

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014385.D
 Acq On : 31 Dec 2019 17:13
 Operator : JC/SP
 Sample : K6462-01ME 5X
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K500-1ME

Quant Time: Jan 02 12:05:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	497172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	764763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	718694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	368934	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	273262	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	5.49	113	221007	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	925962	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.14	95	355965	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	

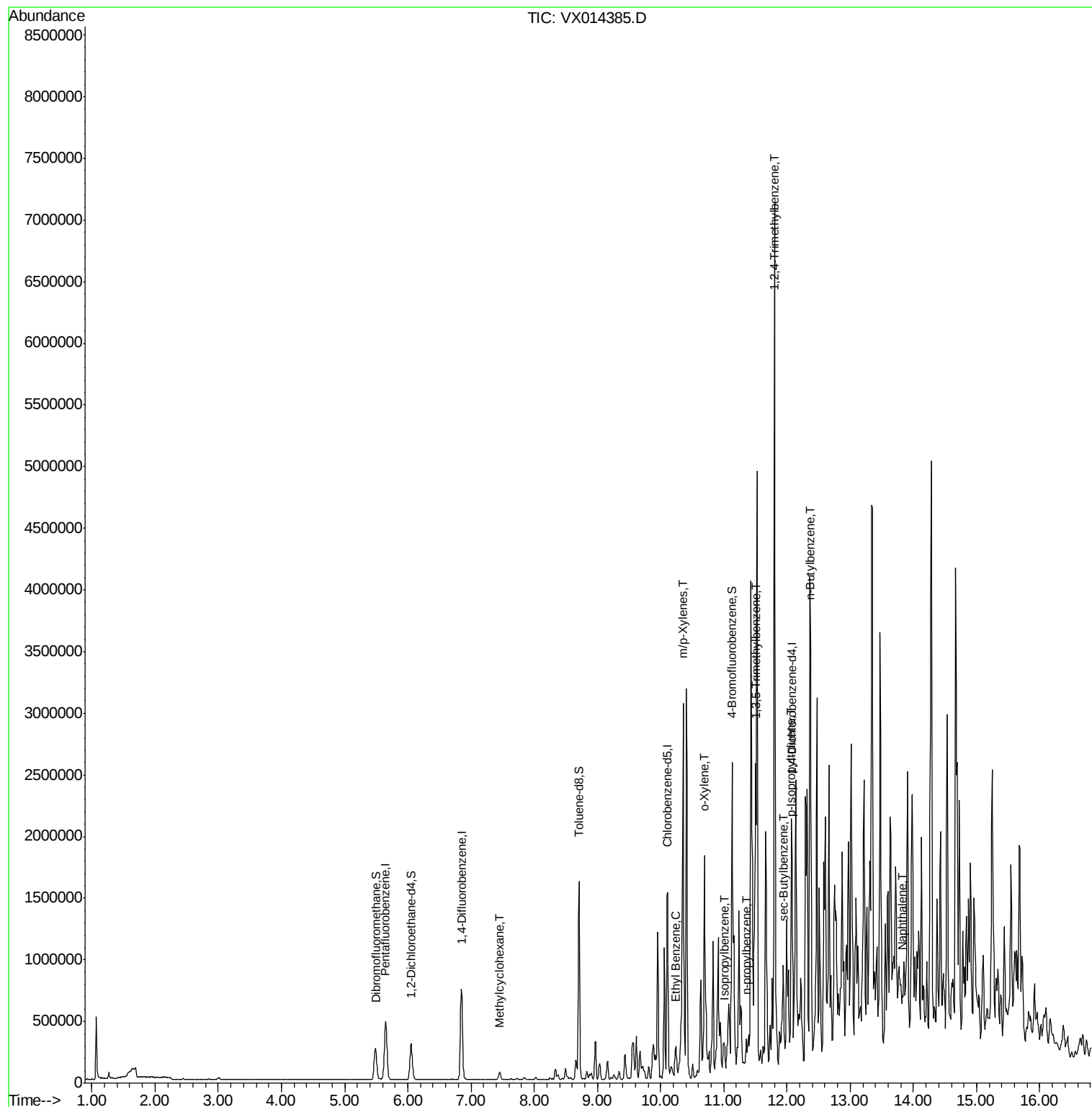
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.45	83	25404	2.932	ug/l	93
67) Ethyl Benzene	10.25	91	59506	2.265	ug/l	100
68) m/p-Xylenes	10.35	106	694781	68.759	ug/l	100
69) o-Xylene	10.70	106	399900	40.353	ug/l	99
73) Isopropylbenzene	11.01	105	56568	2.178	ug/l	98
78) n-propylbenzene	11.35	91	140394	4.819	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	903292	41.319	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2959325	135.173	ug/l	98
85) sec-Butylbenzene	11.94	105	165968	6.608	ug/l	83
86) p-Isopropyltoluene	12.06	119	104560	4.551	ug/l	99
89) n-Butylbenzene	12.38	91	434798	22.180	ug/l #	26
95) Naphthalene	13.83	128	223513	9.283	ug/l #	92

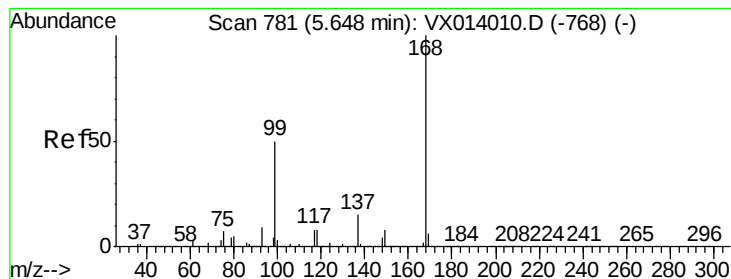
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX123119\
Data File : VX014385.D
Acq On : 31 Dec 2019 17:13
Operator : JC/SP
Sample : K6462-01ME 5X
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
K500-1ME

Quant Time: Jan 02 12:05:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

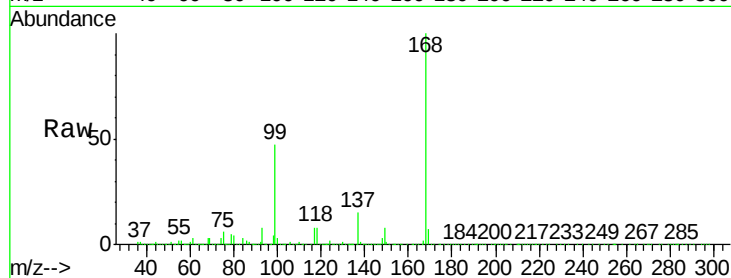
K500-1ME

Tot Ion:168 Resp: 497172

Ion Ratio Lower Upper

168 100

99 47.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

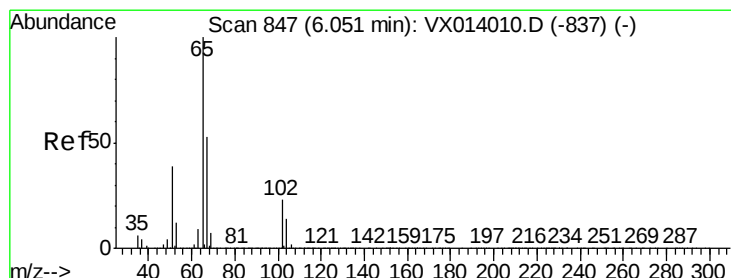
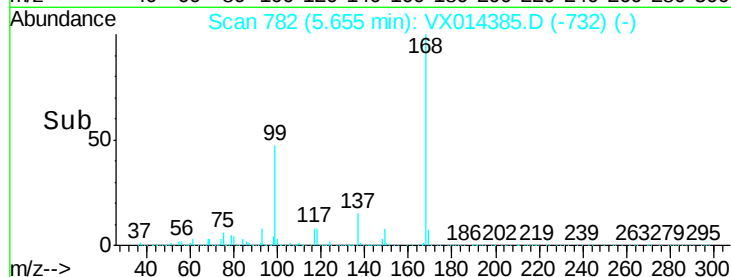
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.496 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014385.D

