

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012590.D
 Acq On : 21 Sep 2019 04:49
 Operator : JC/SP
 Sample : K4978-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0164

Quant Time: Sep 21 06:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

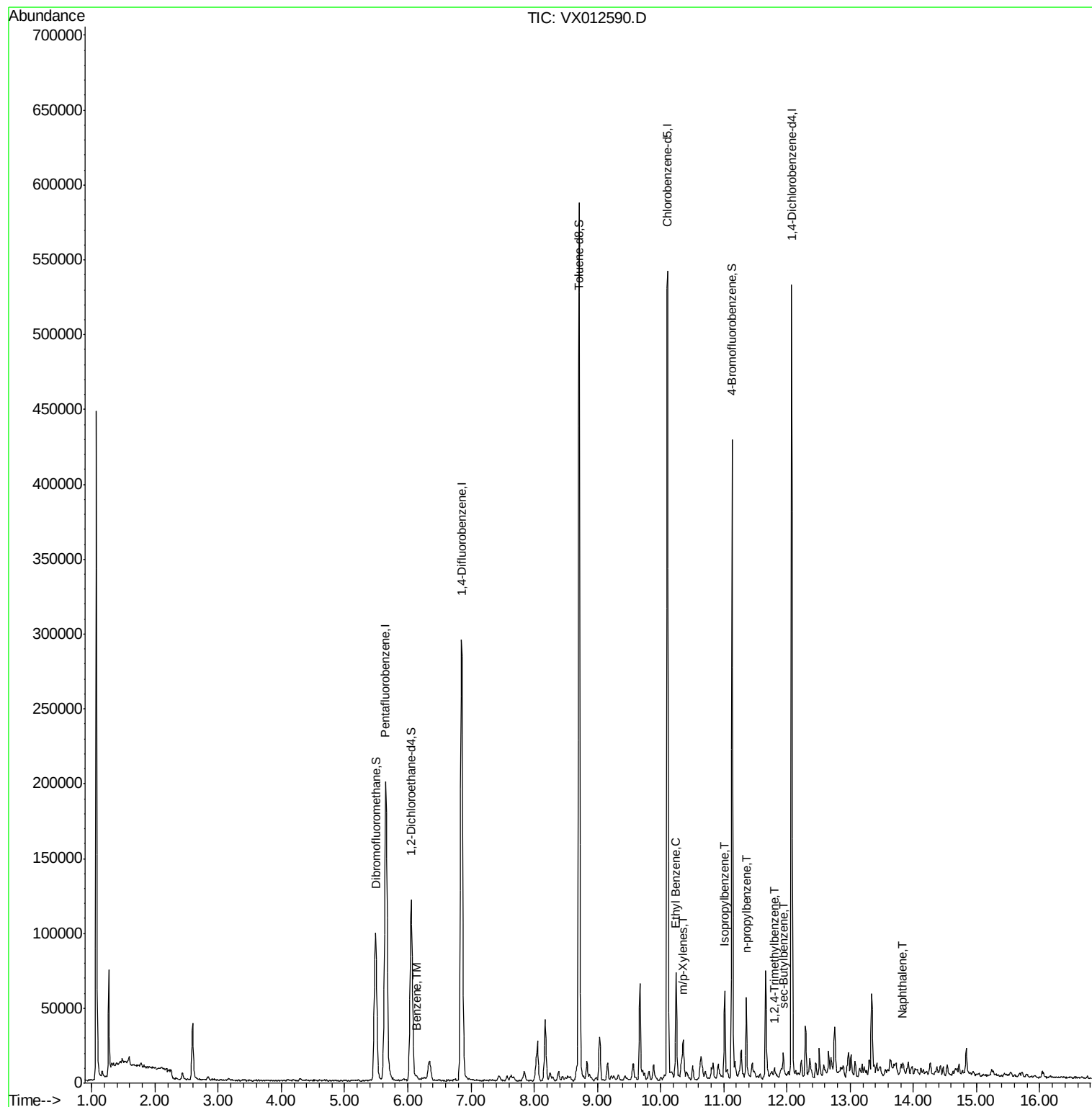
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117465	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
35) Dibromofluoromethane	5.49	113	84237	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	328617	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	118499	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
40) Benzene	6.14	78	2257	0.405	ug/l	90
67) Ethyl Benzene	10.25	91	38659	5.637	ug/l	100
68) m/p-Xylenes	10.36	106	1883	0.755	ug/l	91
73) Isopropylbenzene	11.01	105	29066	4.550	ug/l	99
78) n-propylbenzene	11.35	91	30663	4.307	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1940	0.347	ug/l	94
85) sec-Butylbenzene	11.94	105	5426	0.843	ug/l #	76
95) Naphthalene	13.83	128	4199	0.598	ug/l #	85

