

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014239.D
 Acq On : 24 Dec 2019 12:55
 Operator : JC/SP
 Sample : K6401-01 40X
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

Quant Time: Dec 30 06:46:42 2019
 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	545738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	846897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	774279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	359142	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	303026	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
35) Dibromofluoromethane	5.49	113	248983	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	1003766	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.13	95	359623	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

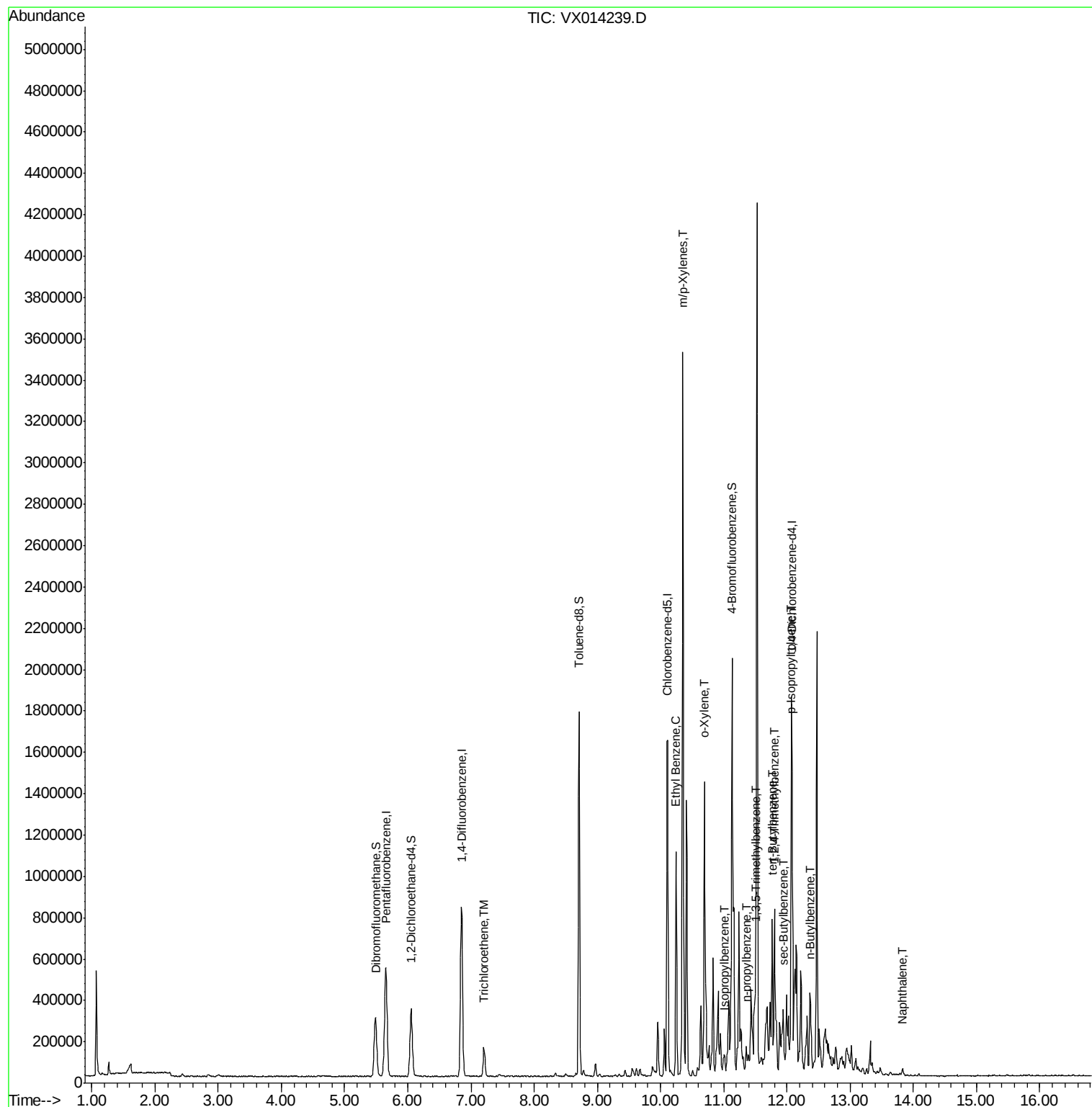
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.20	130	57961	8.777	ug/l	99
67) Ethyl Benzene	10.25	91	610024	21.553	ug/l	100
68) m/p-Xylenes	10.36	106	838419	77.018	ug/l	100
69) o-Xylene	10.70	106	310072	29.042	ug/l	98
73) Isopropylbenzene	11.01	105	30143	1.192	ug/l	97
78) n-propylbenzene	11.35	91	54325	1.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	159951	7.516	ug/l	99
83) tert-Butylbenzene	11.76	119	18055	0.872	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	285716	13.406	ug/l	99
85) sec-Butylbenzene	11.94	105	29012	1.187	ug/l	99
86) p-Isopropyltoluene	12.06	119	29682	1.327	ug/l	96
89) n-Butylbenzene	12.38	91	46866	2.456	ug/l #	31
95) Naphthalene	13.83	128	23076	0.984	ug/l	97

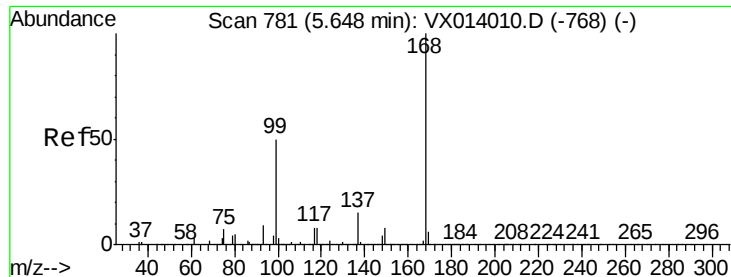
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014239.D

Acq: 24 Dec 2019 12:55

Instrument :

MSVOA_X

ClientSampled :

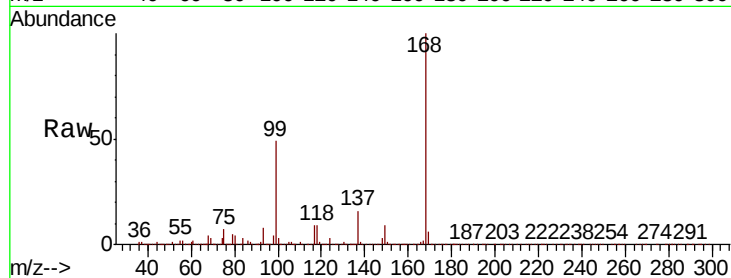
C0B37

Tot Ion:168 Resp: 545738

Ion Ratio Lower Upper

168 100

99 49.4 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

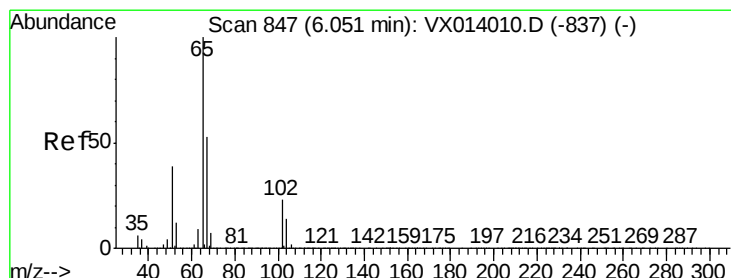
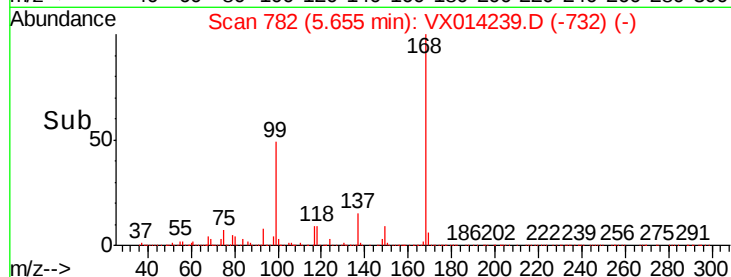
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.992 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014239.D

