8 58.3 87.5#





#16

Acetone

Concen: 1.99 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

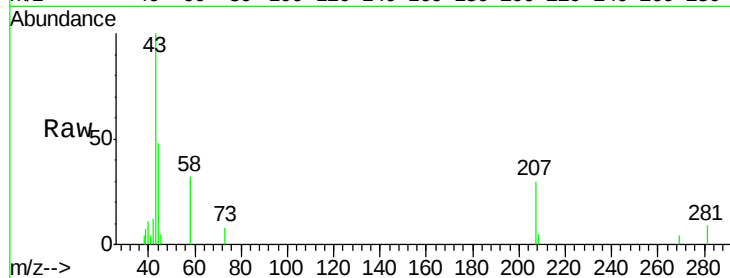
LF014RW133-200608

Tgt Ion: 43 Resp: 2311

Ion Ratio Lower Upper

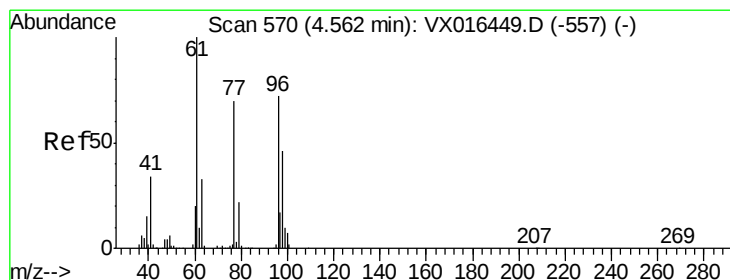
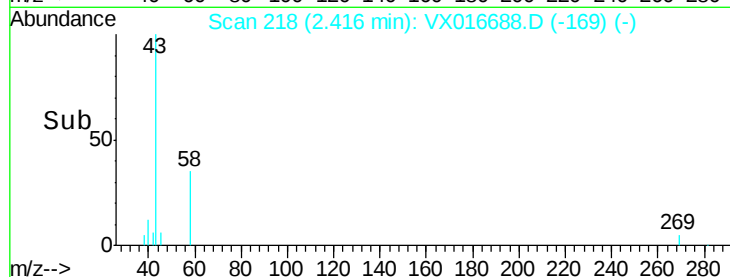
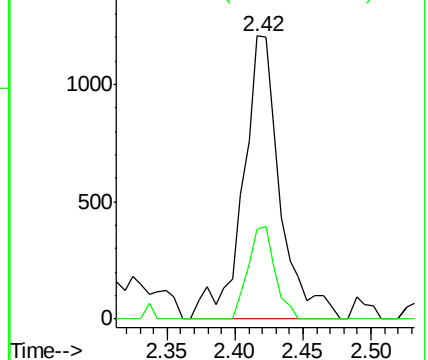
43 100

58 32.0 26.1 39.1



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: 1.18 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

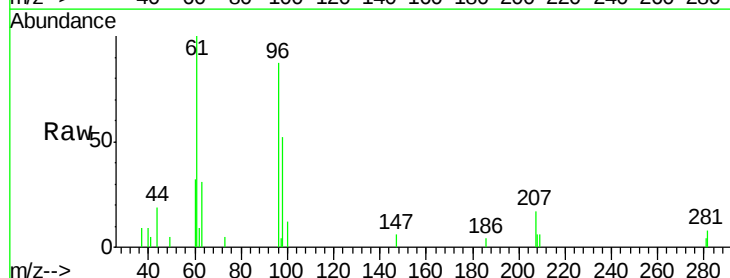
Tgt Ion: 96 Resp: 3118

Ion Ratio Lower Upper

96 100

61 118.0 0.0 284.6

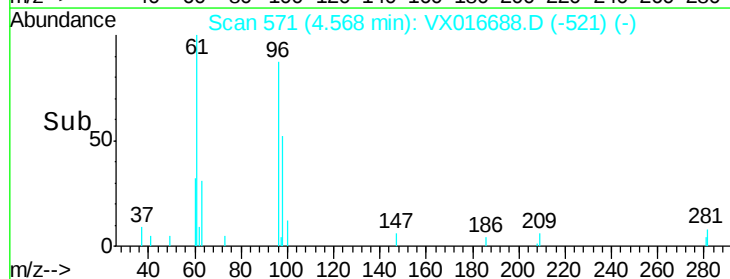
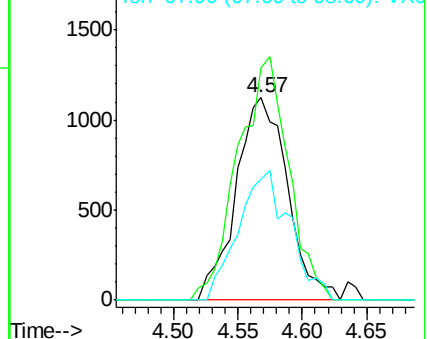
98 64.0 0.0 127.2