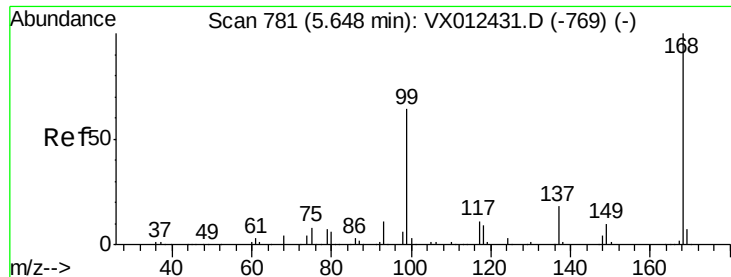
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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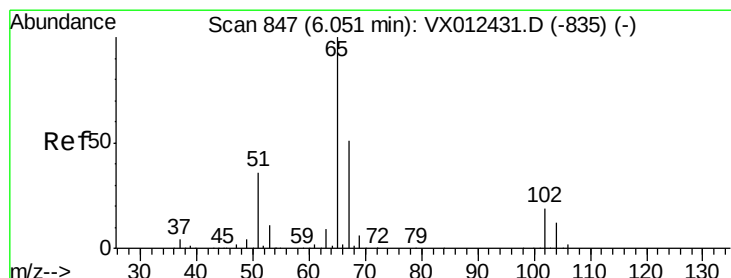
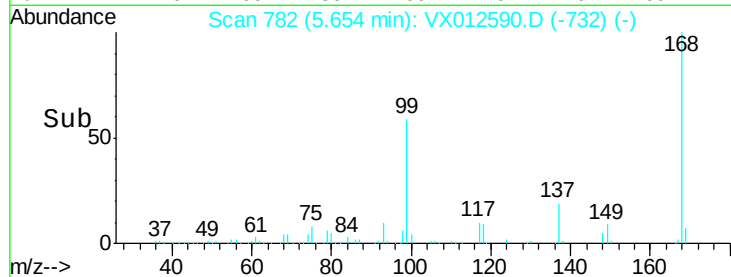
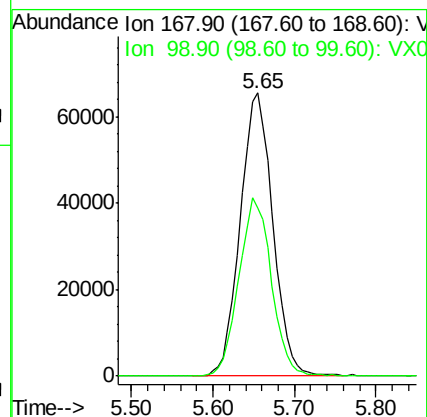
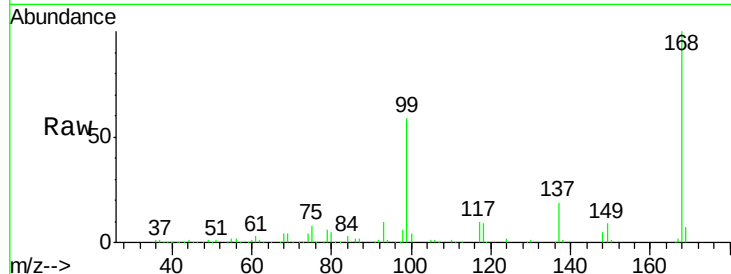




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

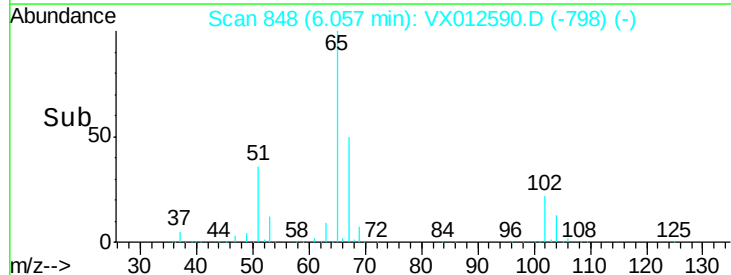
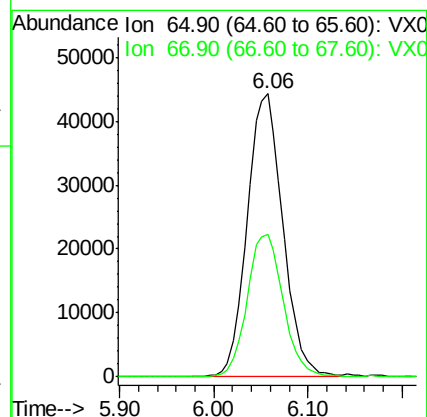
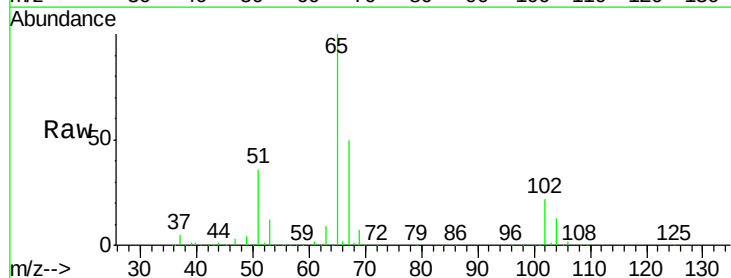
Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

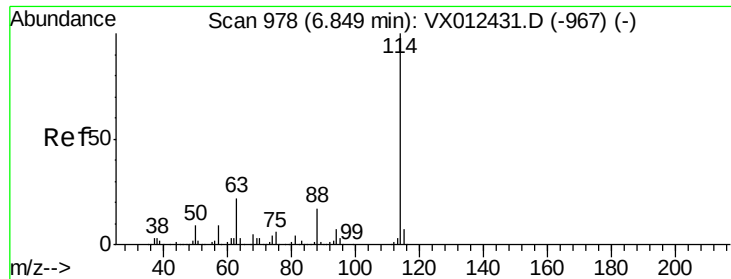
Tot Ion:168 Resp: 181687
Ion Ratio Lower Upper
168 100
99 59.5 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 45.110 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 65 Resp: 117465
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

