

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016613.D
 Acq On : 05 Jun 2020 15:55
 Operator : JC/SP
 Sample : L2894-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW042-200602

Quant Time: Jun 06 06:01:29 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	225234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	356200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189321	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	133677	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
35) Dibromofluoromethane	5.47	113	110049	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	8.70	98	442280	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.12	95	177644	53.85	ug/l	0.00
Spiked Amount			Recovery	=	107.70%	

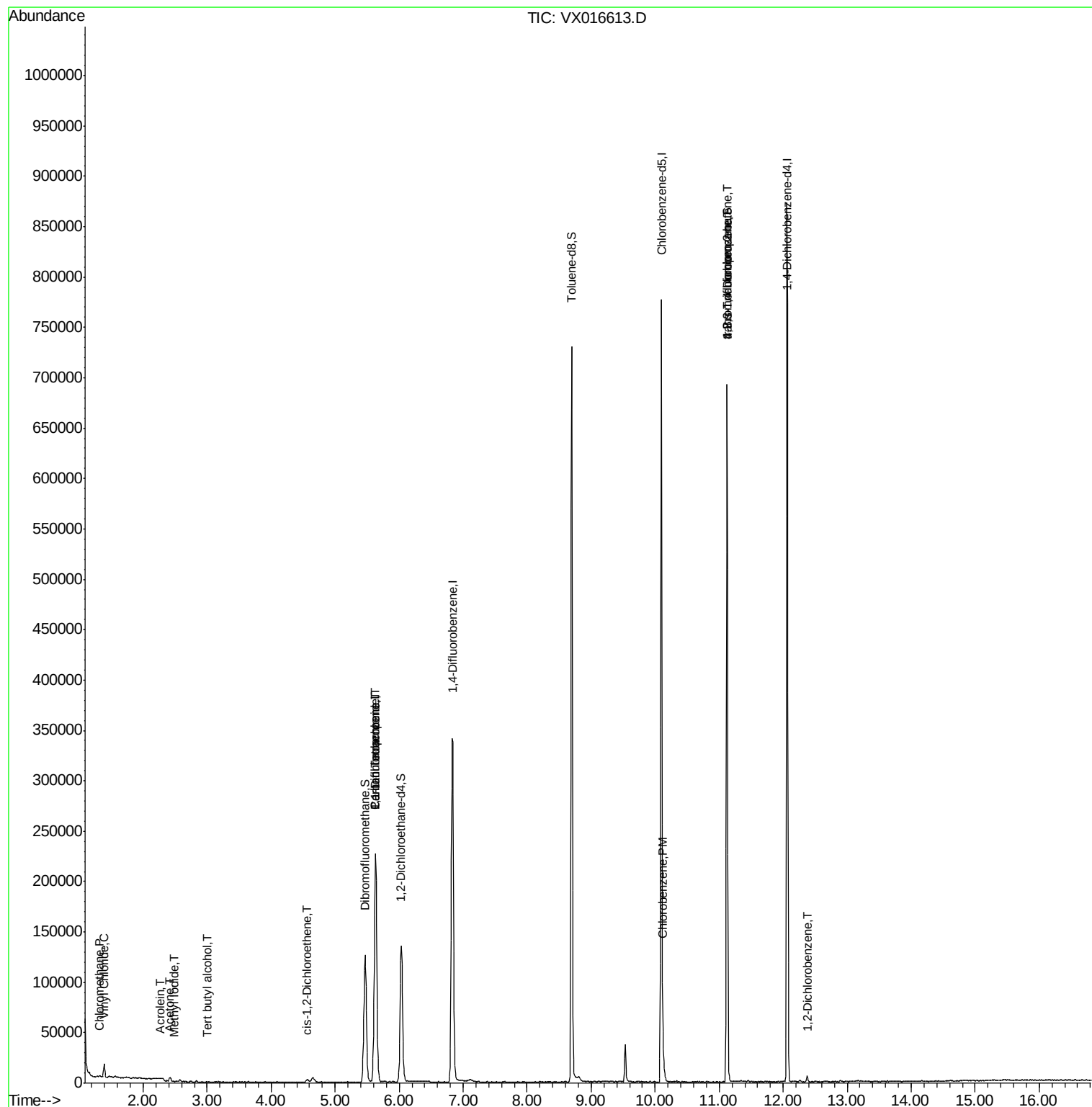
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	870	0.32	ug/l	95
4) Vinyl Chloride	1.39	62	6668	2.35	ug/l	94
10) Methyl Iodide	2.50	142	20	3.06	ug/l #	40
11) Tert butyl alcohol	3.01	59	270	0.38	ug/l #	72
13) Acrolein	2.27	56	187	0.61	ug/l #	13
16) Acetone	2.42	43	3993	3.26	ug/l #	84
27) cis-1,2-Dichloroethene	4.56	96	1715	0.62	ug/l	81
36) 1,1-Dichloropropene	5.63	75	15095	4.48	ug/l #	51
38) Carbon Tetrachloride	5.63	117	21193	5.98	ug/l #	16
65) Chlorobenzene	10.12	112	13557	1.81	ug/l	98
76) 1,2,3-Trichloropropane	11.12	75	86494	20.78	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	86494	51.13	ug/l #	14
91) 1,2-Dichlorobenzene	12.38	146	1815	0.31	ug/l	97

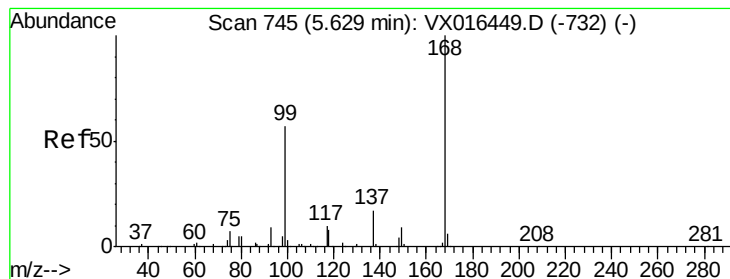
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
Data File : VX016613.D
Acq On : 05 Jun 2020 15:55
Operator : JC/SP
Sample : L2894-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF012RW042-200602

Quant Time: Jun 06 06:01:29 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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

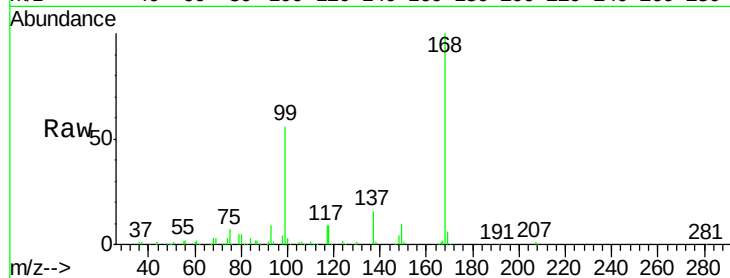
LF012RW042-200602

Tgt Ion:168 Resp: 225234

Ion Ratio Lower Upper

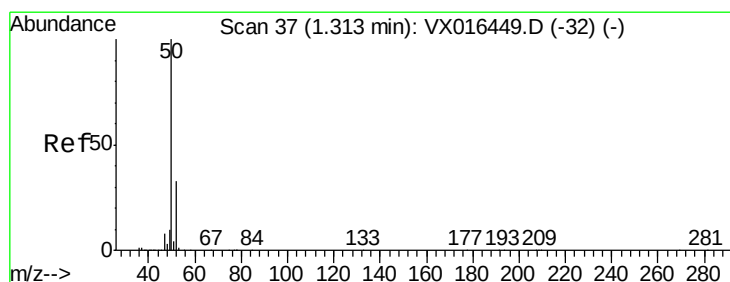
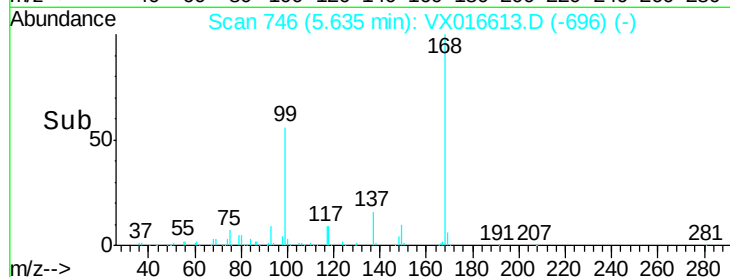
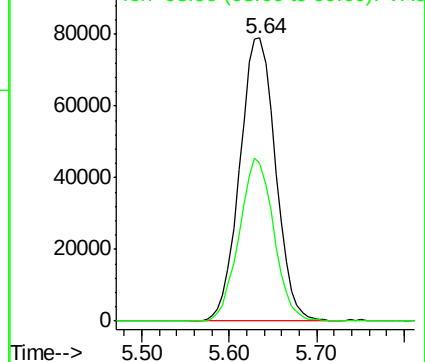
168 100

