

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010720\
 Data File : VX014455.D
 Acq On : 07 Jan 2020 18:08
 Operator : JC/SP
 Sample : K6347-02 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jan 08 03:04:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	553245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	831159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	766803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	386148	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	291651	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
35) Dibromofluoromethane	5.49	113	247987	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	8.71	98	998820	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	356076	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

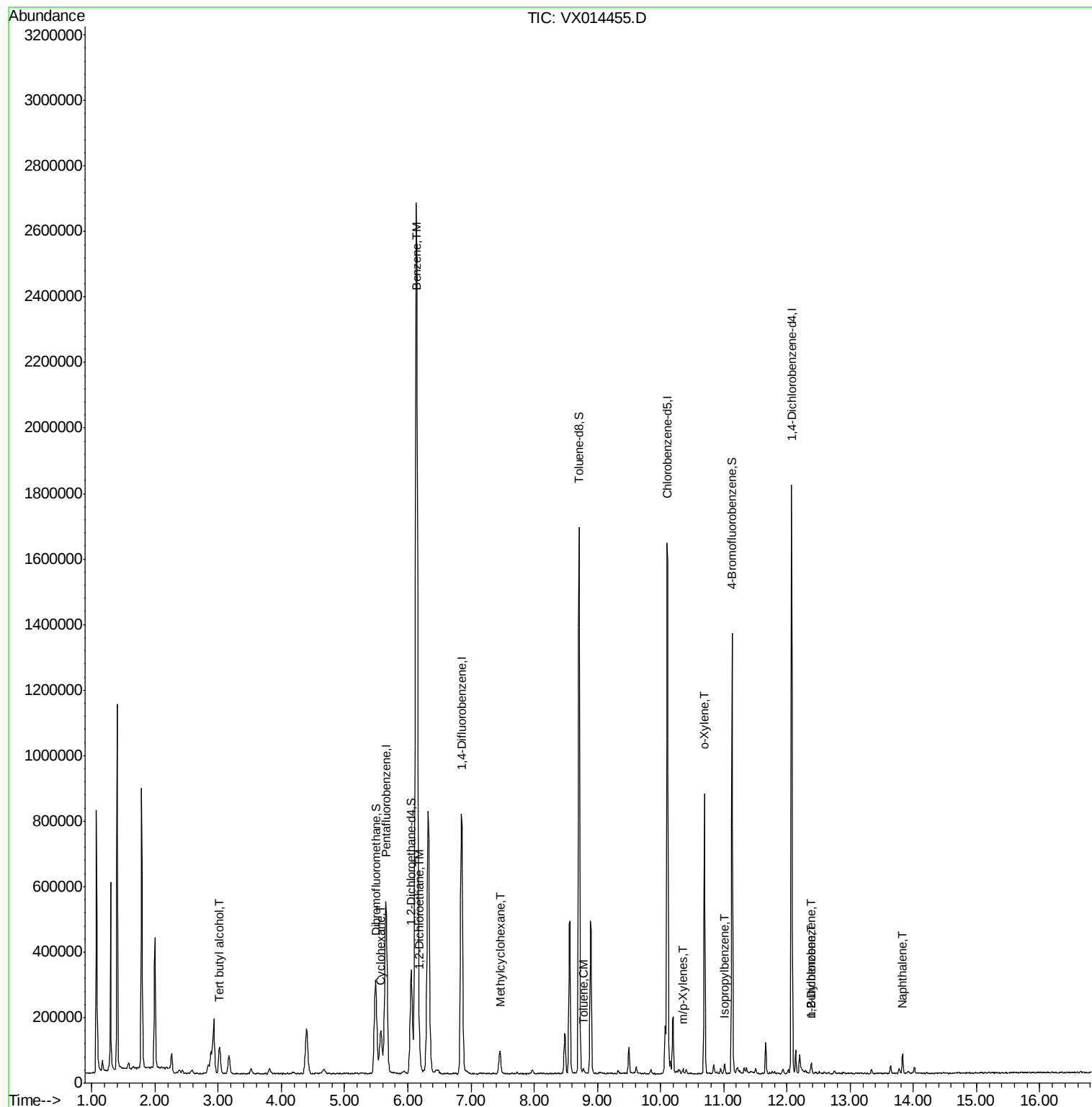
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	103398	80.181	ug/l	97
31) Cyclohexane	5.58	56	93630	9.918	ug/l	99
39) Methylcyclohexane	7.46	83	32070	3.266	ug/l	96
40) Benzene	6.14	78	3200724	137.971	ug/l	100
42) 1,2-Dichloroethane	6.18	62	64617	7.966	ug/l	99
52) Toluene	8.78	92	5204	0.350	ug/l	97
68) m/p-Xylenes	10.35	106	4032	0.368	ug/l	77
69) o-Xylene	10.70	106	193152	18.500	ug/l	99
73) Isopropylbenzene	11.01	105	17107	0.631	ug/l	92
89) n-Butylbenzene	12.39	91	10361	0.462	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	3965	0.300	ug/l	85
95) Naphthalene	13.83	128	39304	1.365	ug/l	95