Z2-0164

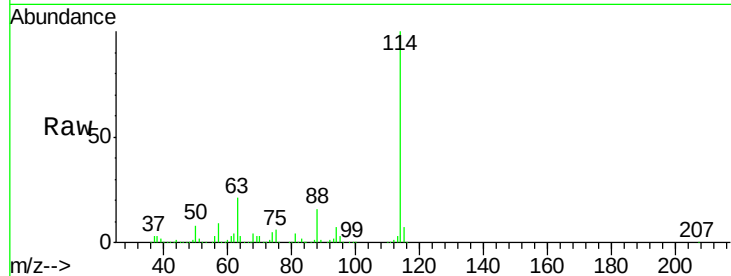
Tot Ion:114 Resp: 288694

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

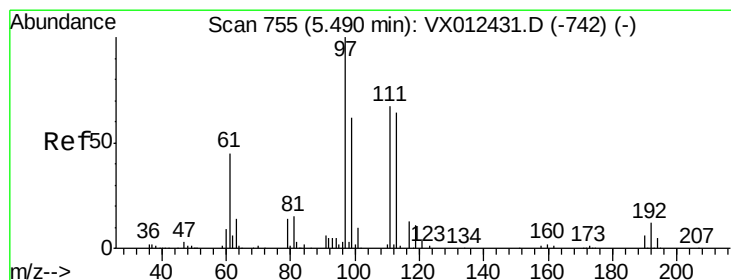
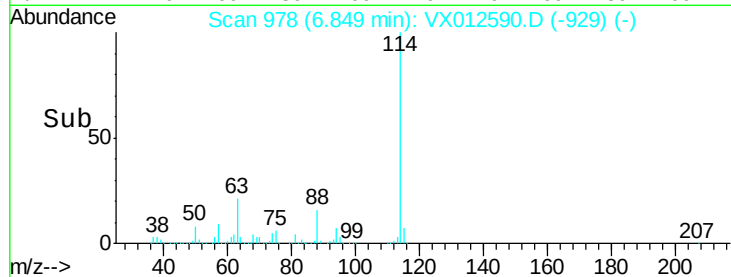
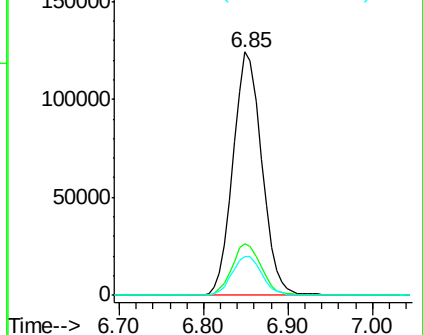
88 16.1 0.0 33.2



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: 48.209 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

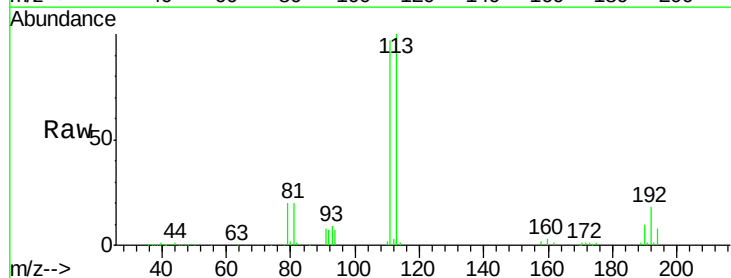
Tgt Ion:113 Resp: 84237

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

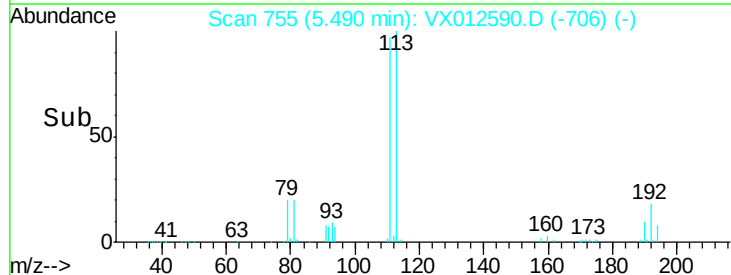
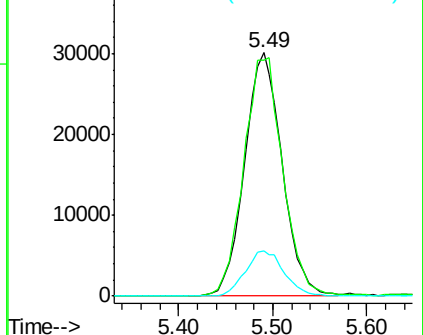
192 19.1 14.4 21.6

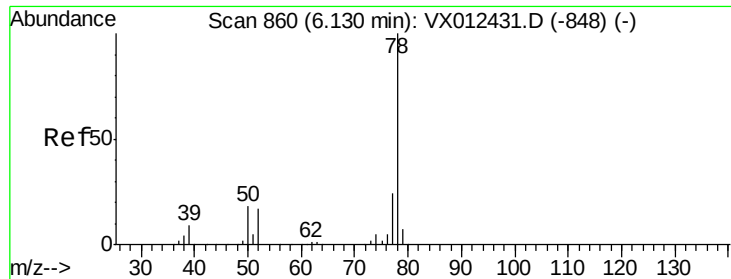


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.405 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