99 55.7 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: 0.32 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016613.D

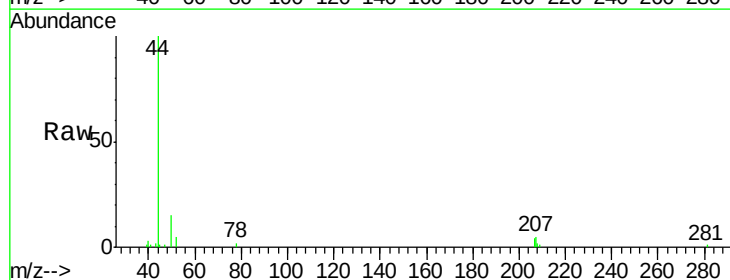
Acq: 05 Jun 2020 15:55

Tgt Ion: 50 Resp: 870

Ion Ratio Lower Upper

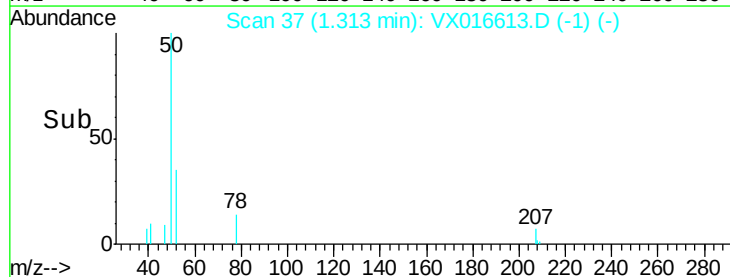
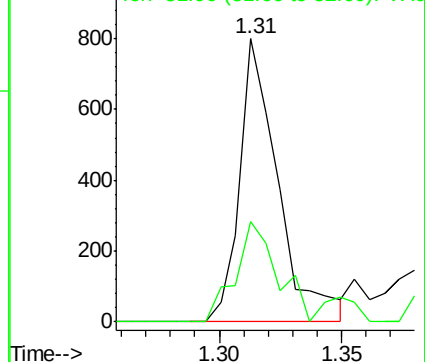
50 100

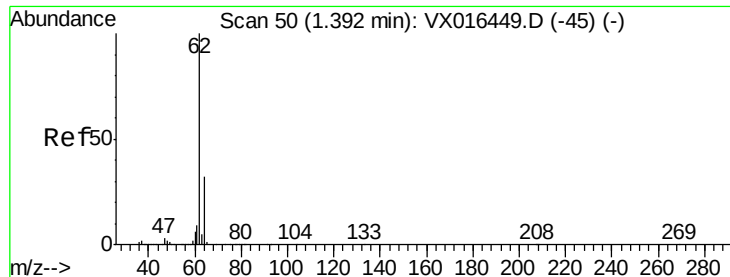
52 35.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.35 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

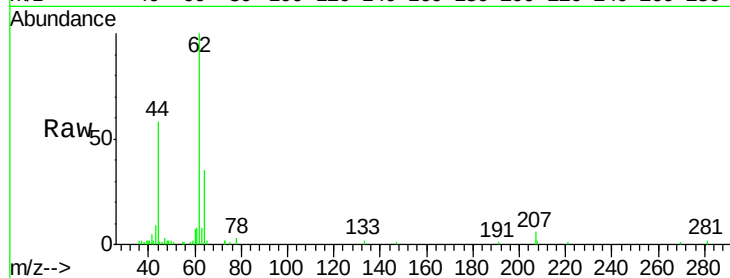
LF012RW042-200602

Tgt Ion: 62 Resp: 6668

Ion Ratio Lower Upper

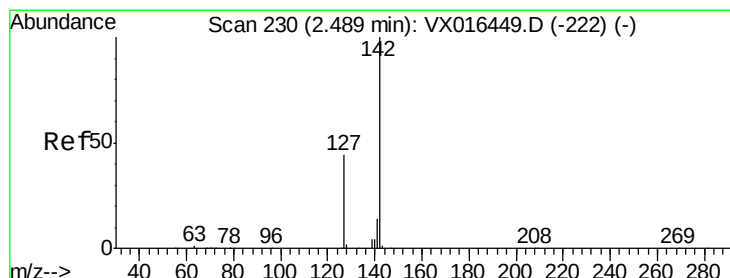
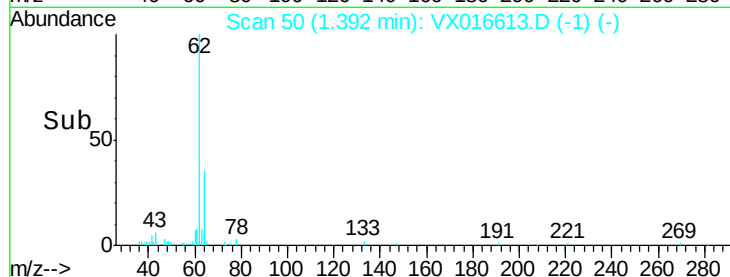
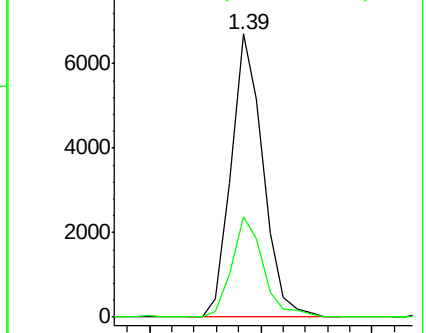
62 100

64 35.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#10

Methyl Iodide

Concen: 3.06 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

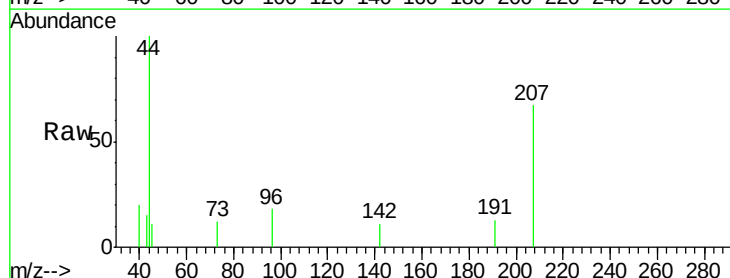
Tgt Ion: 142 Resp: 20

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

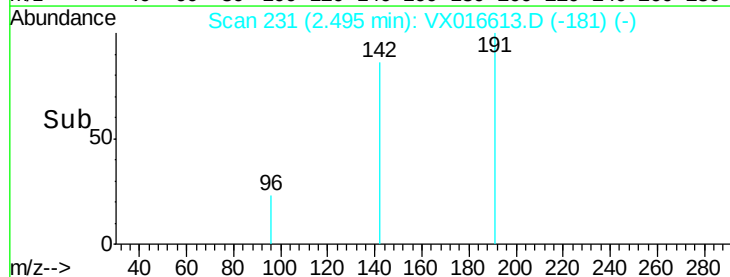
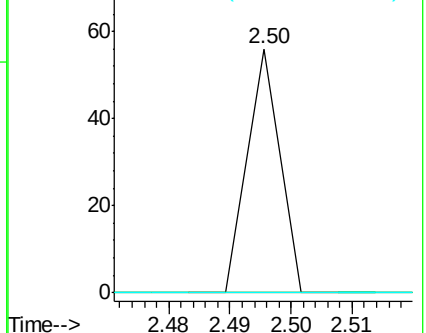
141 0.0 11.4 17.2#

