

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016881.D
 Acq On : 19 Jun 2020 15:52
 Operator : JC/SP
 Sample : L3032-03DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW100-200616DL

Quant Time: Jun 22 03:34:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

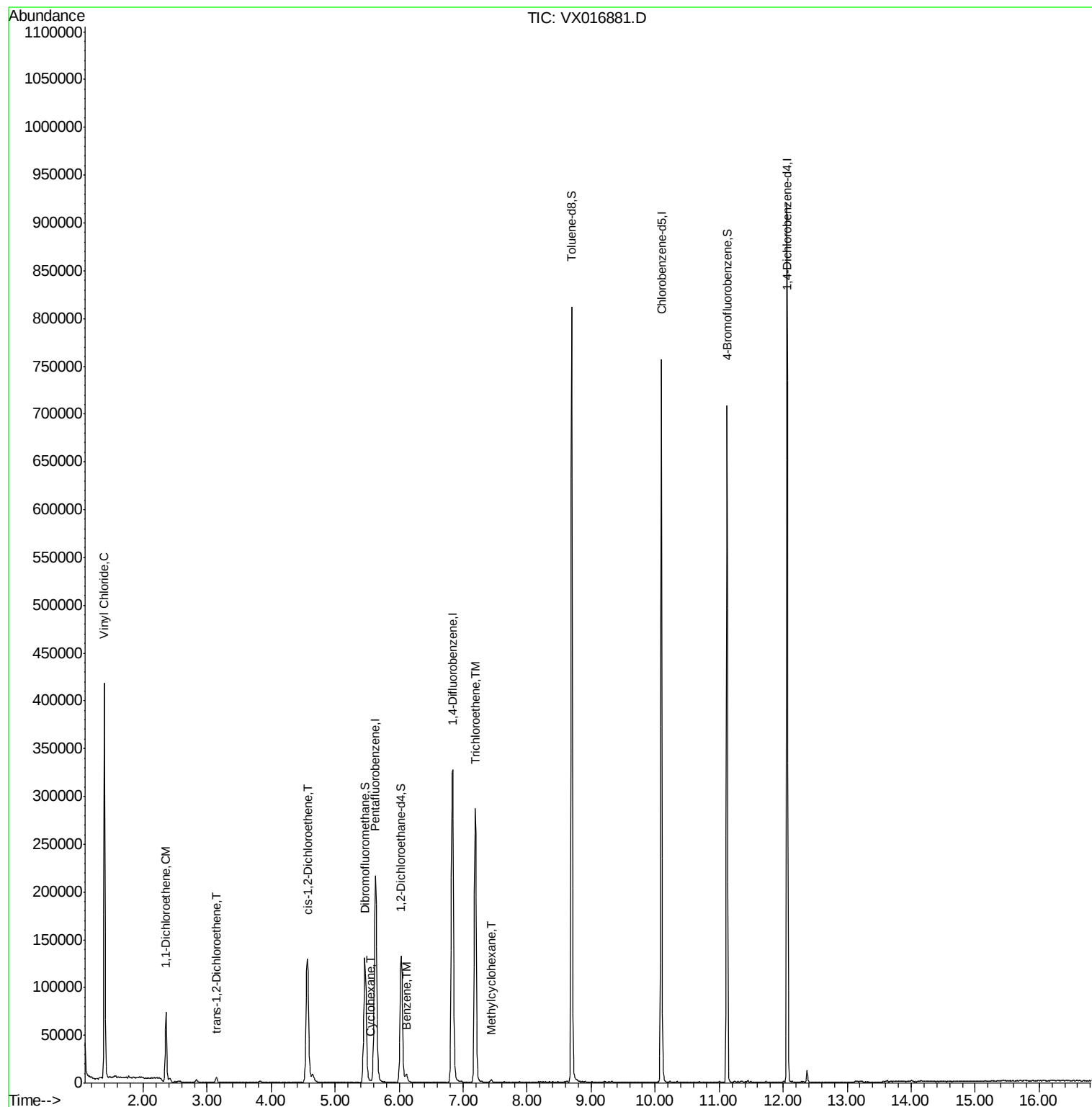
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	352109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	359549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130825	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	5.46	113	111113	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.70	98	489475	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
62) 4-Bromofluorobenzene	11.12	95	182979	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
Target Compounds						
4) Vinyl Chloride	1.39	62	272345	88.045	ug/l	98
12) 1,1-Dichloroethene	2.36	96	25990	11.027	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	2250	1.011	ug/l #	91
27) cis-1,2-Dichloroethene	4.57	96	88381	35.343	ug/l	91
31) Cyclohexane	5.56	56	1200	0.366	ug/l #	79
39) Methylcyclohexane	7.45	83	1205	0.319	ug/l #	72
40) Benzene	6.11	78	8912	0.914	ug/l	99
44) Trichloroethene	7.19	130	117505	39.331	ug/l	99

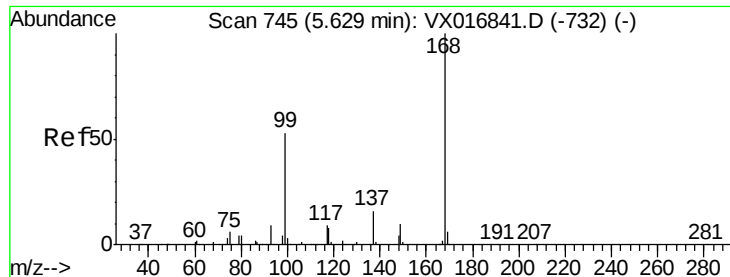
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 03:34:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 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: VX016881.D