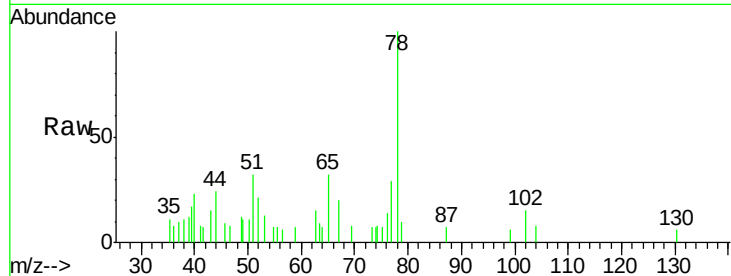
Z2-0164

Tot Ion: 78 Resp: 2257

Ion Ratio Lower Upper

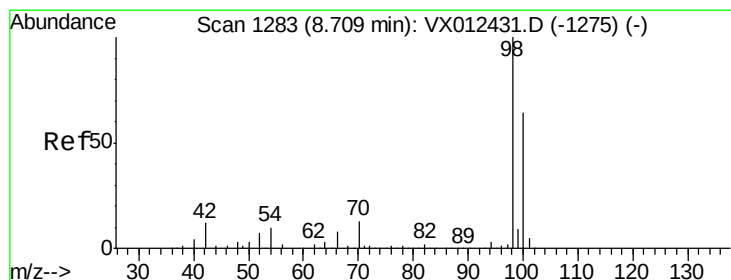
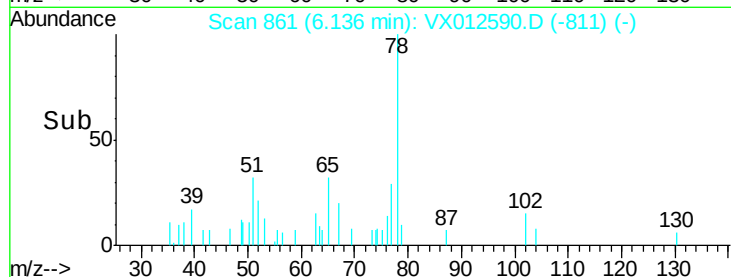
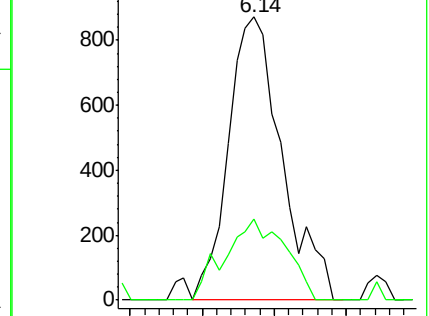
78 100

77 28.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.809 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012590.D

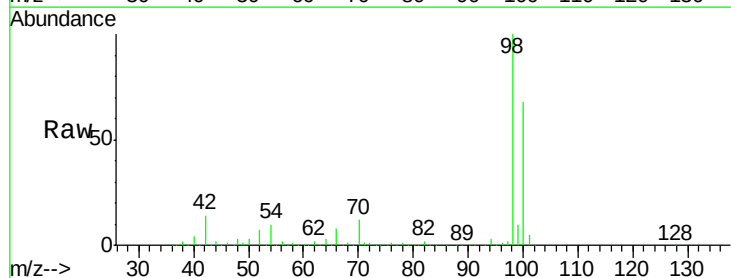
Acq: 21 Sep 2019 04:49

Tgt Ion: 98 Resp: 328617

Ion Ratio Lower Upper

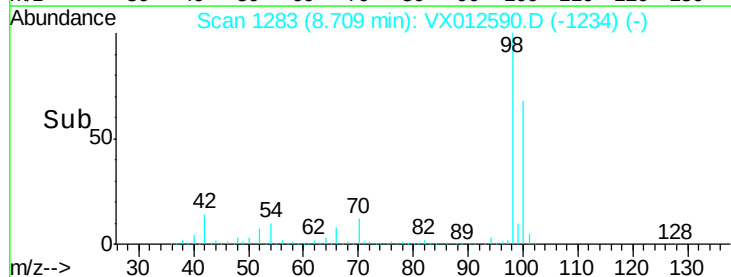
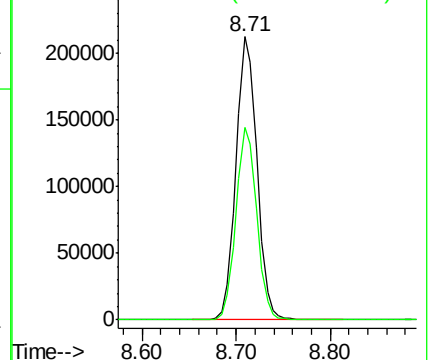
98 100

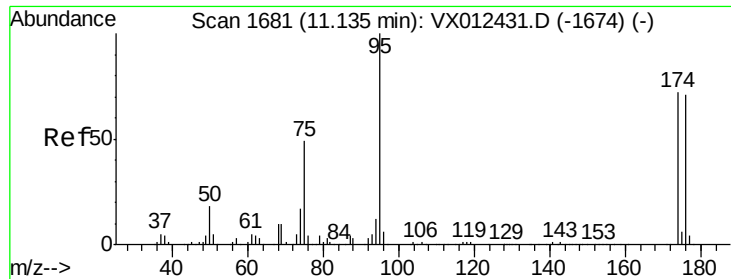
100 67.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.126 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

Z2-0164

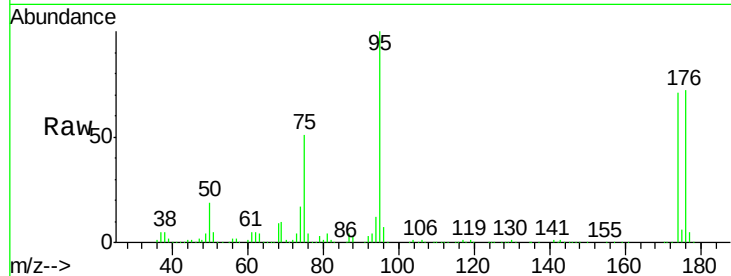
Tot Ion: 95 Resp: 118499

Ion Ratio Lower Upper

95 100

174 72.8 0.0 140.0

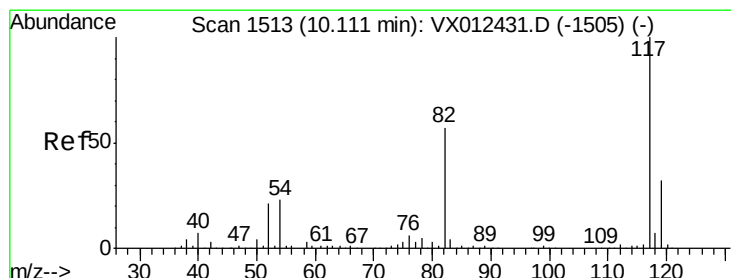
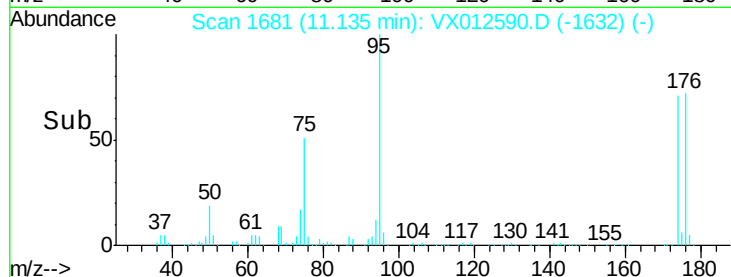
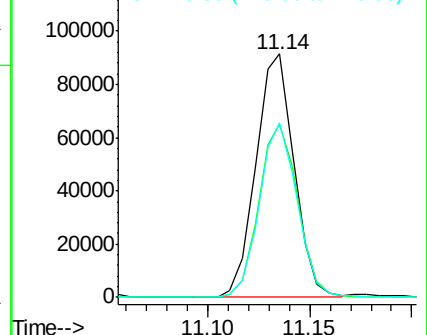
176 71.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012590.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012590.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012590.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