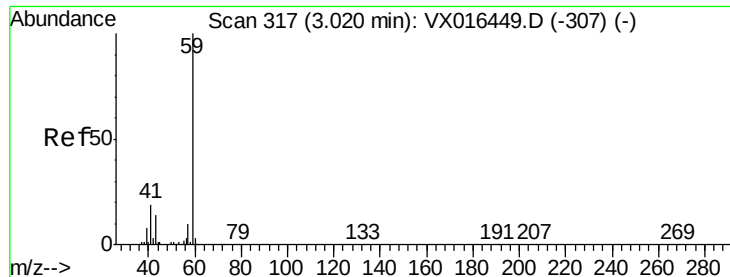


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

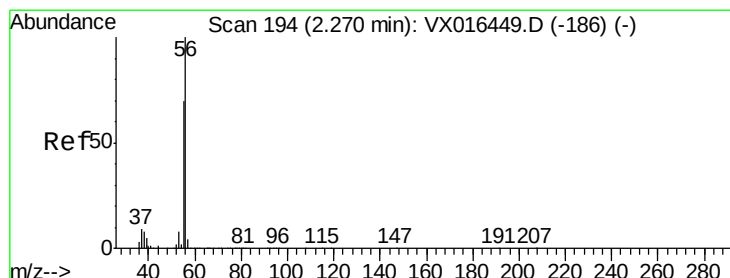
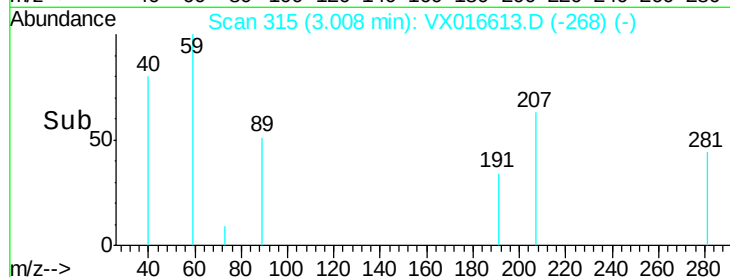
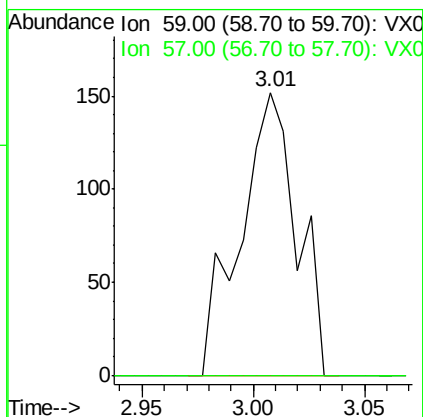
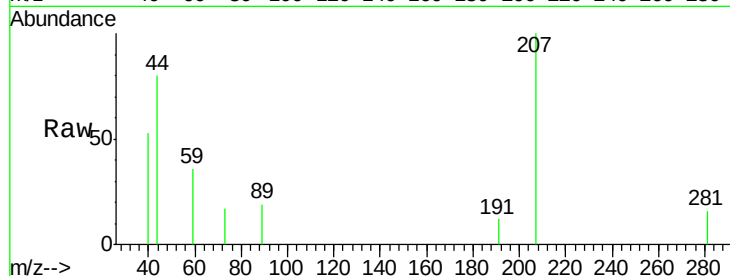




#11
Tert butyl alcohol
Concen: 0.38 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016613.D
Acq: 05 Jun 2020 15:55

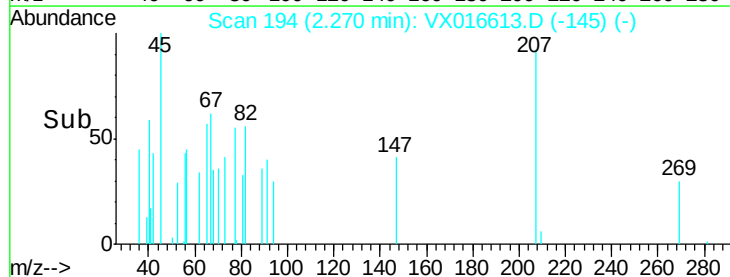
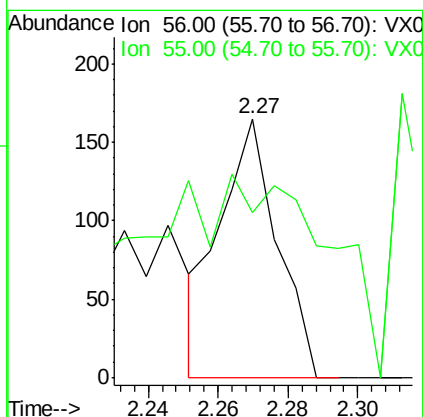
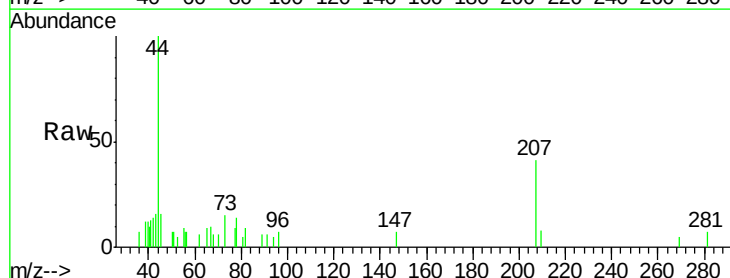
Instrument :
MSVOA_X
ClientSampleId :
LF012RW042-200602

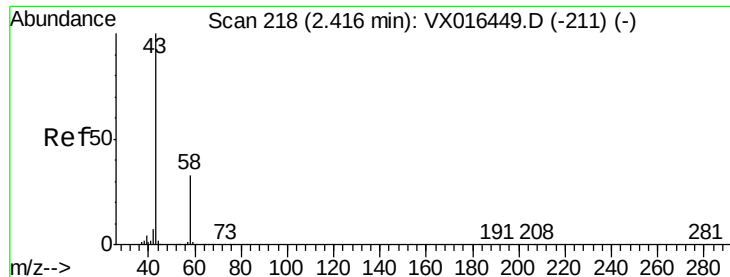
Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.61 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016613.D
Acq: 05 Jun 2020 15:55

Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 0.0 58.3 87.5#





#16

Acetone

Concen: 3.26 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

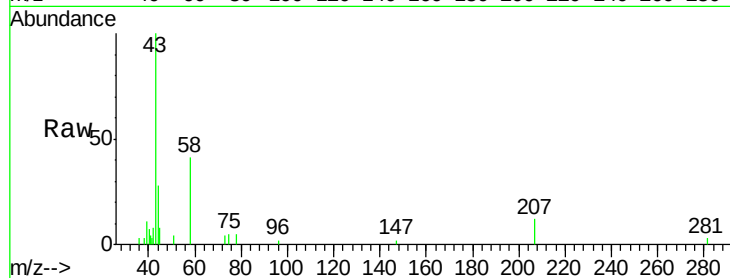
LF012RW042-200602

Tgt Ion: 43 Resp: 3993

Ion Ratio Lower Upper

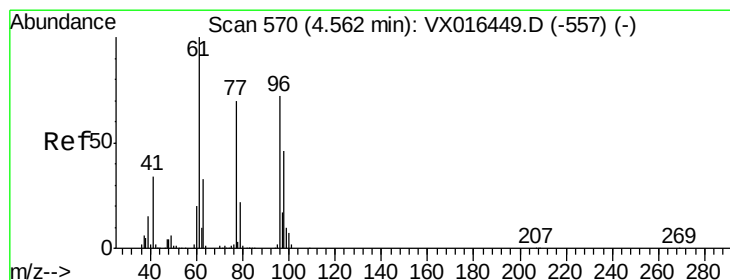
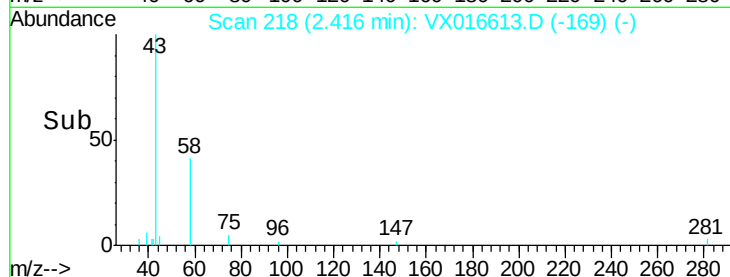
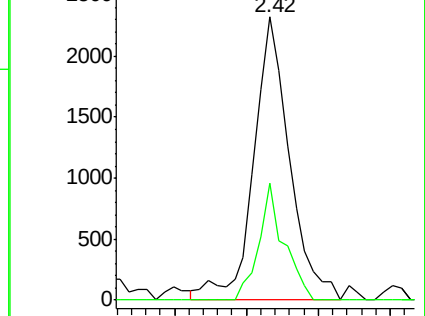
43 100

58 41.4 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: 0.62 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

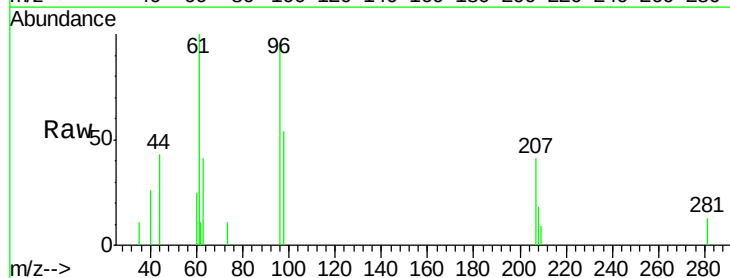
Tgt Ion: 96 Resp: 1715

Ion Ratio Lower Upper

96 100

61 114.0 0.0 284.6

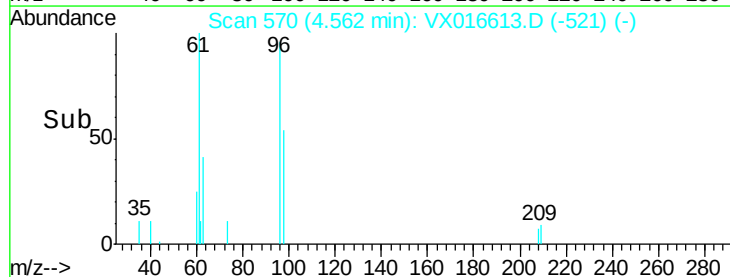
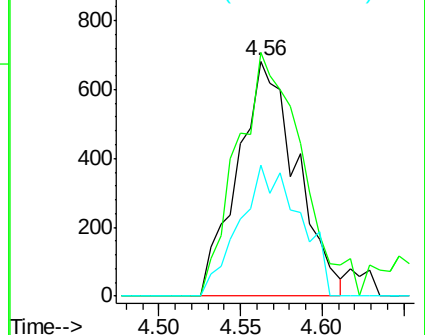
98 56.9 0.0 127.2

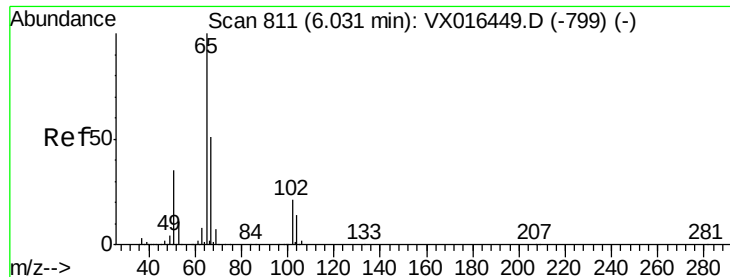


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

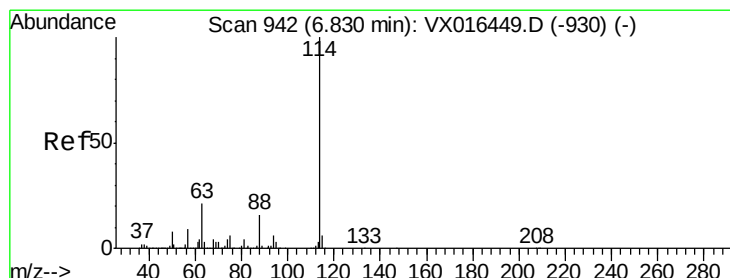
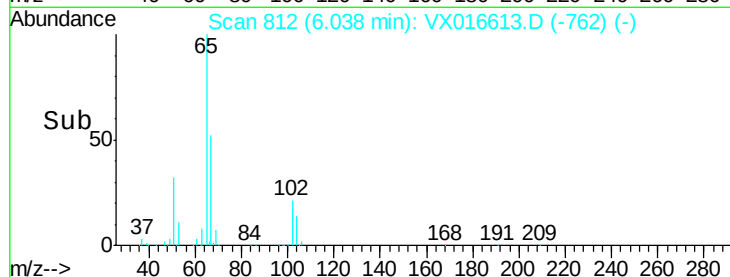
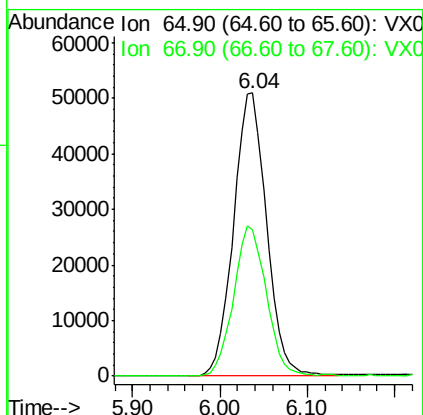
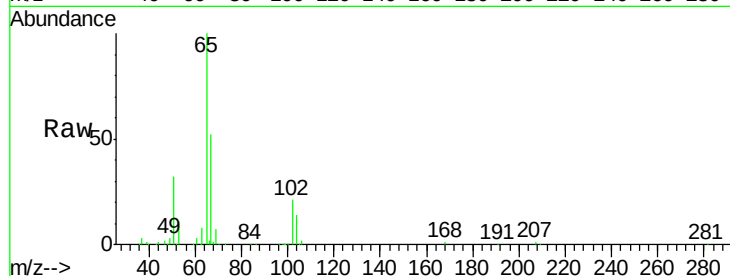




#33
 1,2-Dichloroethane-d4
 Concen: 47.79 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016613.D
 Acq: 05 Jun 2020 15:55