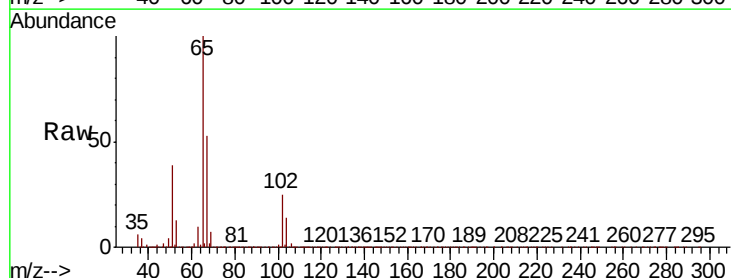
Acq: 24 Dec 2019 12:55

Tgt Ion: 65 Resp: 303026

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

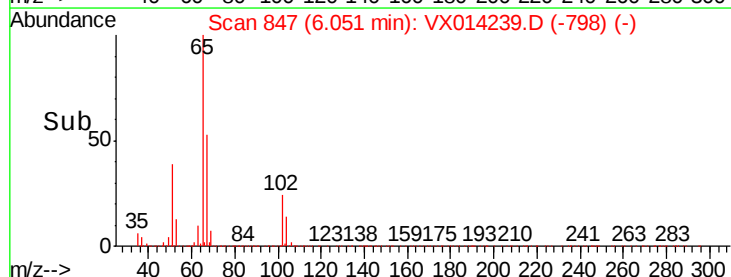
6.05

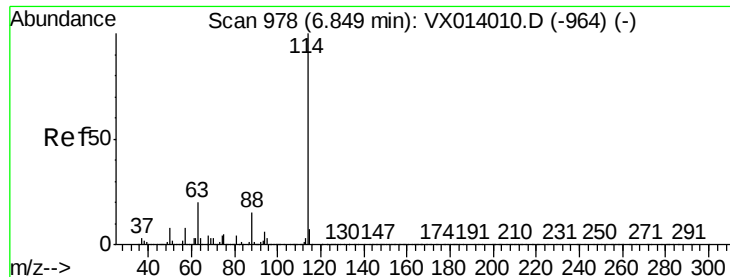
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

C0B37

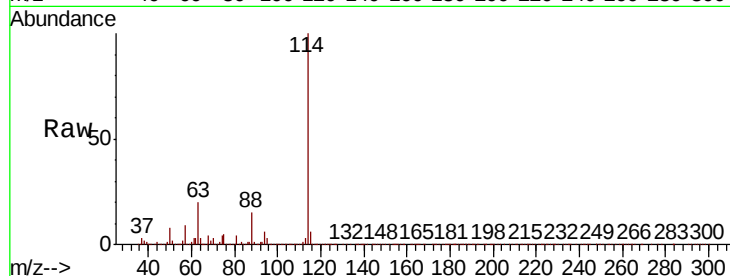
Tot Ion:114 Resp: 846897

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

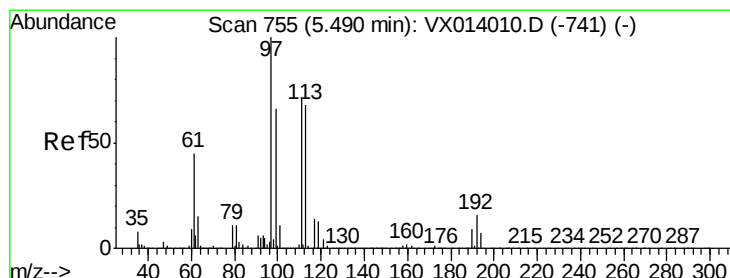
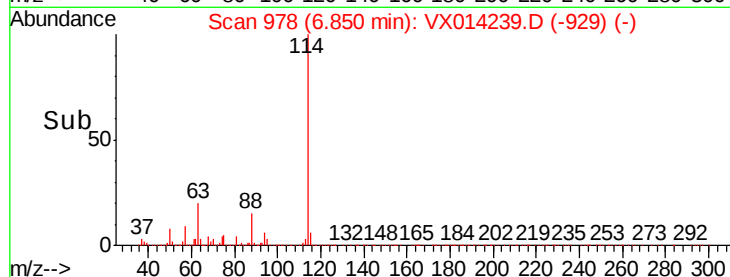
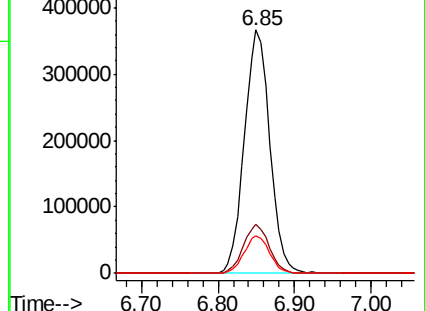
88 15.4 0.0 30.4



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: 48.363 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

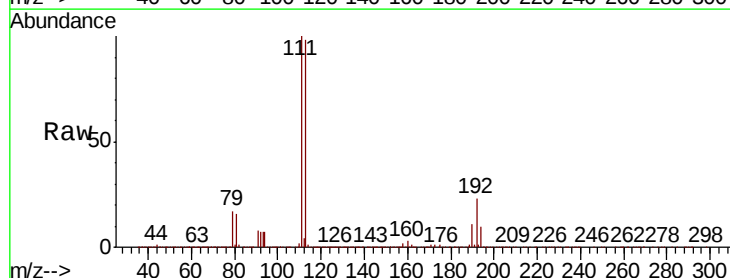
Tgt Ion:113 Resp: 248983

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

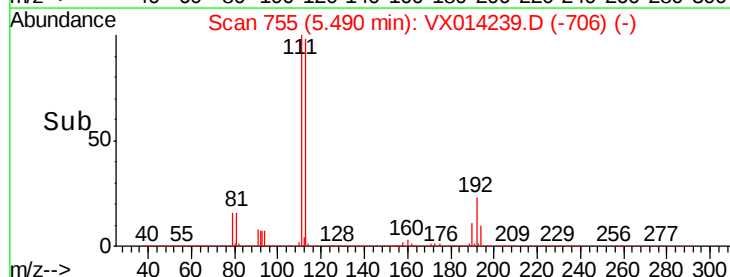
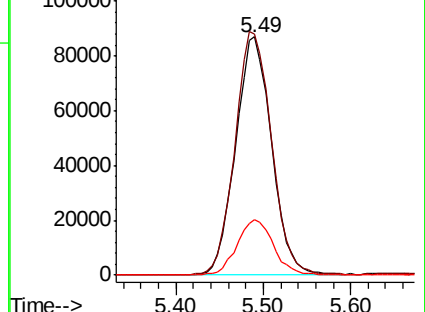
192 23.4 19.3 28.9