Acq: 19 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

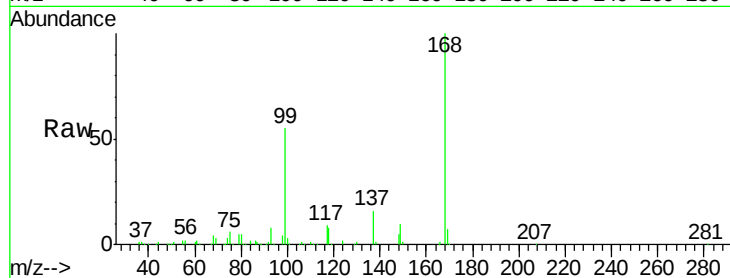
LF015MW100-200616DL

Tot Ion:168 Resp: 220556

Ion Ratio Lower Upper

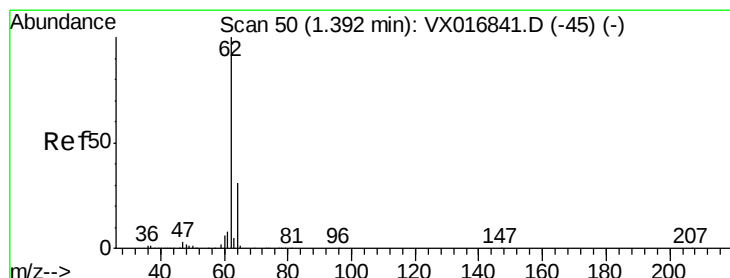
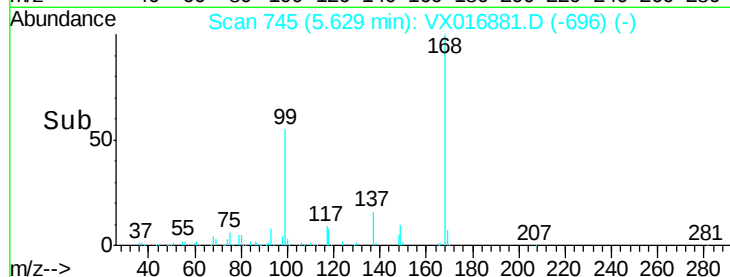
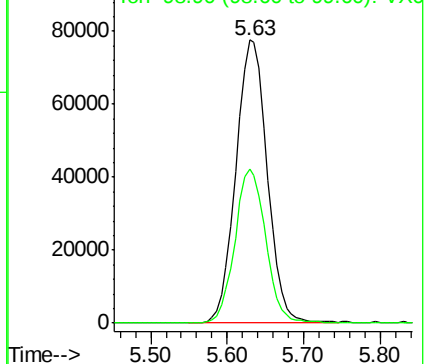
168 100

99 54.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 88.045 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016881.D

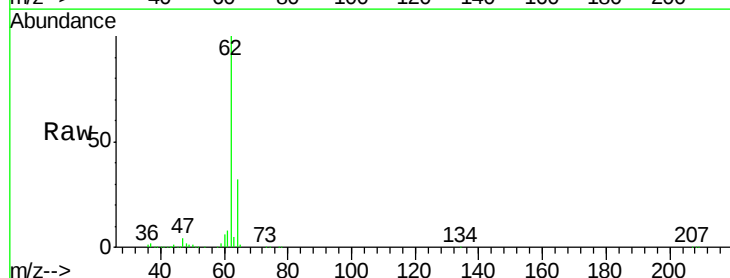
Acq: 19 Jun 2020 15:52

Tgt Ion: 62 Resp: 272345

Ion Ratio Lower Upper

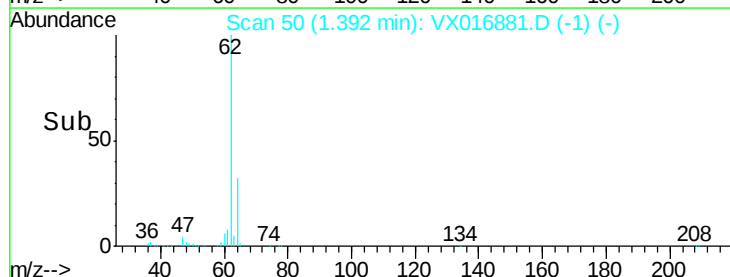
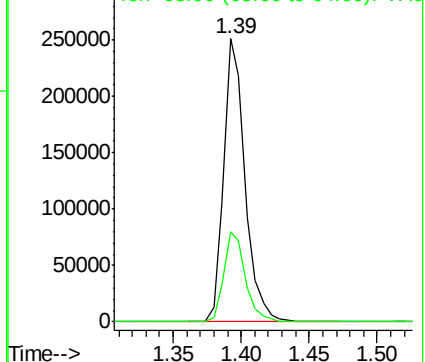
62 100

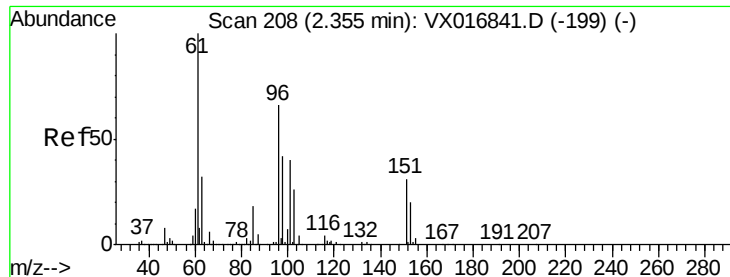
64 32.0 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 11.027 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