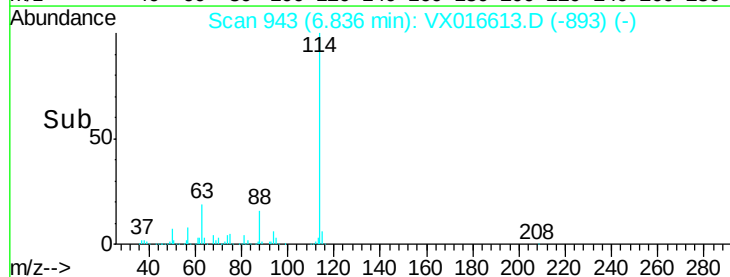
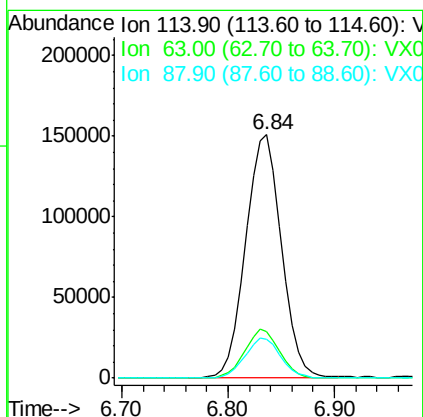
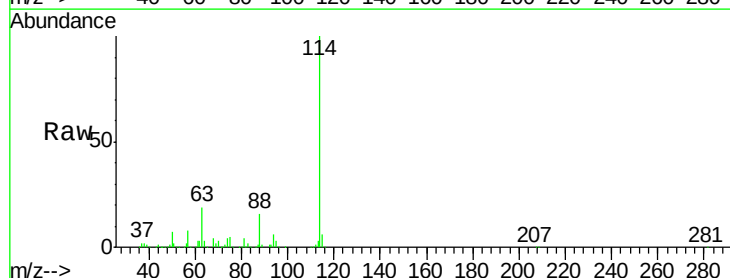
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW042-200602

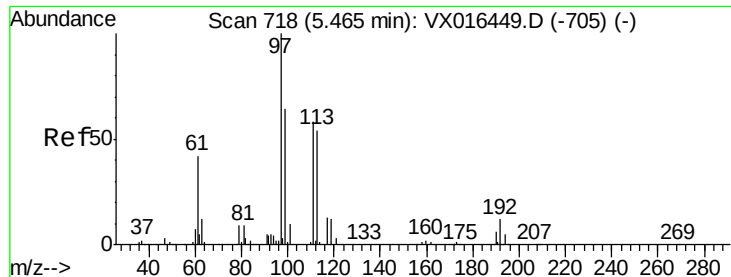
Tgt Ion: 65 Resp: 133677
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016613.D
 Acq: 05 Jun 2020 15:55

Tgt Ion: 114 Resp: 356200
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.6
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.18 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF012RW042-200602

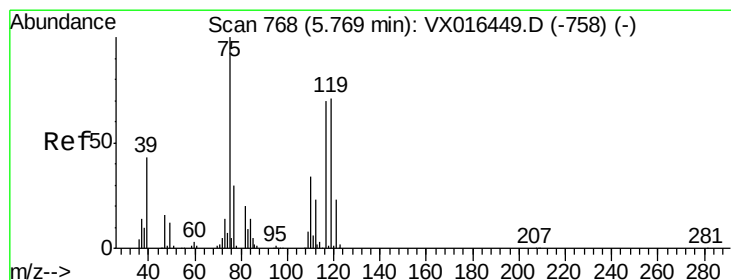
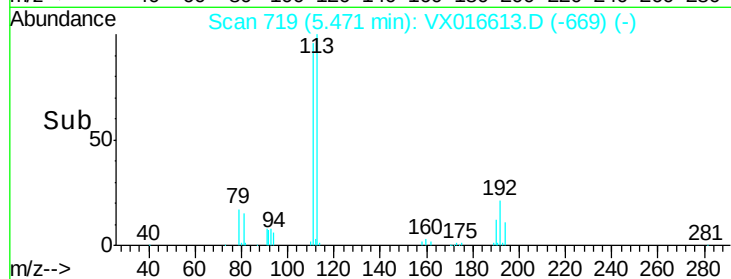
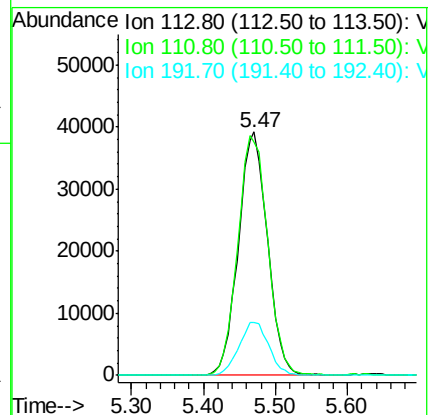
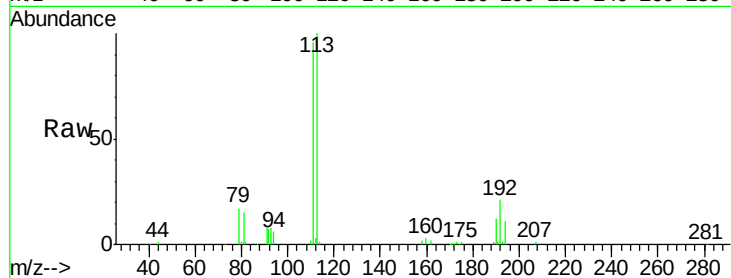
Tgt Ion:113 Resp: 110049

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

192 22.4 17.7 26.5



#36

1,1-Dichloropropene

Concen: 4.48 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

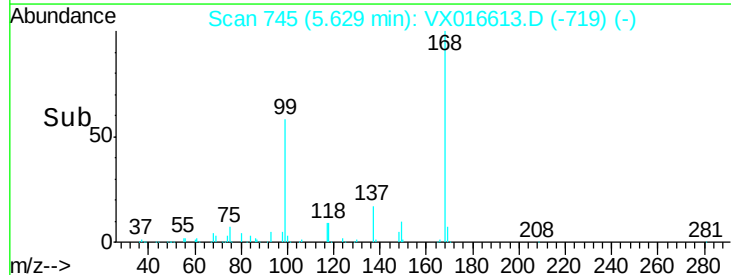
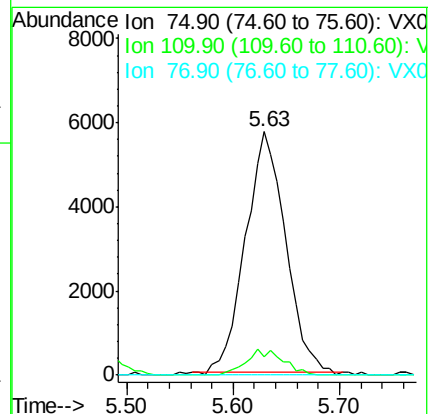
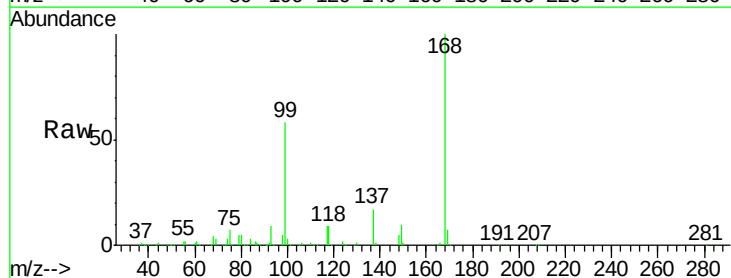
Tgt Ion: 75 Resp: 15095

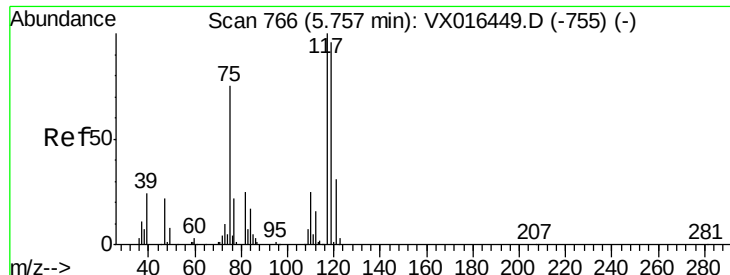
Ion Ratio Lower Upper

75 100

110 9.8 17.4 52.3#

77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 5.98 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF012RW042-200602

