

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
 Data File : VX016678.D
 Acq On : 10 Jun 2020 16:32
 Operator : JC/SP
 Sample : L2963-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW130-200608

Quant Time: Jun 11 03:02:43 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	223755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	355057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	364847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187292	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130786	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	5.47	113	108987	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	8.70	98	442200	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.12	95	178143	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

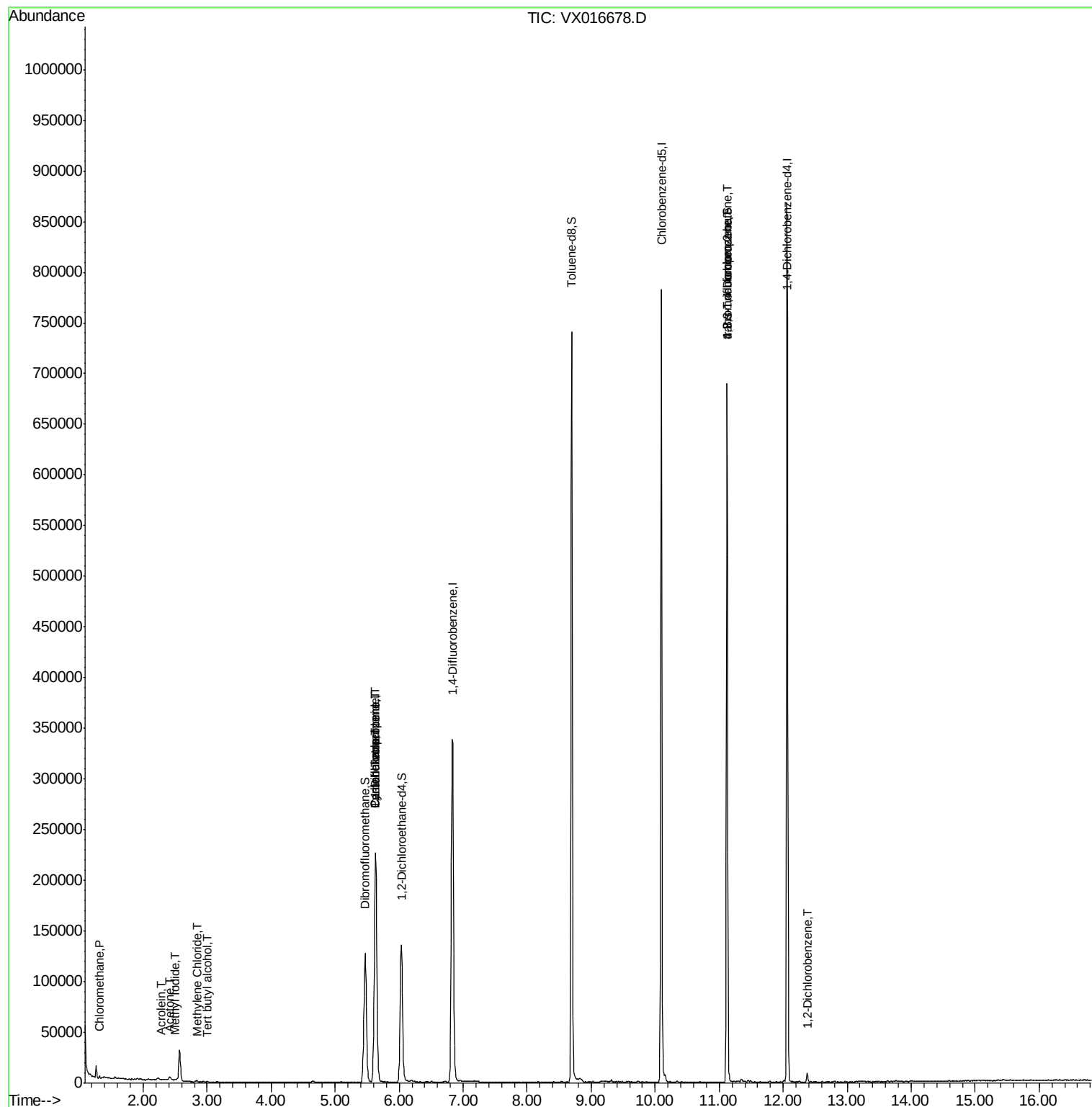
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1449	0.54	ug/l #	83
10) Methyl Iodide	2.49	142	75	3.08	ug/l #	68
11) Tert butyl alcohol	3.01	59	153	0.21	ug/l #	72
13) Acrolein	2.28	56	293	0.97	ug/l	92
16) Acetone	2.42	43	3086	2.53	ug/l	91
20) Methylene Chloride	2.84	84	559	0.22	ug/l #	54
31) Cyclohexane	5.63	56	3978	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15035	4.47	ug/l #	51
38) Carbon Tetrachloride	5.63	117	21845	6.18	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	86358	20.98	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	86358	51.60	ug/l #	14
91) 1,2-Dichlorobenzene	12.38	146	2596	0.45	ug/l	95

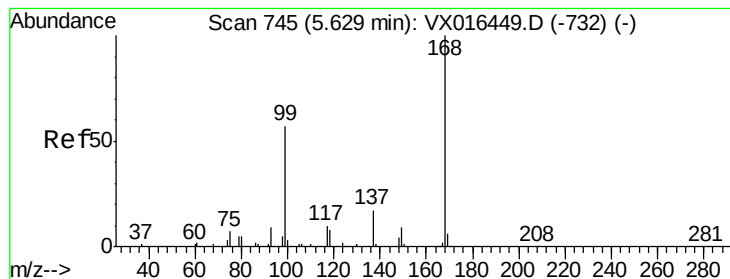
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
Data File : VX016678.D
Acq On : 10 Jun 2020 16:32
Operator : JC/SP
Sample : L2963-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014MW130-200608

Quant Time: Jun 11 03:02:43 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: 50.00 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

