

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013046.D
 Acq On : 14 Oct 2019 12:59
 Operator : JC/SP
 Sample : K5313-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-7338B

Quant Time: Oct 15 09:01:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96848	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	109096	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
35) Dibromofluoromethane	5.49	113	86559	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
50) Toluene-d8	8.71	98	339056	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	11.14	95	113355	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	

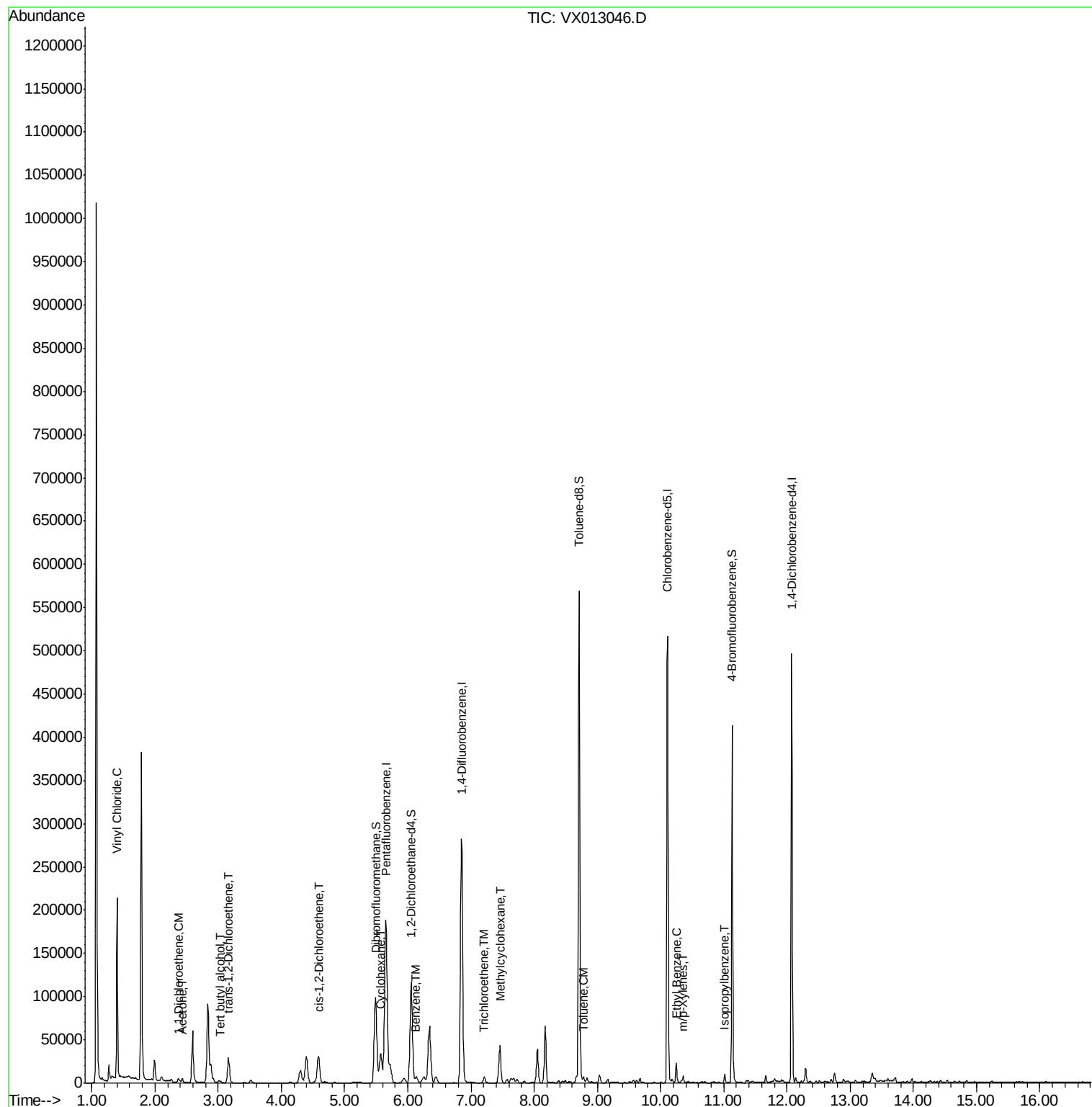
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	119536	57.967	ug/l	98
11) Tert butyl alcohol	3.03	59	3309	5.545	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	1124	0.618	ug/l	92
16) Acetone	2.43	43	4776	4.025	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	2395	1.228	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	19191	8.535	ug/l	91
31) Cyclohexane	5.58	56	22904	7.010	ug/l	94
39) Methylcyclohexane	7.46	83	18130	5.904	ug/l	93
40) Benzene	6.14	78	7815	1.045	ug/l	99
44) Trichloroethene	7.21	130	2451	1.182	ug/l	92
52) Toluene	8.78	92	2466	0.515	ug/l	96
67) Ethyl Benzene	10.25	91	13816	1.627	ug/l	95
68) m/p-Xylenes	10.36	106	1430	0.451	ug/l	98
73) Isopropylbenzene	11.01	105	5260	0.739	ug/l	97

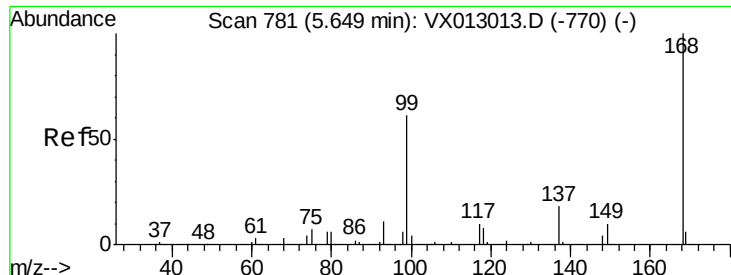
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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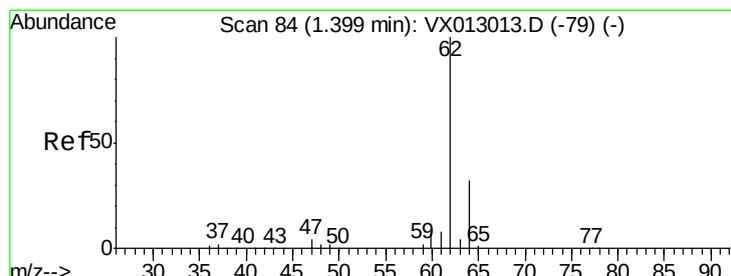
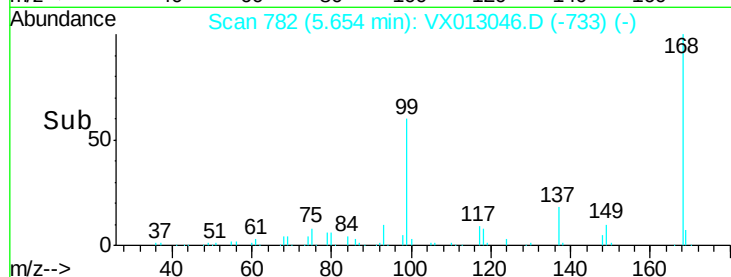
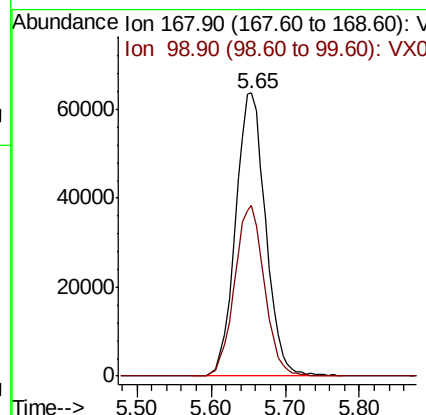
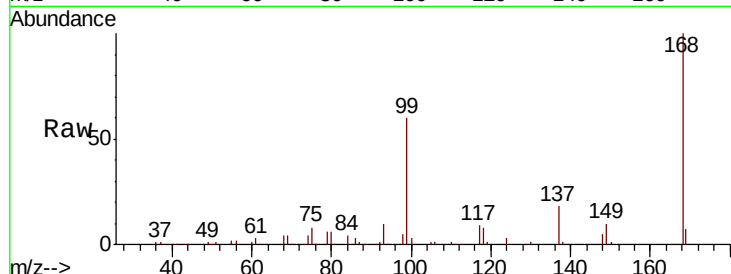