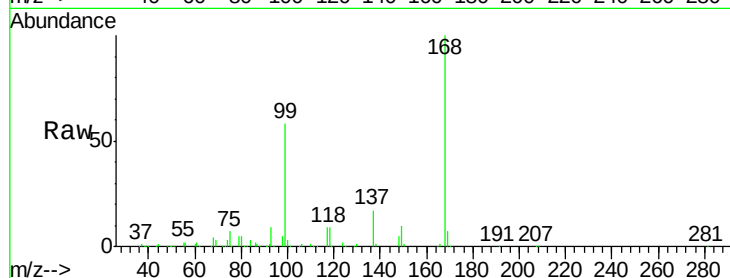
Tgt Ion:117 Resp: 21193

Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

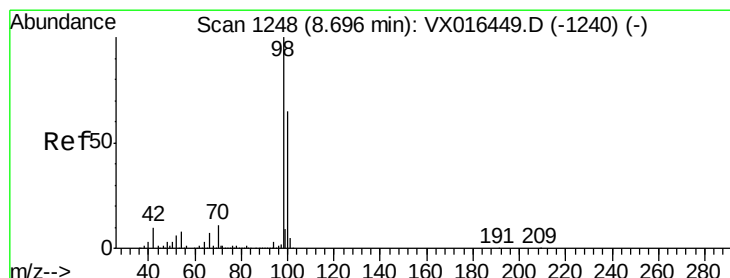
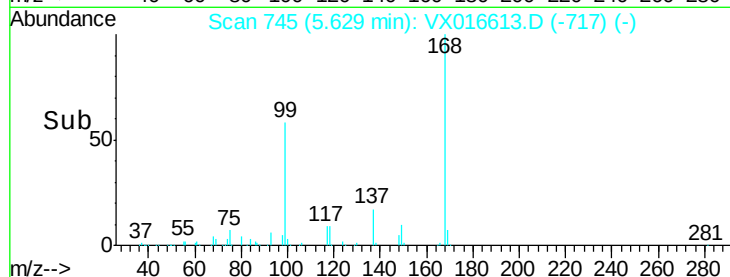
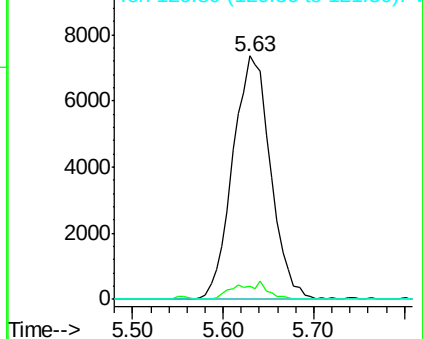
121 0.0 24.6 37.0#



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: 51.81 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016613.D

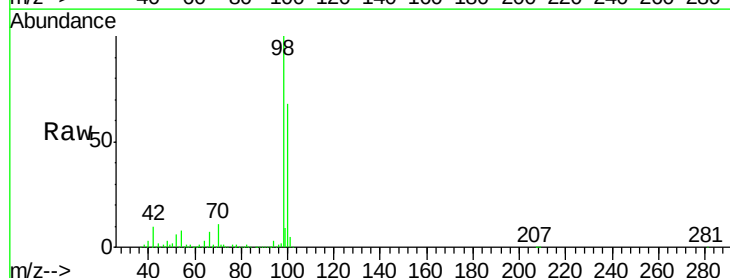
Acq: 05 Jun 2020 15:55

Tgt Ion: 98 Resp: 442280

Ion Ratio Lower Upper

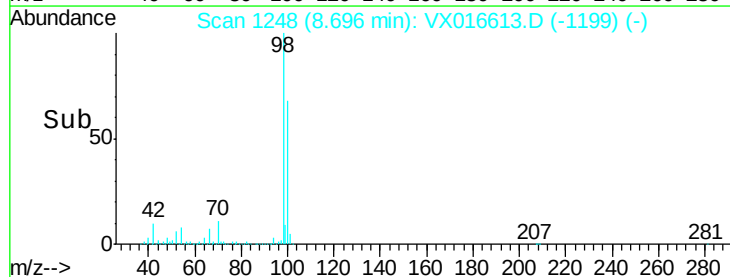
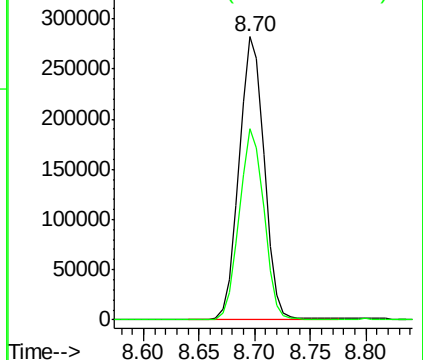
98 100

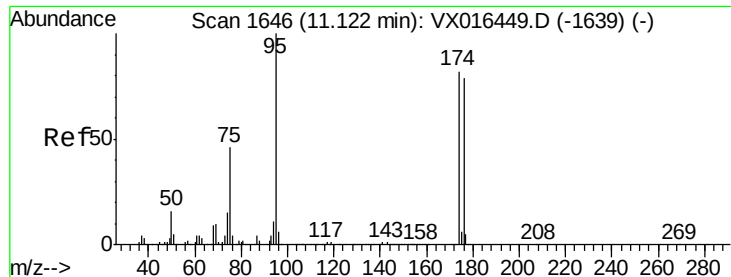
100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.85 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF012RW042-200602

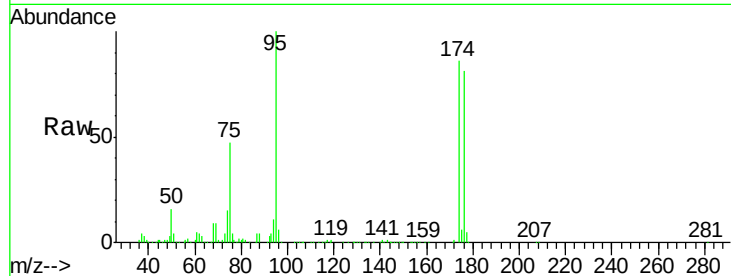
Tgt Ion: 95 Resp: 177644

Ion Ratio Lower Upper

95 100

174 87.3 0.0 163.0

176 84.2 0.0 156.8

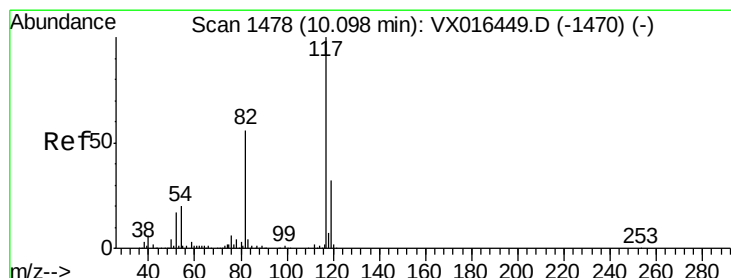
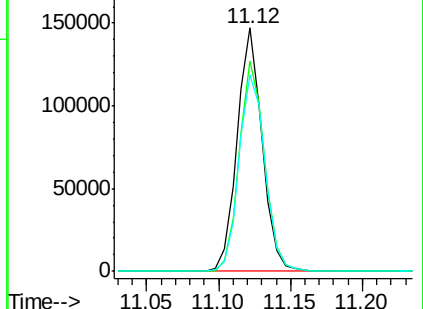
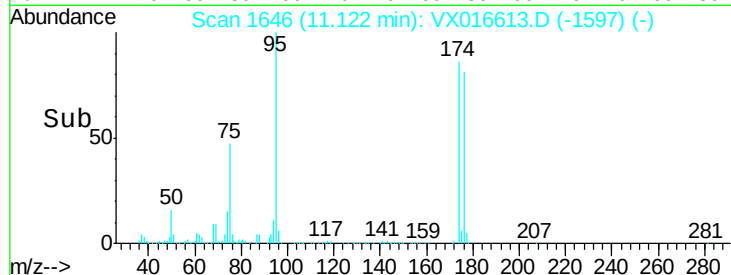


Abundance Ion 94.90 (94.60 to 95.60): VX016613.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016613.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016613.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