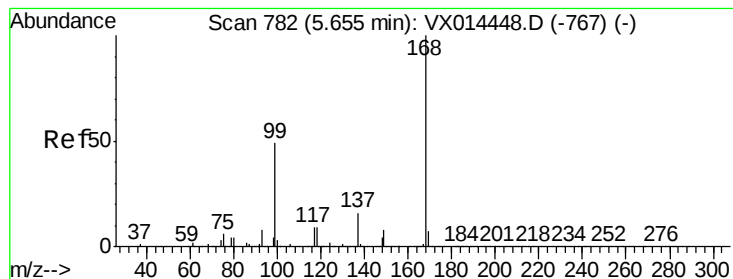
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010720\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

Instrument :

MSVOA_X

ClientSampled :

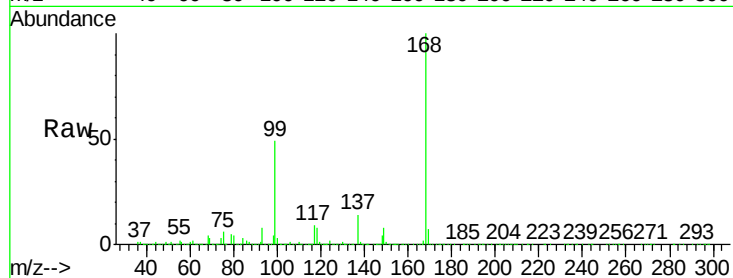
MW-2

Tgt Ion:168 Resp: 553245

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

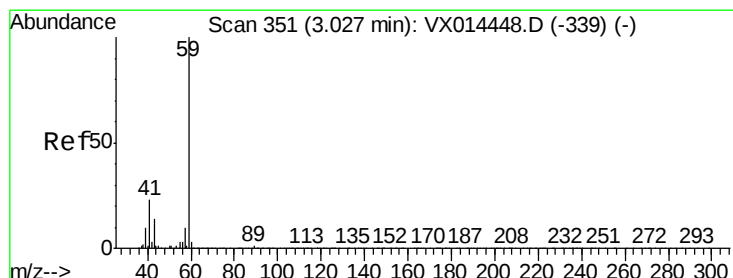
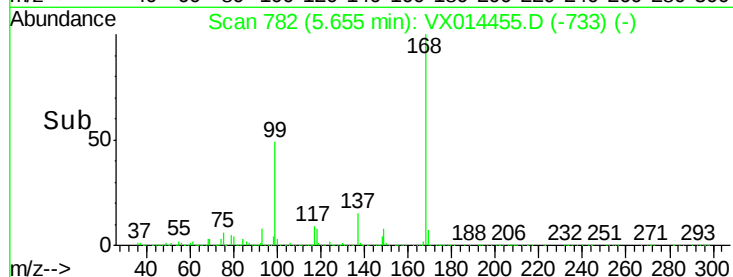
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 80.181 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014455.D