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

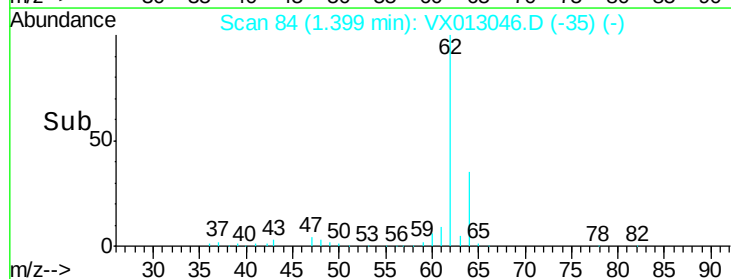
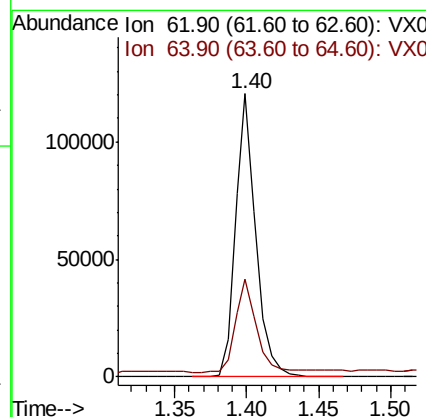
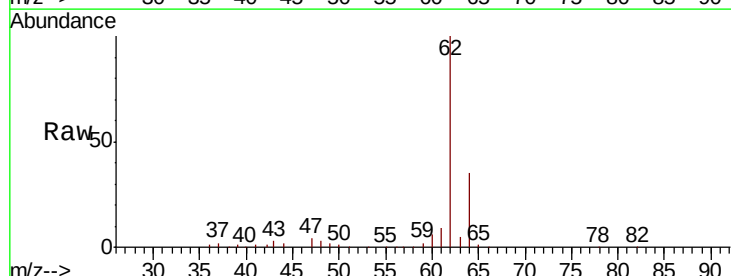
Instrument :
MSVOA_X
ClientSampleId :
FA19-7338B

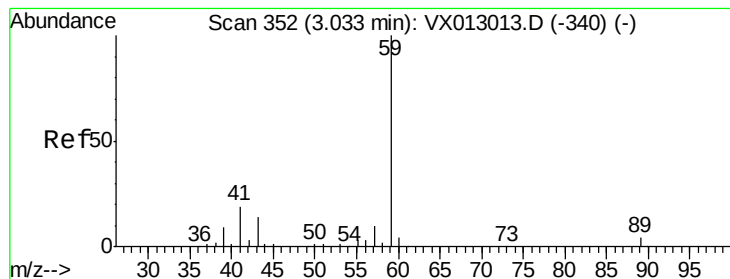
Tot Ion:168 Resp: 180099
Ion Ratio Lower Upper
168 100
99 60.4 49.4 74.0



#4
Vinyl Chloride
Concen: 57.967 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 62 Resp: 119536
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9



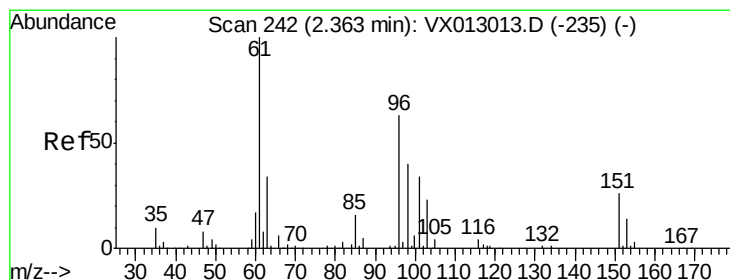
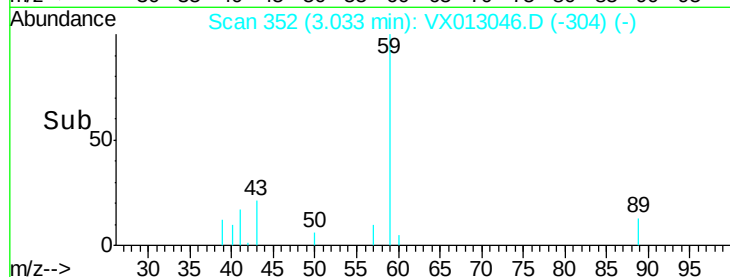
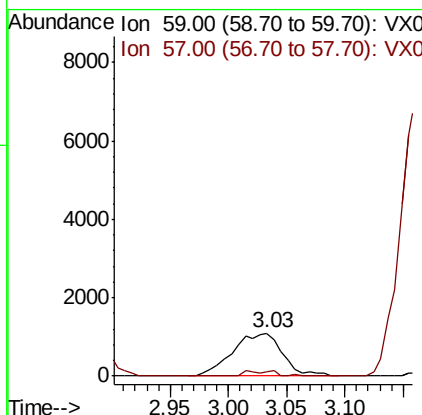
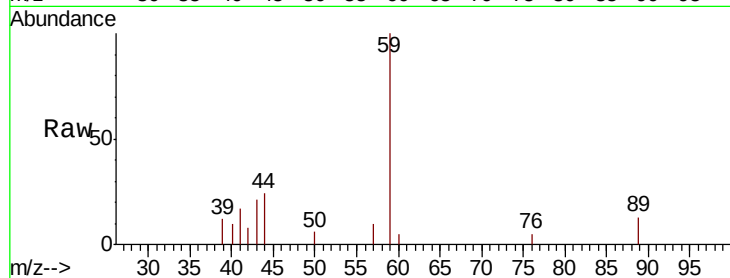


#11

Tert butyl alcohol
 Concen: 5.545 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-7338B

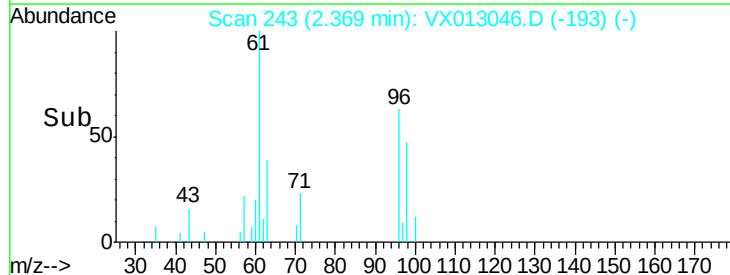
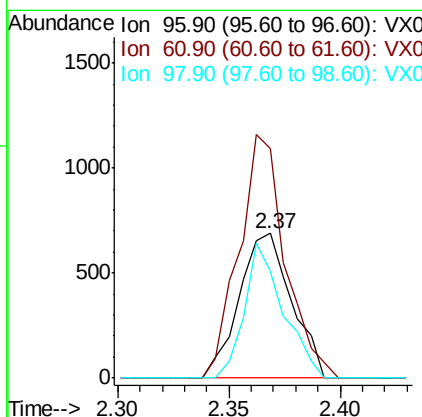
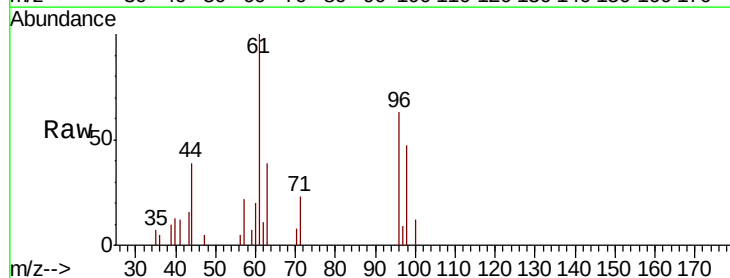
Tot Ion: 59 Resp: 3309
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