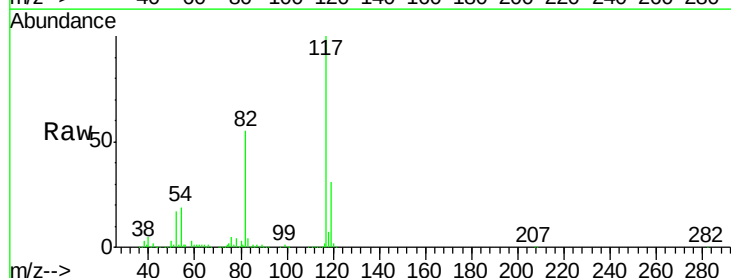
Tgt Ion: 117 Resp: 366723

Ion Ratio Lower Upper

117 100

82 54.6 45.0 67.6

119 31.4 25.8 38.8

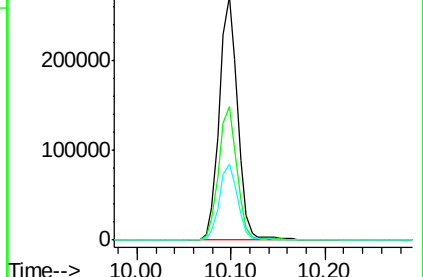
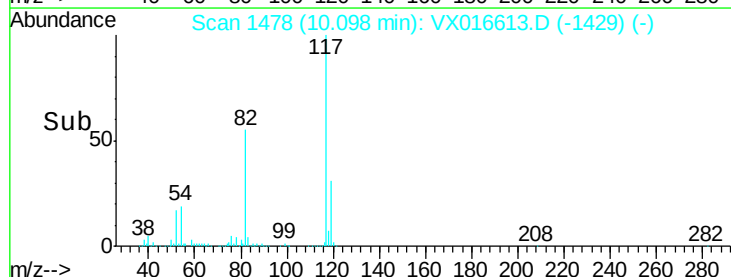


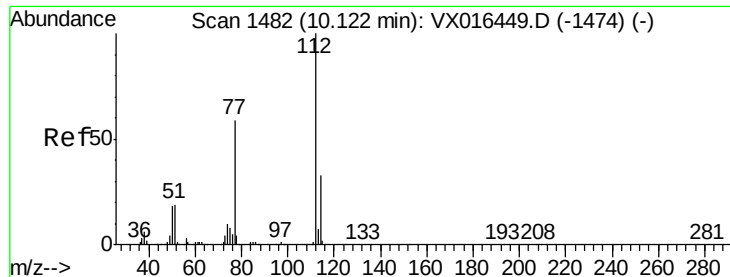
Abundance Ion 116.90 (116.60 to 117.60): VX016613.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016613.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016613.D (-1429) (-)

Time-->

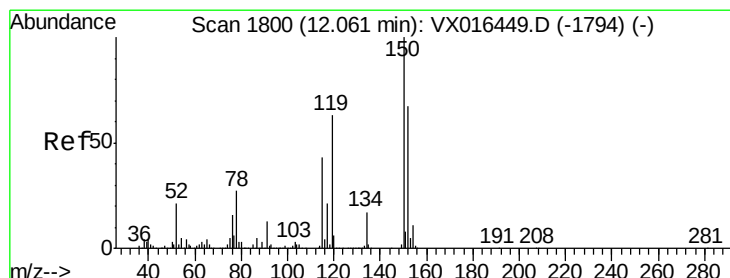
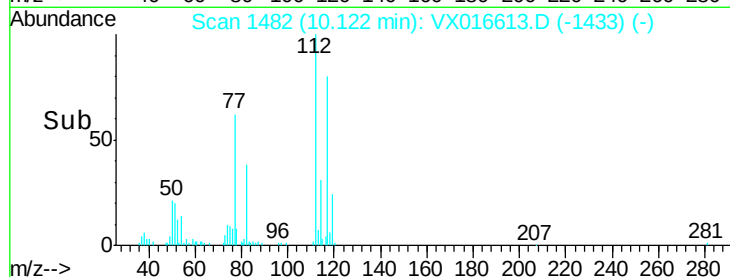
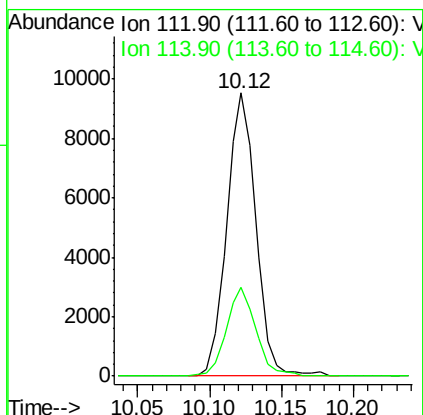
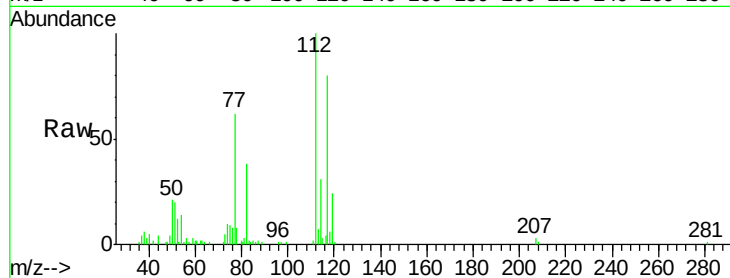




#65
Chlorobenzene
Concen: 1.81 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016613.D
Acq: 05 Jun 2020 15:55

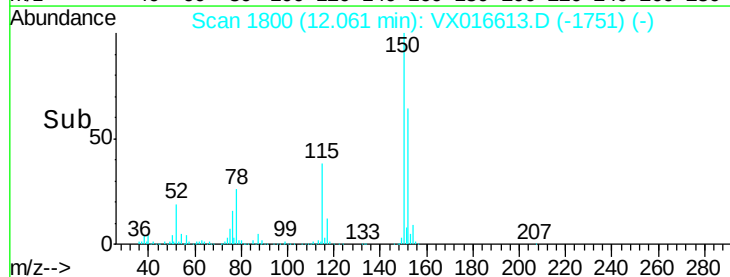
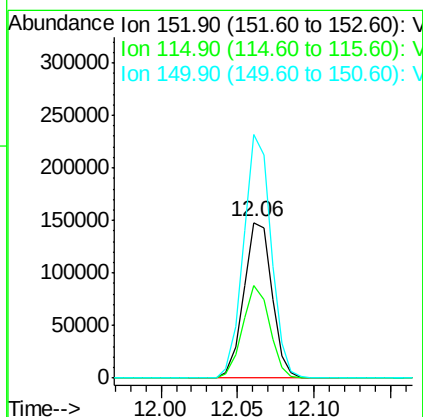
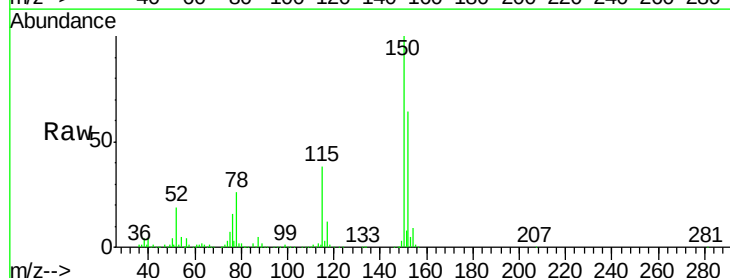
Instrument :
MSVOA_X
ClientSampleId :
LF012RW042-200602