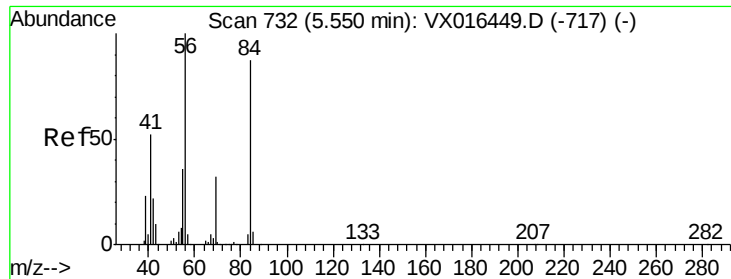


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

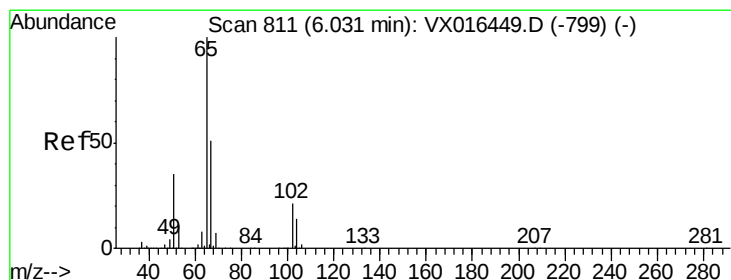
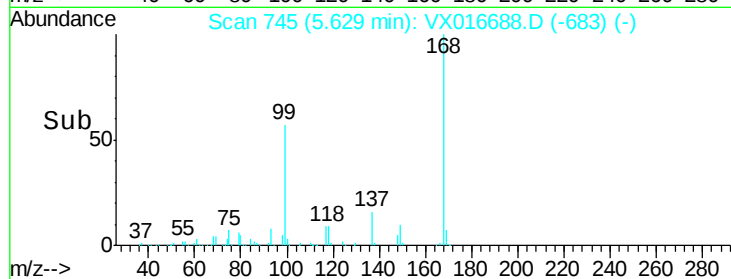
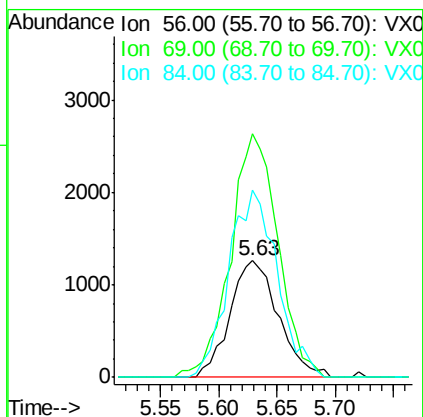
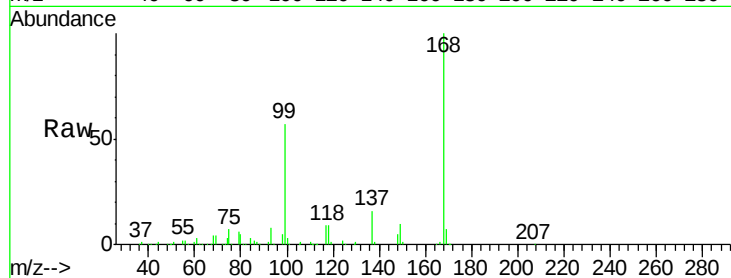




#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016688.D
Acq: 10 Jun 2020 20:19

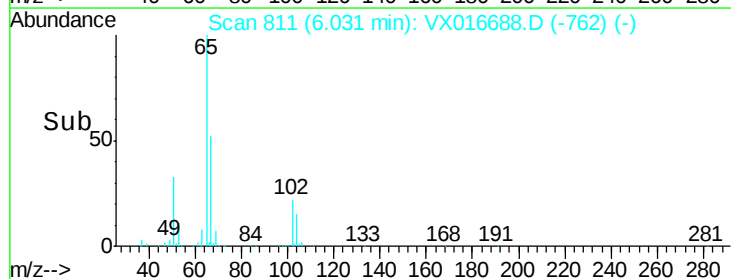
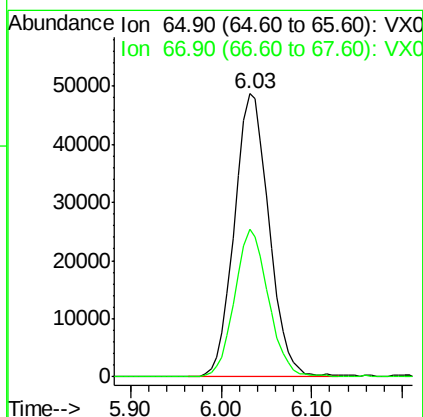
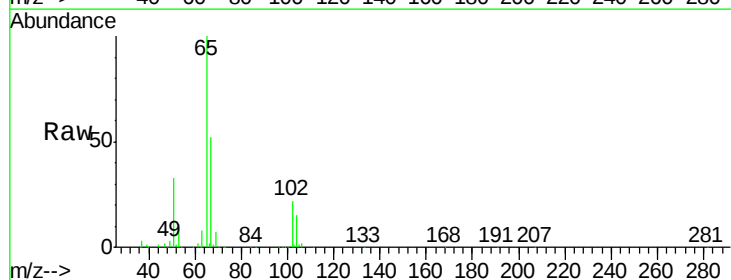
Instrument :
MSVOA_X
ClientSampleId :
LF014RW133-200608