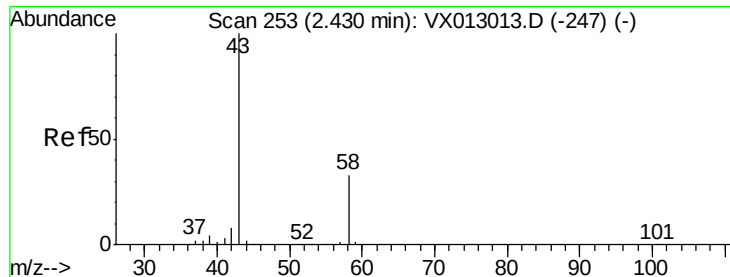


#12

1,1-Dichloroethene
 Concen: 0.618 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Tgt Ion: 96 Resp: 1124
 Ion Ratio Lower Upper
 96 100
 61 158.4 132.2 198.4
 98 74.1 50.5 75.7





#16

Acetone

Concen: 4.025 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

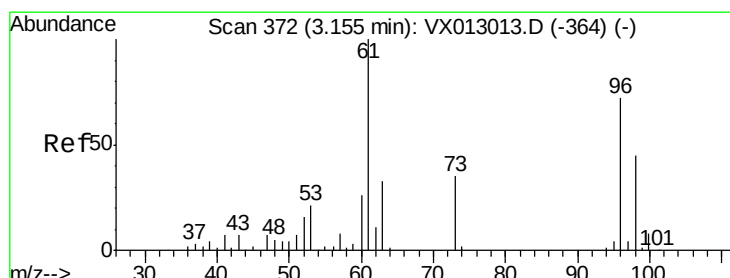
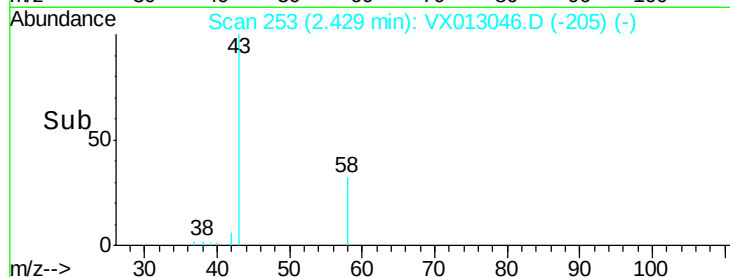
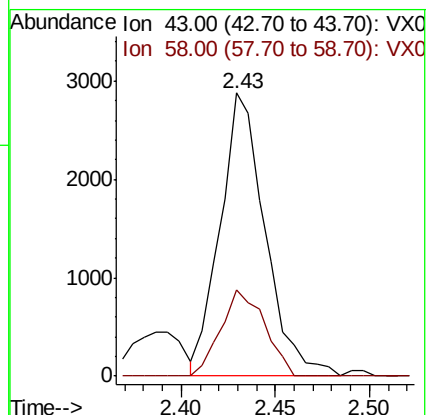
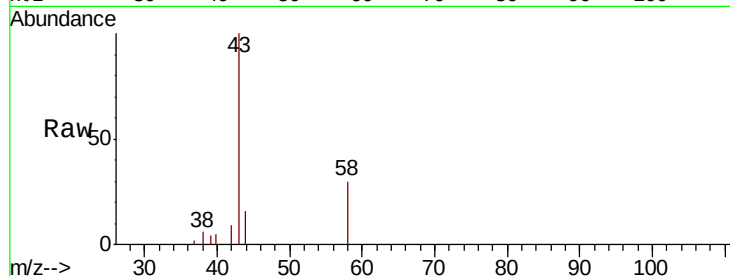
FA19-7338B

Tot Ion: 43 Resp: 4776

Ion Ratio Lower Upper

43 100

58 30.3 25.4 38.2



#21

trans-1,2-Dichloroethene

Concen: 1.228 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

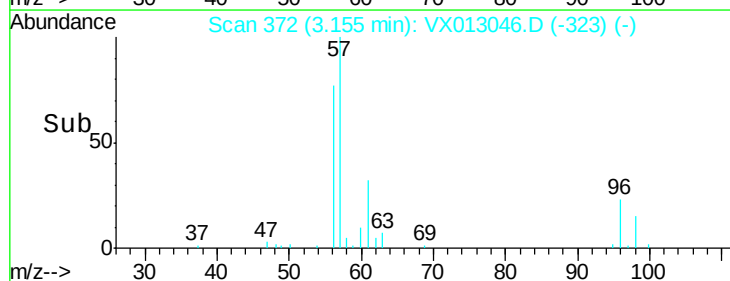
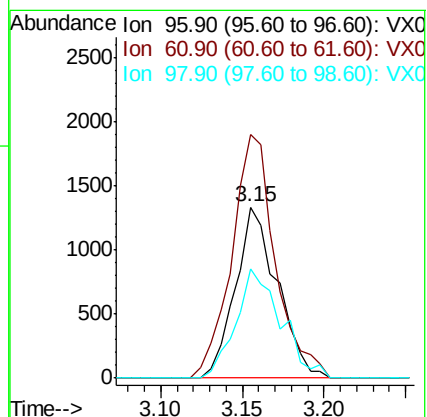
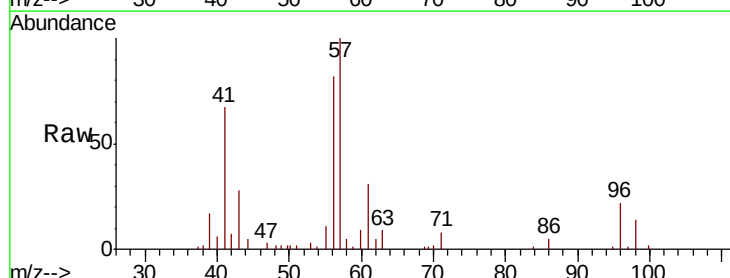
Tgt Ion: 96 Resp: 2395

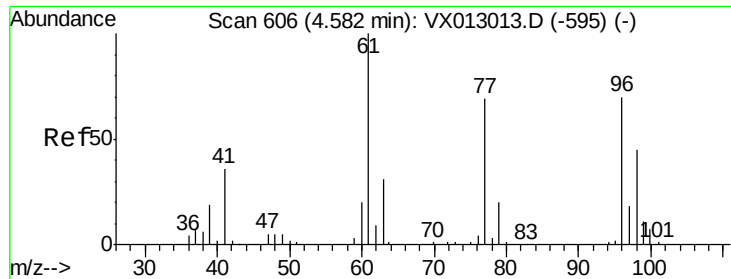
Ion Ratio Lower Upper

96 100

61 142.2 110.4 165.6

98 63.9 51.5 77.3



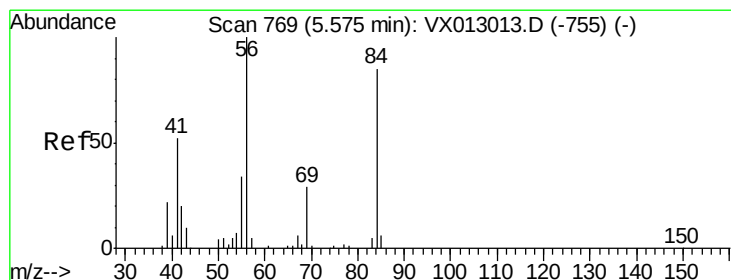
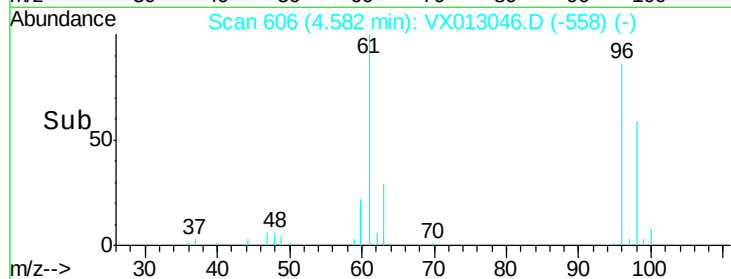
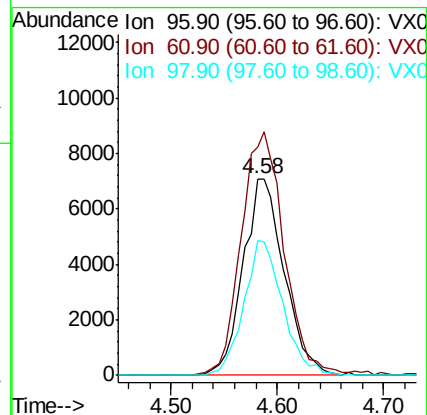
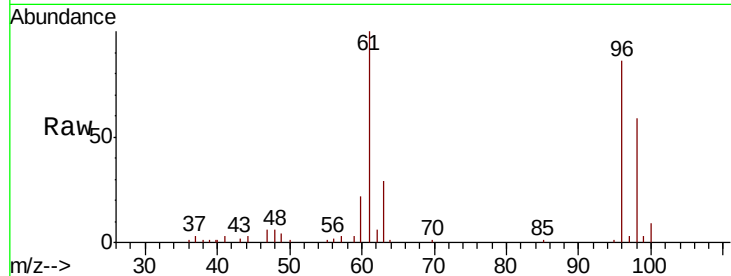