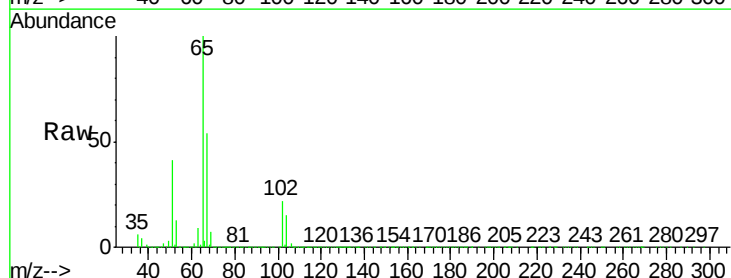
Acq: 31 Dec 2019 17:13

Tgt Ion: 65 Resp: 273262

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

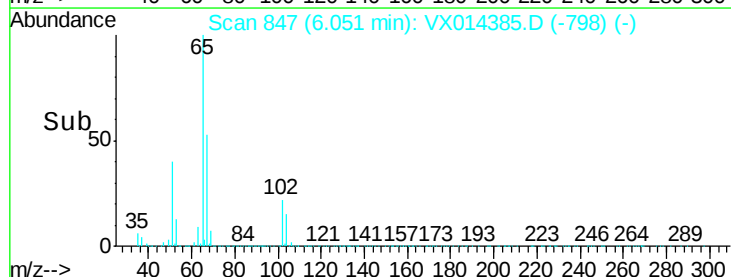
40000

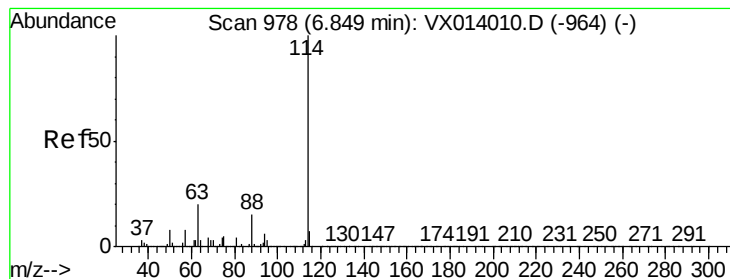
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

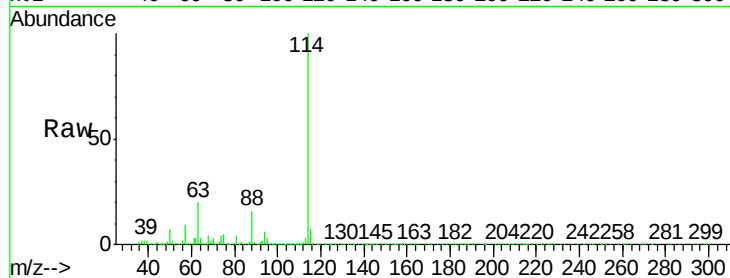
Tot Ion:114 Resp: 764763

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

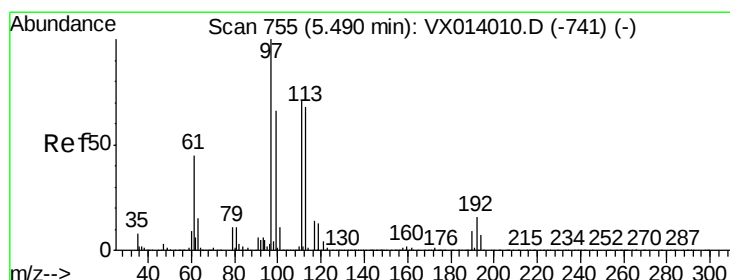
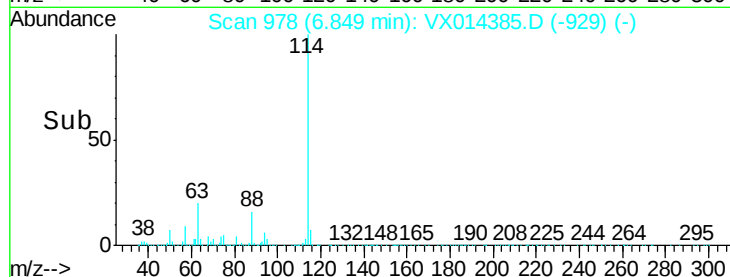
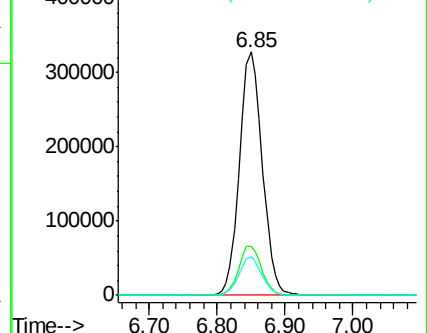
88 15.7 0.0 30.4



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: 47.539 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

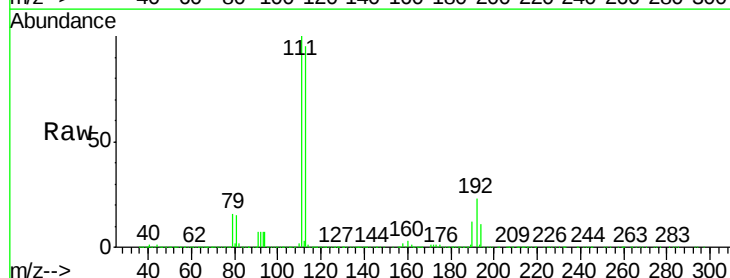
Tgt Ion:113 Resp: 221007

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

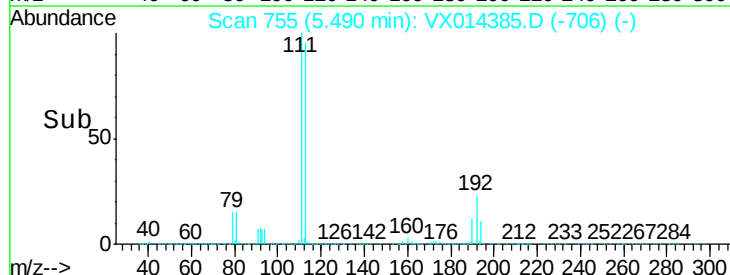
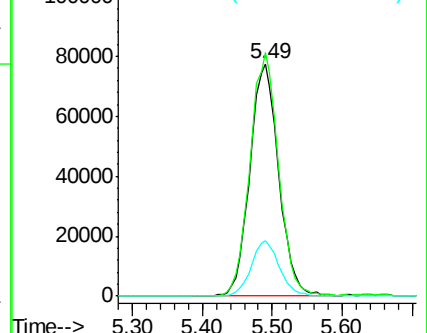
192 23.5 19.3 28.9