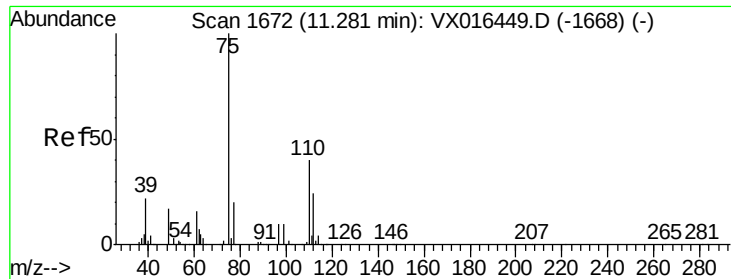
Tgt Ion:112 Resp: 13557
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016613.D
Acq: 05 Jun 2020 15:55

Tgt Ion:152 Resp: 189321
Ion Ratio Lower Upper
152 100
115 57.4 39.9 119.6
150 153.1 0.0 341.0

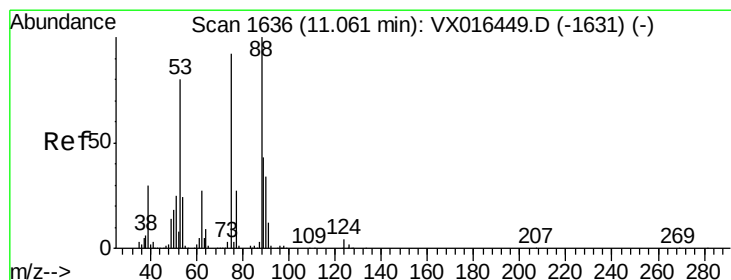
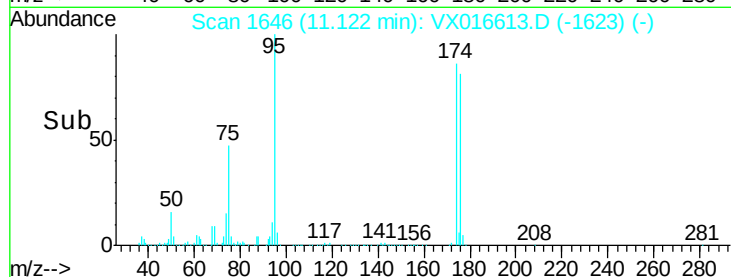
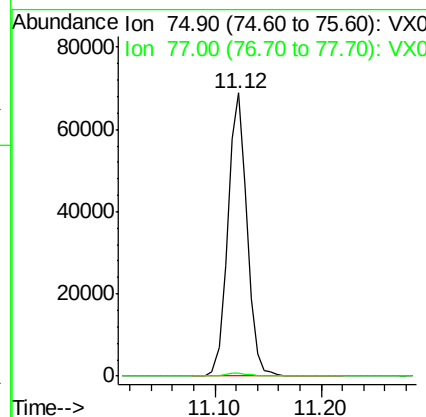
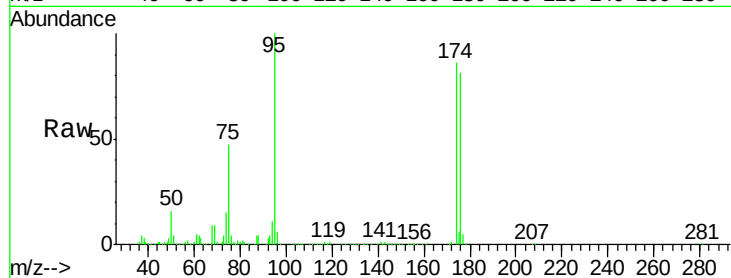




#76
 1,2,3-Trichloropropane
 Concen: 20.78 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016613.D
 Acq: 05 Jun 2020 15:55

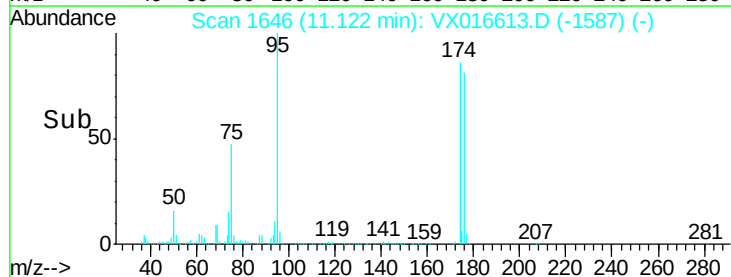
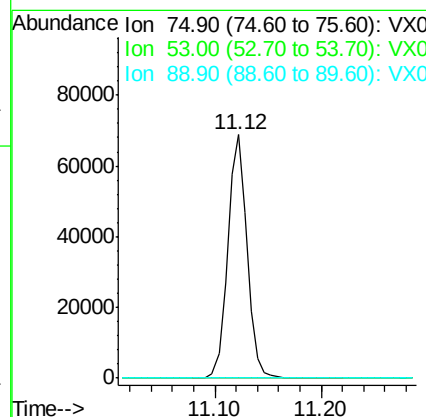
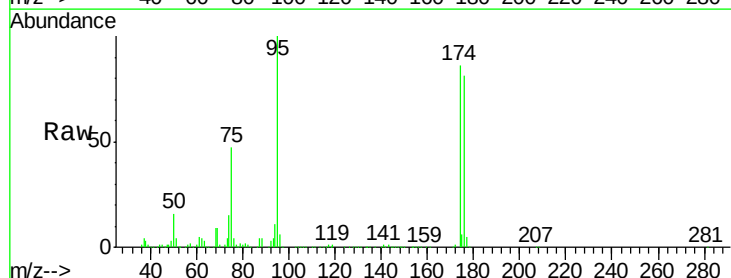
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW042-200602

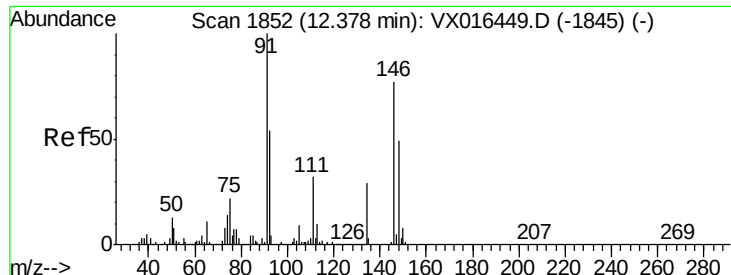
Tgt Ion: 75 Resp: 86494
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.3 63.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.13 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016613.D
 Acq: 05 Jun 2020 15:55

Tgt Ion: 75 Resp: 86494
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.3 106.9#
 89 0.1 36.6 55.0#





#91

1,2-Dichlorobenzene

Concen: 0.31 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016613.D

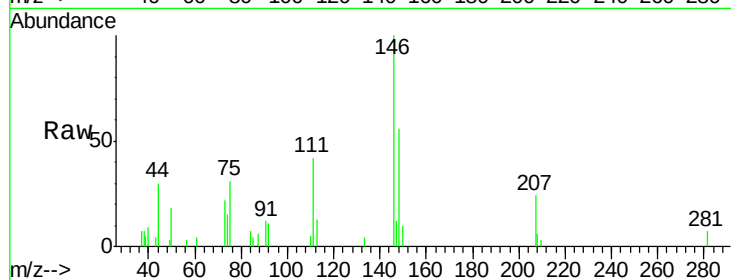
Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF012RW042-200602



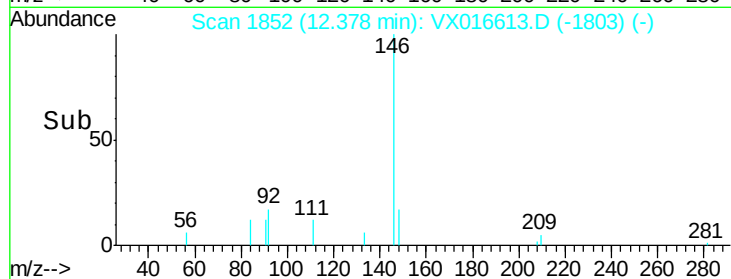
Tgt Ion:146 Resp: 1815

Ion Ratio Lower Upper

146 100

111 47.1 21.4 64.3

148 64.7 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