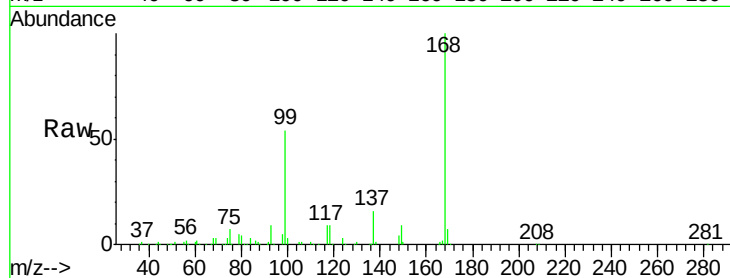
LF014MW130-200608

Tgt Ion:168 Resp: 223755

Ion Ratio Lower Upper

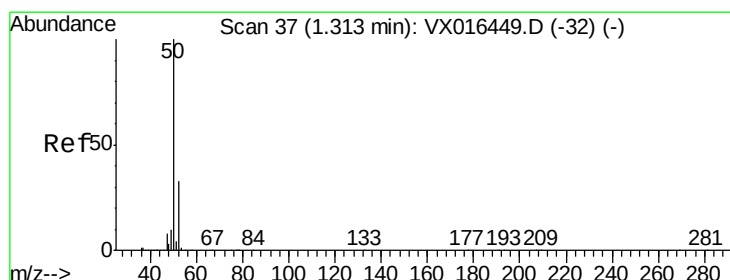
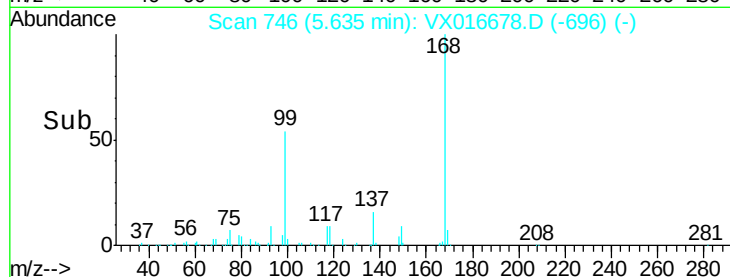
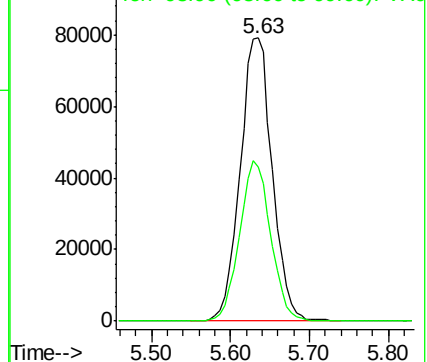
168 100

99 54.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.54 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016678.D

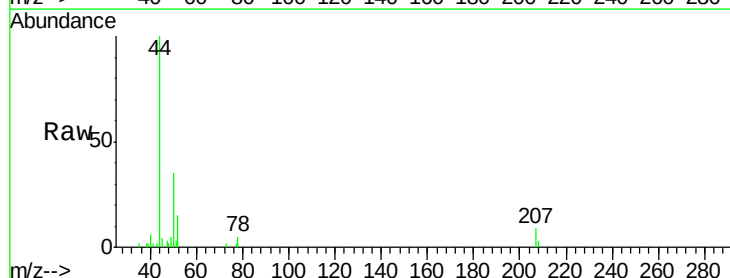
Acq: 10 Jun 2020 16:32

Tgt Ion: 50 Resp: 1449

Ion Ratio Lower Upper

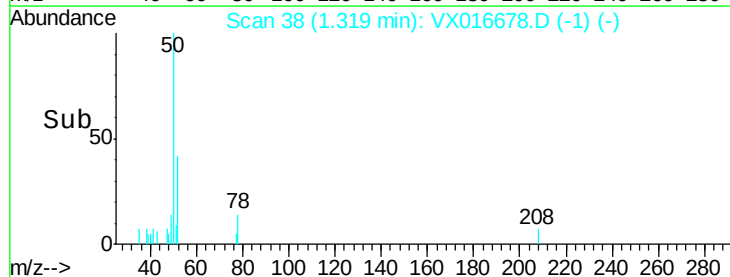
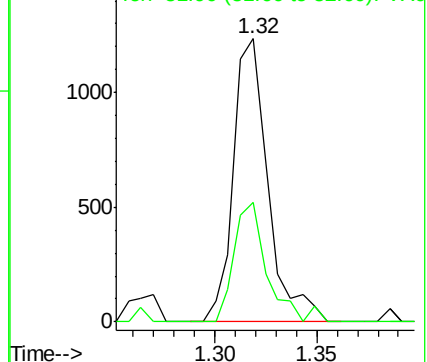
50 100

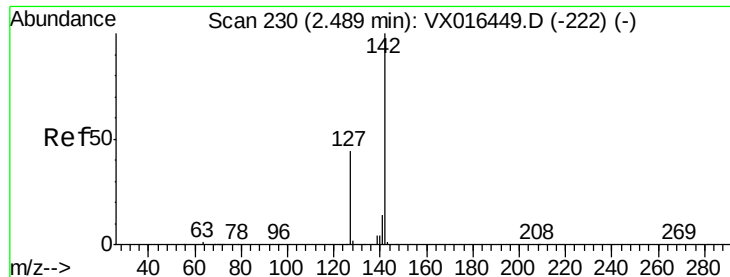
52 42.2 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

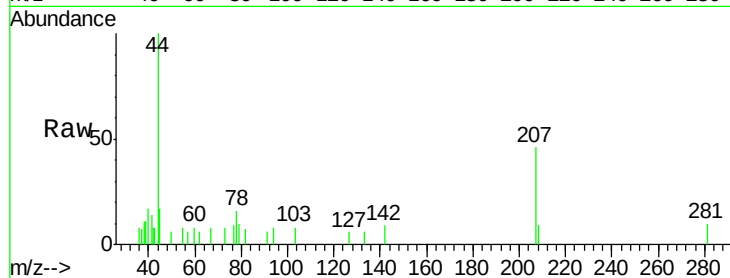




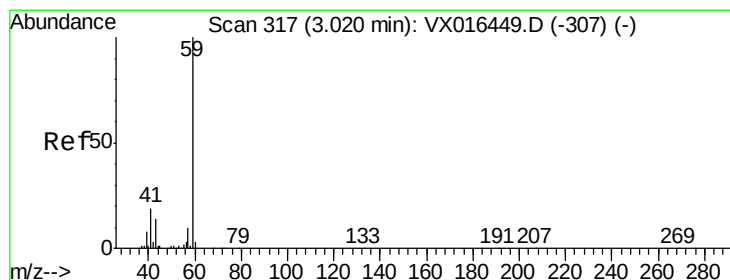
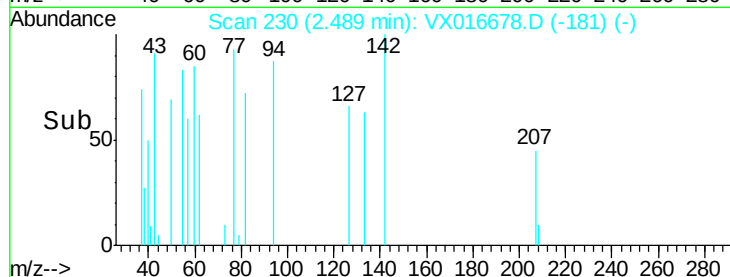
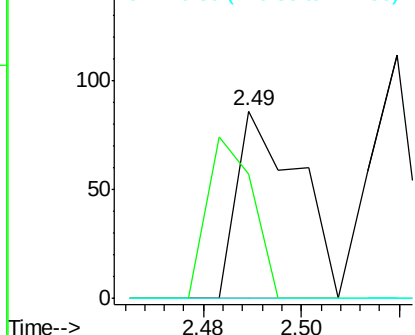
#10
Methyl Iodide
Concen: 3.08 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX016678.D
Acq: 10 Jun 2020 16:32

Instrument :
MSVOA_X
ClientSampleId :
LF014MW130-200608

Tgt Ion: 142 Resp: 75
Ion Ratio Lower Upper
142 100
127 64.0 35.3 52.9#
141 0.0 11.4 17.2#