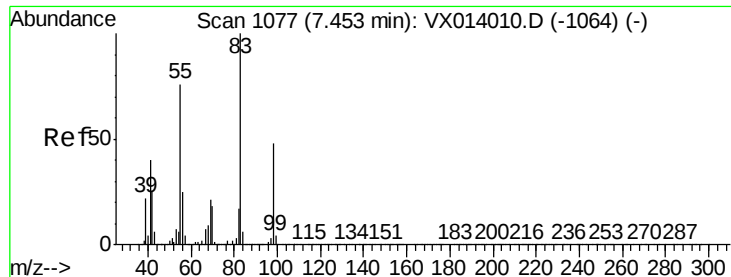


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

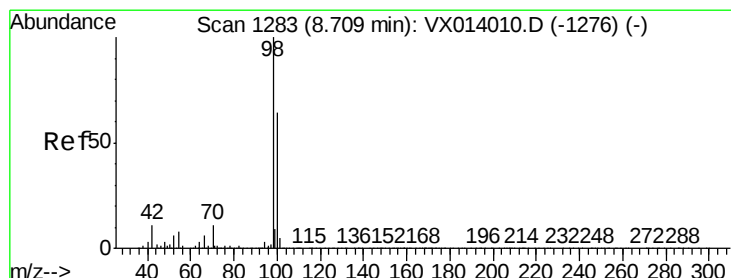
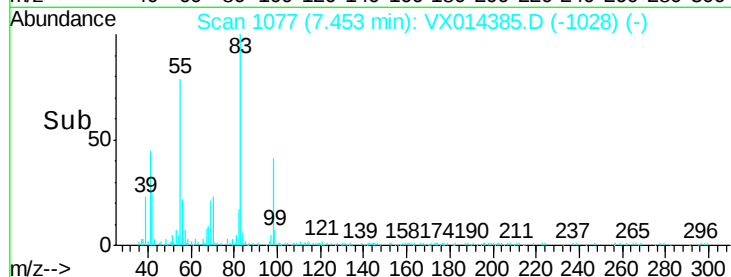
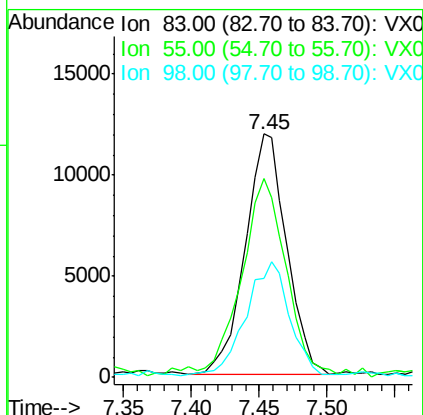
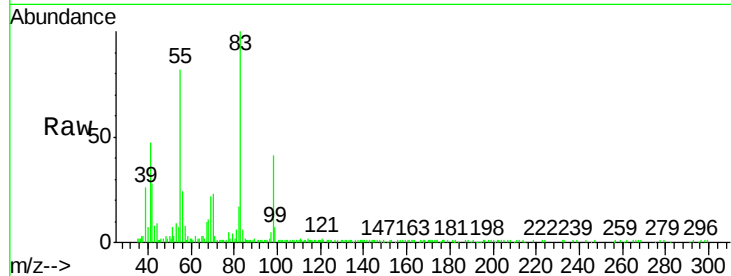




#39
Methvlcvclohexane
Concen: 2.932 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

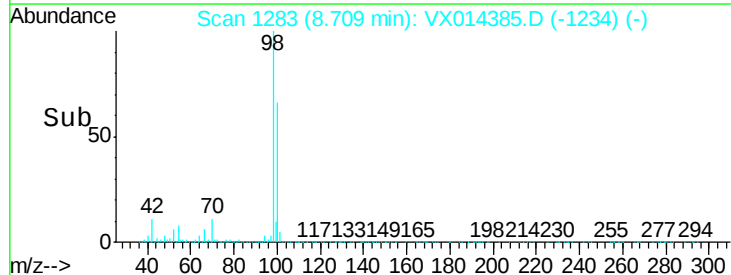
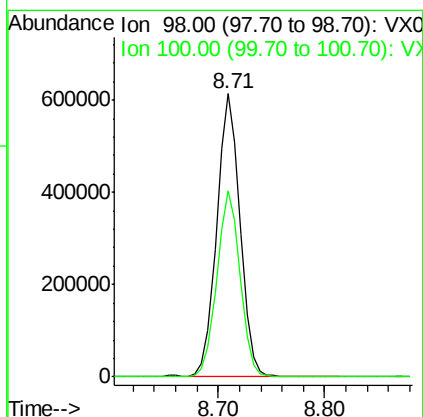
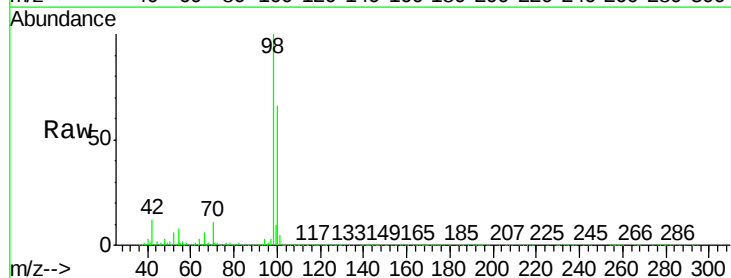
Instrument :
MSVOA_X
ClientSampleId :
K500-1ME

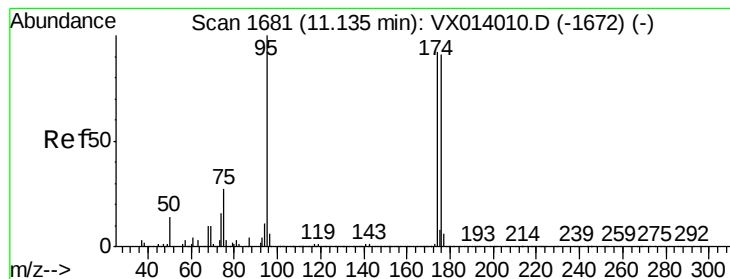
Tot Ion	83	Resp	25404
Ion Ratio	Lower	Upper	
83	100		
55	79.8	61.0	91.6
98	39.8	38.6	57.8



#50
Toluene-d8
Concen: 51.160 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

Tgt Ion	98	Resp	925962
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 53.803 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