LF015MW100-200616DL

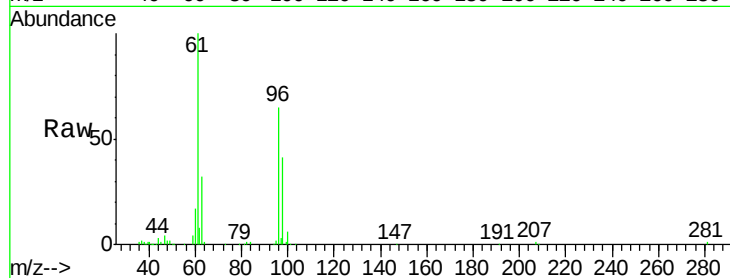
Tot Ion: 96 Resp: 25990

Ion Ratio Lower Upper

96 100

61 153.1 121.7 182.5

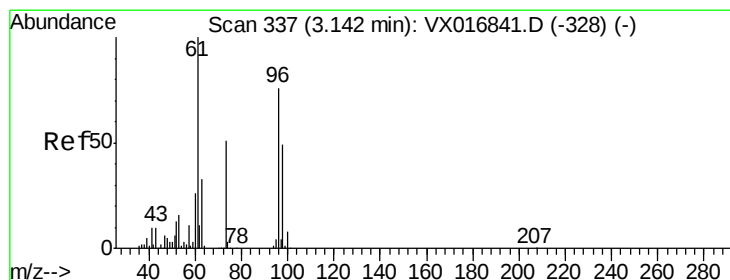
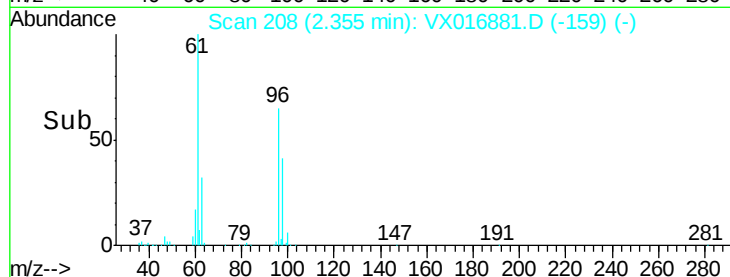
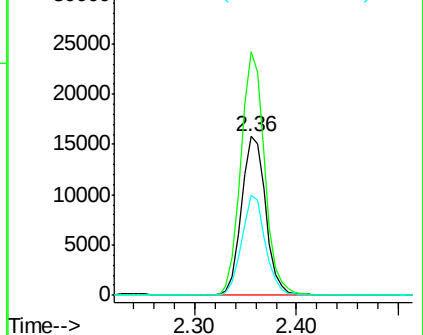
98 63.4 51.1 76.7



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



#21

trans-1,2-Dichloroethene

Concen: 1.011 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

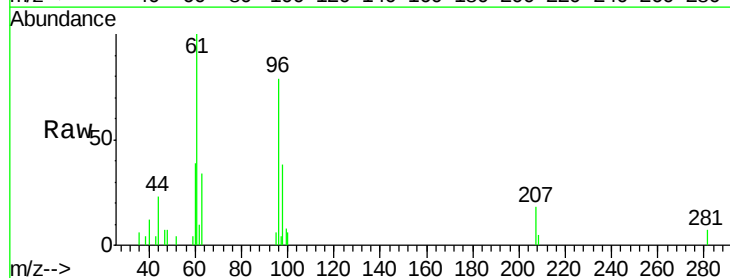
Tgt Ion: 96 Resp: 2250

Ion Ratio Lower Upper

96 100

61 127.1 105.4 158.0

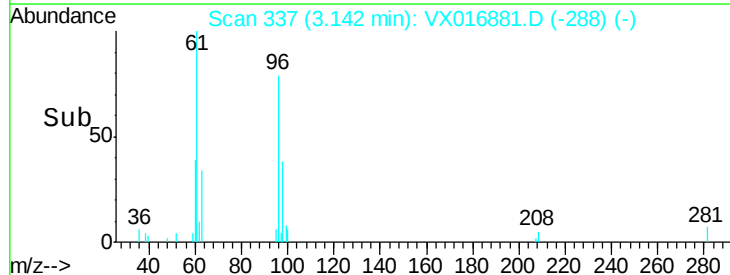
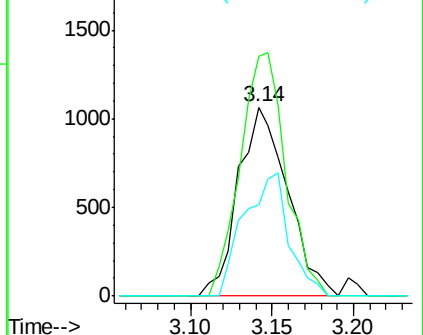
98 48.1 51.3 76.9#