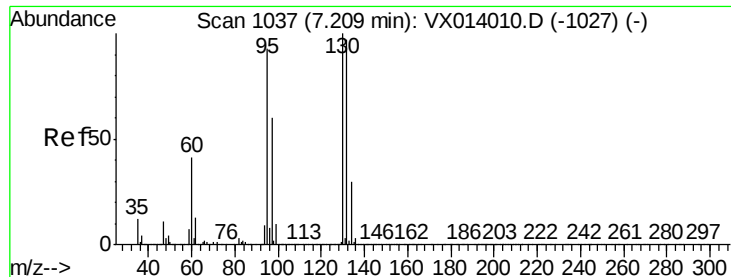


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.777 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

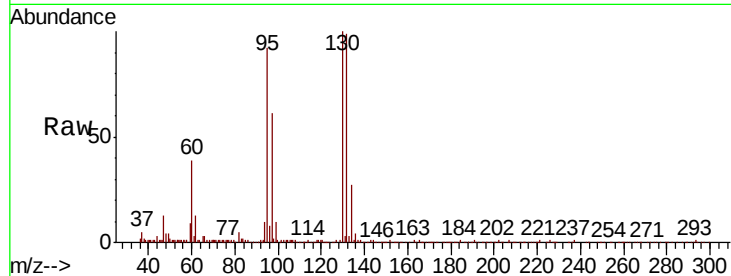
C0B37

Tot Ion:130 Resp: 57961

Ion Ratio Lower Upper

130 100

95 91.9 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

25000

20000

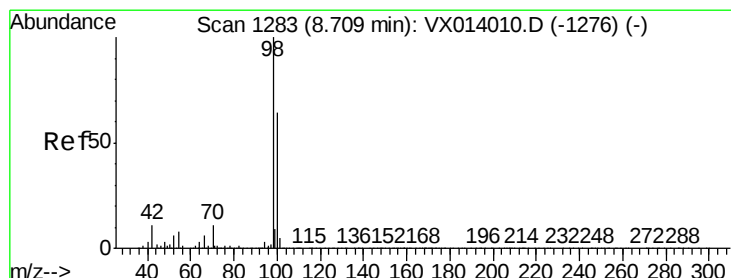
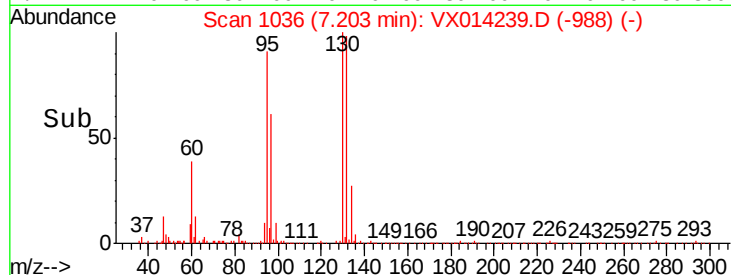
15000

10000

5000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 50.080 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014239.D

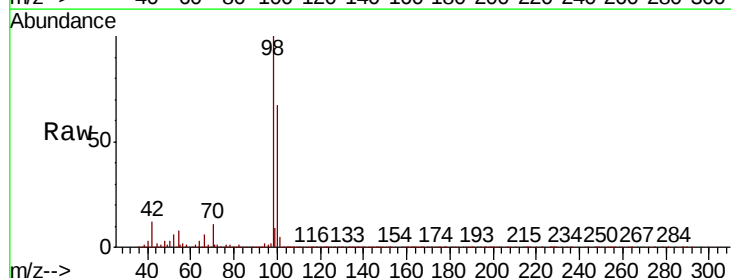
Acq: 24 Dec 2019 12:55

Tgt Ion: 98 Resp: 1003766

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

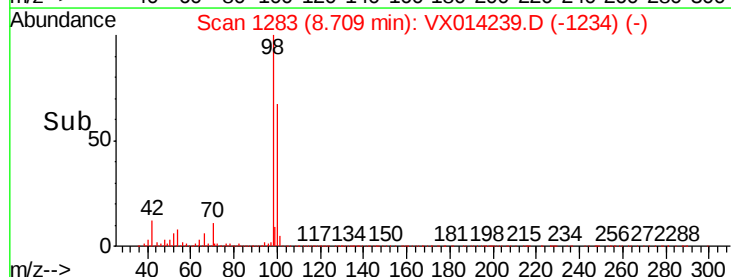
600000

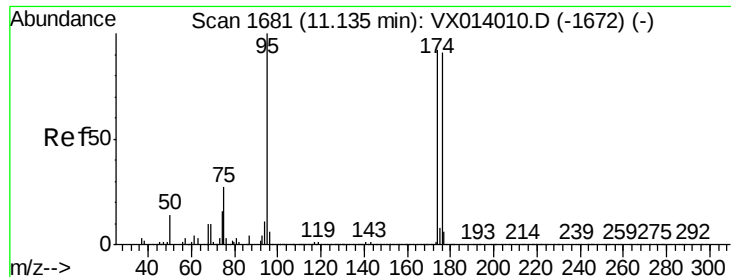
400000

200000

0

Time--> 8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 49.084 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

C0B37

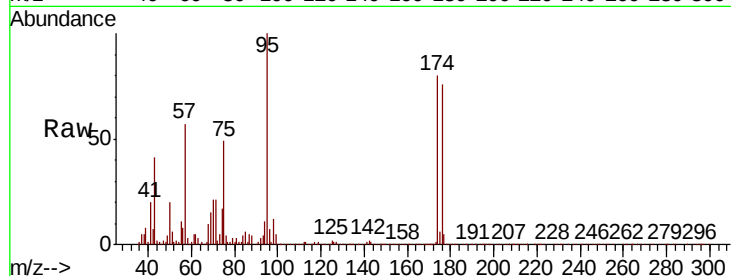
Tot Ion: 95 Resp: 359623

Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 84.3 0.0 173.0

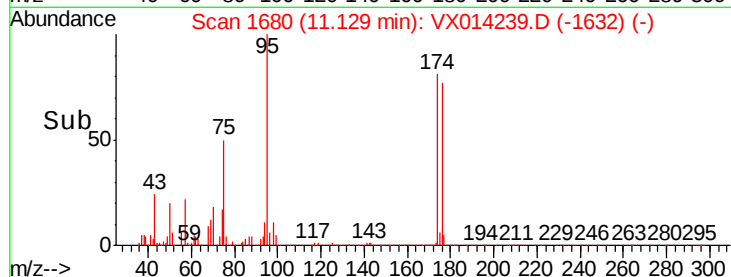


Abundance Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)

Time-->

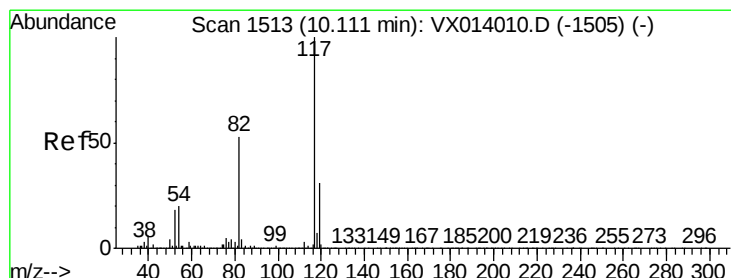


Abundance Ion 94.90 (94.60 to 95.60): VX014239.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014239.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014239.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