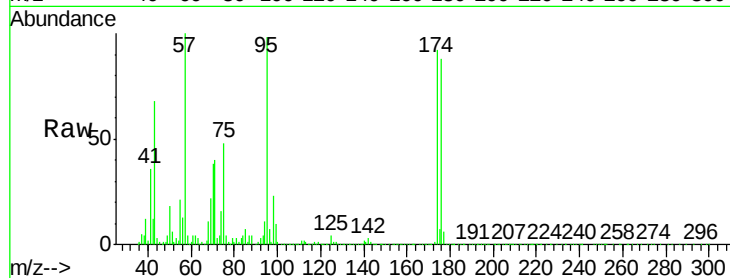
Tot Ion: 95 Resp: 355965

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.8

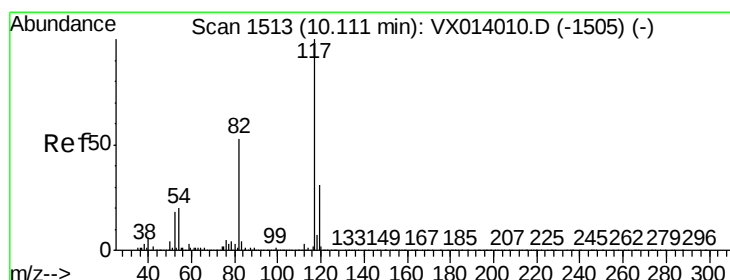
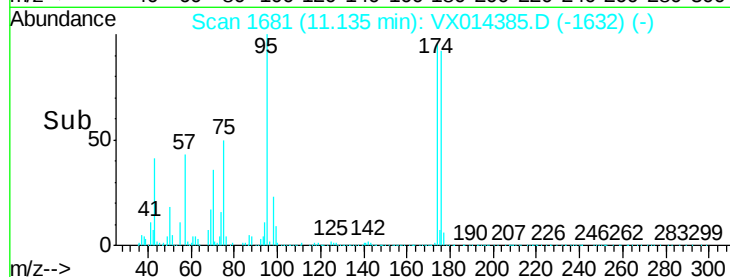
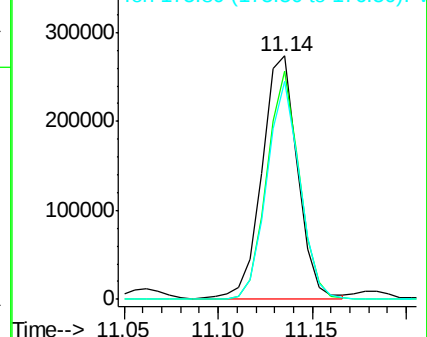
176 83.3 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014385.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014385.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014385.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

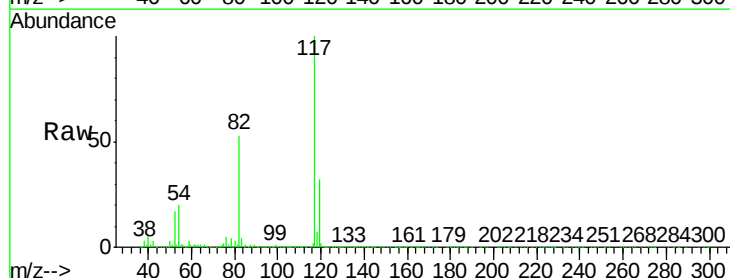
Tgt Ion: 117 Resp: 718694

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.4

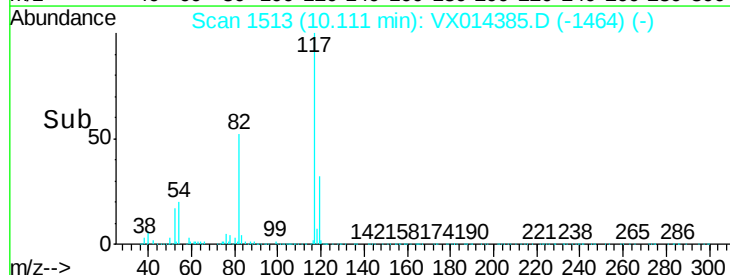
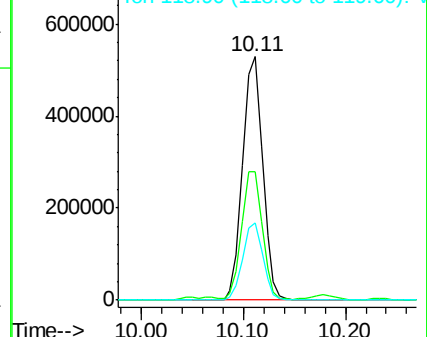
119 31.7 25.1 37.7

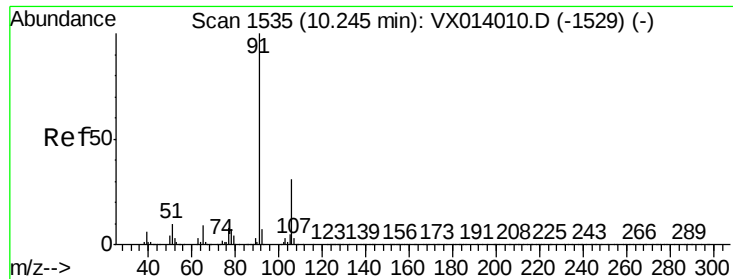


Abundance Ion 116.90 (116.60 to 117.60): VX014385.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014385.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014385.D (-1464) (-)





#67

Ethyl Benzene

Concen: 2.265 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

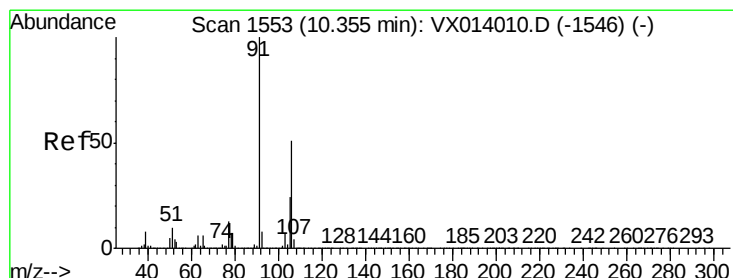
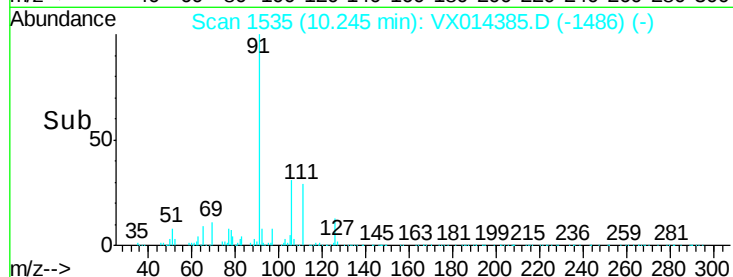
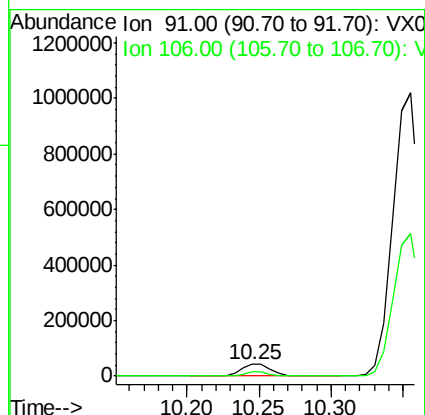
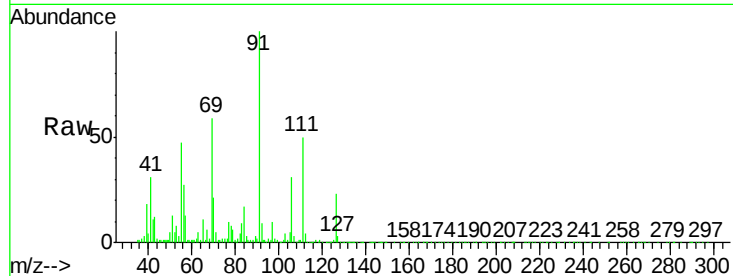
K500-1ME