#27

cis-1,2-Dichloroethene
 Concen: 8.535 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-7338B

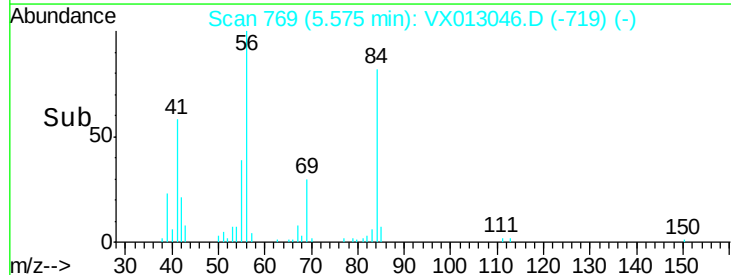
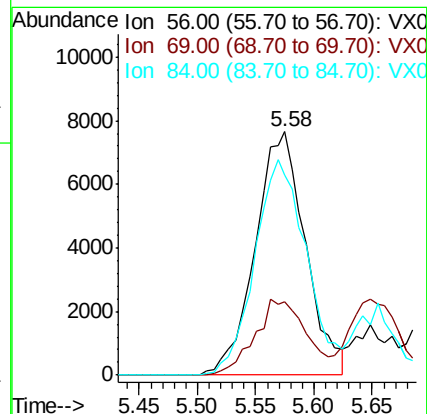
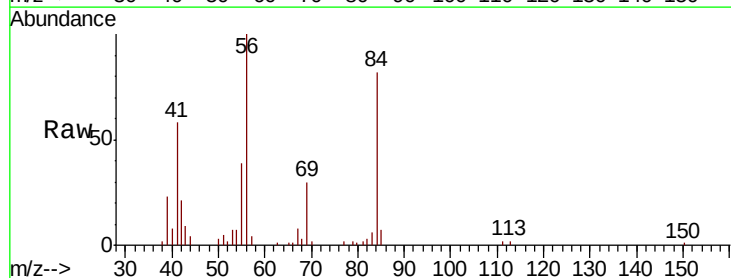
Tot Ion	96	Resp	19191
Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	290.6
98	64.9	0.0	128.8

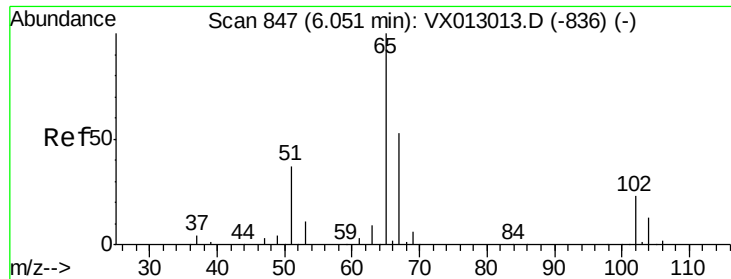


#31

Cyclohexane
 Concen: 7.010 ug/l
 RT: 5.58 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Tgt Ion	56	Resp	22904
Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.2	37.8
84	82.1	71.3	106.9

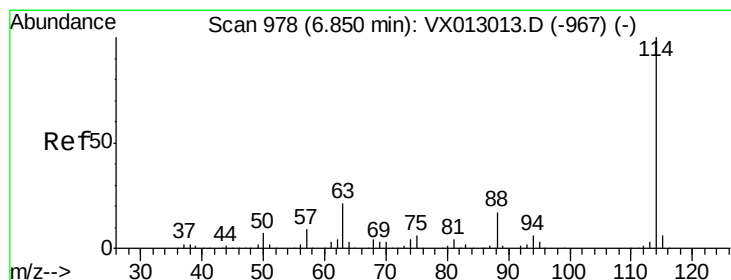
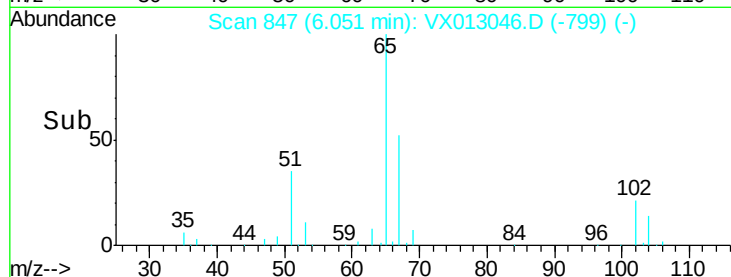
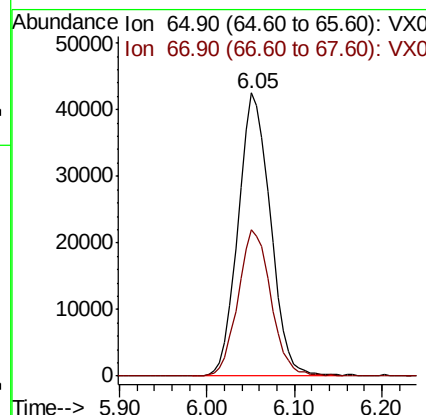
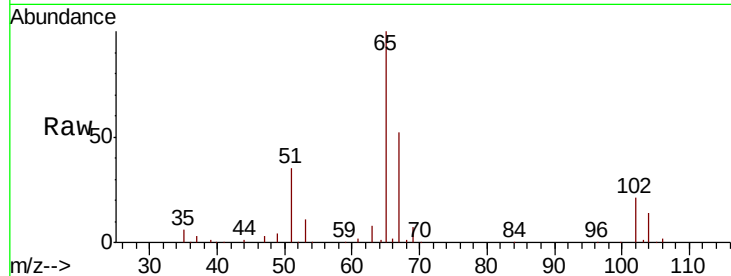




#33
 1,2-Dichloroethane-d4
 Concen: 48.465 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

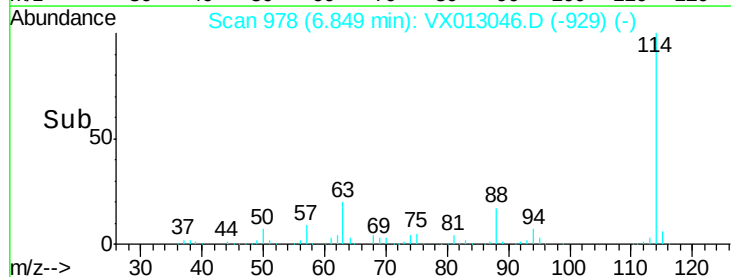
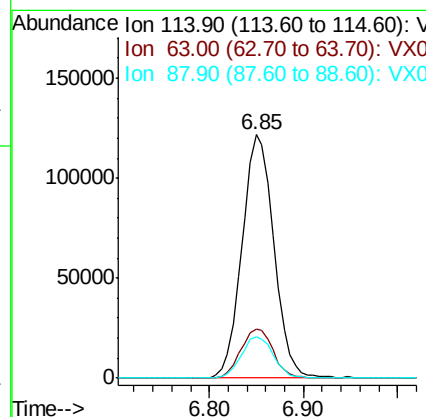
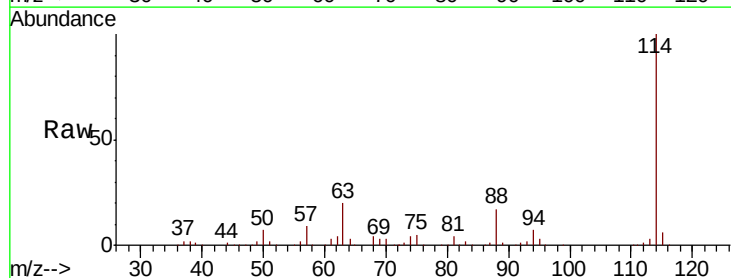
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-7338B