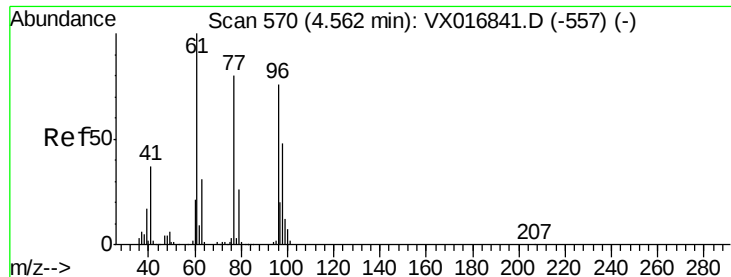


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



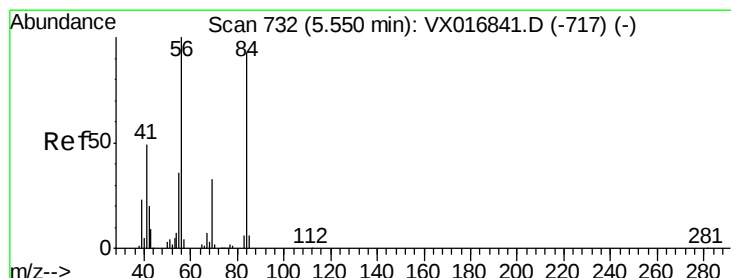
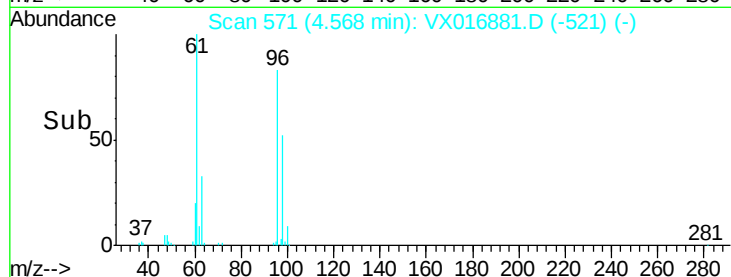
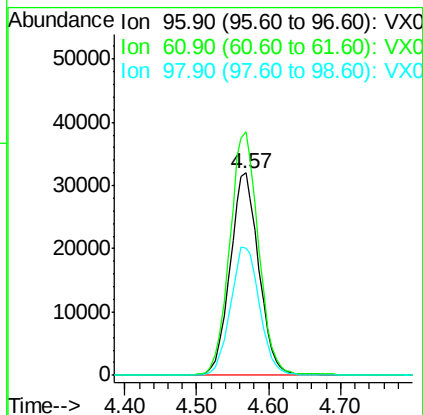
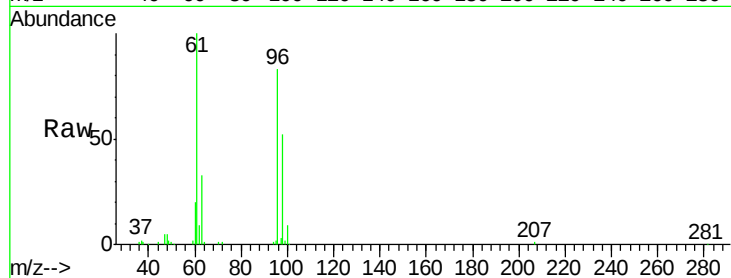


#27

cis-1,2-Dichloroethene
Concen: 35.343 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016881.D
Acq: 19 Jun 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616DL

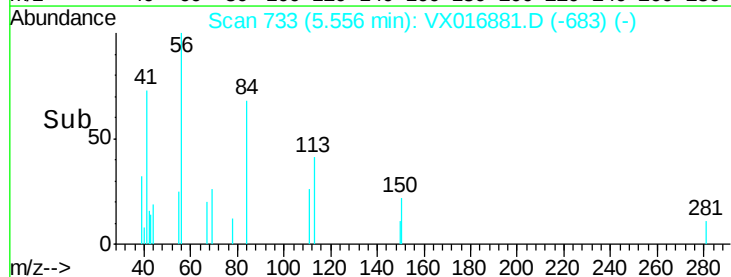
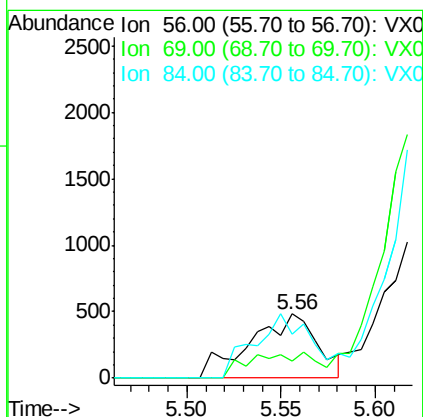
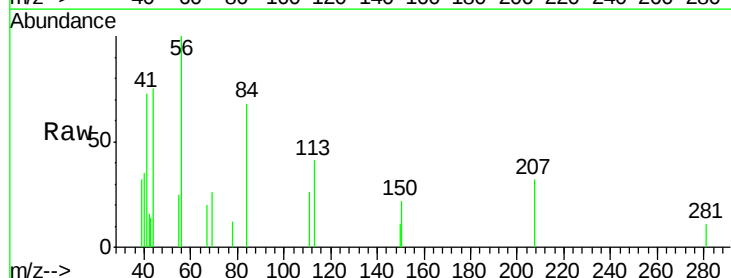
Tot Ion: 96 Resp: 88381
Ion Ratio Lower Upper
96 100
61 120.7 0.0 273.8
98 64.2 0.0 129.0

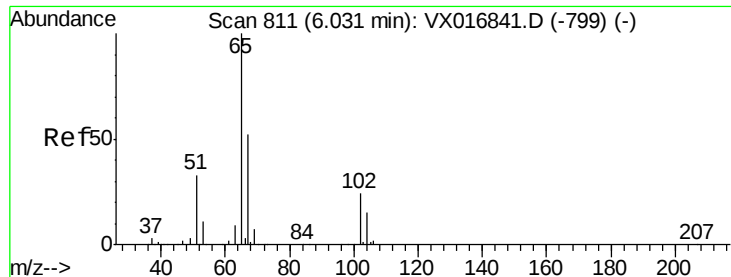


#31

Cyclohexane
Concen: 0.366 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016881.D
Acq: 19 Jun 2020 15:52

Tgt Ion: 56 Resp: 1200
Ion Ratio Lower Upper
56 100
69 25.9 26.1 39.1#
84 67.8 73.0 109.6#