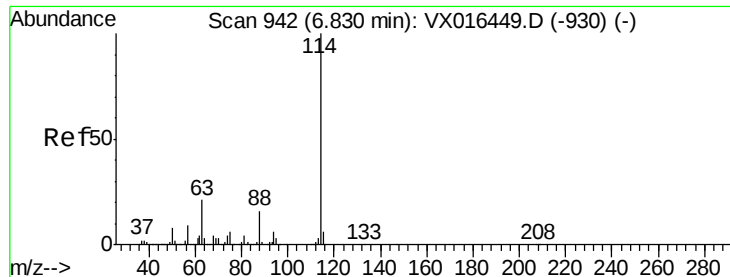
Tgt Ion: 56 Resp: 3650
Ion Ratio Lower Upper
56 100
69 208.5 25.7 38.5#
84 160.6 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.62 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016688.D
Acq: 10 Jun 2020 20:19

Tgt Ion: 65 Resp: 129188
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

LF014RW133-200608

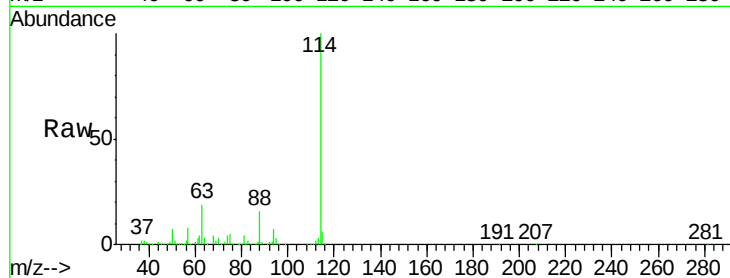
Tgt Ion:114 Resp: 335637

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

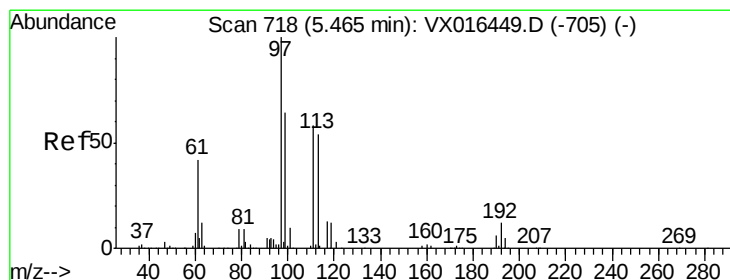
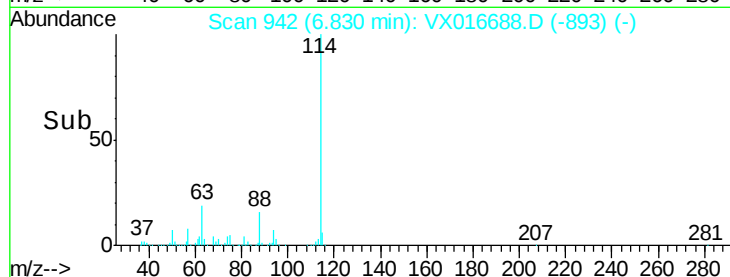
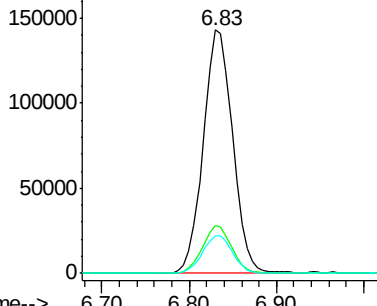
88 15.6 0.0 32.8



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: 50.48 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

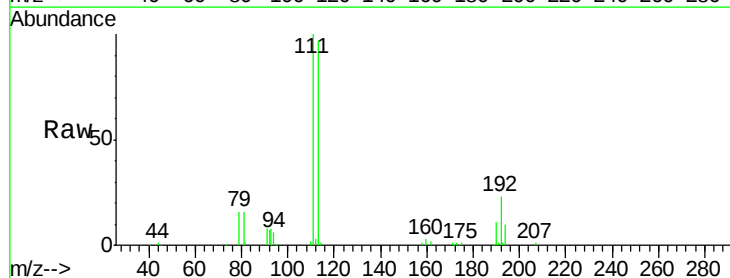
Tgt Ion:113 Resp: 104322

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

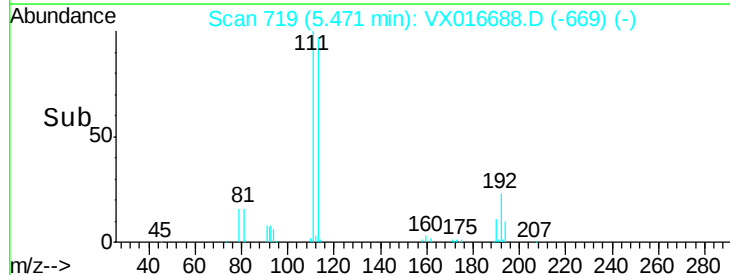
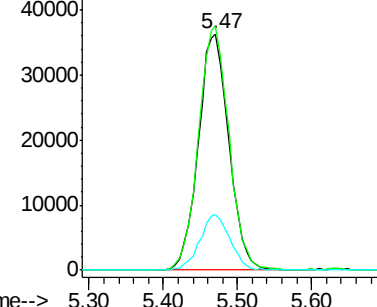
192 23.2 17.7 26.5