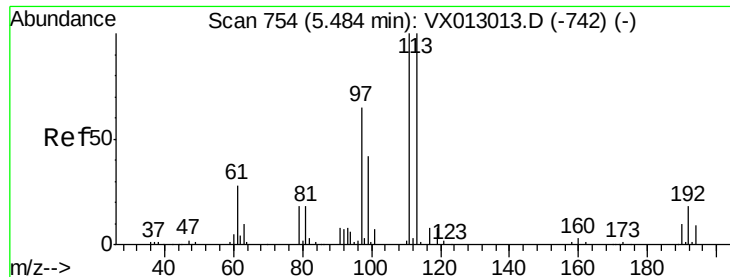
Tot Ion: 65 Resp: 109096
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Tgt Ion: 114 Resp: 287988
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.368 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

FA19-7338B

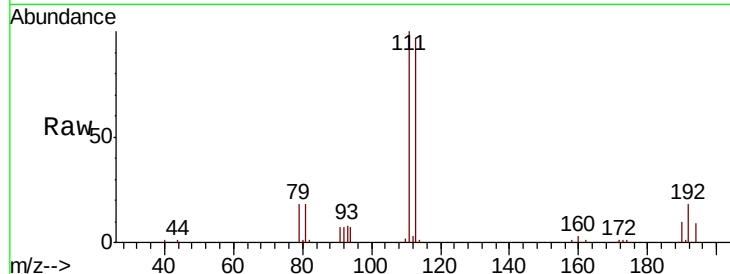
Tot Ion:113 Resp: 86559

Ion Ratio Lower Upper

113 100

111 100.9 83.2 124.8

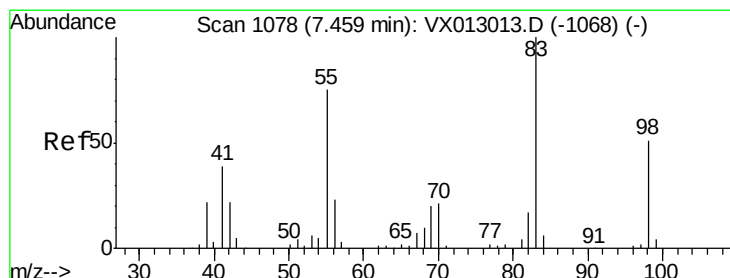
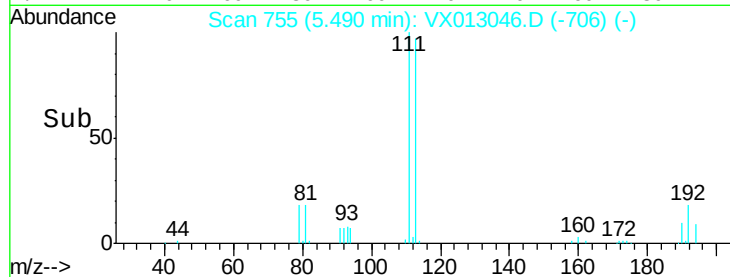
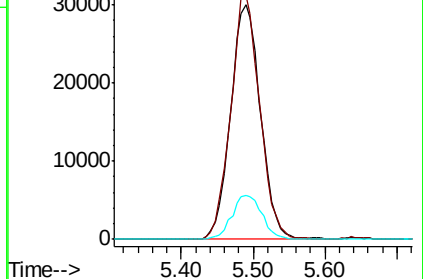
192 19.0 15.4 23.2



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: 5.904 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

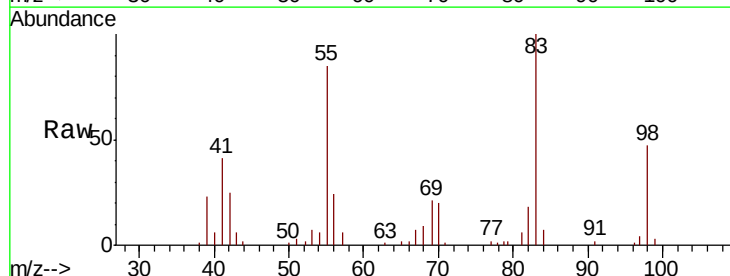
Tgt Ion: 83 Resp: 18130

Ion Ratio Lower Upper

83 100

55 84.6 60.2 90.4

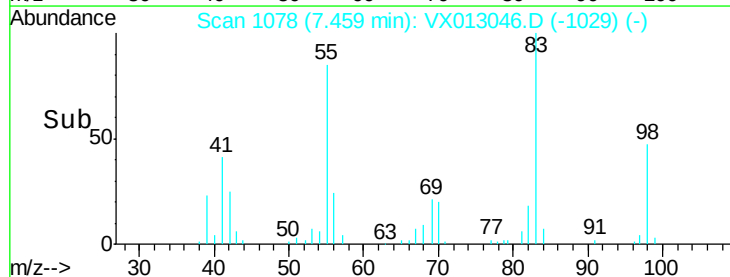
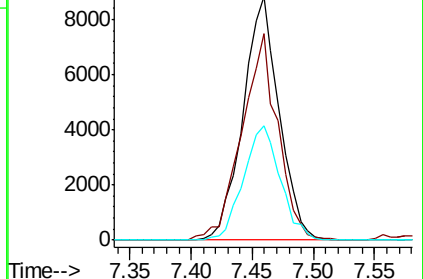
98 46.9 38.5 57.7

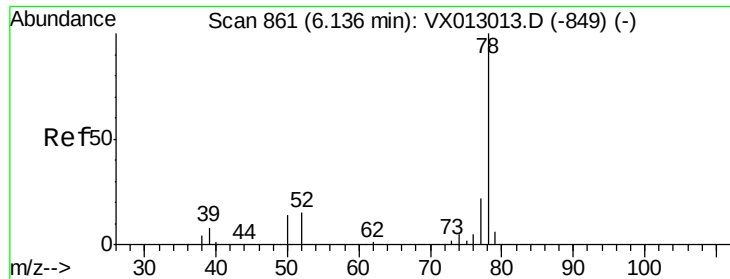


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.045 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