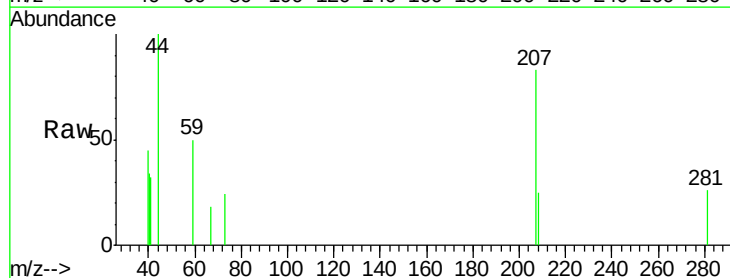


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

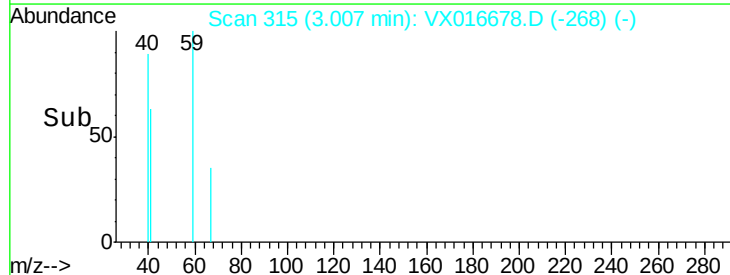
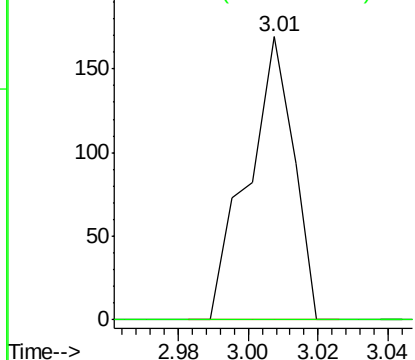


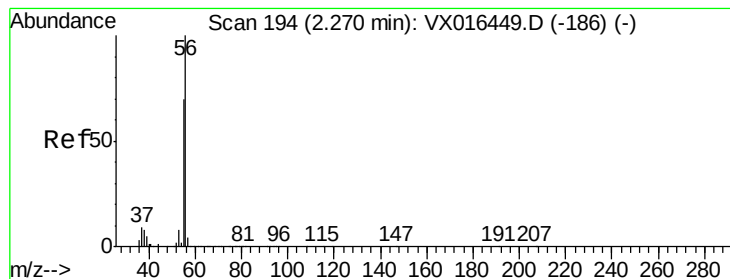
#11
Tert butyl alcohol
Concen: 0.21 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016678.D
Acq: 10 Jun 2020 16:32

Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.97 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

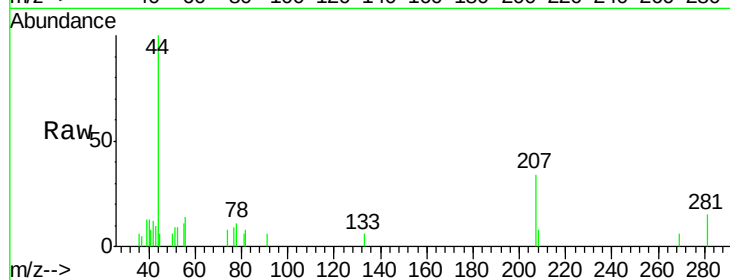
LF014MW130-200608

Tgt Ion: 56 Resp: 293

Ion Ratio Lower Upper

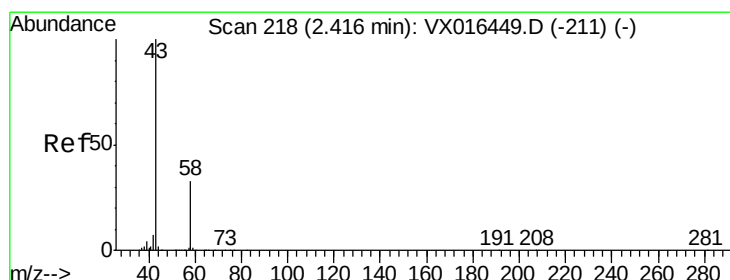
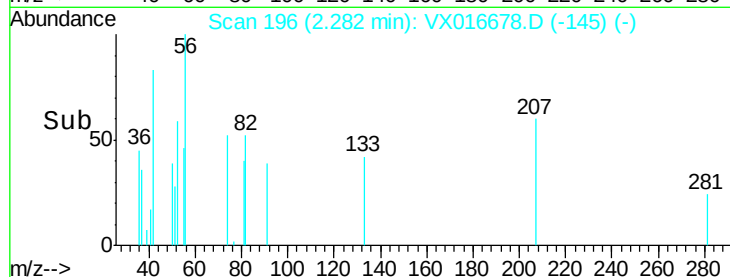
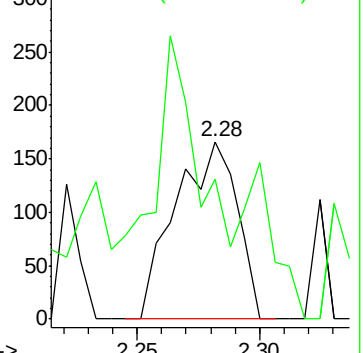
56 100

55 65.9 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.53 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016678.D

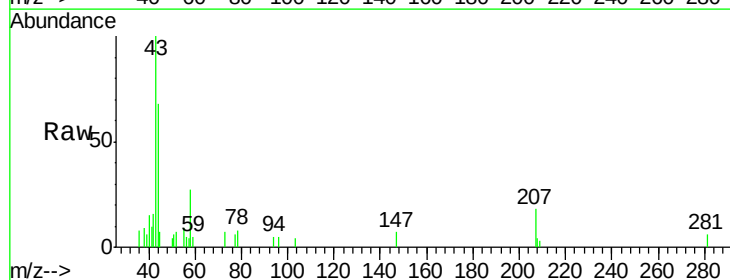
Acq: 10 Jun 2020 16:32

Tgt Ion: 43 Resp: 3086

Ion Ratio Lower Upper

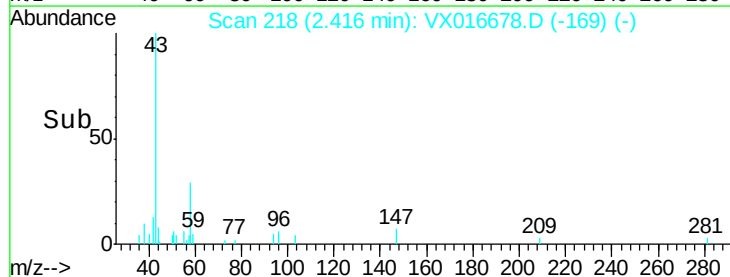
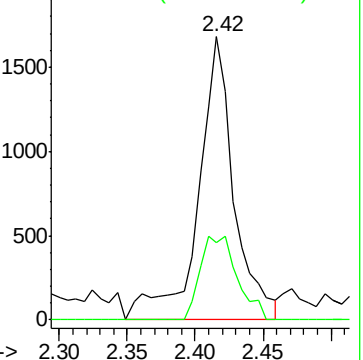
43 100

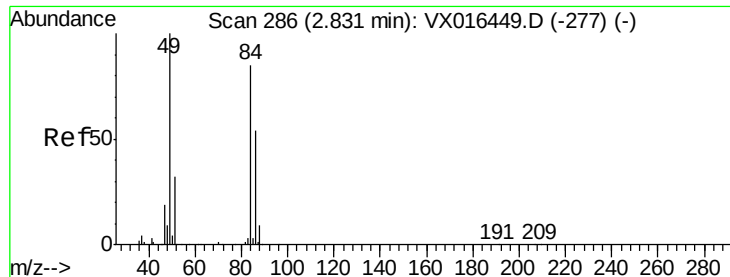
58 27.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