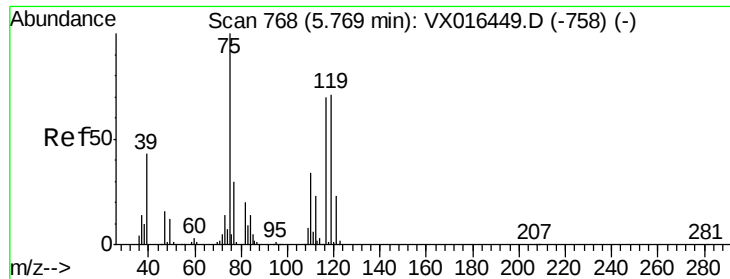


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

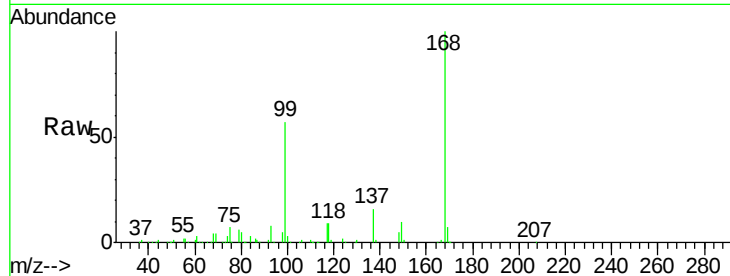




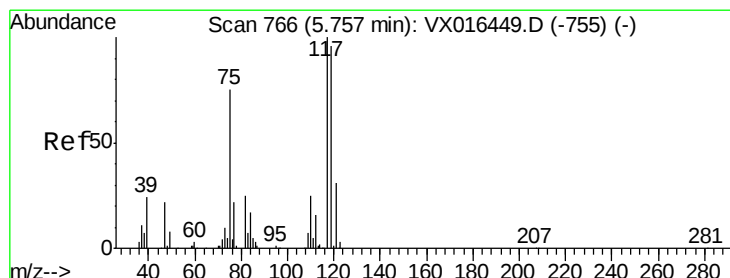
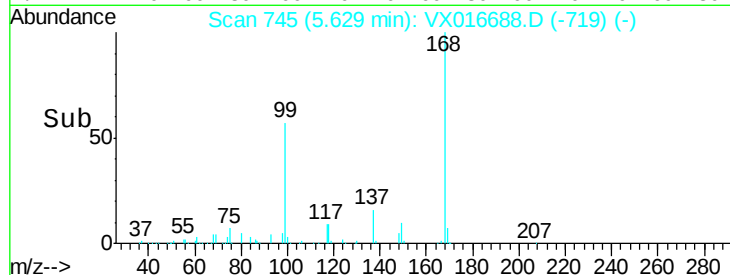
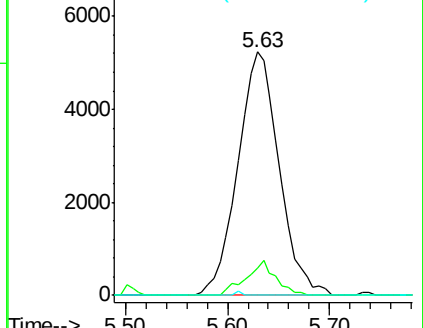
#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016688.D
 Acq: 10 Jun 2020 20:19

Instrument :
 MSVOA_X
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 LF014RW133-200608

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.4	52.3#
77	0.0	24.2	36.4#

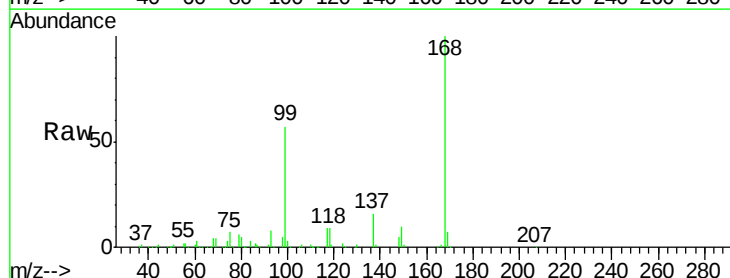


Abundance Ion 74.90 (74.60 to 75.60): VX016688.D (-719) (-)

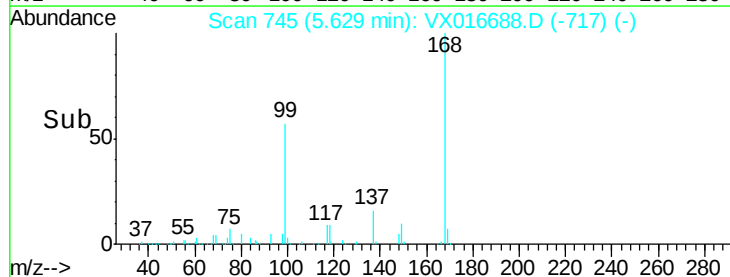
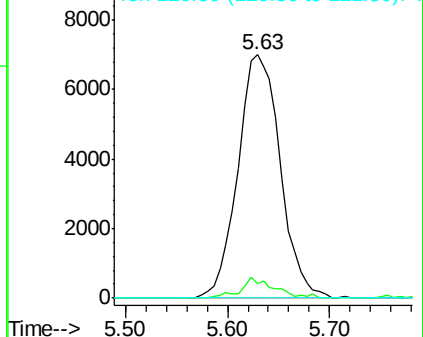