#33

1,2-Dichloroethane-d4

Concen: 49.320 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

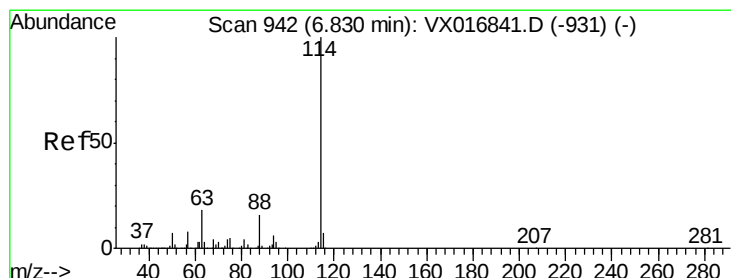
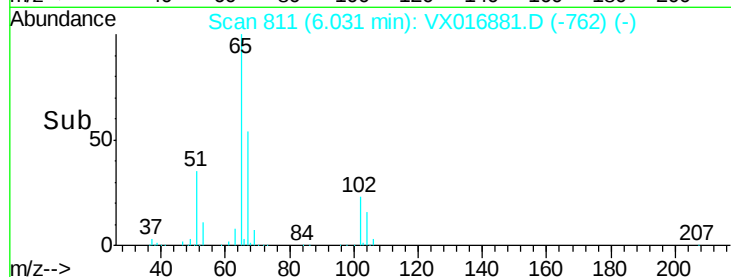
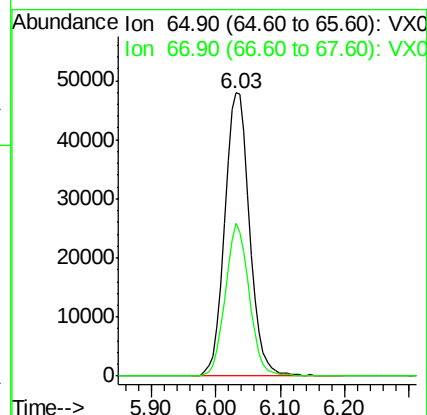
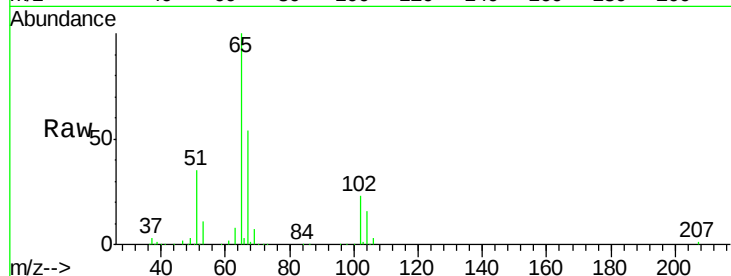
LF015MW100-200616DL

Tot Ion: 65 Resp: 130825

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

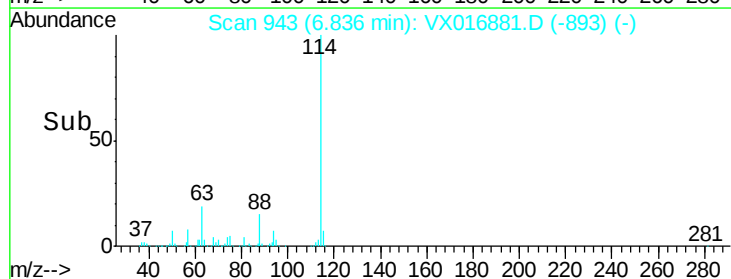
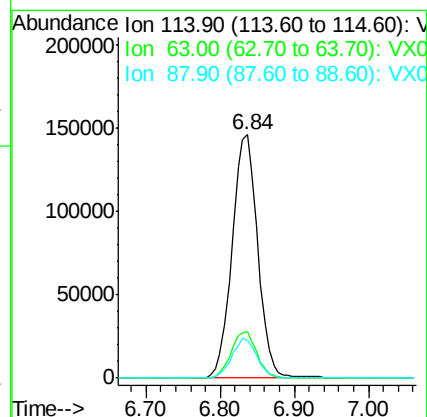
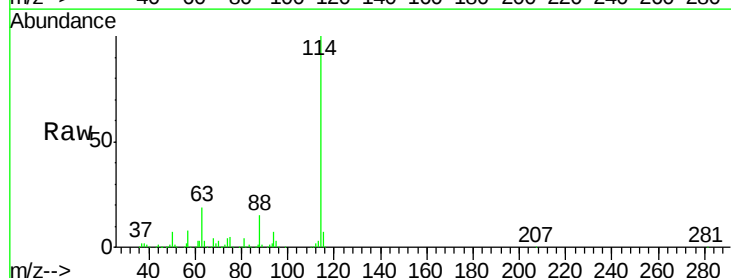
Tgt Ion: 114 Resp: 352109

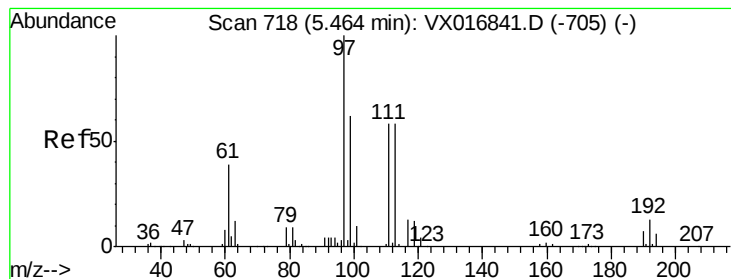
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.330 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

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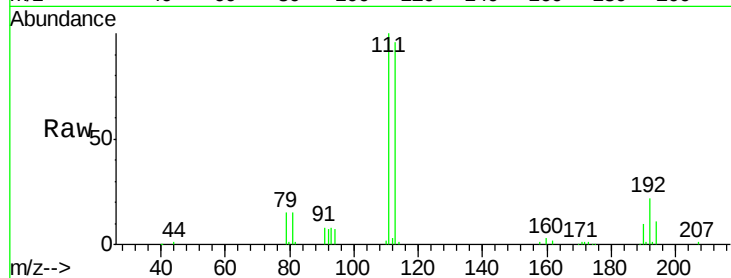
Tot Ion:113 Resp: 111113