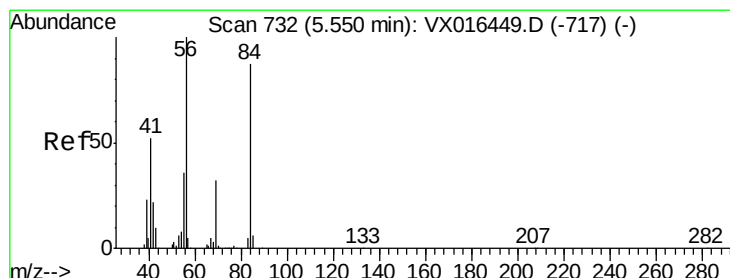
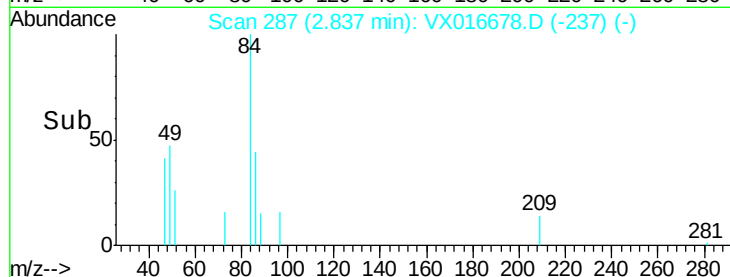
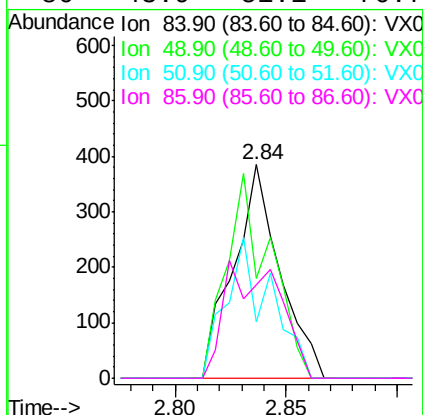
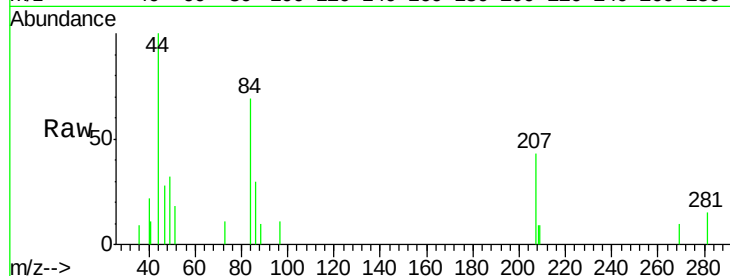




#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016678.D
Acq: 10 Jun 2020 16:32

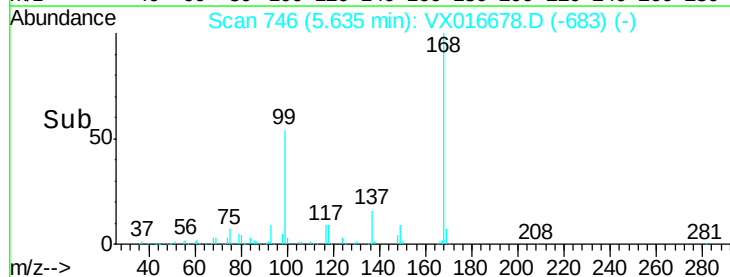
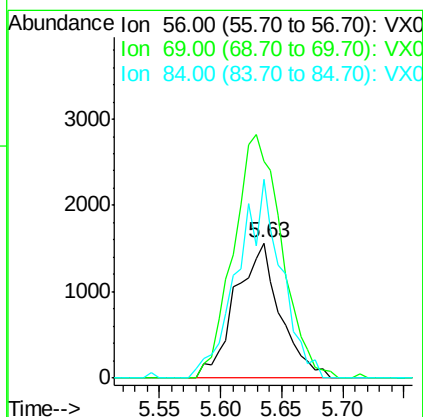
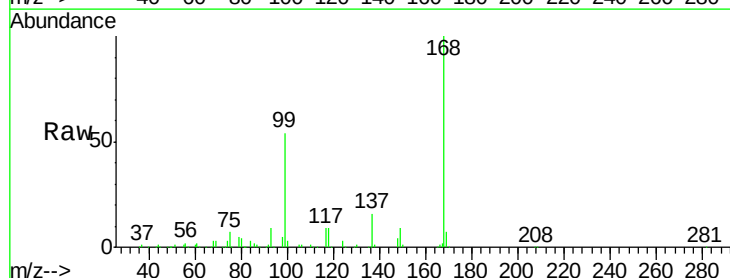
Instrument :
MSVOA_X
ClientSampleId :
LF014MW130-200608

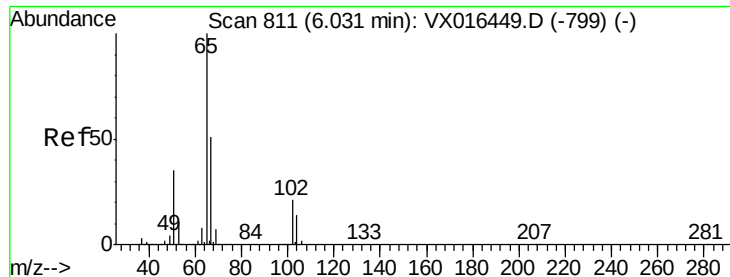
Tgt Ion:	84	Resp:	559
Ion	Ratio	Lower	Upper
84	100		
49	46.8	94.5	141.7#
51	26.2	30.2	45.4#
86	43.9	51.1	76.7#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016678.D
Acq: 10 Jun 2020 16:32

Tgt Ion:	56	Resp:	3978
Ion	Ratio	Lower	Upper
56	100		
69	160.5	25.7	38.5#
84	147.0	70.0	105.0#