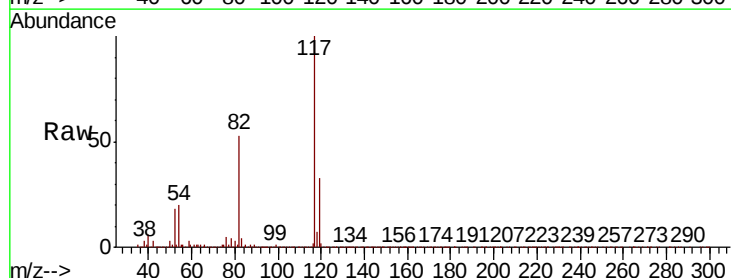
Tgt Ion: 117 Resp: 774279

Ion Ratio Lower Upper

117 100

82 52.8 42.2 63.4

119 33.1 25.1 37.7

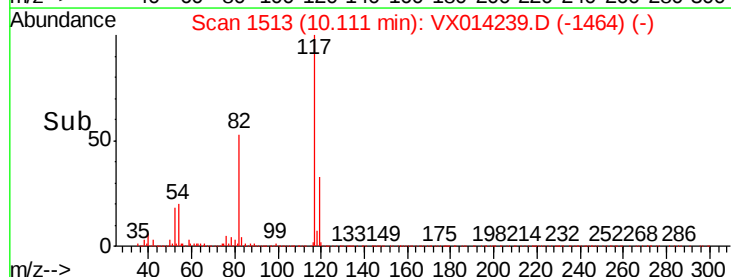


Abundance Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)

Time-->

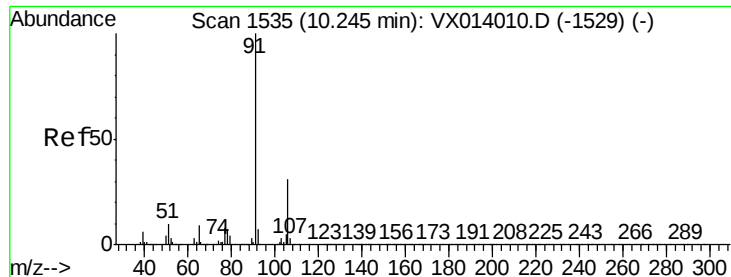


Abundance Ion 116.90 (116.60 to 117.60): VX014239.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014239.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014239.D (-1464) (-)

Time-->



#67

Ethyl Benzene

Concen: 21.553 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

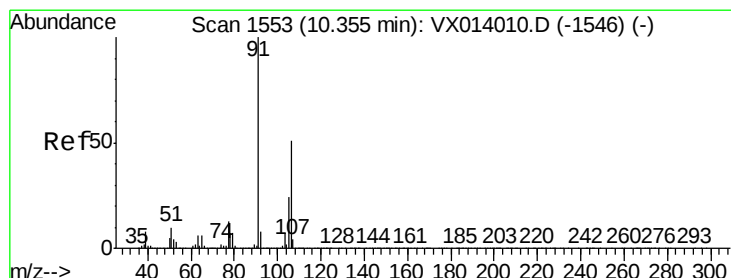
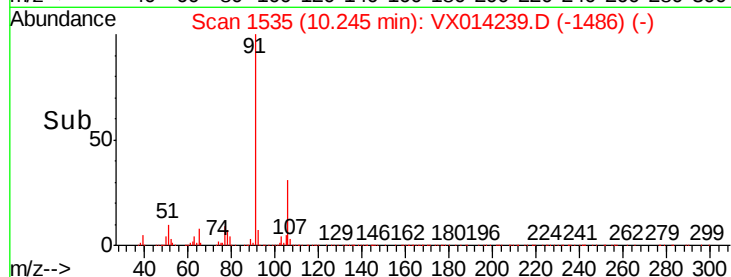
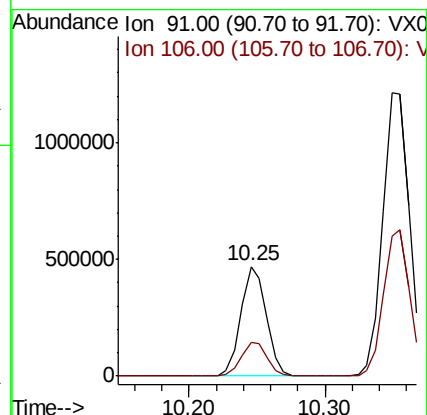
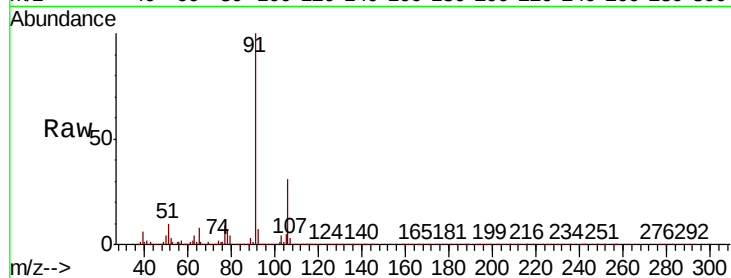
C0B37

Tot Ion: 91 Resp: 610024

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 77.018 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014239.D

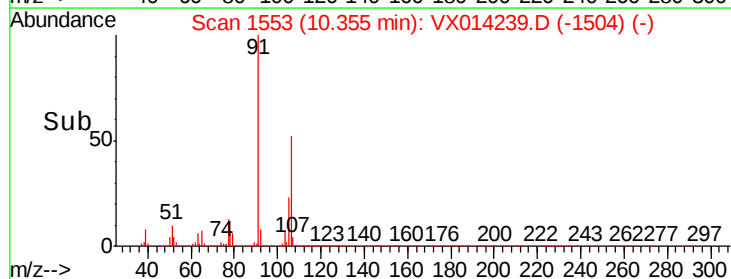
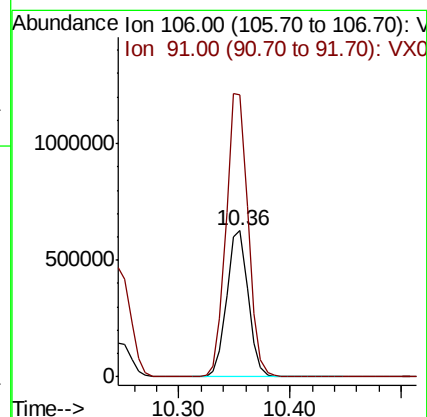
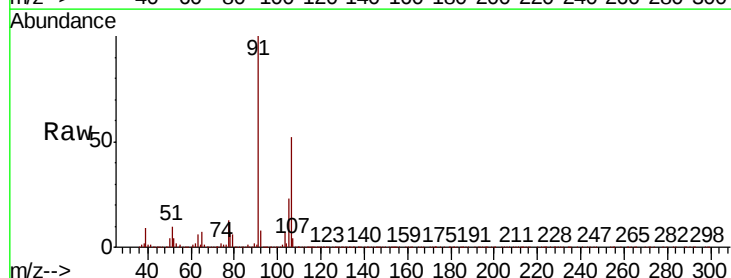
Acq: 24 Dec 2019 12:55