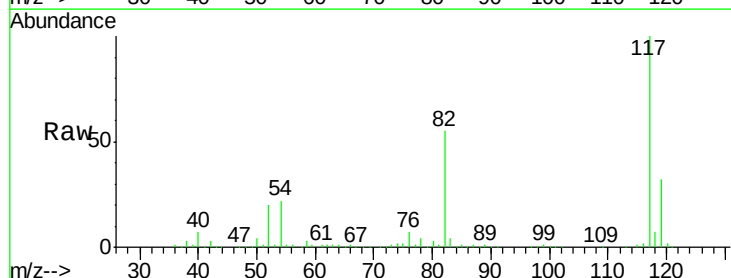
Tgt Ion: 117 Resp: 241852

Ion Ratio Lower Upper

117 100

82 55.3 45.9 68.9

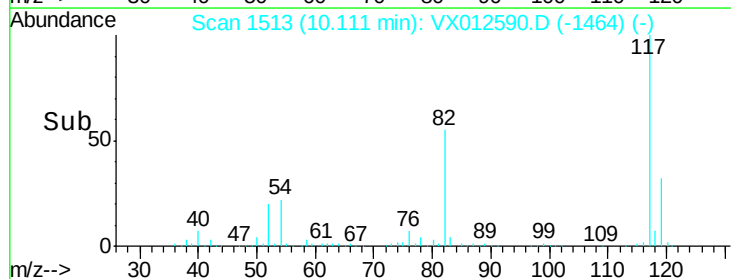
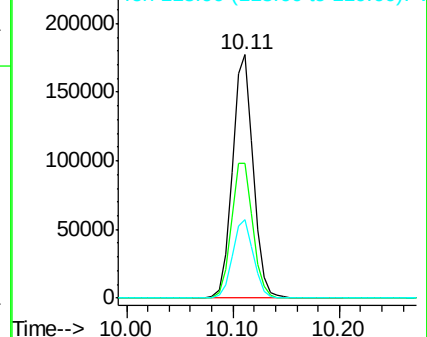
119 32.0 25.3 37.9

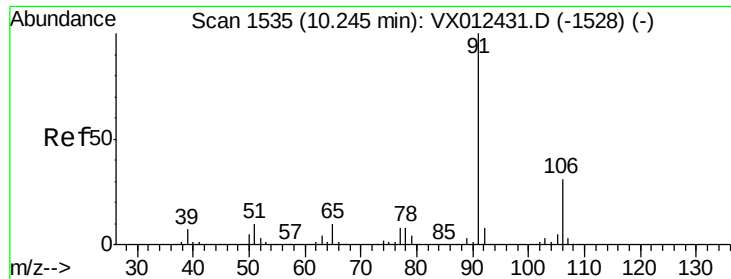


Abundance Ion 116.90 (116.60 to 117.60): VX012590.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012590.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012590.D (-1464) (-)

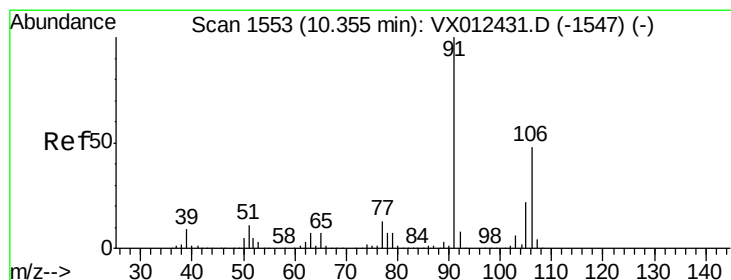
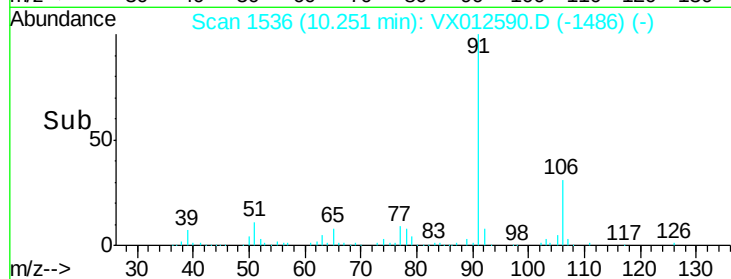
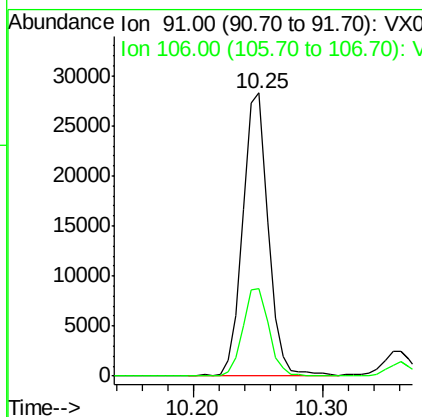
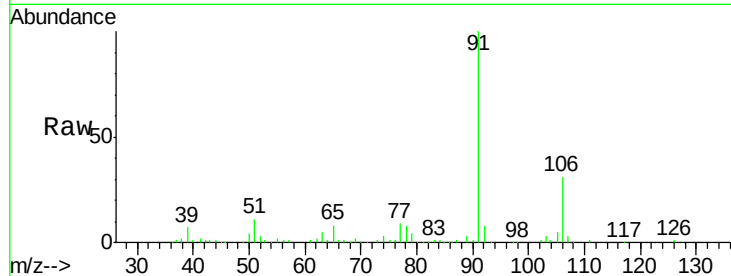