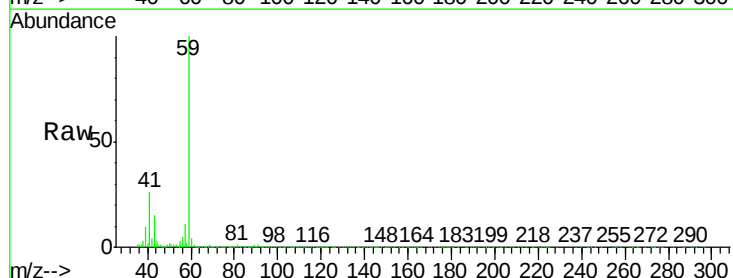
Acq: 07 Jan 2020 18:08

Tgt Ion: 59 Resp: 103398

Ion Ratio Lower Upper

59 100

57 11.5 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

50000

40000

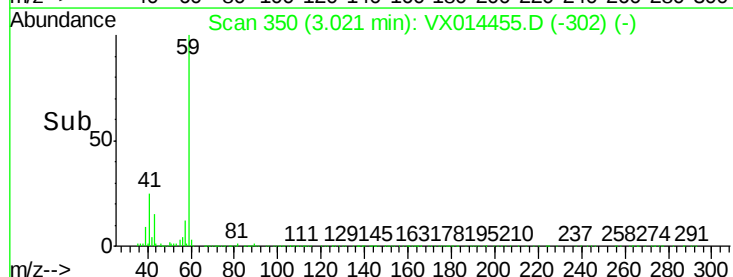
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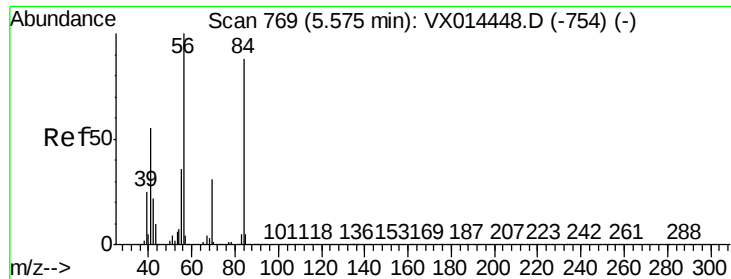
20000

10000

0

Time-->

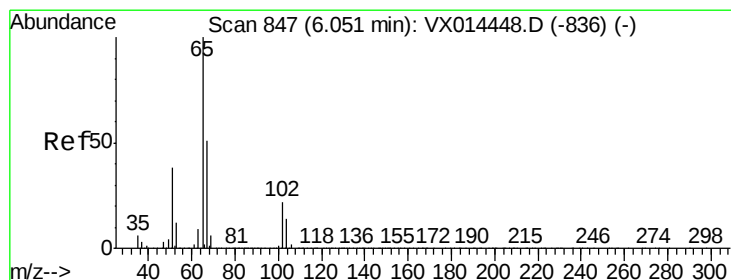
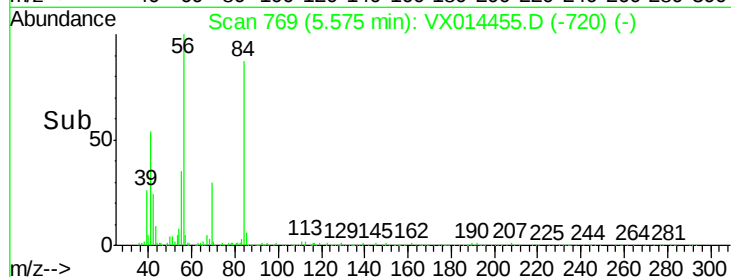
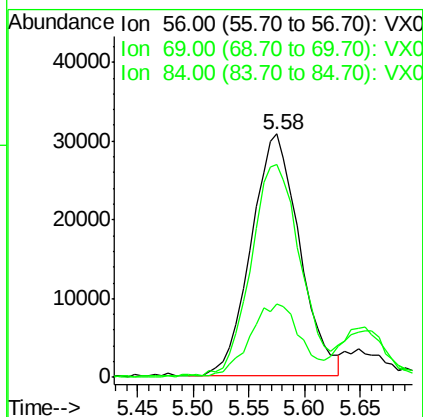
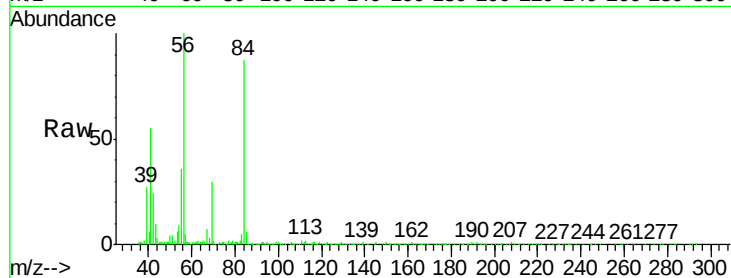