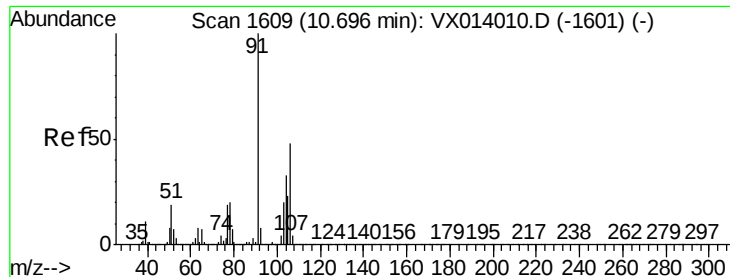
Tgt Ion: 106 Resp: 838419

Ion Ratio Lower Upper

106 100

91 198.0 158.6 238.0

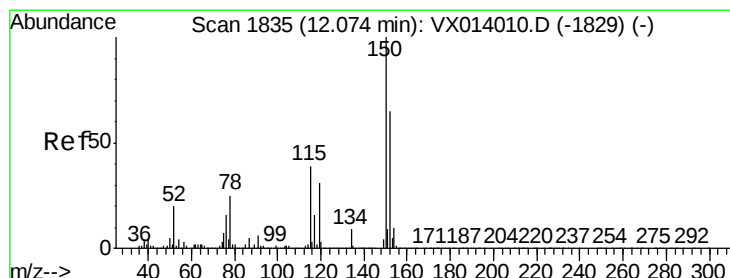
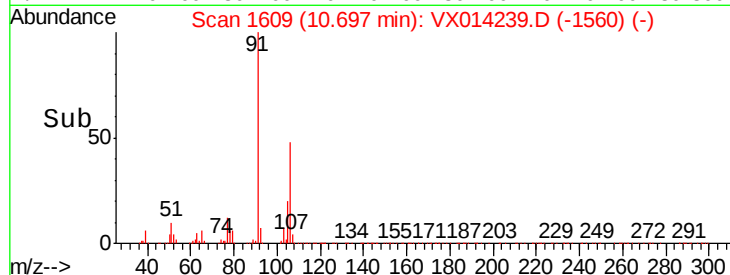
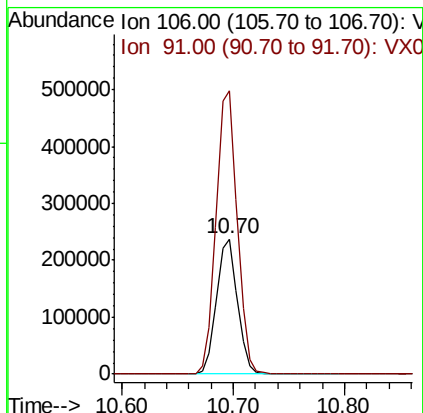
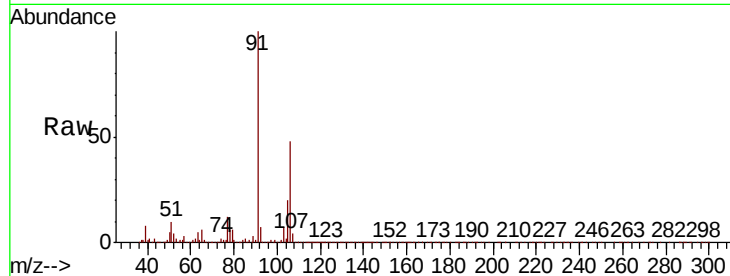




#69
o-Xylene
Concen: 29.042 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014239.D
Acq: 24 Dec 2019 12:55

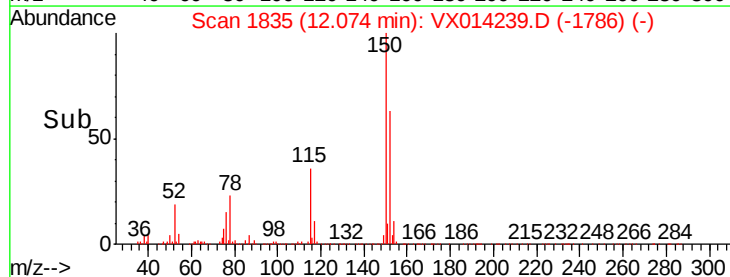
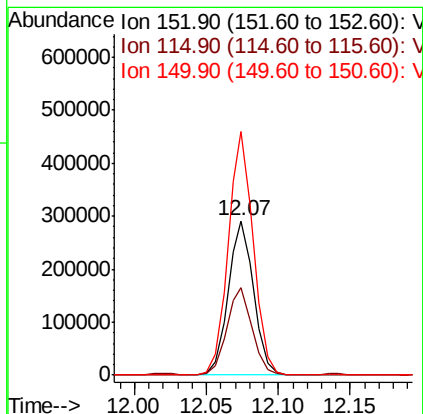
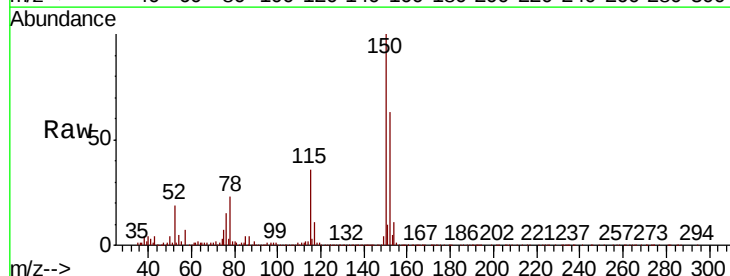
Instrument :
MSVOA_X
ClientSampled :
C0B37

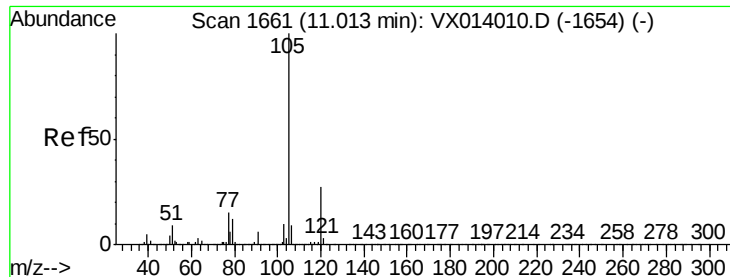
Tot Ion:106 Resp: 310072
Ion Ratio Lower Upper
106 100
91 211.1 104.2 312.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014239.D
Acq: 24 Dec 2019 12:55

Tgt Ion:152 Resp: 359142
Ion Ratio Lower Upper
152 100
115 56.3 38.3 114.9
150 156.0 0.0 345.4





#73

Isopropylbenzene

Concen: 1.192 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

Instrument :

MSVOA_X

ClientSampled :