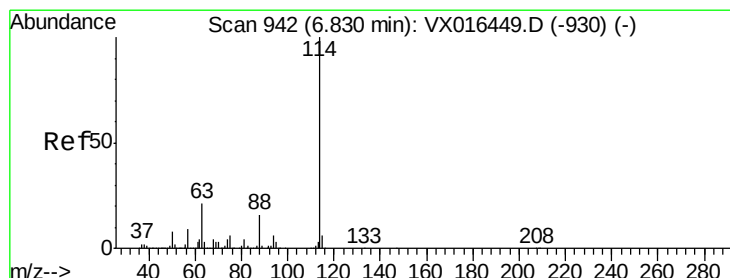
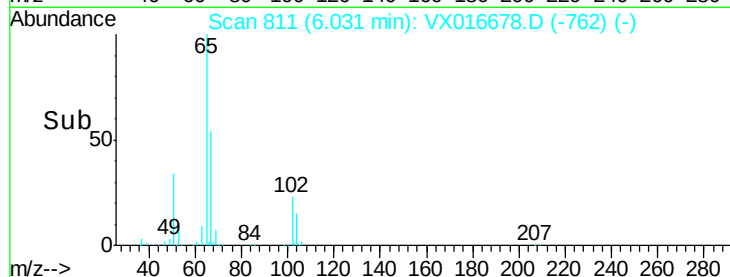
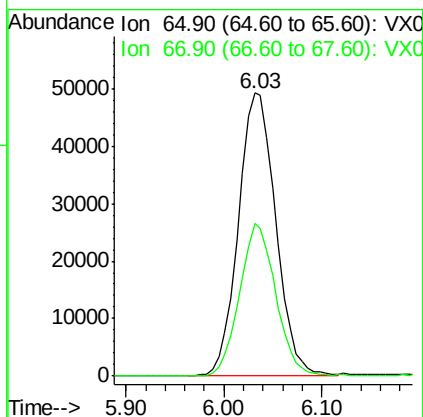
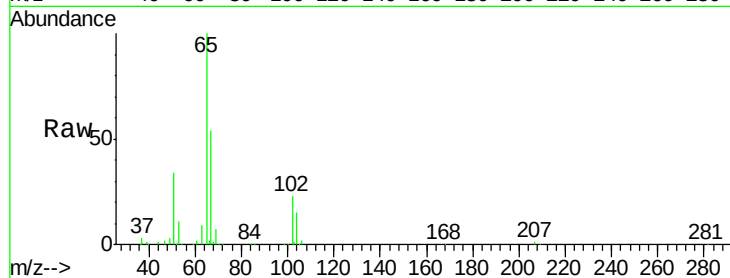




#33
 1,2-Dichloroethane-d4
 Concen: 47.07 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016678.D
 Acq: 10 Jun 2020 16:32

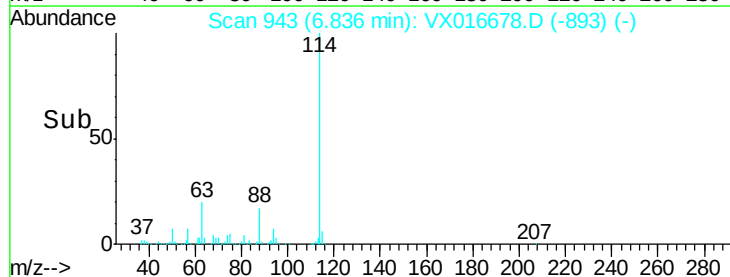
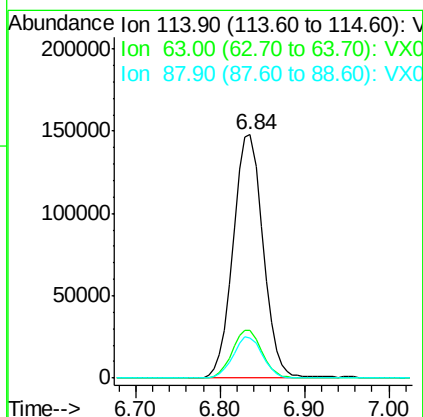
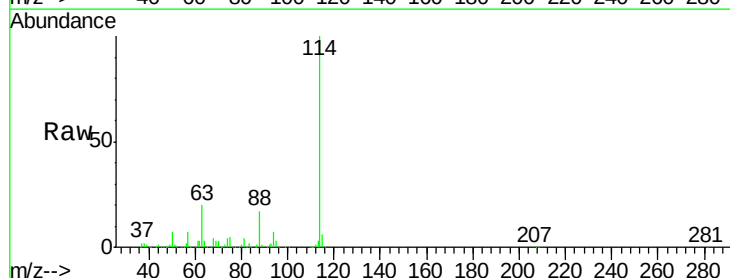
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW130-200608

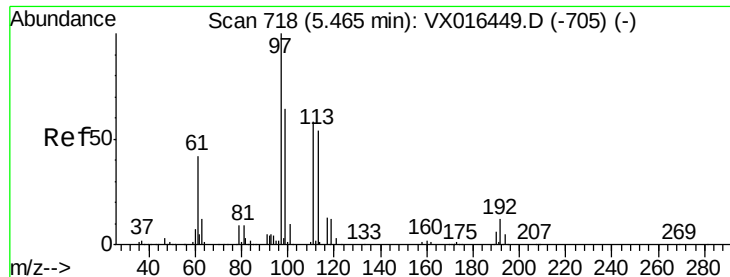
Tgt Ion: 65 Resp: 130786
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016678.D
 Acq: 10 Jun 2020 16:32

Tgt Ion: 114 Resp: 355057
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.6
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.85 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

LF014MW130-200608

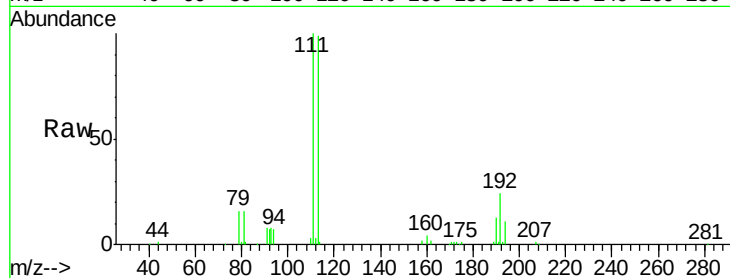
Tgt Ion:113 Resp: 108987

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

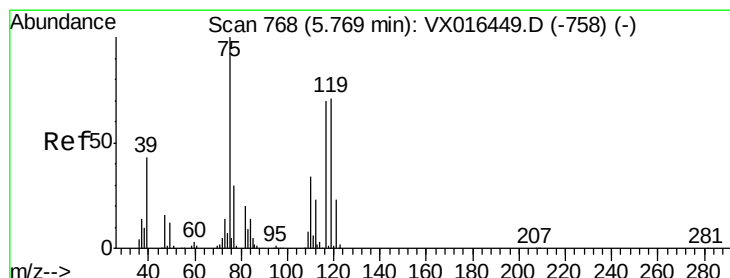
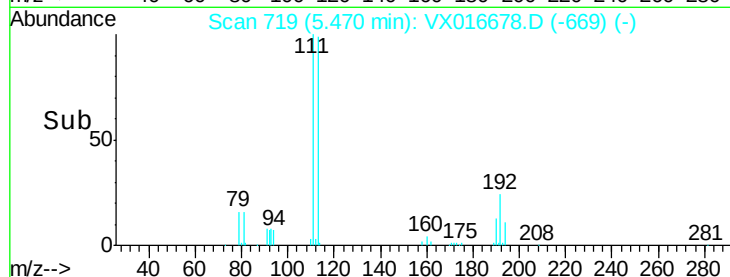
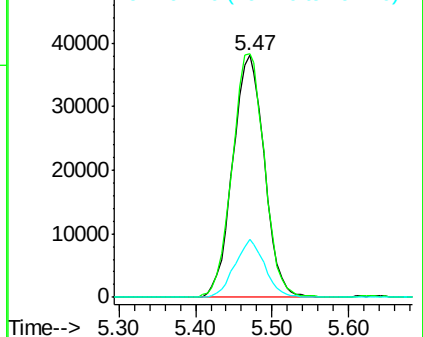
192 22.7 17.7 26.5



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: 4.47 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