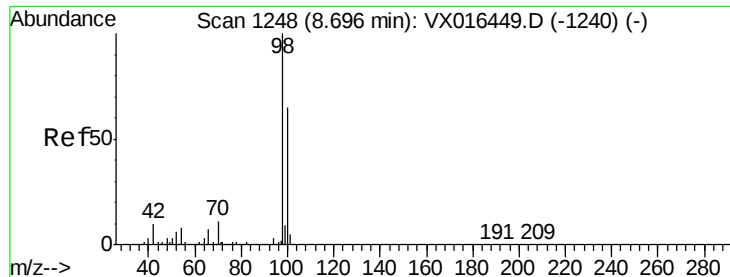
#38
 Carbon Tetrachloride
 Concen: 6.04 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016688.D
 Acq: 10 Jun 2020 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.3	114.5#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VX016688.D (-717) (-)





#50

Toluene-d8

Concen: 51.67 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

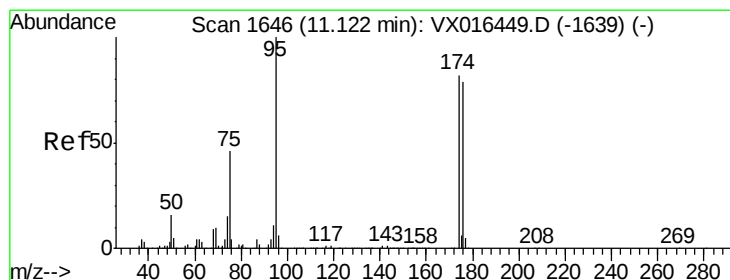
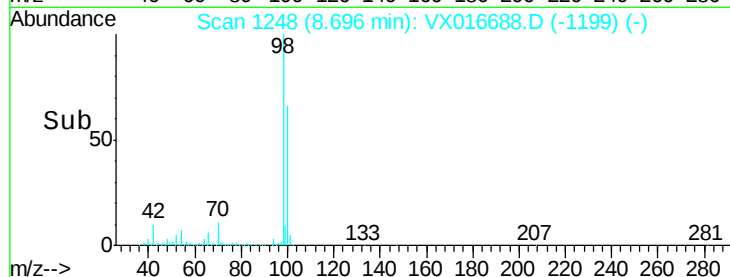
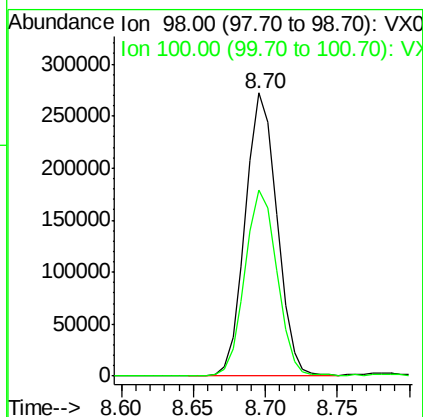
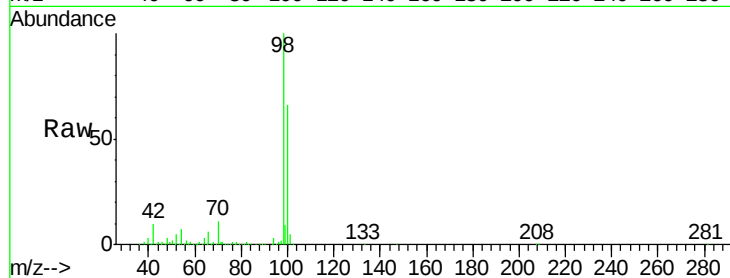
LF014RW133-200608

Tgt Ion: 98 Resp: 415630

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.18 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

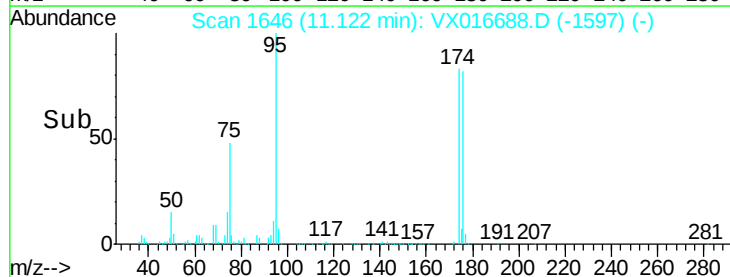
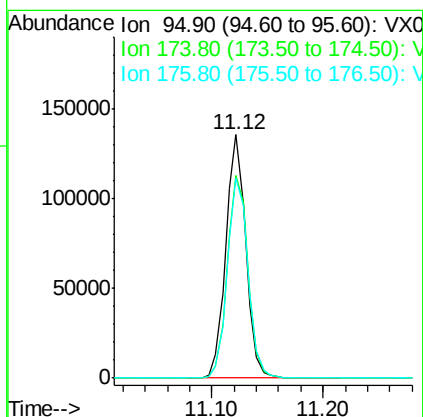
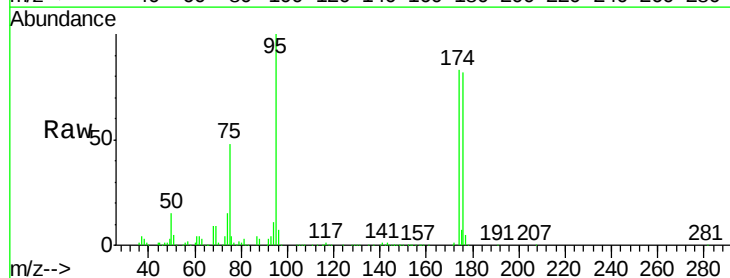
Tgt Ion: 95 Resp: 168408