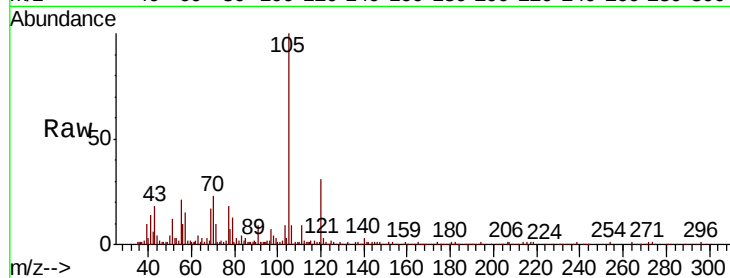
C0B37

Tot Ion:105 Resp: 30143

Ion Ratio Lower Upper

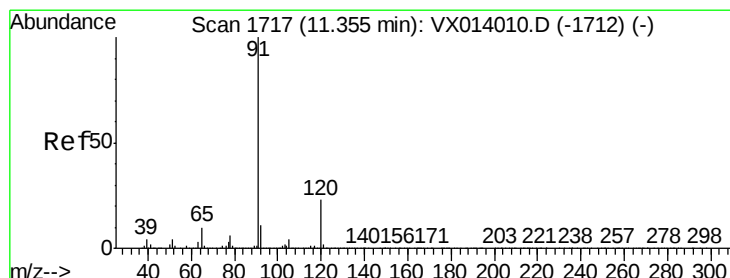
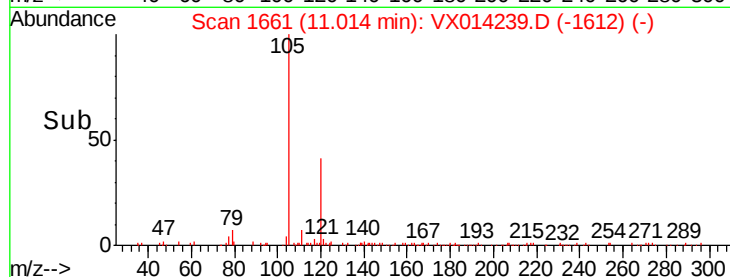
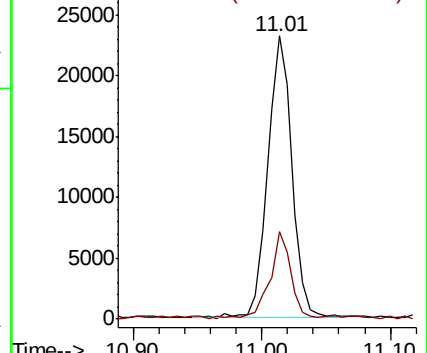
105 100

120 25.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.915 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014239.D

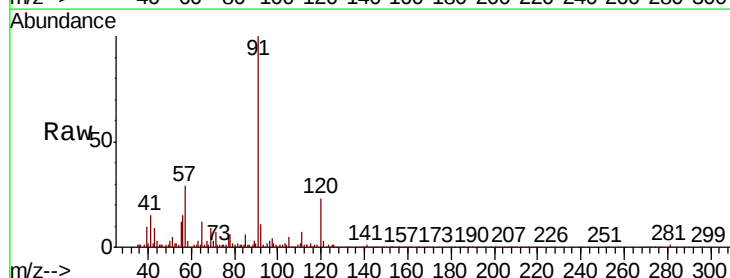
Acq: 24 Dec 2019 12:55

Tgt Ion: 91 Resp: 54325

Ion Ratio Lower Upper

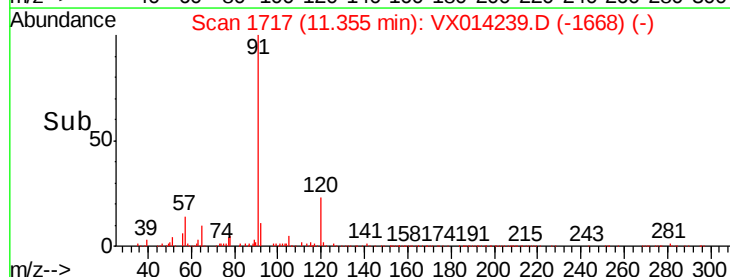
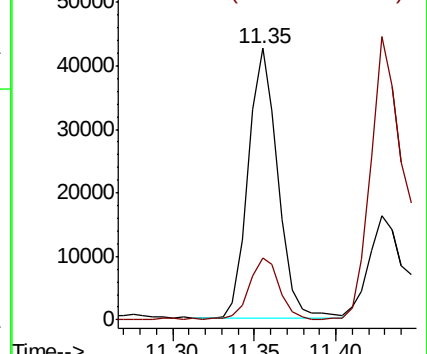
91 100

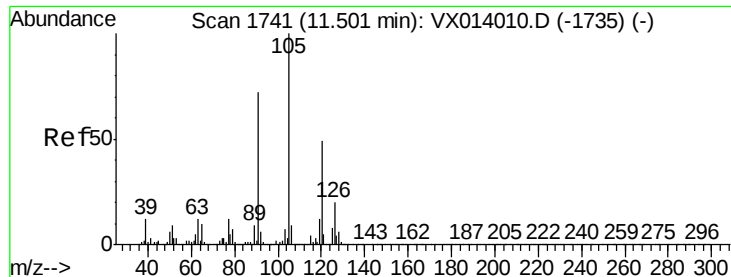
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

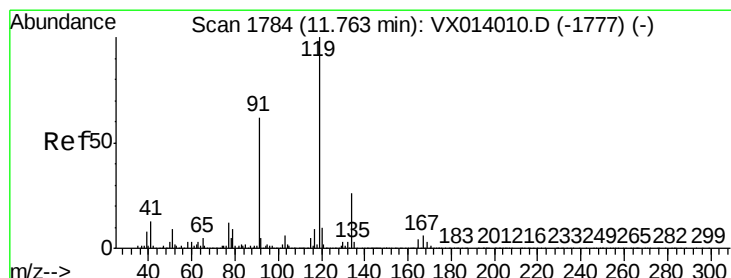
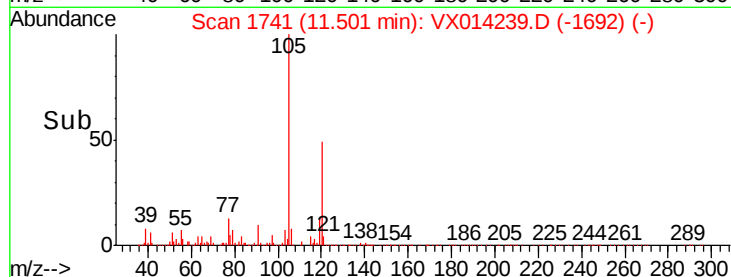
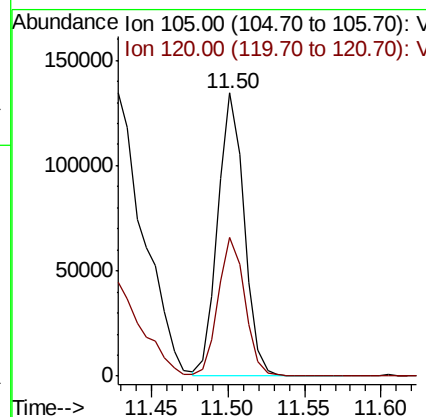
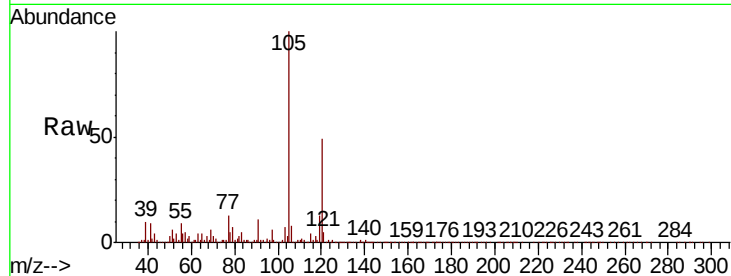




#80
 1,3,5-Trimethylbenzene
 Concen: 7.516 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014239.D
 Acq: 24 Dec 2019 12:55