Tot Ion: 91 Resp: 59506

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 68.759 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014385.D

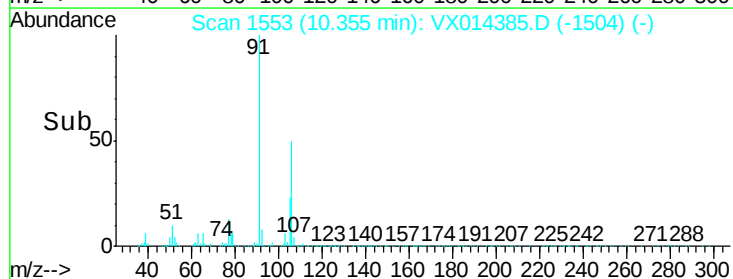
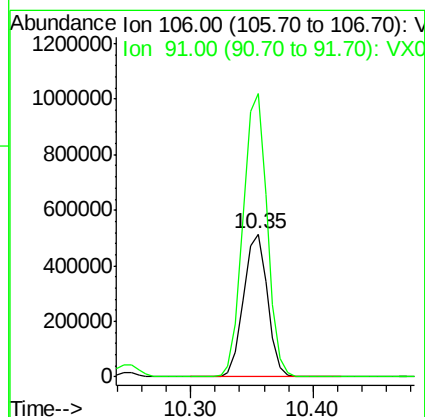
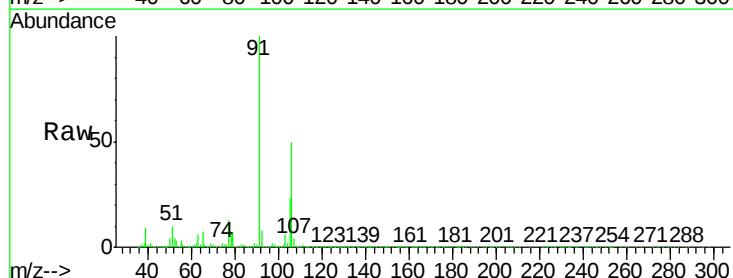
Acq: 31 Dec 2019 17:13

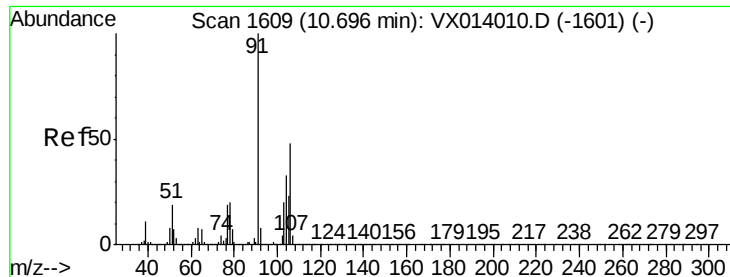
Tgt Ion: 106 Resp: 694781

Ion Ratio Lower Upper

106 100

91 199.0 158.6 238.0

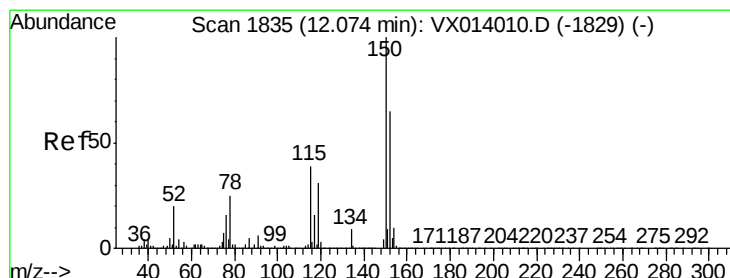
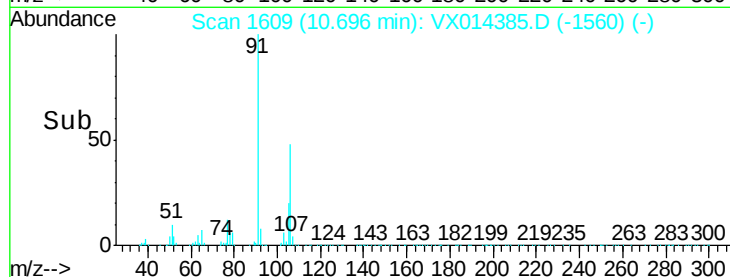
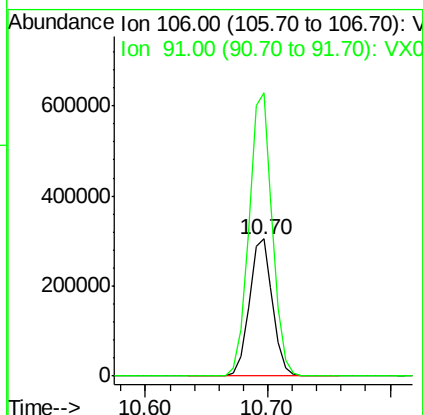
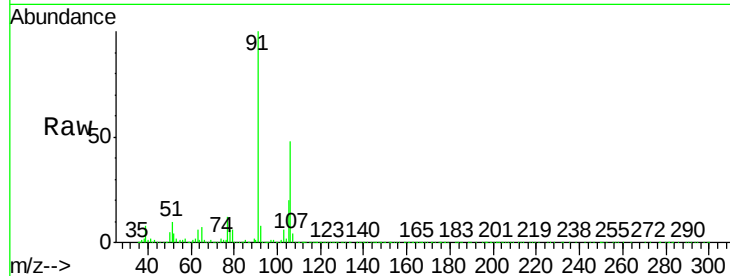




#69
o-Xylene
Concen: 40.353 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

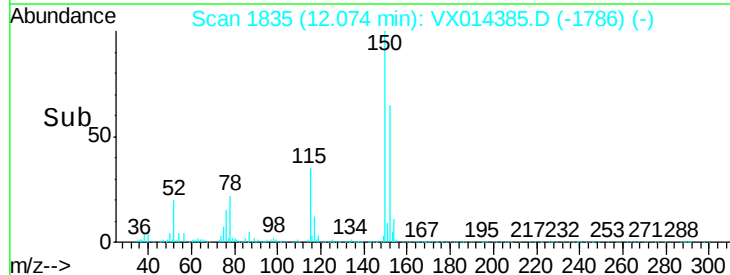
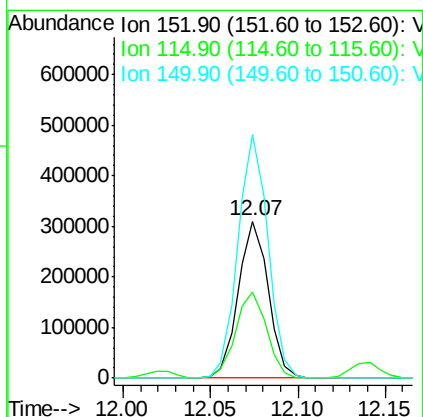
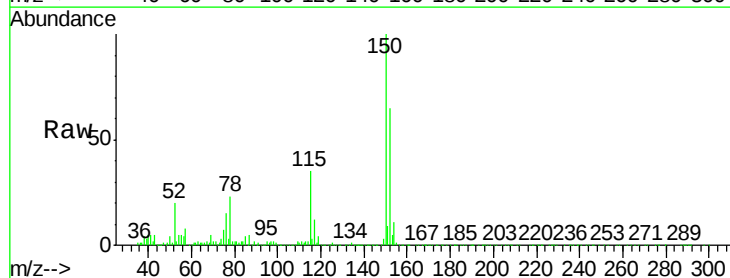
Instrument :
MSVOA_X
ClientSampleId :
K500-1ME