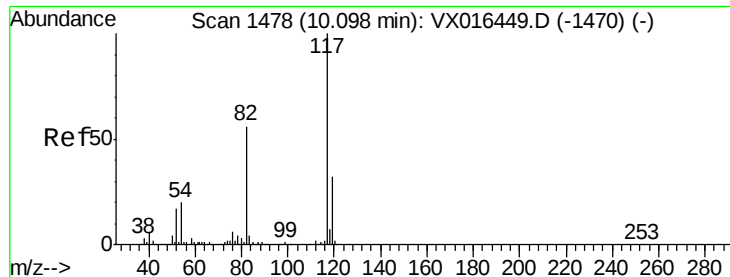
Ion Ratio Lower Upper

95 100

174 86.1 0.0 163.0

176 84.8 0.0 156.8

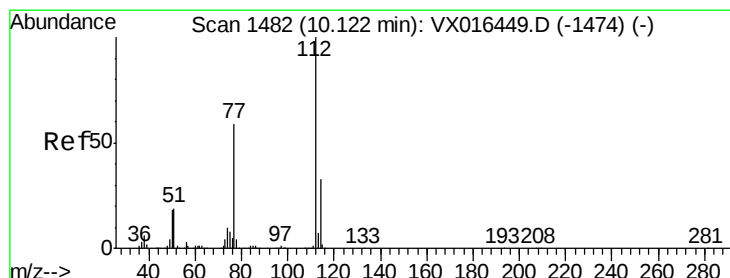
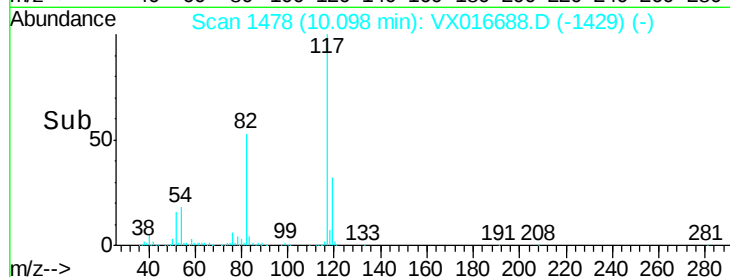
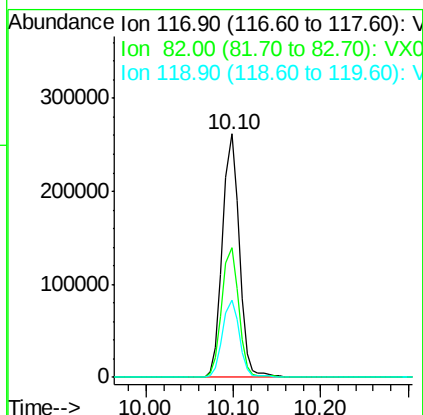
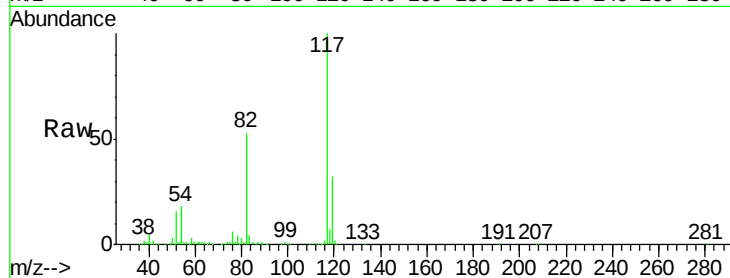




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016688.D
Acq: 10 Jun 2020 20:19

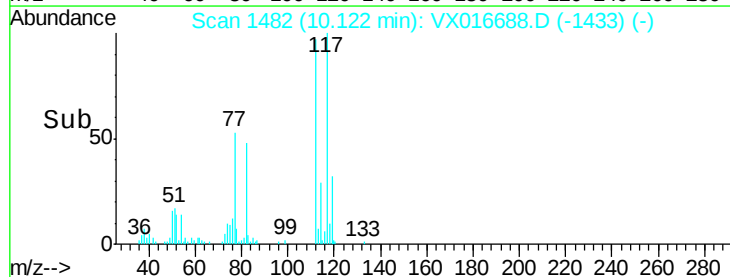
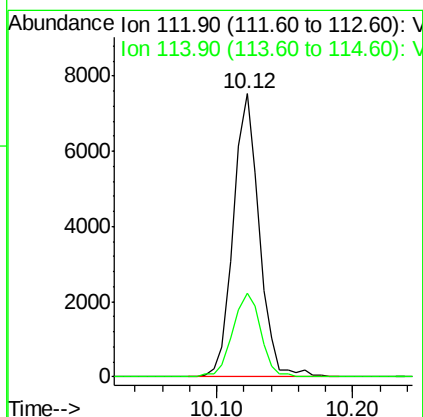
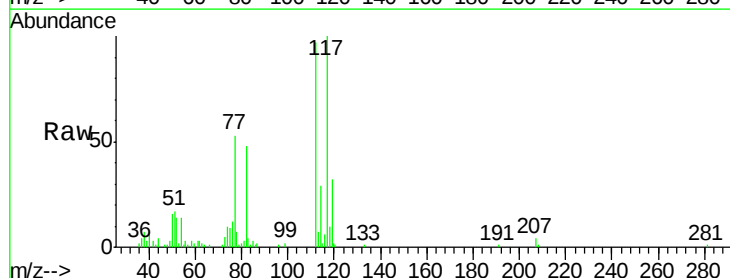
Instrument :
MSVOA_X
ClientSampleId :
LF014RW133-200608