#67
Ethyl Benzene
Concen: 5.637 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

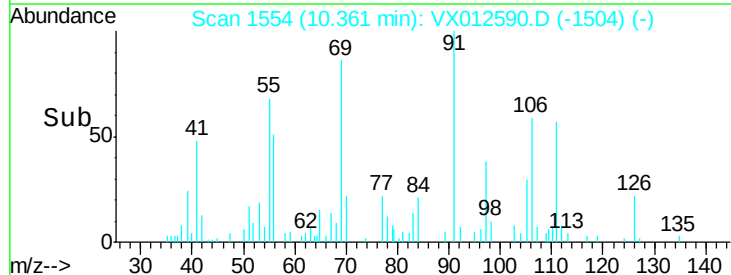
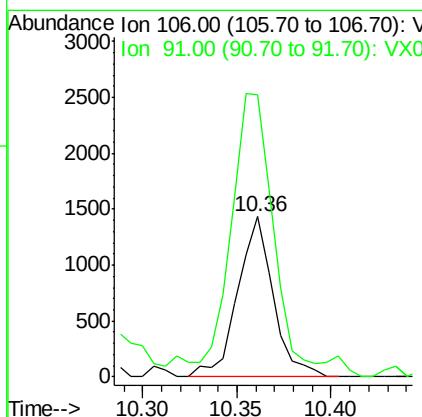
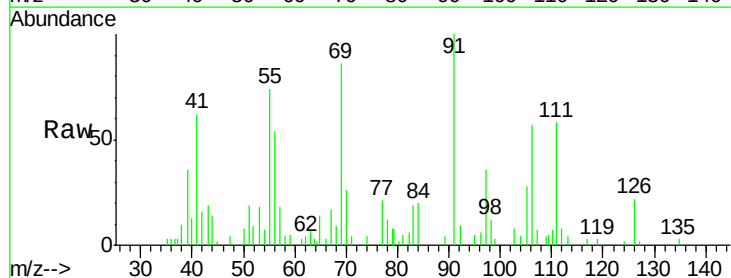
Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

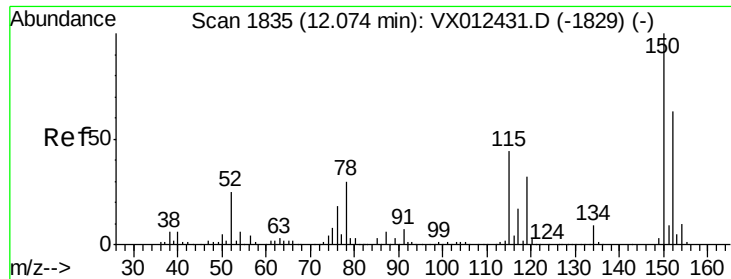
Tot Ion: 91 Resp: 38659
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 0.755 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 106 Resp: 1883
Ion Ratio Lower Upper
106 100
91 194.6 166.6 250.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

Z2-0164

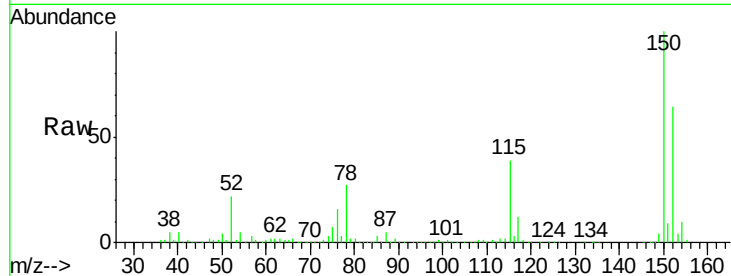
Tot Ion:152 Resp: 101813

Ion Ratio Lower Upper

152 100

115 63.8 44.1 132.3

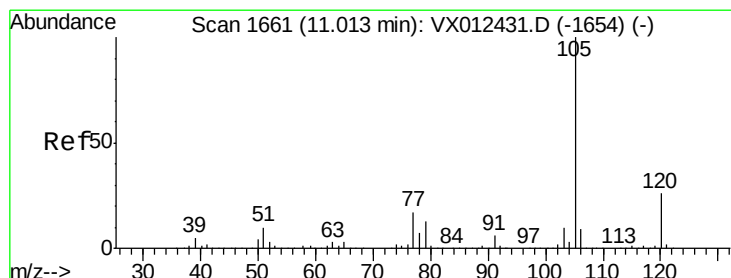
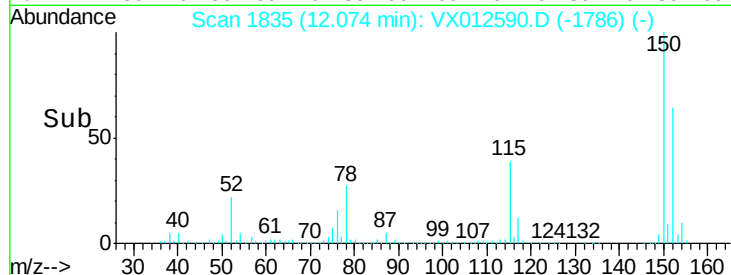
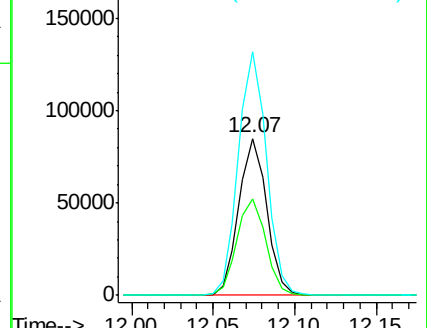
150 156.1 0.0 343.8



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: 4.550 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012590.D