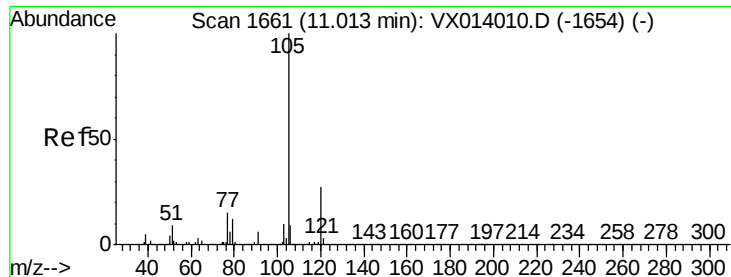
Tot Ion:106 Resp: 399900
Ion Ratio Lower Upper
106 100
91 207.1 104.2 312.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

Tgt Ion:152 Resp: 368934
Ion Ratio Lower Upper
152 100
115 56.9 38.3 114.9
150 155.8 0.0 345.4





#73

Isopropylbenzene

Concen: 2.178 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

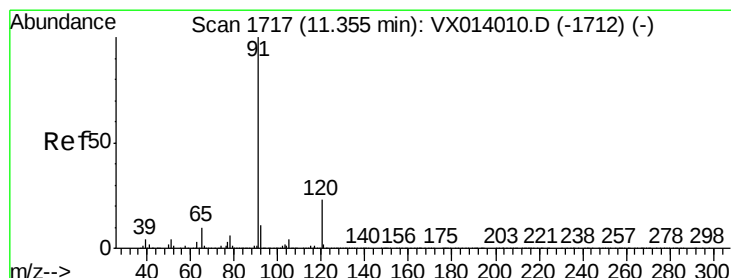
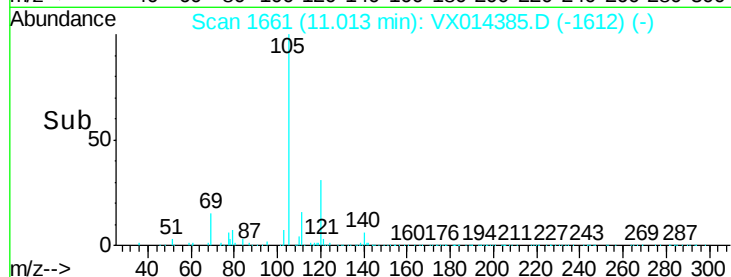
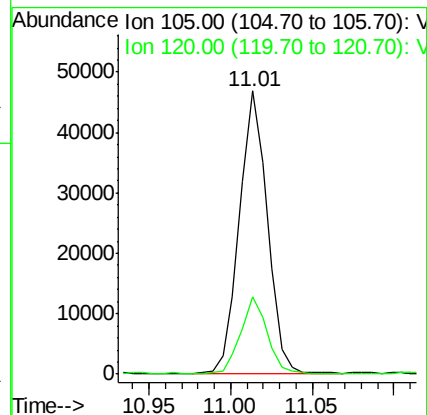
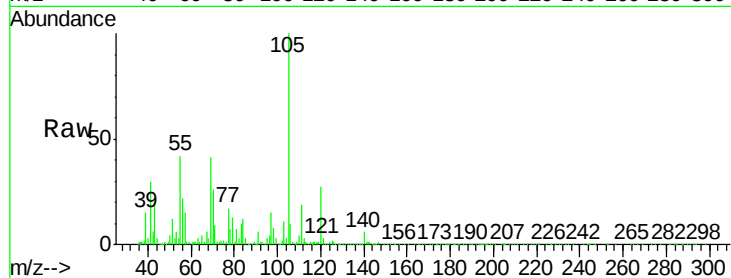
K500-1ME

Tot Ion:105 Resp: 56568

Ion Ratio Lower Upper

105 100

120 26.1 13.5 40.4



#78

n-propylbenzene

Concen: 4.819 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014385.D

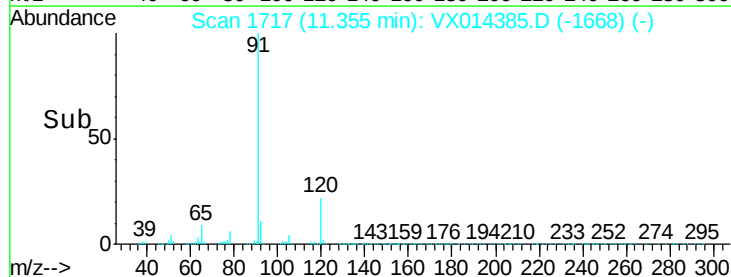
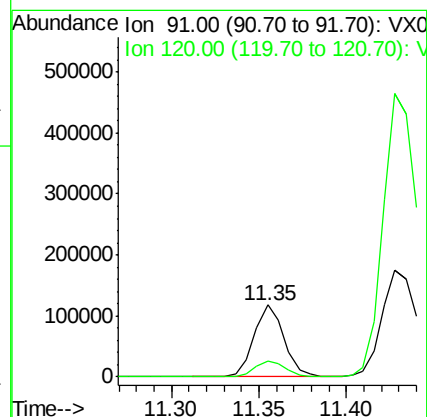
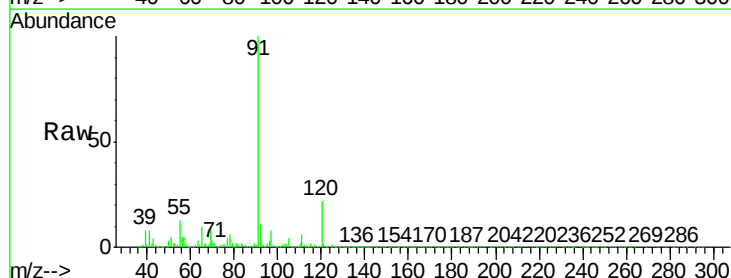
Acq: 31 Dec 2019 17:13