#31
Cyclohexane
Concen: 9.918 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014455.D
Acq: 07 Jan 2020 18:08

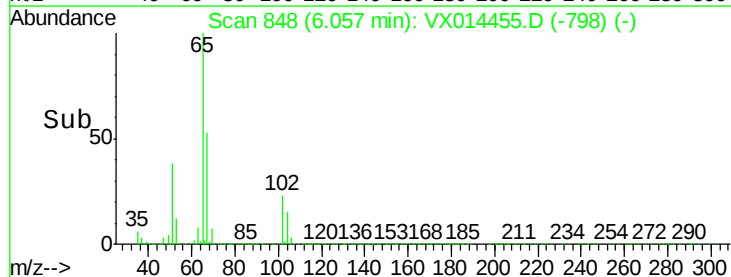
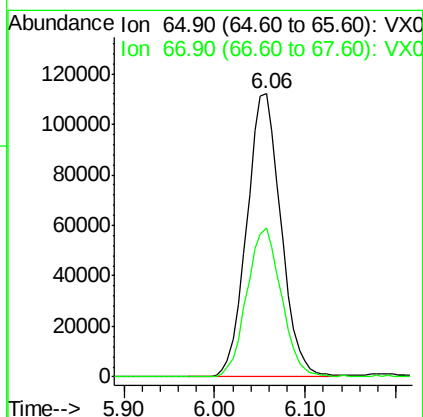
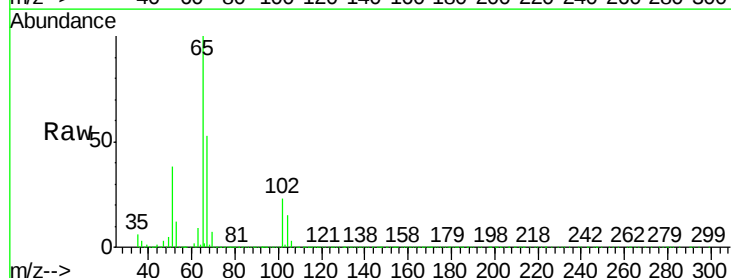
Instrument :
MSVOA_X
ClientSampleId :
MW-2

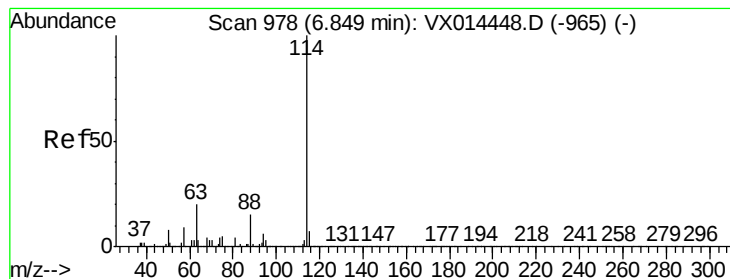
Tgt Ion: 56 Resp: 93630
Ion Ratio Lower Upper
56 100
69 29.3 24.4 36.6
84 87.3 70.6 106.0



#33
1,2-Dichloroethane-d4
Concen: 47.223 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014455.D
Acq: 07 Jan 2020 18:08