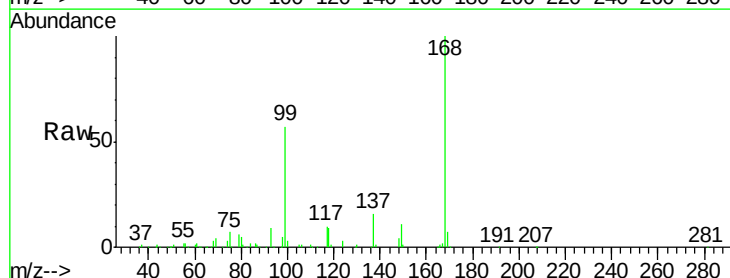
Tgt Ion: 75 Resp: 15035

Ion Ratio Lower Upper

75 100

110 10.2 17.4 52.3#

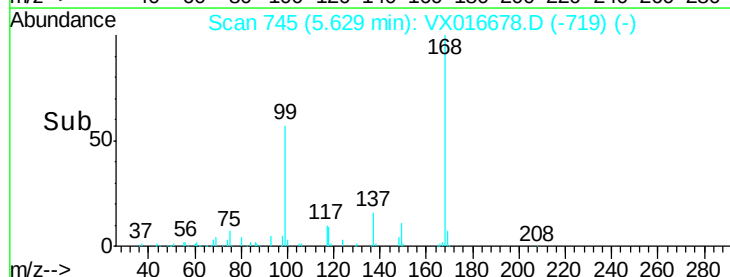
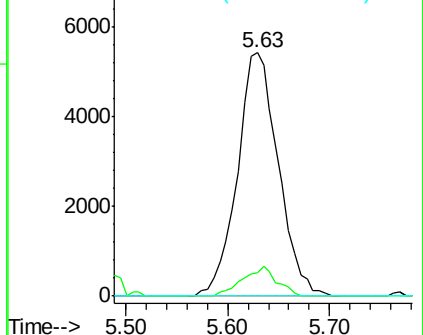
77 0.0 24.2 36.4#

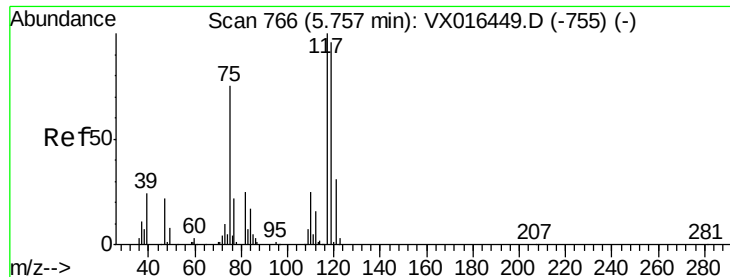


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.18 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

LF014MW130-200608

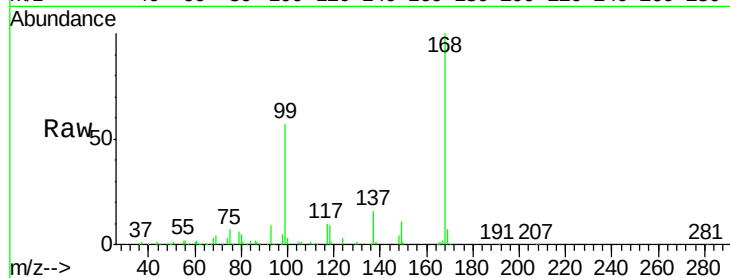
Tgt Ion:117 Resp: 21845

Ion Ratio Lower Upper

117 100

119 5.9 76.3 114.5#

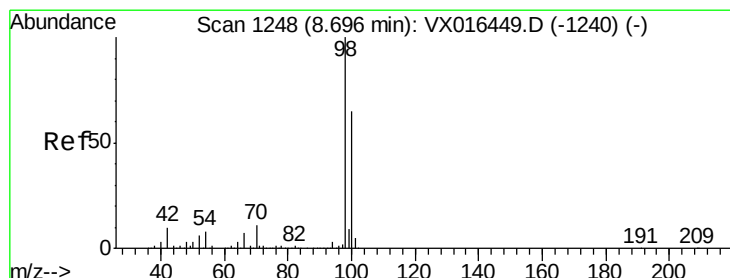
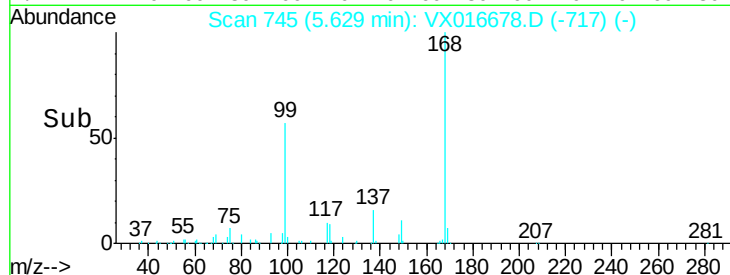
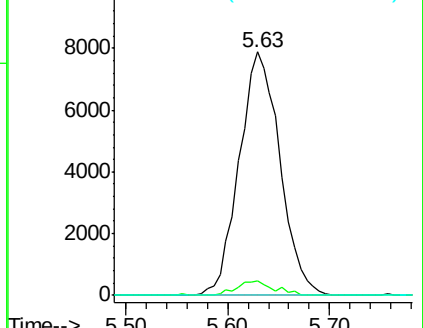
121 0.0 24.6 37.0#



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



#50

Toluene-d8

Concen: 51.97 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016678.D

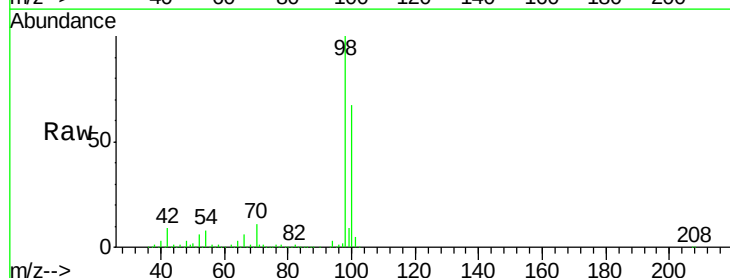
Acq: 10 Jun 2020 16:32

Tgt Ion: 98 Resp: 442200

Ion Ratio Lower Upper

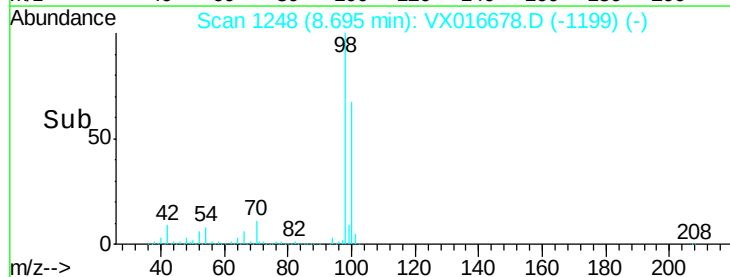
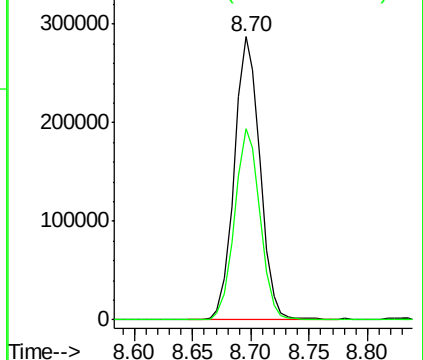
98 100