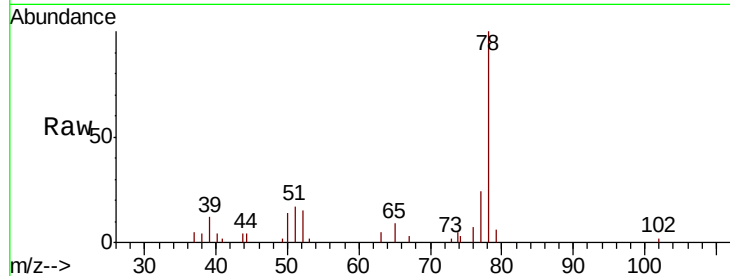
FA19-7338B

Tot Ion: 78 Resp: 7815

Ion Ratio Lower Upper

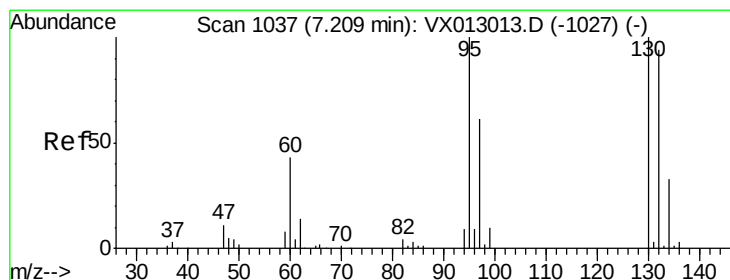
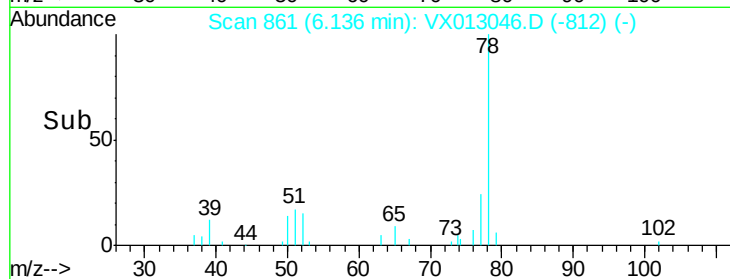
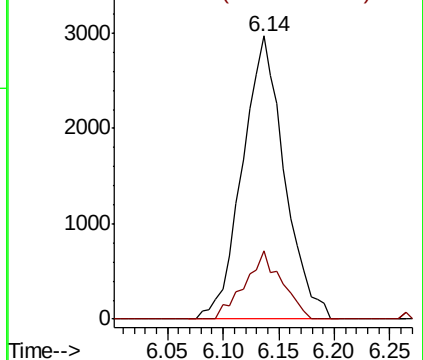
78 100

77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 1.182 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013046.D

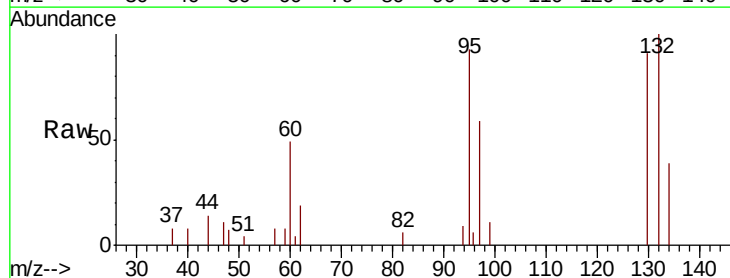
Acq: 14 Oct 2019 12:59

Tgt Ion: 130 Resp: 2451

Ion Ratio Lower Upper

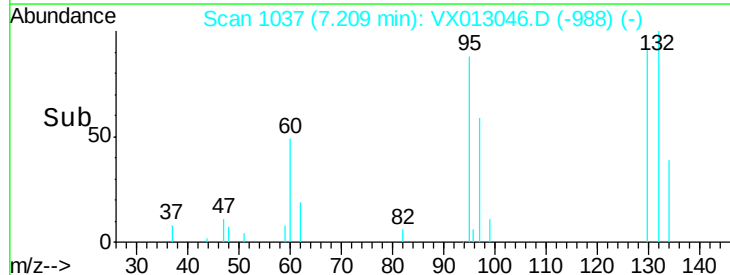
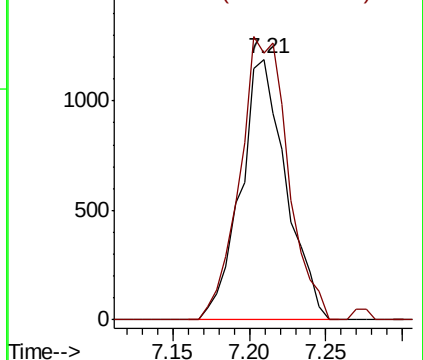
130 100

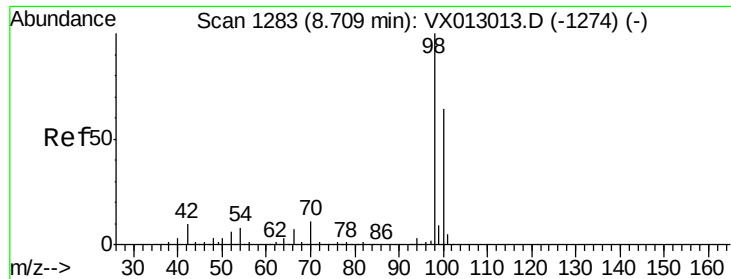
95 102.3 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

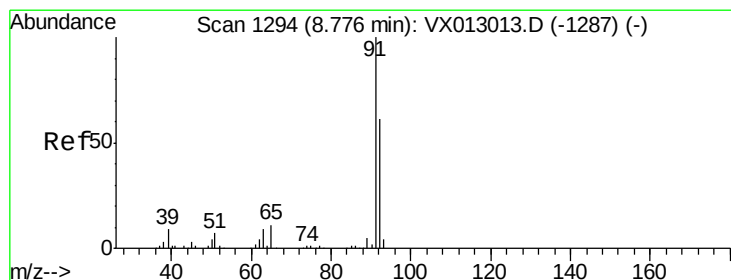
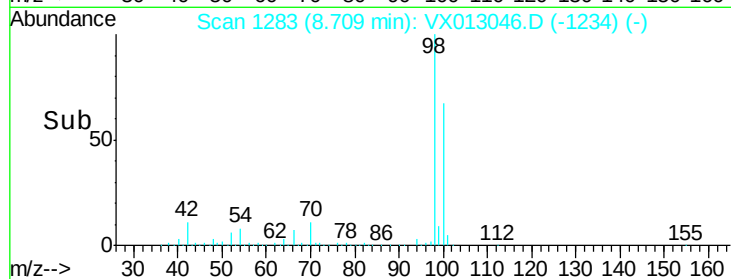
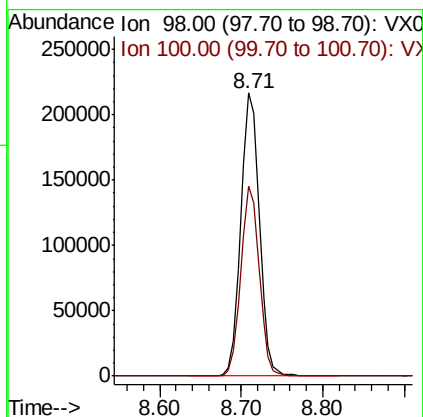
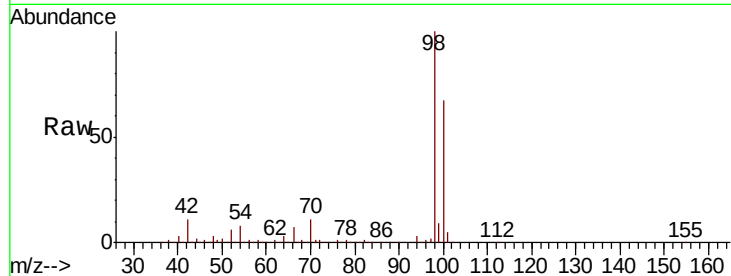




#50
Toluene-d8
Concen: 52.594 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

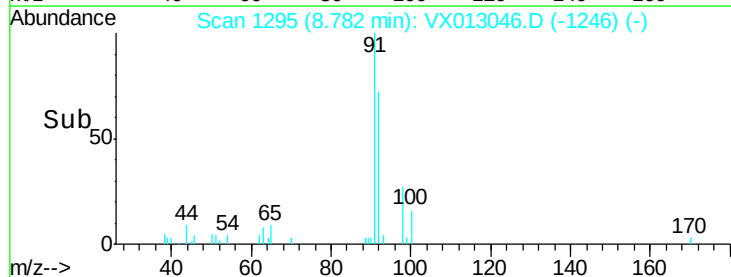
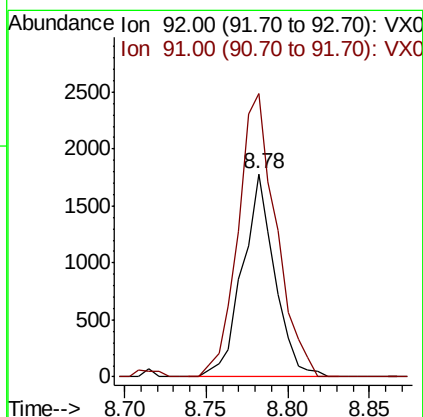
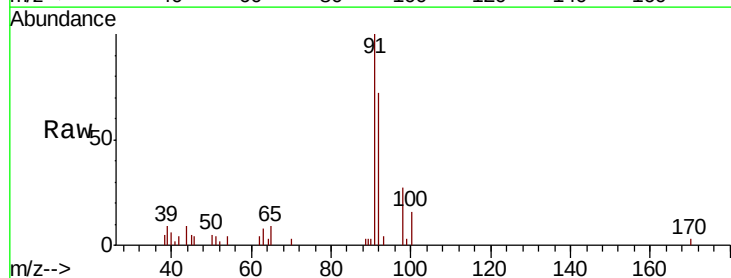
Instrument :
MSVOA_X
ClientSampleId :
FA19-7338B