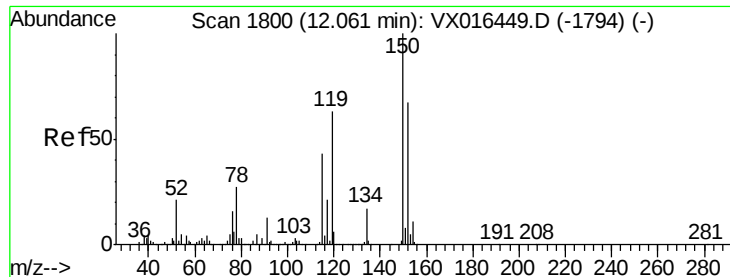
Tgt Ion:117 Resp: 348728
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.6
119 32.0 25.8 38.8



#65
Chlorobenzene
Concen: 1.41 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016688.D
Acq: 10 Jun 2020 20:19

Tgt Ion:112 Resp: 9996
Ion Ratio Lower Upper
112 100
114 29.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

LF014RW133-200608

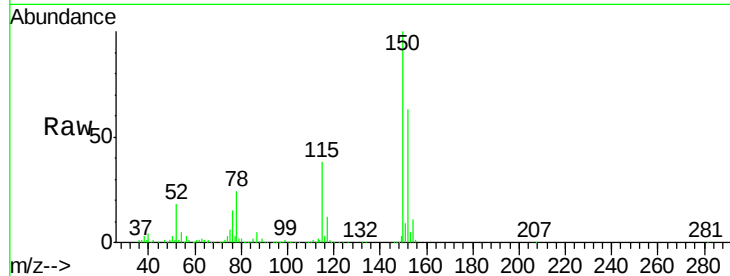
Tgt Ion: 152 Resp: 174501

Ion Ratio Lower Upper

152 100

115 59.3 39.9 119.6

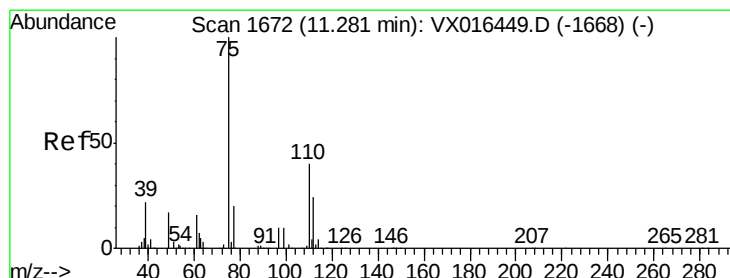
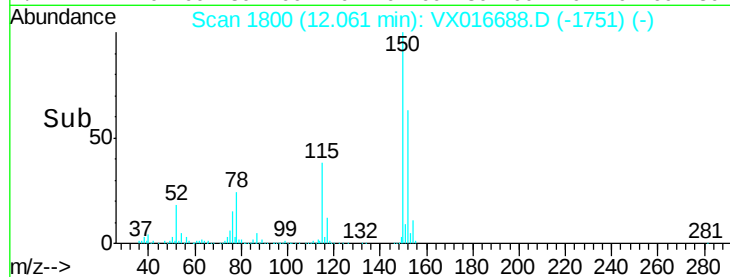
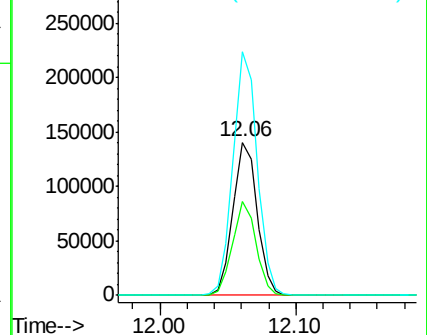
150 158.8 0.0 341.0



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: 21.48 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016688.D