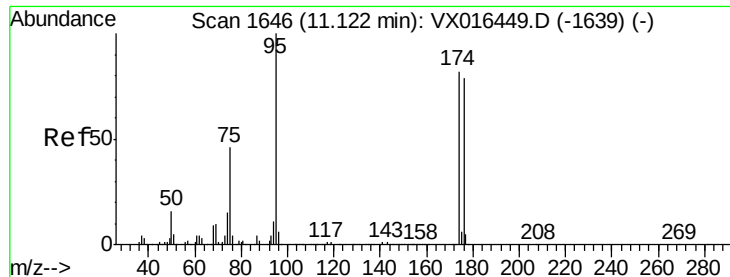
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.18 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

LF014MW130-200608

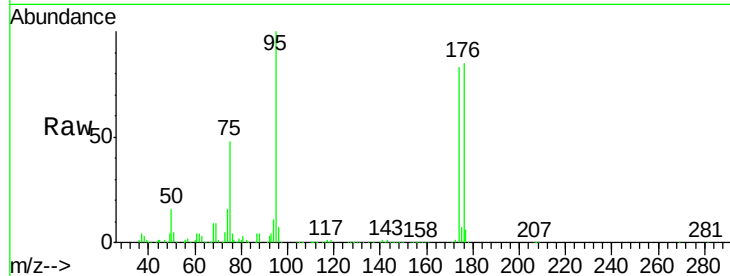
Tgt Ion: 95 Resp: 178143

Ion Ratio Lower Upper

95 100

174 86.4 0.0 163.0

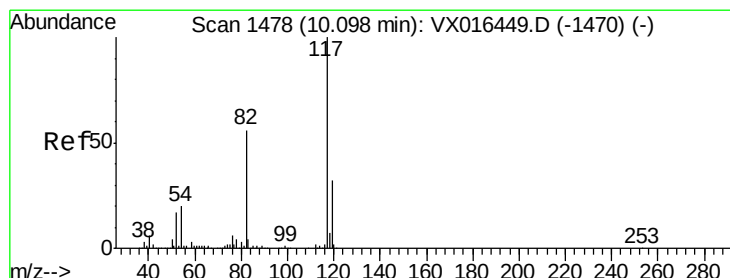
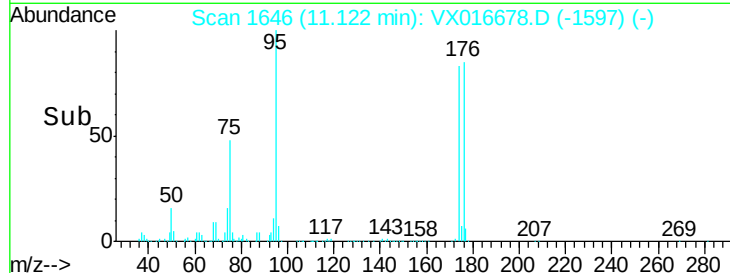
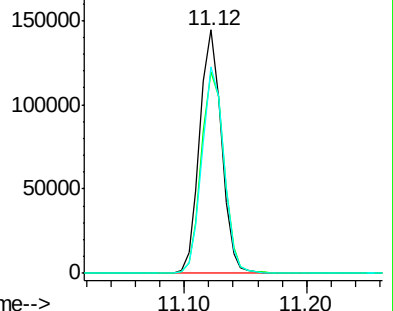
176 84.6 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016678.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016678.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016678.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

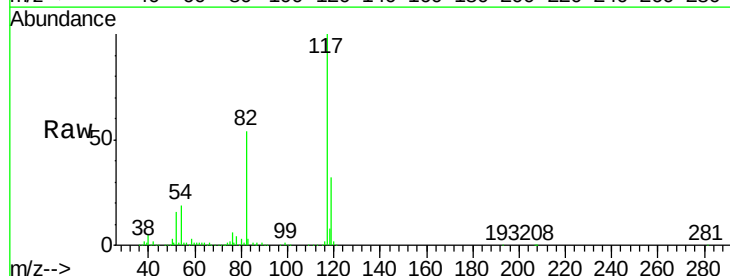
Tgt Ion: 117 Resp: 364847

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.6

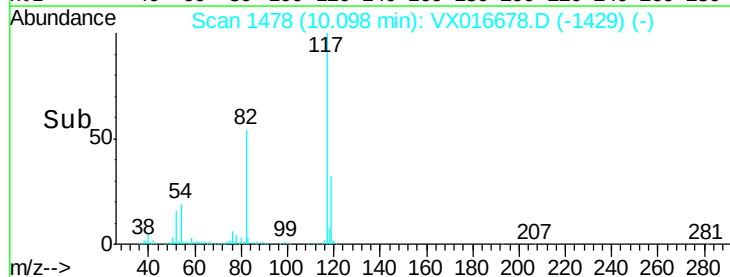
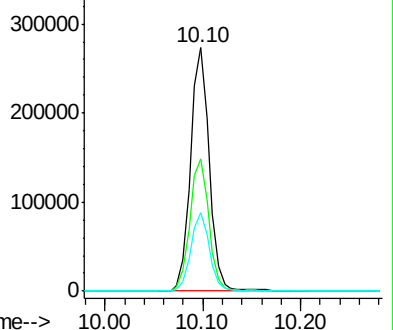
119 32.4 25.8 38.8

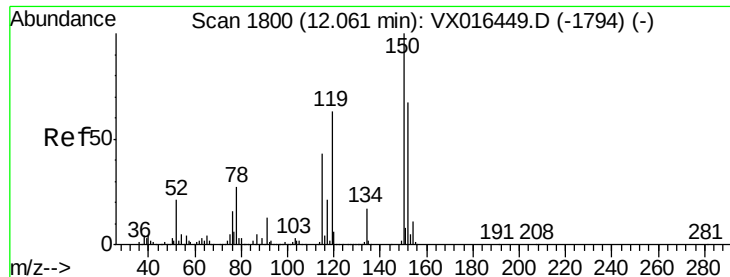


Abundance Ion 116.90 (116.60 to 117.60): VX016678.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016678.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016678.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