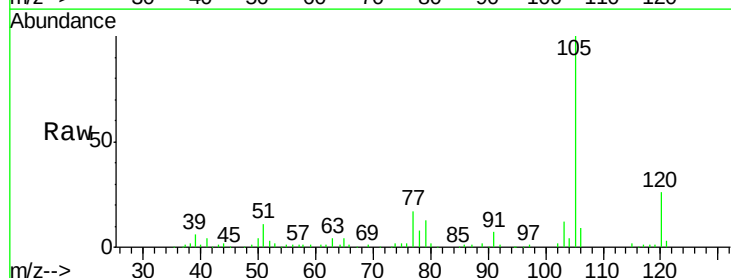
Acq: 21 Sep 2019 04:49

Tgt Ion:105 Resp: 29066

Ion Ratio Lower Upper

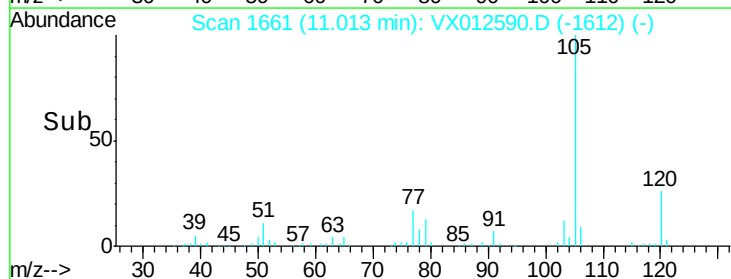
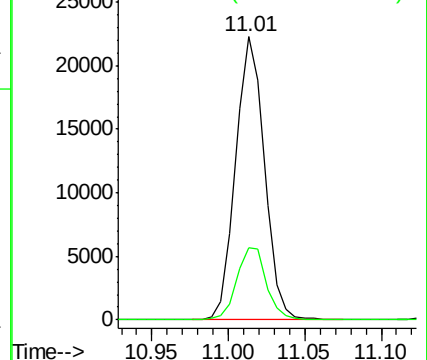
105 100

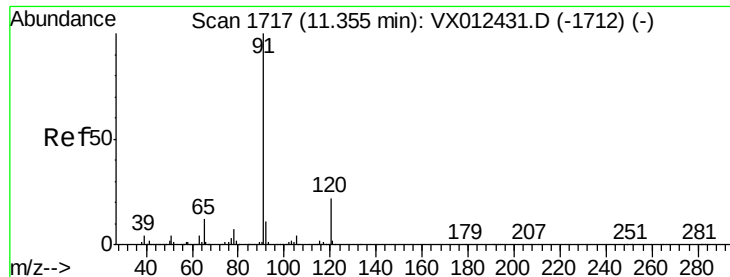
120 26.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.307 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampled :

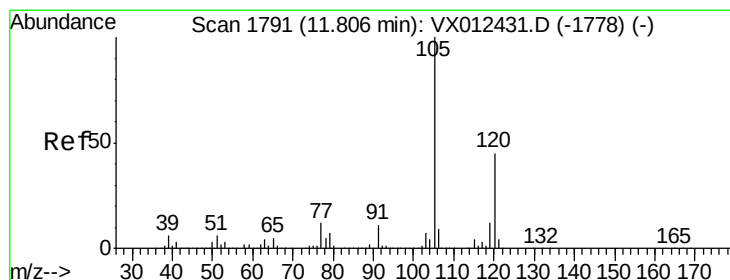
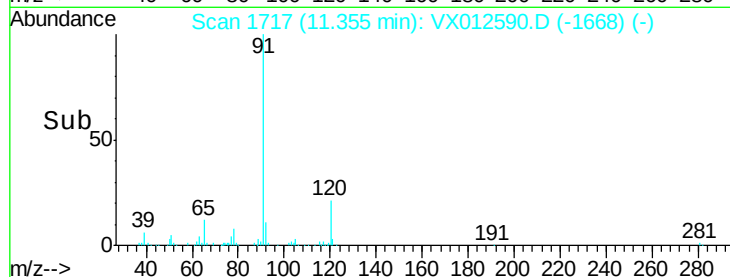
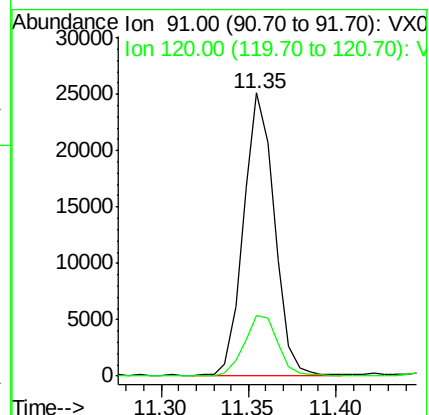
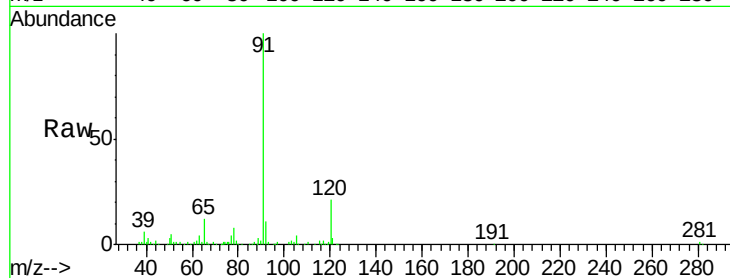
Z2-0164