Tgt Ion: 65 Resp: 291651
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

MW-2

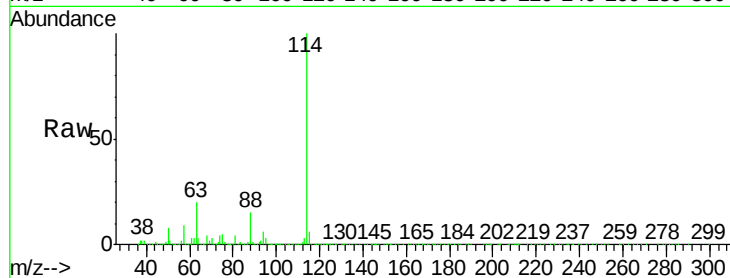
Tgt Ion:114 Resp: 831159

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

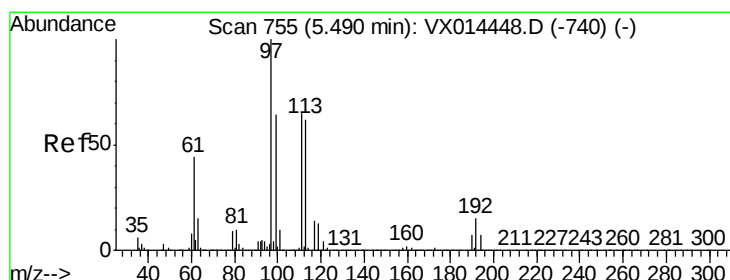
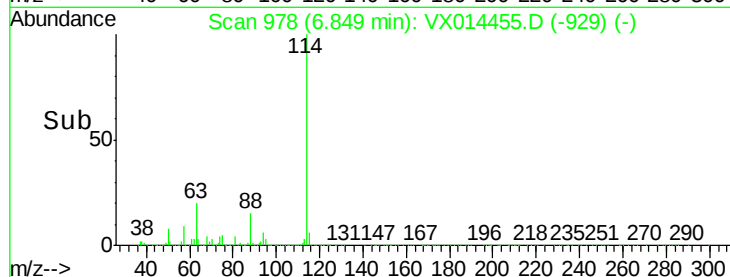
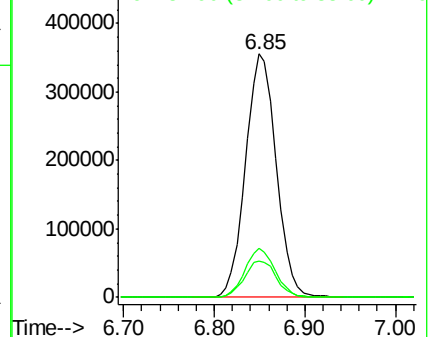
88 15.1 0.0 30.8



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: 49.288 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