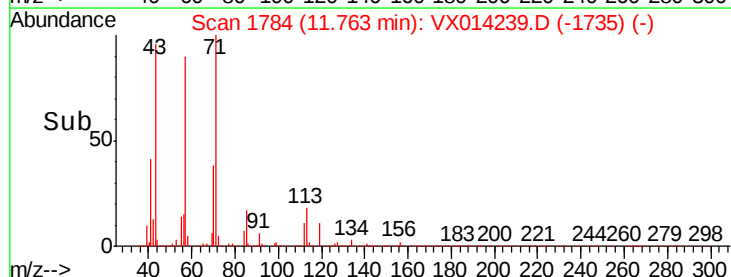
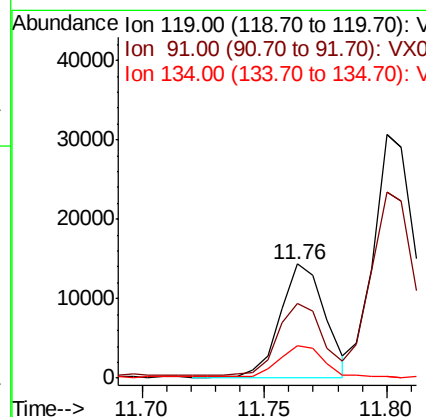
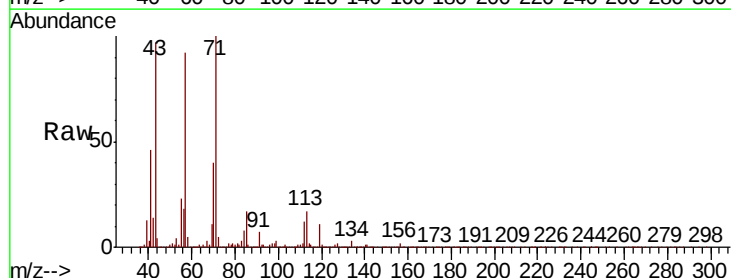
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

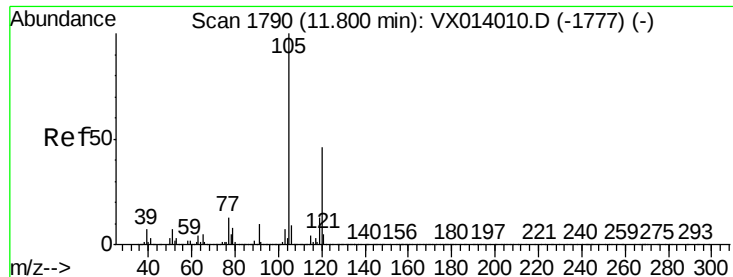
Tot Ion:105 Resp: 159951
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.3 75.8



#83
 tert-Butylbenzene
 Concen: 0.872 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014239.D
 Acq: 24 Dec 2019 12:55

Tgt Ion:119 Resp: 18055
 Ion Ratio Lower Upper
 119 100
 91 65.2 28.5 85.6
 134 31.0 12.2 36.6

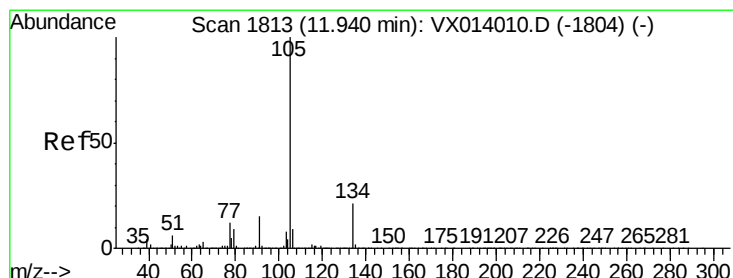
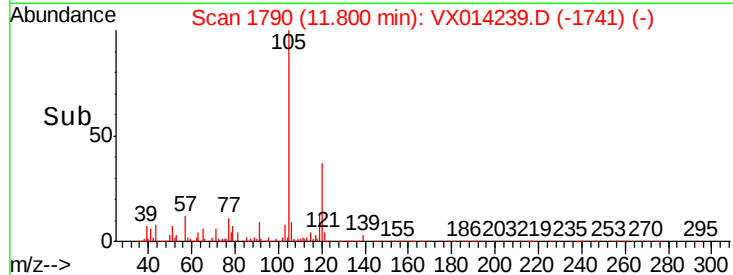
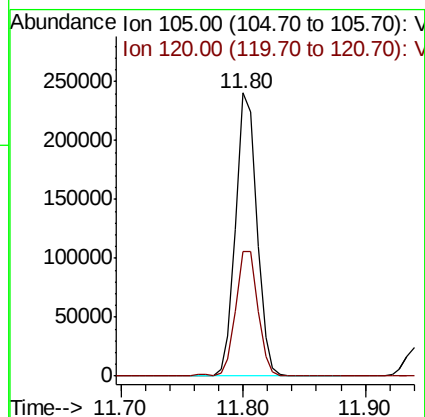
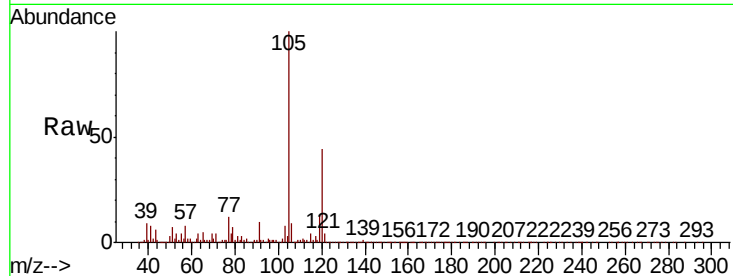




#84
 1,2,4-Trimethylbenzene
 Concen: 13.406 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014239.D
 Acq: 24 Dec 2019 12:55

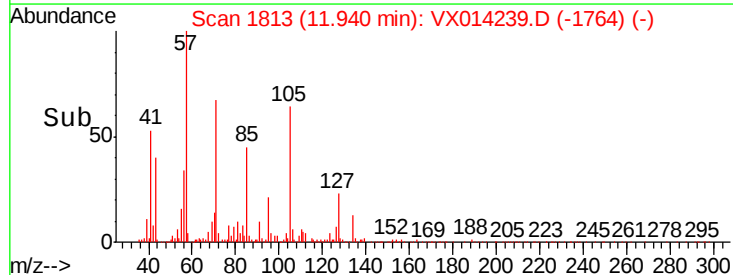
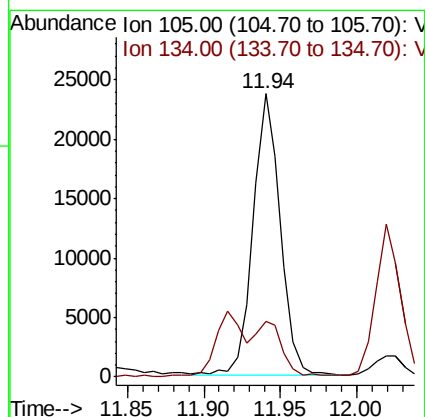
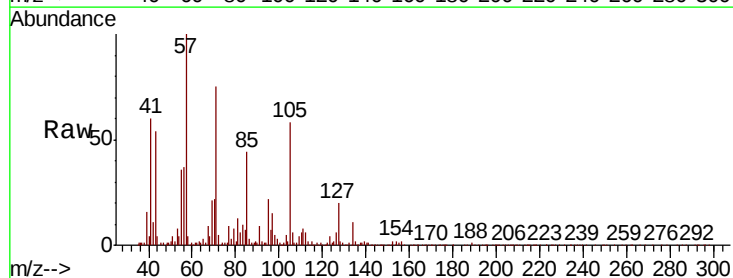
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