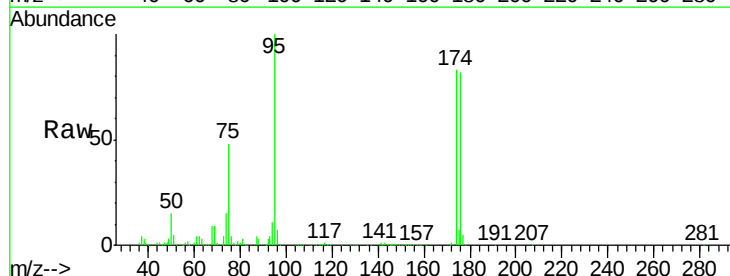
Acq: 10 Jun 2020 20:19

Tgt Ion: 75 Resp: 82372

Ion Ratio Lower Upper

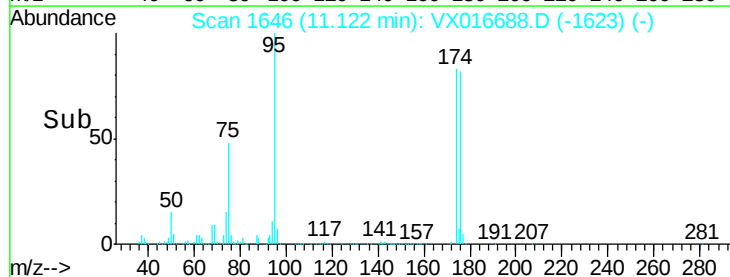
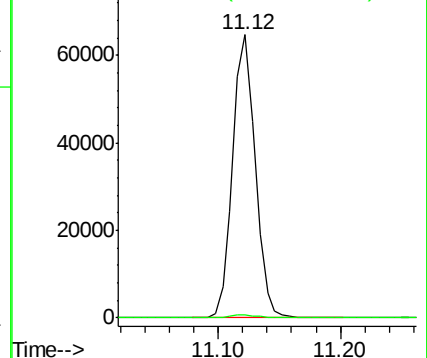
75 100

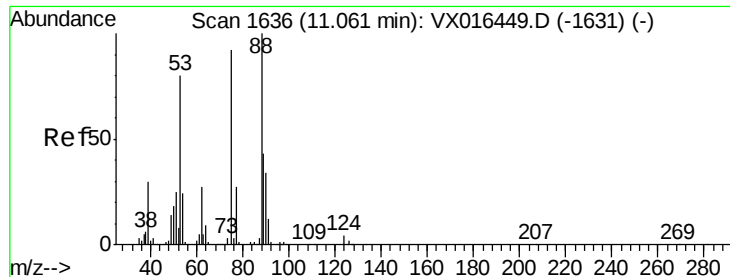
77 1.4 21.3 63.7#



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: 52.83 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

LF014RW133-200608

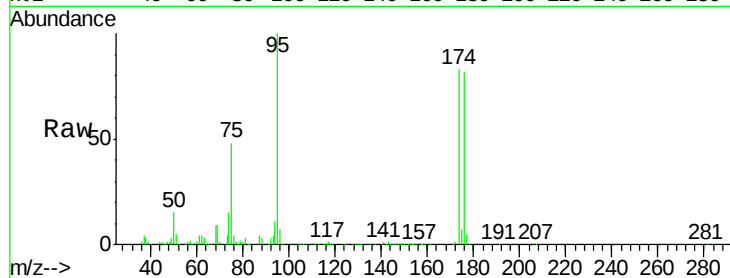
Tgt Ion: 75 Resp: 82372

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

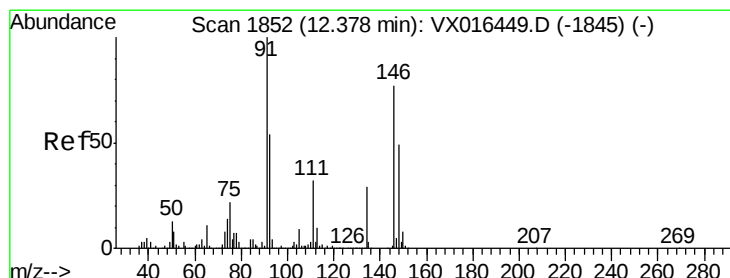
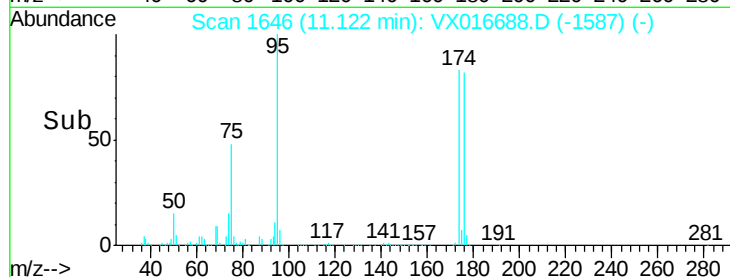
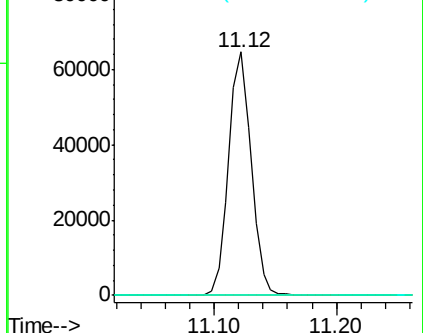
89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#91

1,2-Dichlorobenzene

Concen: 0.30 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016688.D

Acq: 10 Jun 2020 20:19

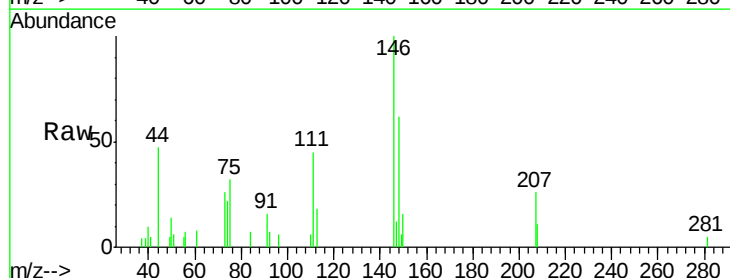
Tgt Ion: 146 Resp: 1585

Ion Ratio Lower Upper

146 100

111 44.9 21.4 64.3

148 59.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