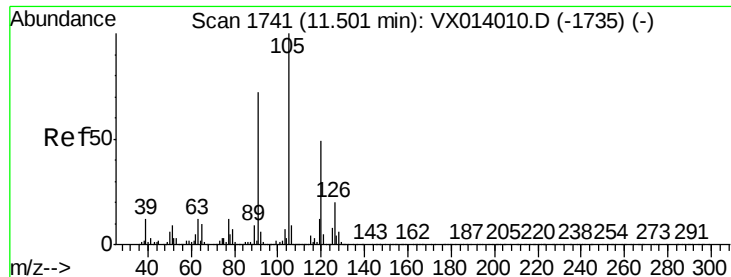
Tgt Ion: 91 Resp: 140394

Ion Ratio Lower Upper

91 100

120 22.2 11.7 35.0

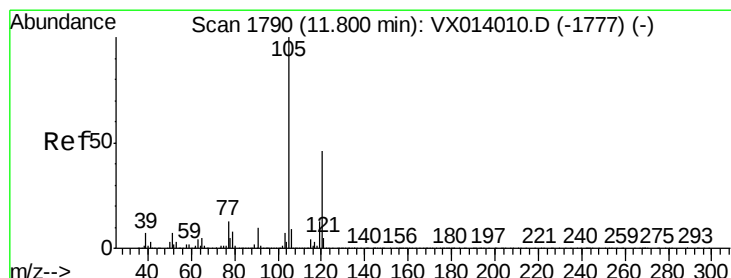
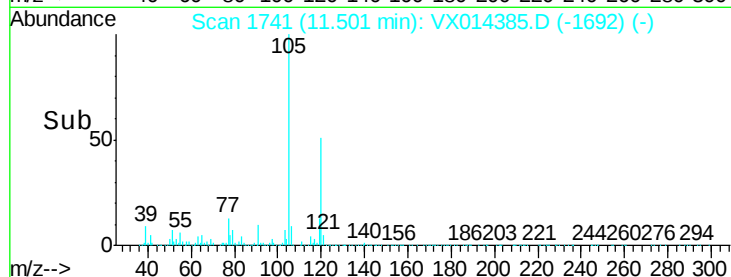
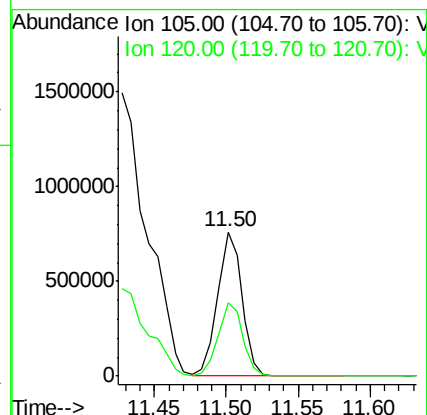
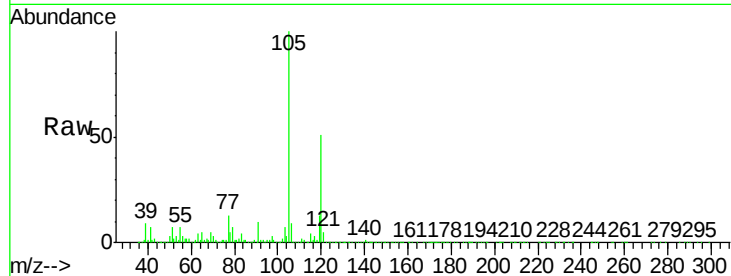




#80
 1,3,5-Trimethylbenzene
 Concen: 41.319 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

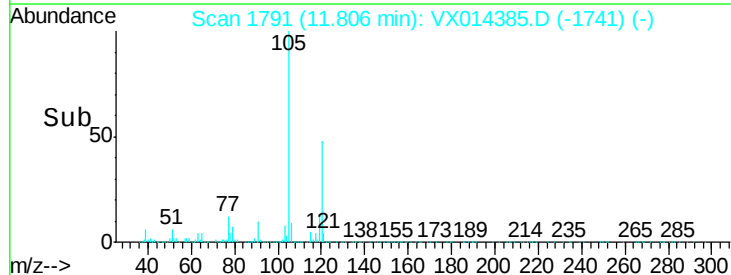
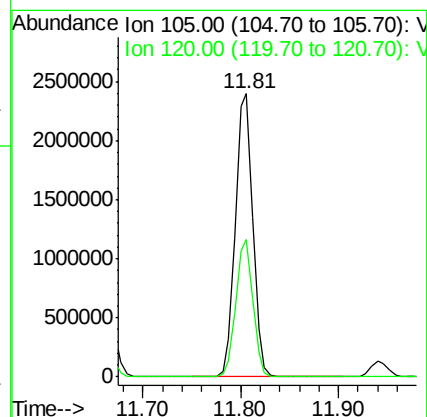
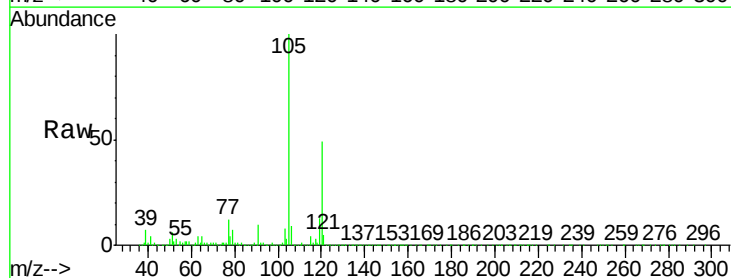
Instrument :
 MSVOA_X
 ClientSampleId :
 K500-1ME

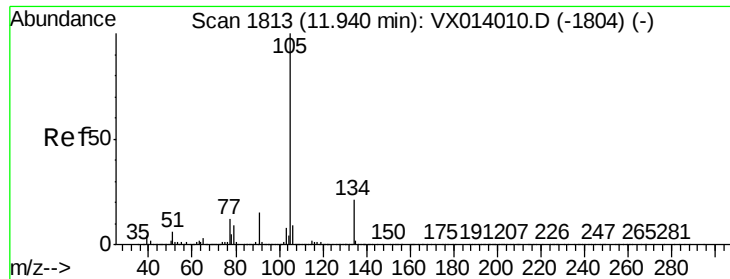
Tot Ion:105 Resp: 903292
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.3 75.8



#84
 1,2,4-Trimethylbenzene
 Concen: 135.173 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

Tgt Ion:105 Resp: 2959325
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.1 69.2

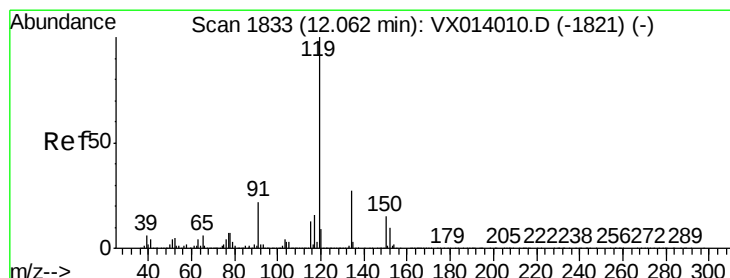
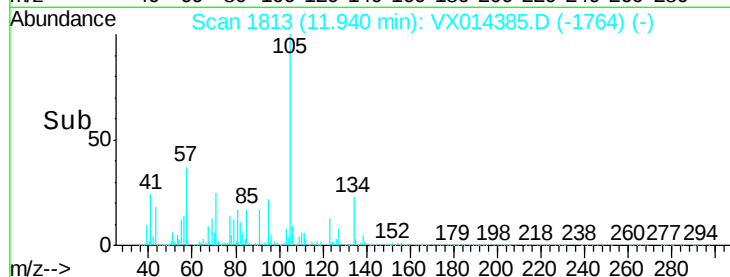
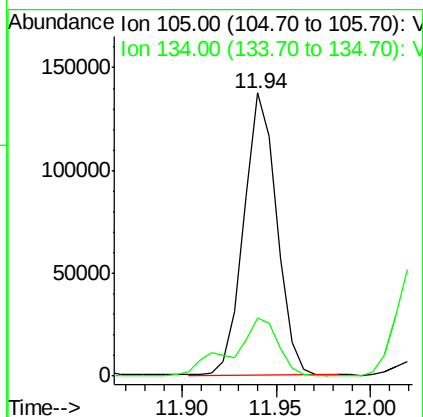
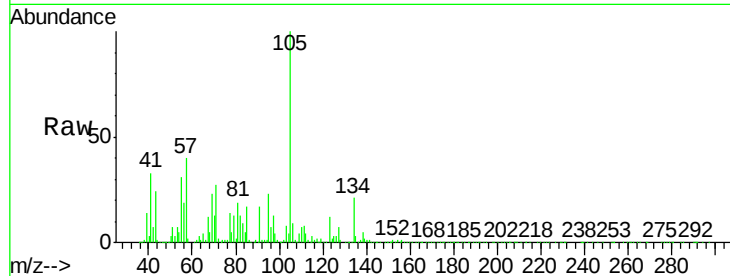