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

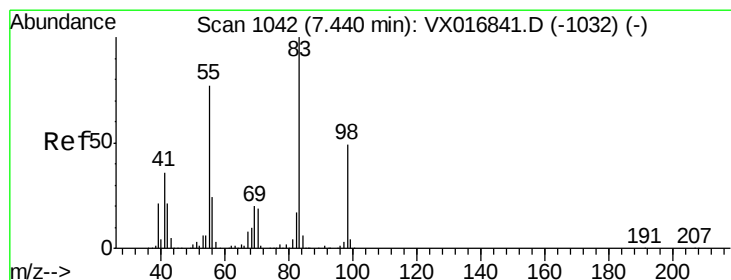
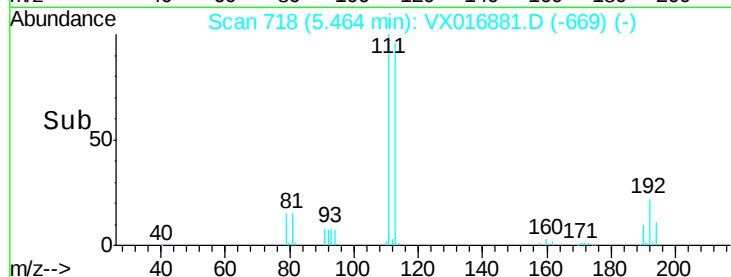
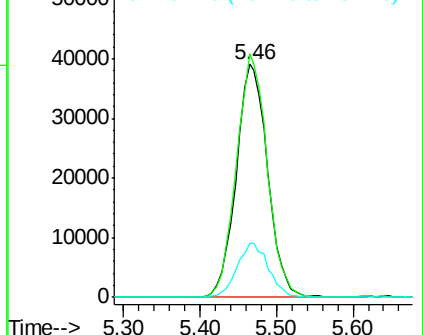
192 23.2 18.5 27.7



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



#39

Methylcyclohexane

Concen: 0.319 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

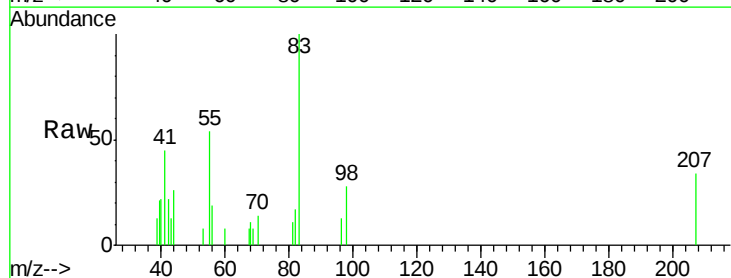
Tgt Ion: 83 Resp: 1205

Ion Ratio Lower Upper

83 100

55 54.0 61.7 92.5#

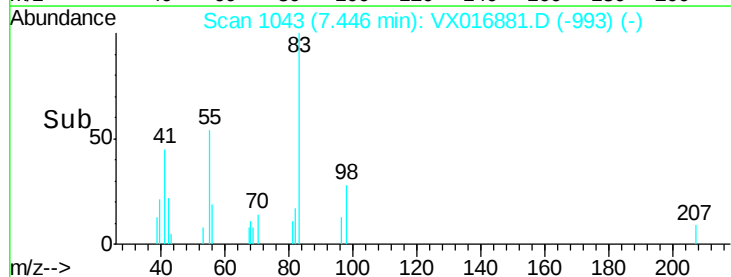
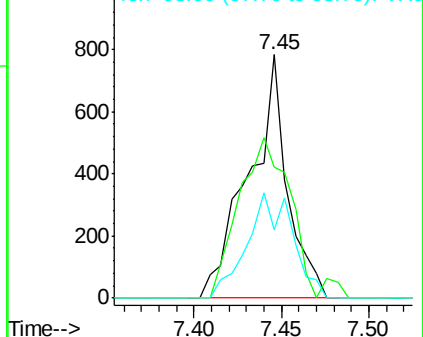
98 27.8 39.0 58.6#

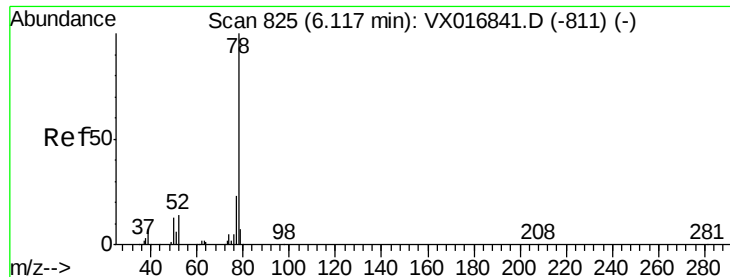


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.914 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

Instrument :

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ClientSampleId :

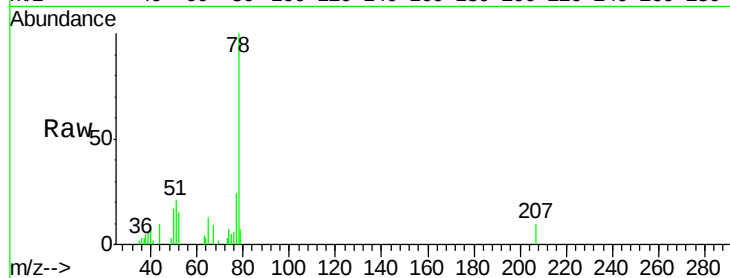
LF015MW100-200616DL

Tot Ion: 78 Resp: 8912

Ion Ratio Lower Upper

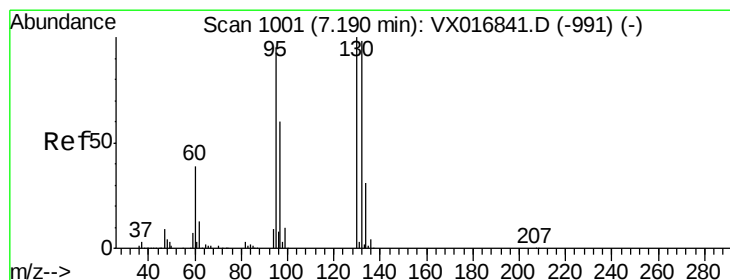
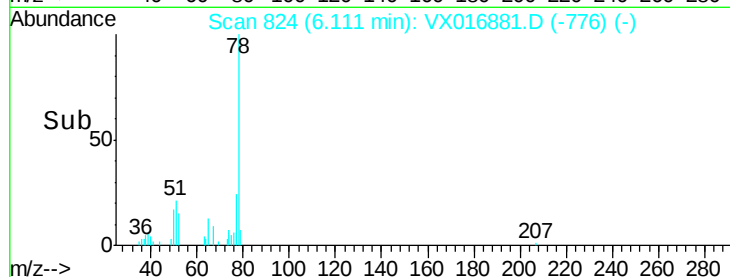
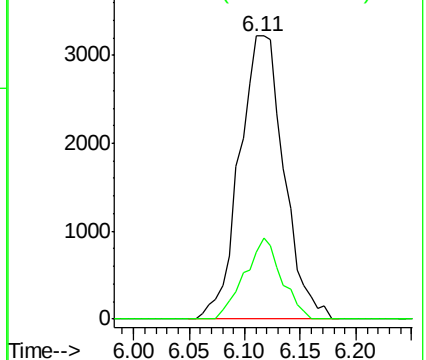
78 100