LF014MW130-200608

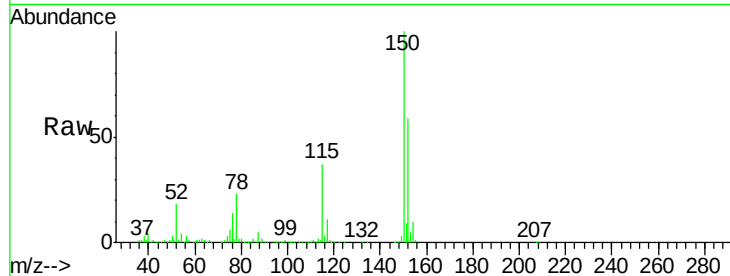
Tgt Ion: 152 Resp: 187292

Ion Ratio Lower Upper

152 100

115 57.5 39.9 119.6

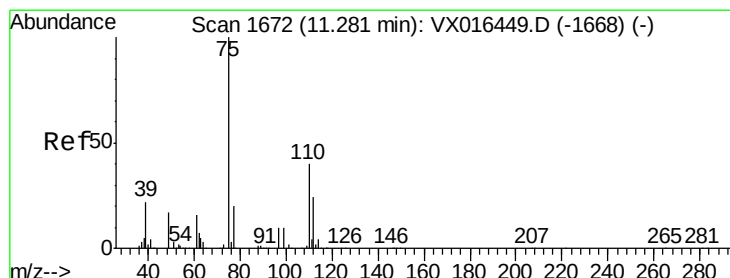
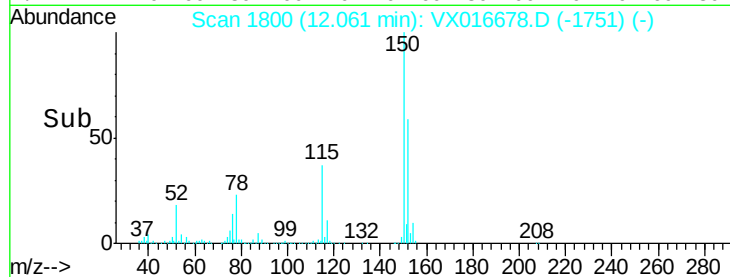
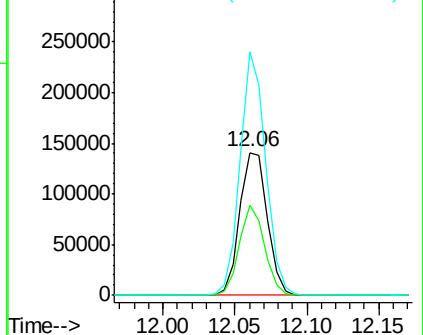
150 157.4 0.0 341.0



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: 20.98 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016678.D

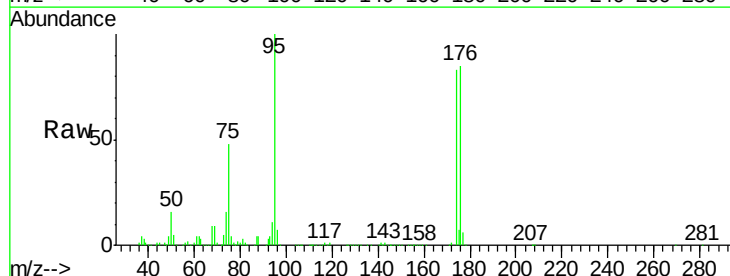
Acq: 10 Jun 2020 16:32

Tgt Ion: 75 Resp: 86358

Ion Ratio Lower Upper

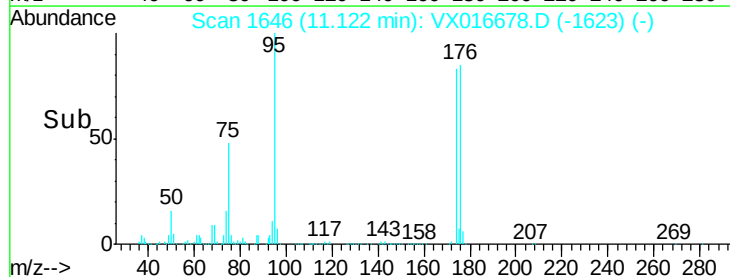
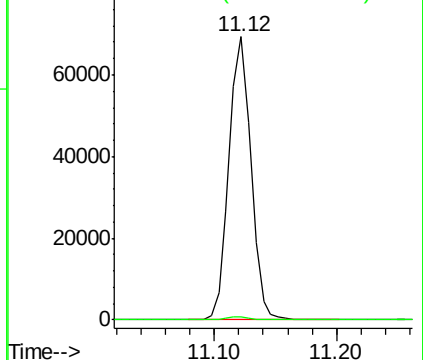
75 100

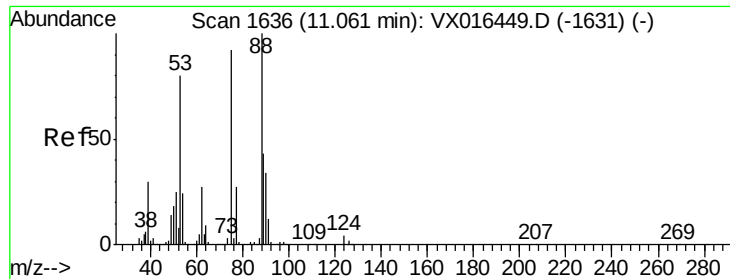
77 1.2 21.3 63.7#



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: 51.60 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

LF014MW130-200608

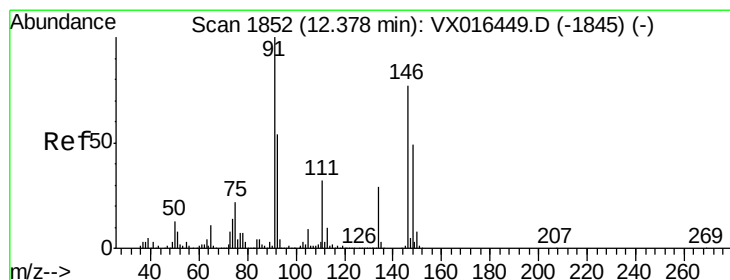
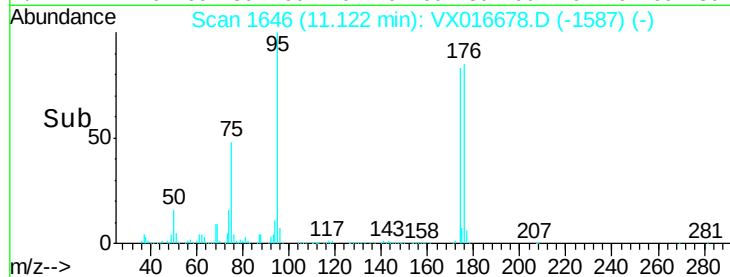
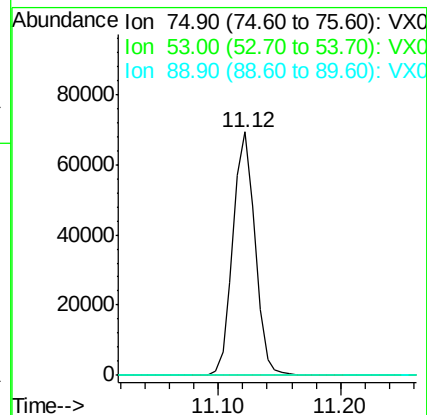
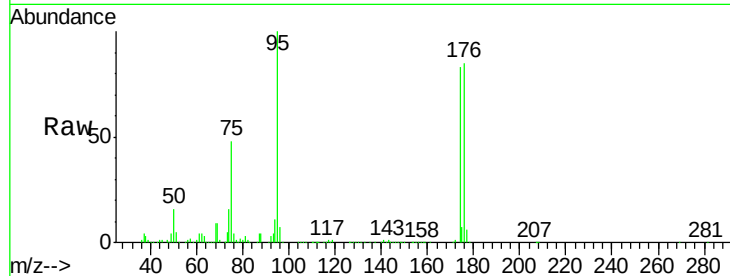
Tgt Ion: 75 Resp: 86358

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#



#91

1,2-Dichlorobenzene

Concen: 0.45 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Tgt Ion: 146 Resp: 2596

Ion Ratio Lower Upper

146 100

111 38.6 21.4 64.3

148 67.4 31.9 95.7