Tot Ion: 91 Resp: 30663

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.8



#84

1,2,4-Trimethylbenzene

Concen: 0.347 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012590.D

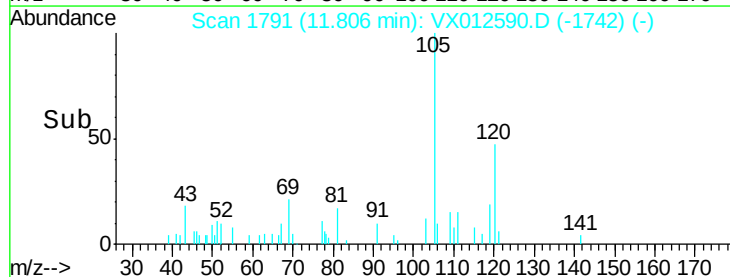
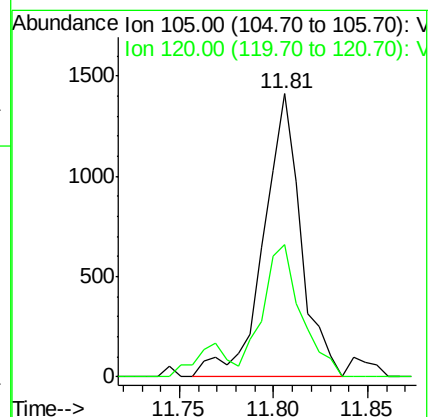
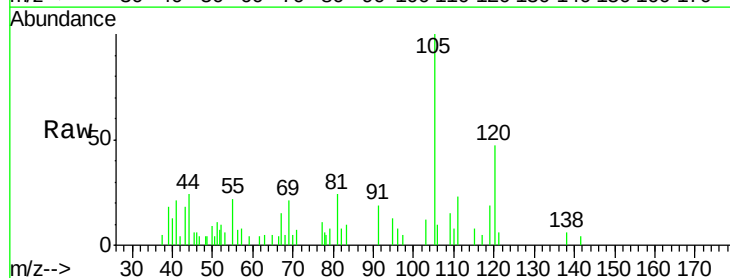
Acq: 21 Sep 2019 04:49

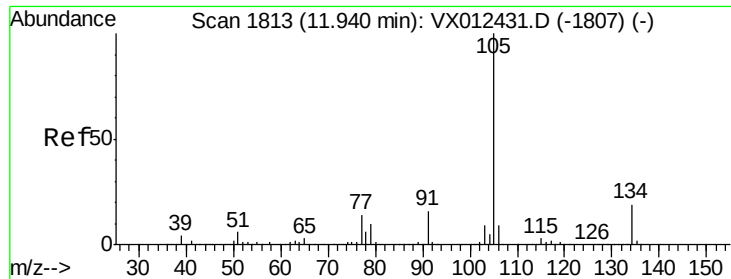
Tgt Ion: 105 Resp: 1940

Ion Ratio Lower Upper

105 100

120 48.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 0.843 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

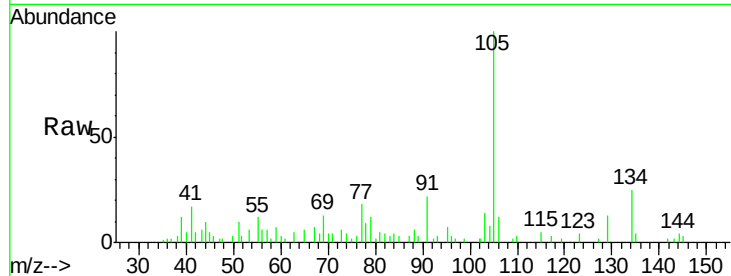
Z2-0164

Tot Ion:105 Resp: 5426

Ion Ratio Lower Upper

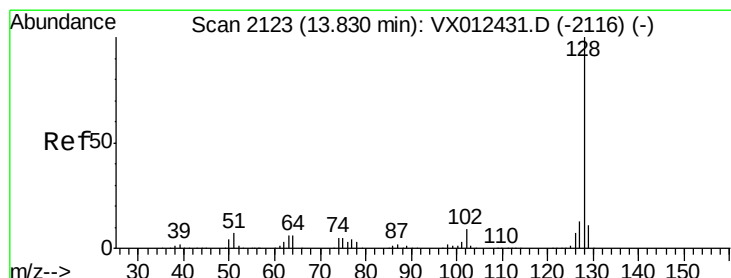
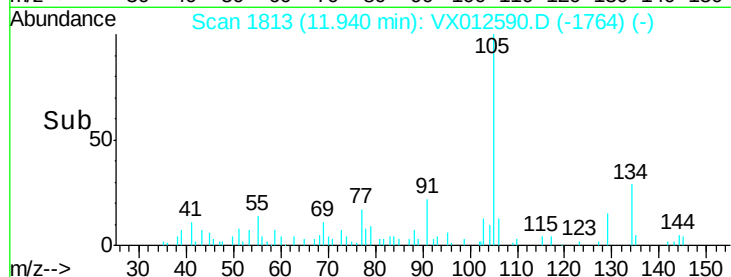
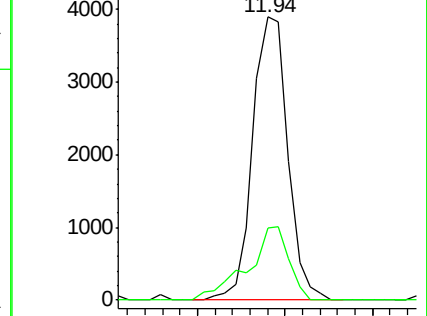
105 100

134 30.4 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 0.598 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

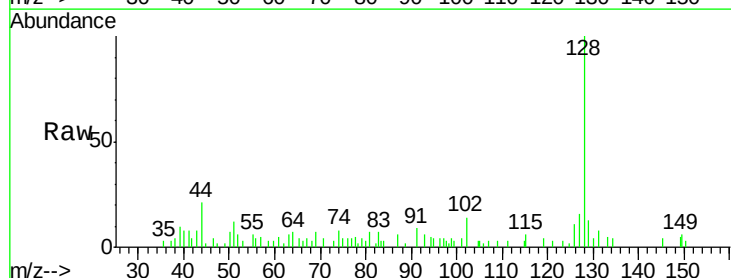
Tgt Ion:128 Resp: 4199

Ion Ratio Lower Upper

128 100

127 20.8 10.2 15.4#

129 14.5 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