77 23.7 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 39.331 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016881.D

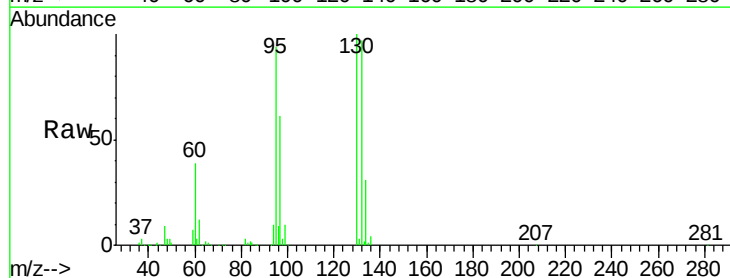
Acq: 19 Jun 2020 15:52

Tgt Ion:130 Resp: 117505

Ion Ratio Lower Upper

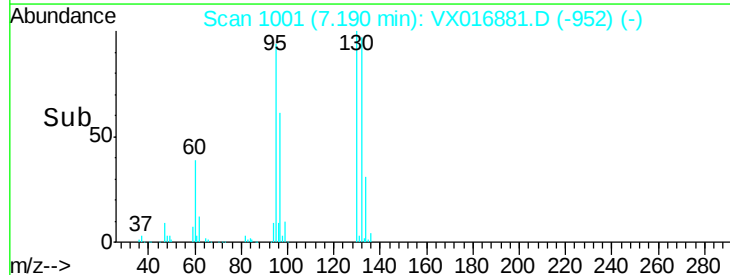
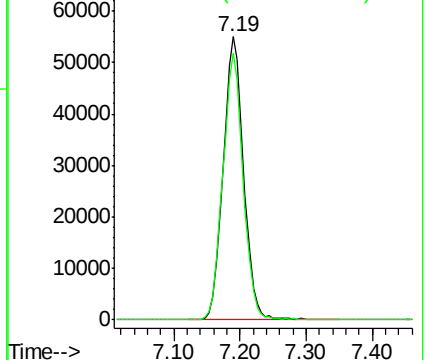
130 100

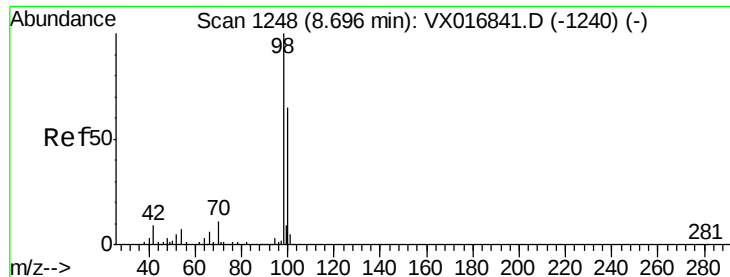
95 94.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 54.315 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

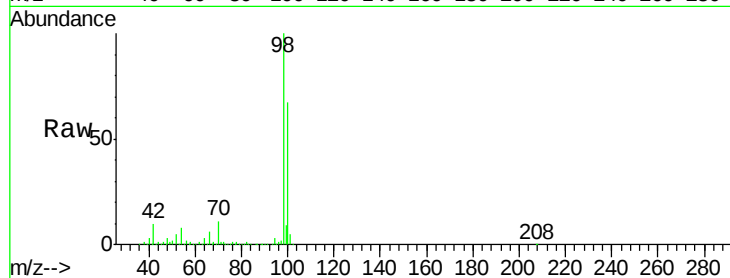
LF015MW100-200616DL

Tot Ion: 98 Resp: 489475

Ion Ratio Lower Upper

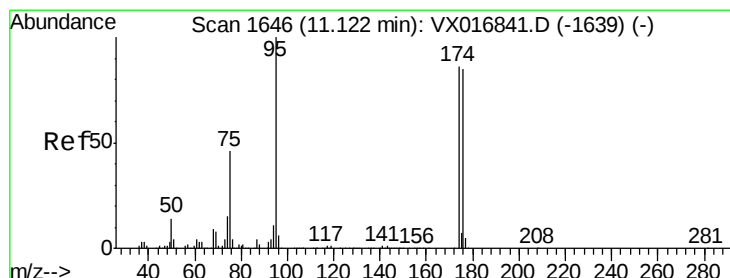
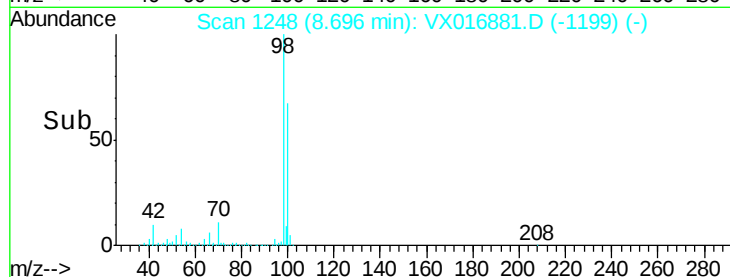
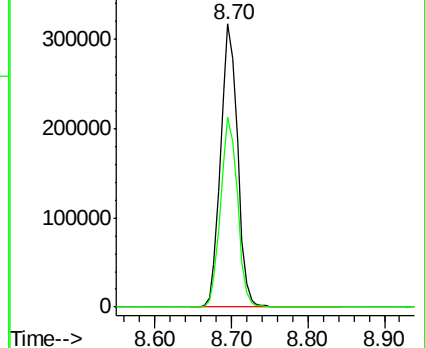
98 100