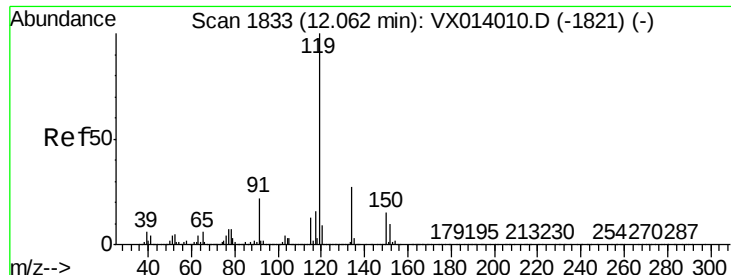
Tot Ion:105 Resp: 285716
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.187 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014239.D
 Acq: 24 Dec 2019 12:55

Tgt Ion:105 Resp: 29012
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1





#86

p-Isopropyltoluene

Concen: 1.327 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

C0B37

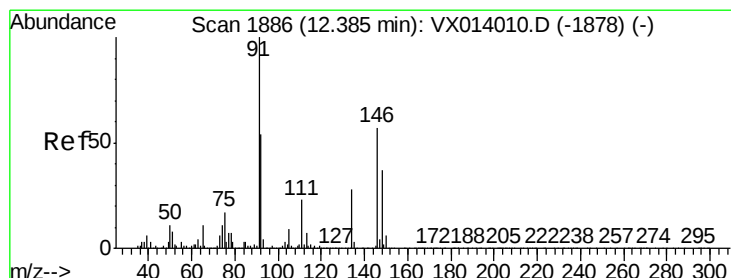
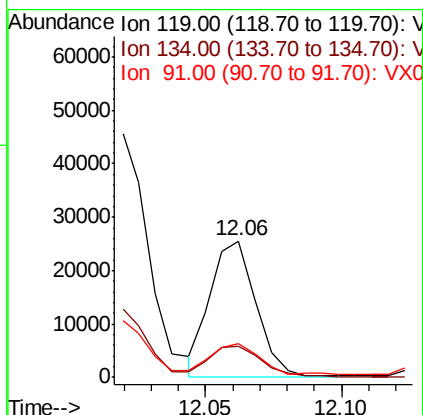
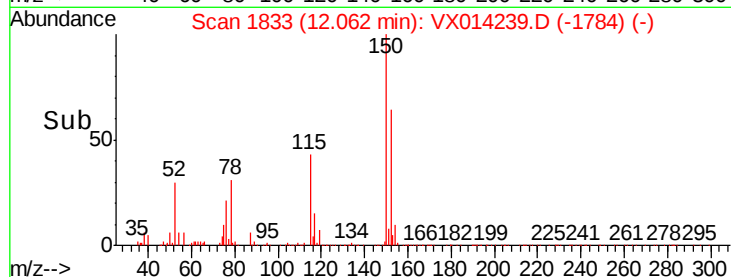
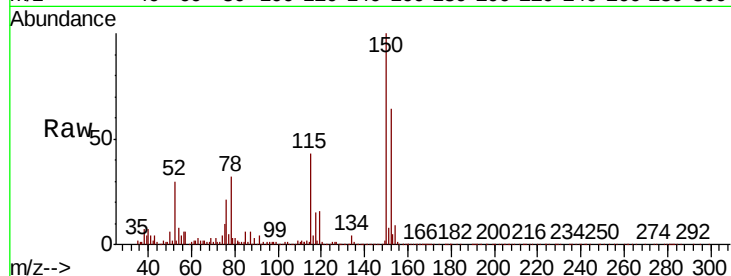
Tot Ion:119 Resp: 29682

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 26.6 11.4 34.1



#89

n-Butylbenzene

Concen: 2.456 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014239.D

Acq: 24 Dec 2019 12:55

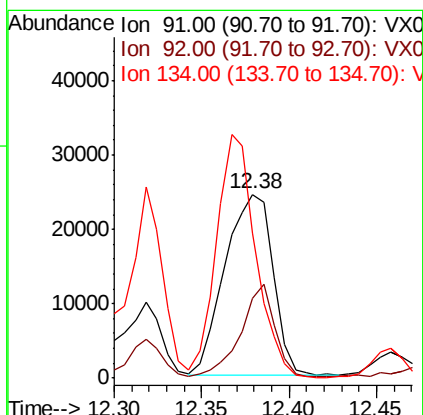
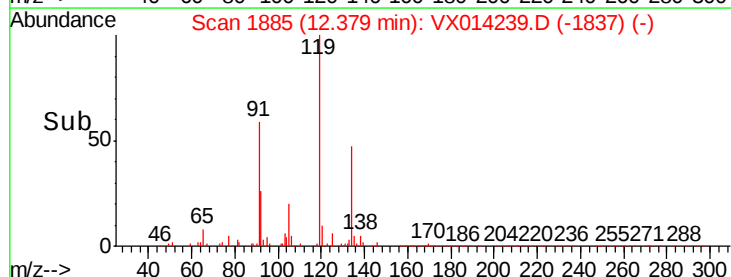
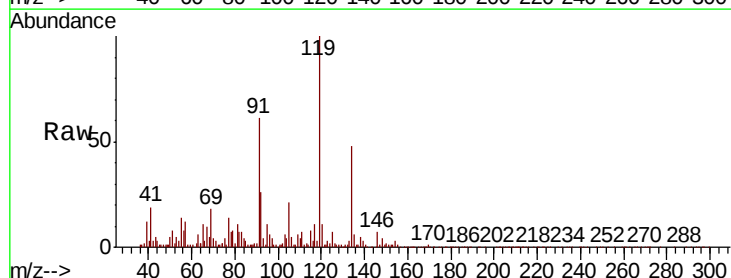
Tgt Ion: 91 Resp: 46866

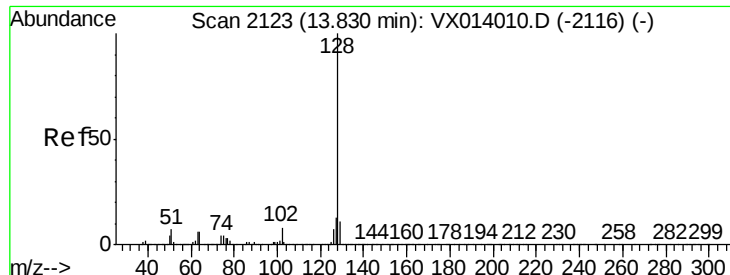
Ion Ratio Lower Upper

91 100

92 36.1 27.2 81.6

134 108.1 13.4 40.1#

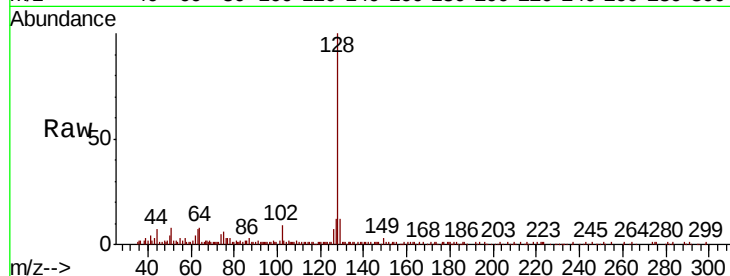




#95
Naphthalene
Concen: 0.984 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014239.D
Acq: 24 Dec 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
C0B37

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	12.9	8.7	13.1



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