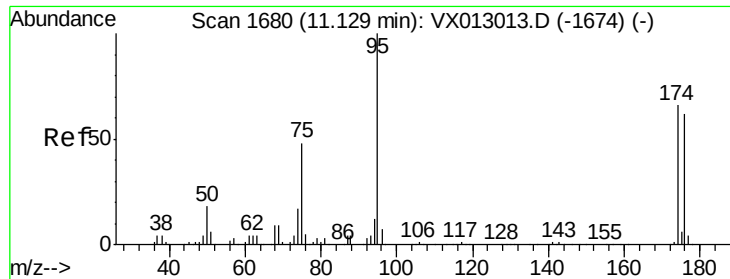
Tot Ion: 98 Resp: 339056
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



#52
Toluene
Concen: 0.515 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 92 Resp: 2466
Ion Ratio Lower Upper
92 100
91 163.9 135.9 203.9





#62

4-Bromofluorobenzene

Concen: 45.253 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

FA19-7338B

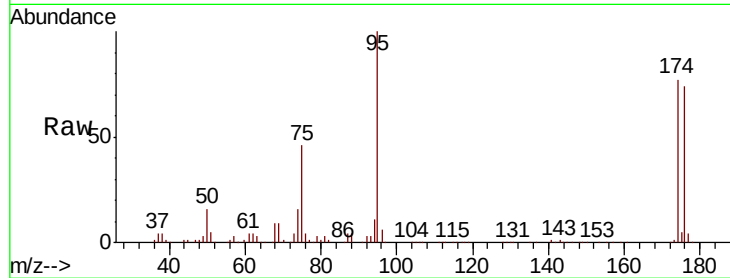
Tot Ion: 95 Resp: 113355

Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.4

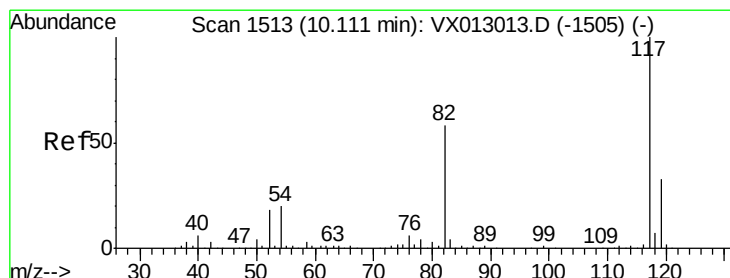
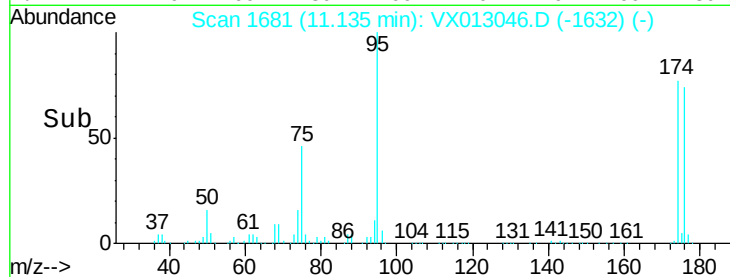
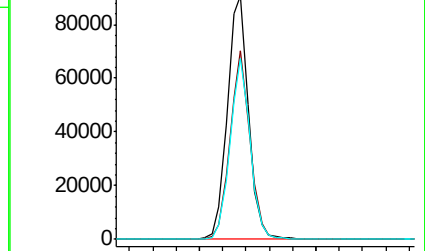
176 71.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX013013.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013013.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013013.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

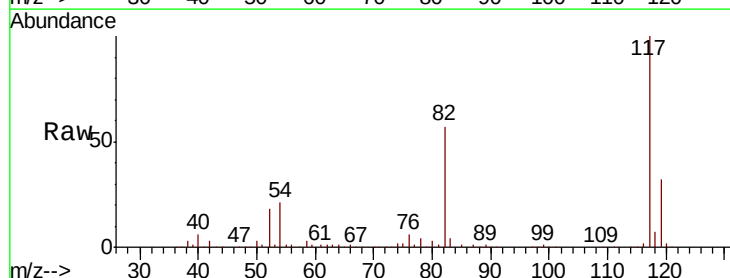
Tgt Ion: 117 Resp: 240721

Ion Ratio Lower Upper

117 100

82 56.7 44.1 66.1

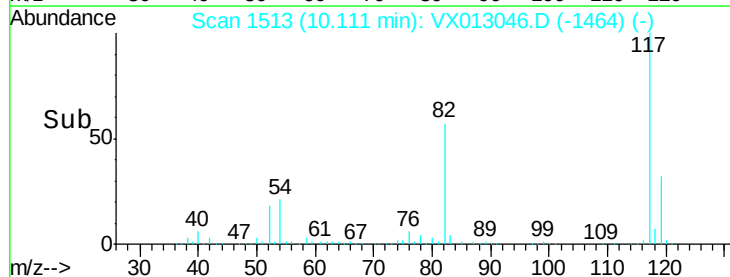
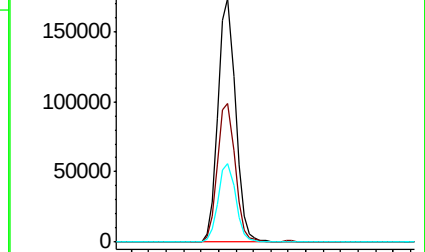
119 32.3 25.8 38.8

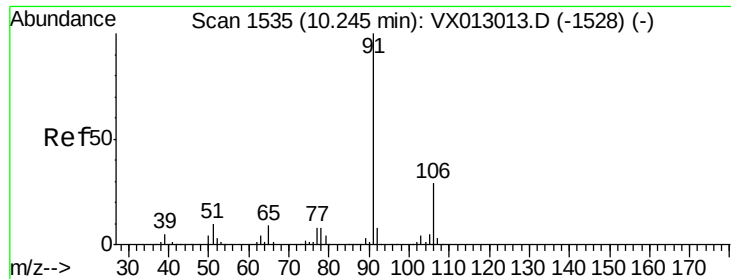


Abundance Ion 116.90 (116.60 to 117.60): VX013013.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013013.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013013.D (-1505) (-)