#85
 sec-Butylbenzene
 Concen: 6.608 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

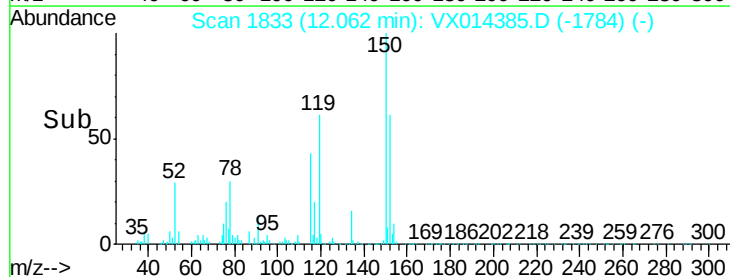
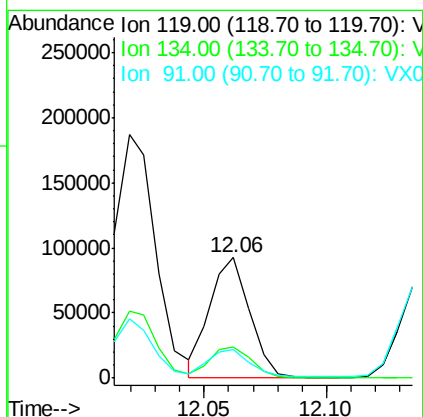
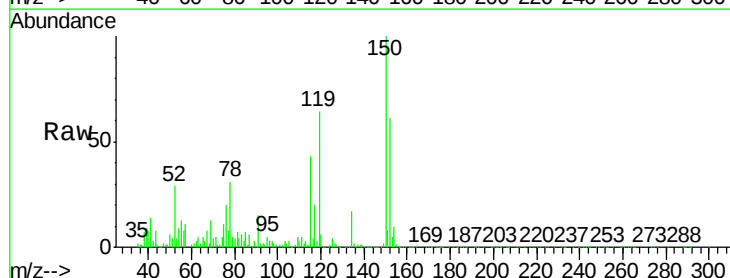
Instrument :
 MSVOA_X
 ClientSampled :
 K500-1ME

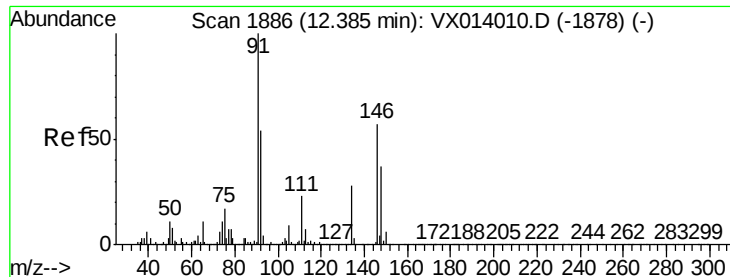
Tot Ion:105 Resp: 165968
 Ion Ratio Lower Upper
 105 100
 134 28.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.551 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

Tgt Ion:119 Resp: 104560
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 22.9 11.4 34.1





#89

n-Butylbenzene

Concen: 22.180 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

K500-1ME

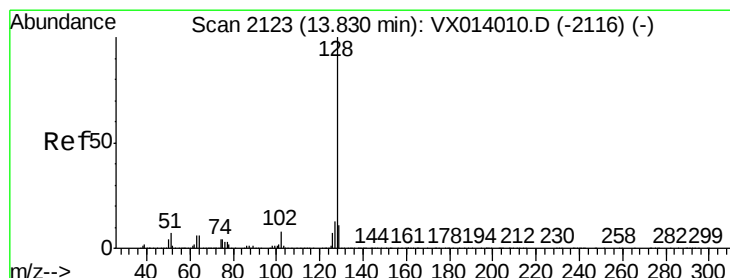
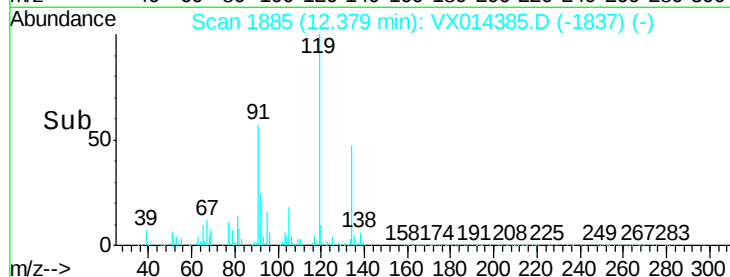
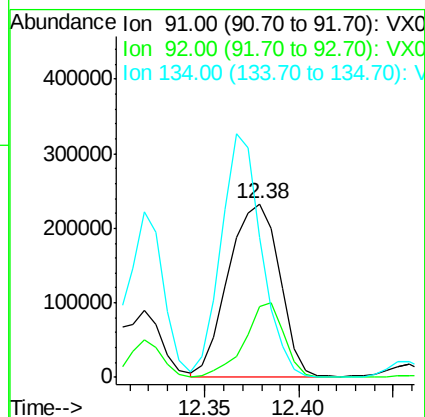
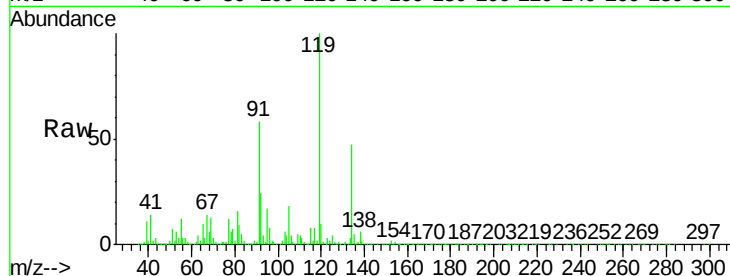
Tot Ion: 91 Resp: 434798

Ion Ratio Lower Upper

91 100

92 33.2 27.2 81.6

134 111.4 13.4 40.1#



#95

Naphthalene

Concen: 9.283 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Tgt Ion: 128 Resp: 223513

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 16.6 8.7 13.1#