100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.995 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016881.D

Acq: 19 Jun 2020 15:52

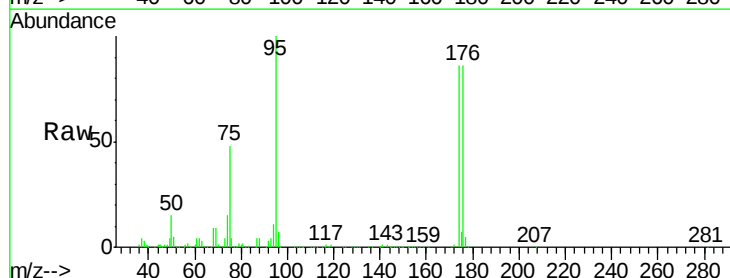
Tgt Ion: 95 Resp: 182979

Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.2

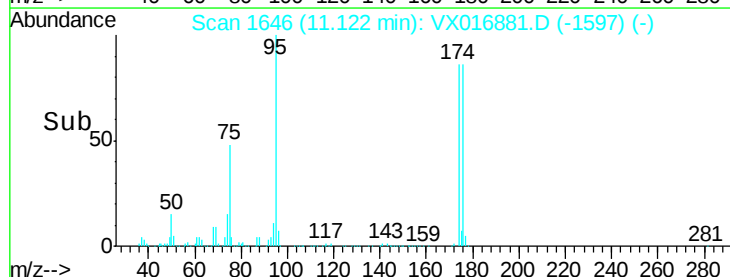
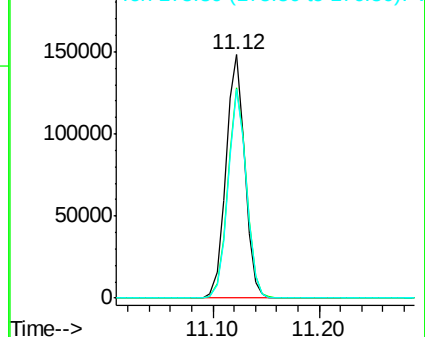
176 83.9 0.0 170.0

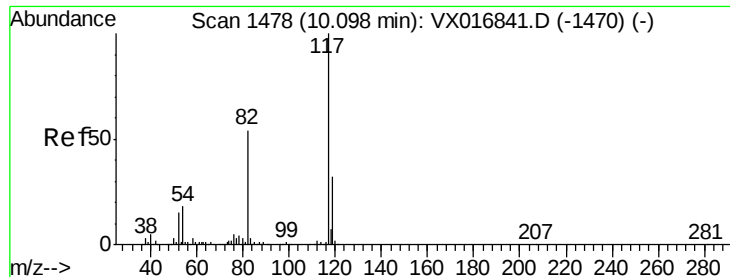


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

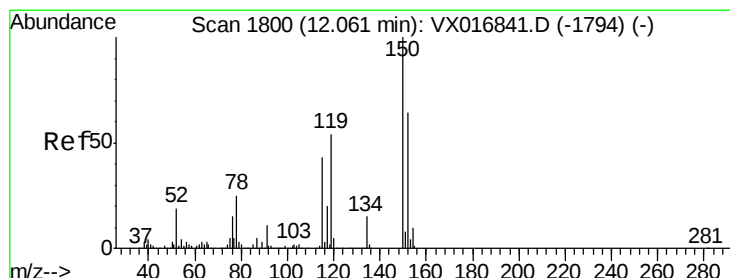
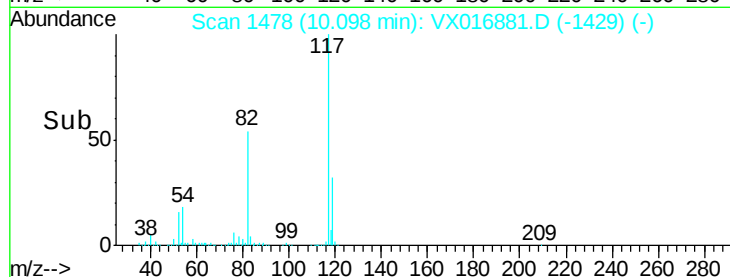
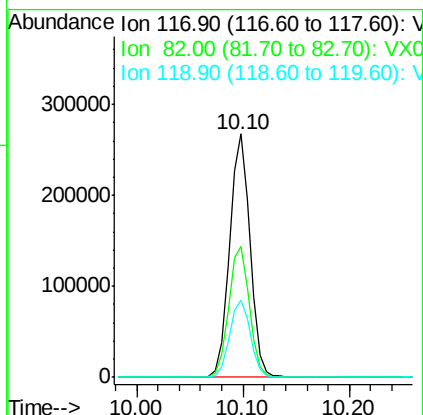
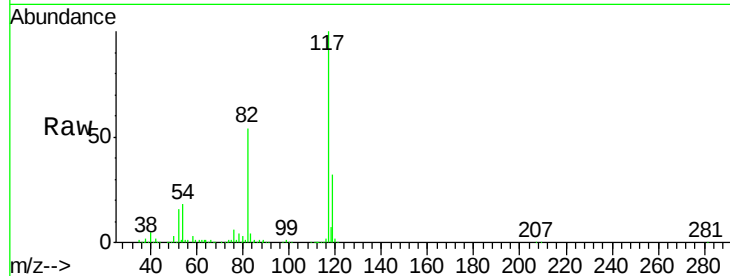




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016881.D
Acq: 19 Jun 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616DL

Tot Ion:117 Resp: 359549
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016881.D
Acq: 19 Jun 2020 15:52

Tgt Ion:152 Resp: 193186
Ion Ratio Lower Upper
152 100
115 56.7 40.9 122.8
150 156.2 0.0 344.2