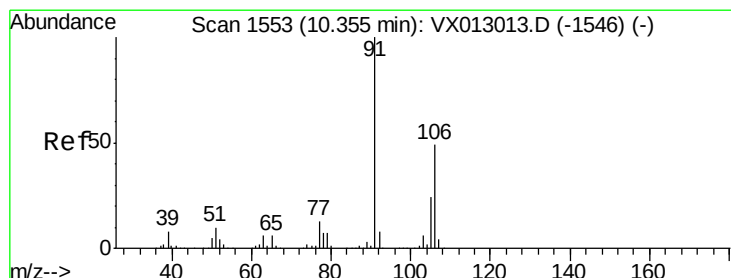
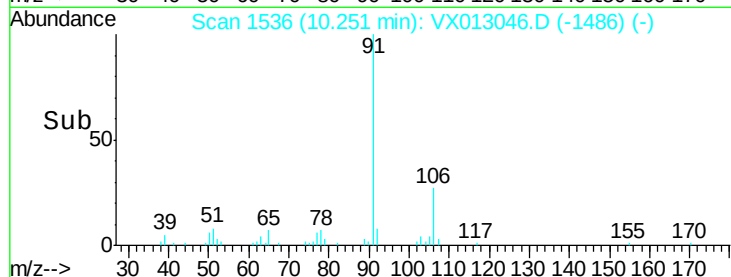
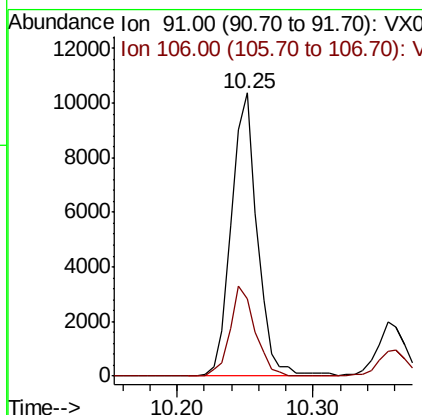
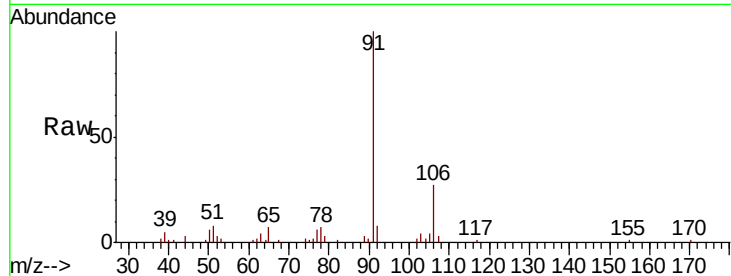




#67
Ethyl Benzene
Concen: 1.627 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

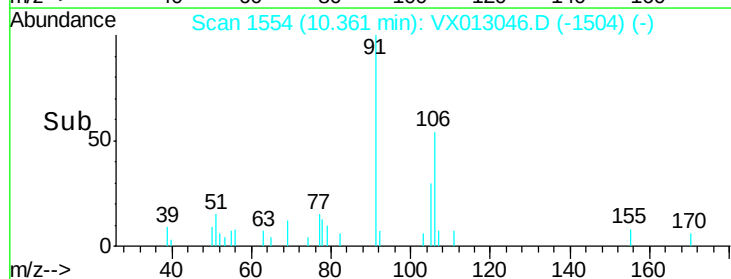
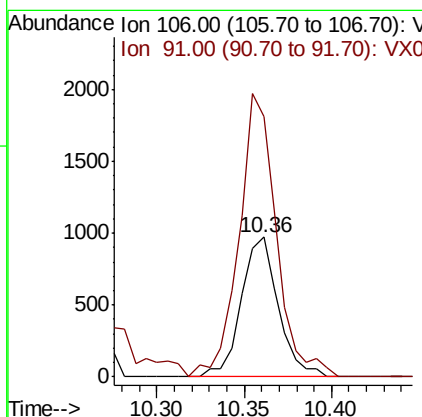
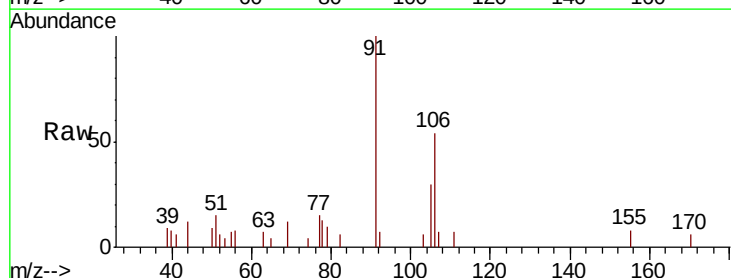
Instrument :
MSVOA_X
ClientSampled :
FA19-7338B

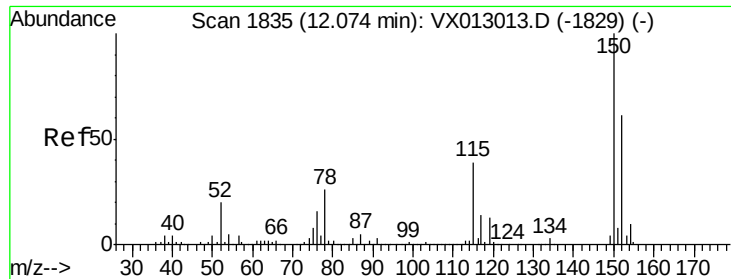
Tot Ion: 91 Resp: 13816
Ion Ratio Lower Upper
91 100
106 27.4 23.9 35.9



#68
m/p-Xylenes
Concen: 0.451 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 106 Resp: 1430
Ion Ratio Lower Upper
106 100
91 203.9 165.3 247.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

FA19-7338B

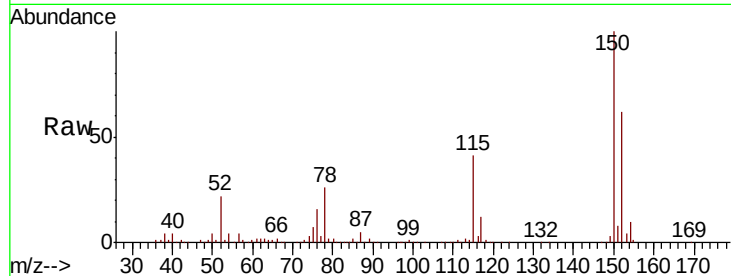
Tot Ion:152 Resp: 96848

Ion Ratio Lower Upper

152 100

115 63.5 44.5 133.5

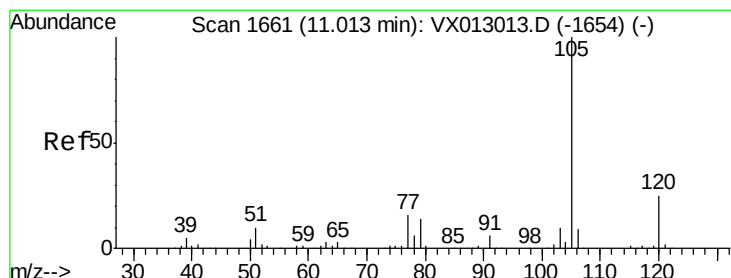
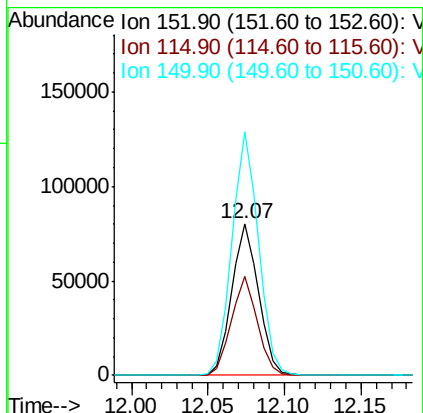
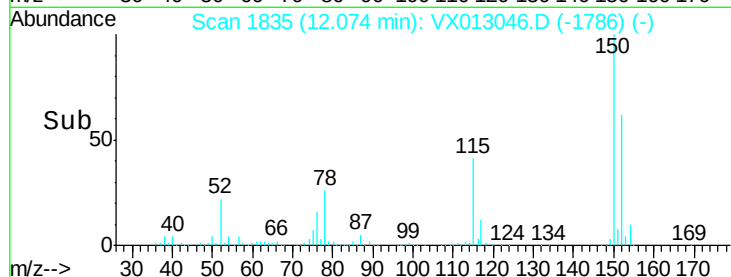
150 159.4 0.0 353.4



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



#73

Isopropylbenzene

Concen: 0.739 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013046.D

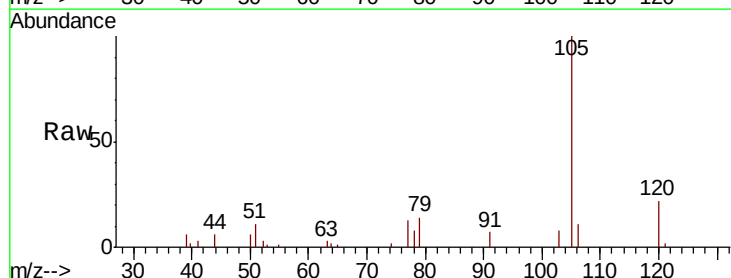
Acq: 14 Oct 2019 12:59

Tgt Ion:105 Resp: 5260

Ion Ratio Lower Upper

105 100

120 27.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