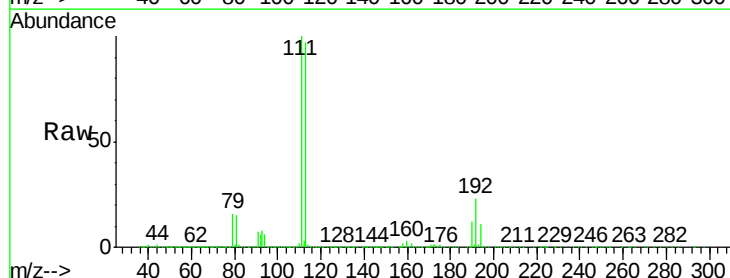
Tgt Ion:113 Resp: 247987

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

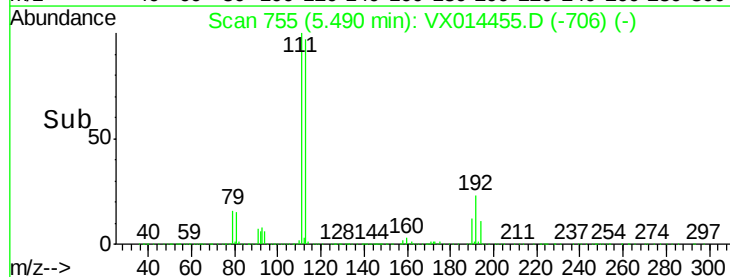
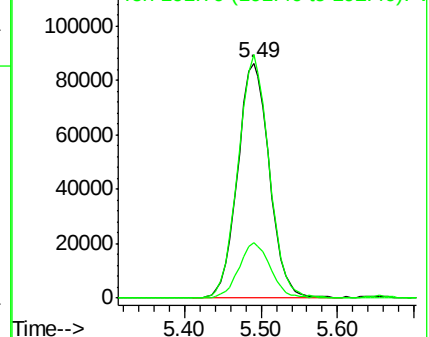
192 23.4 19.2 28.8

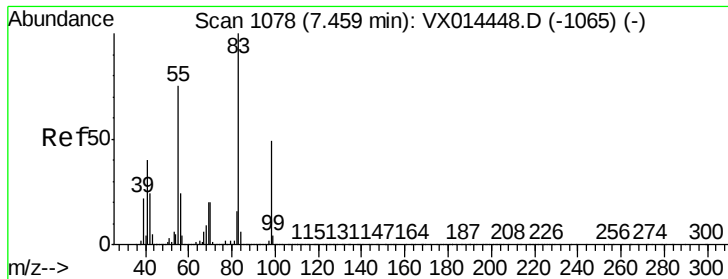


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

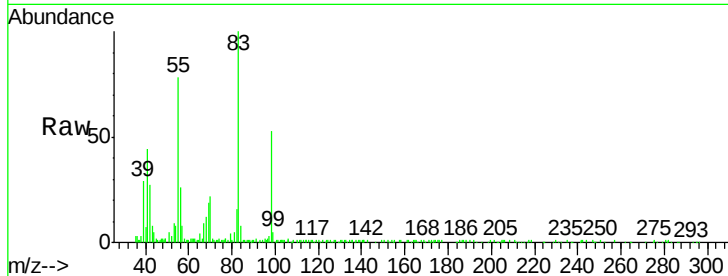




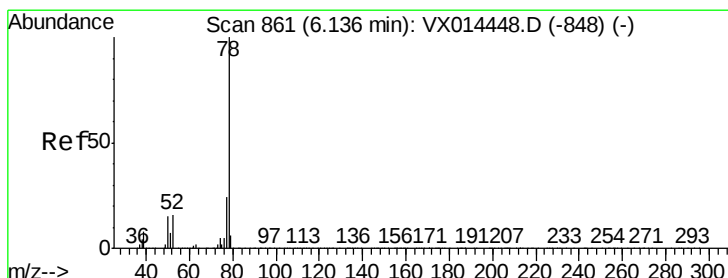
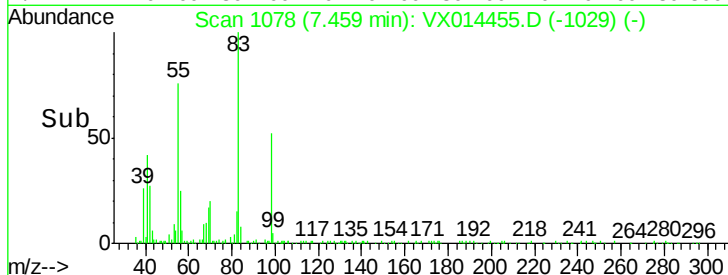
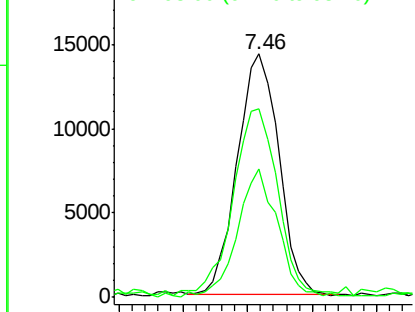
#39
Methylcyclohexane
Concen: 3.266 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014455.D
Acq: 07 Jan 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 32070
Ion Ratio Lower Upper
83 100
55 76.8 59.7 89.5
98 52.6 39.1 58.7

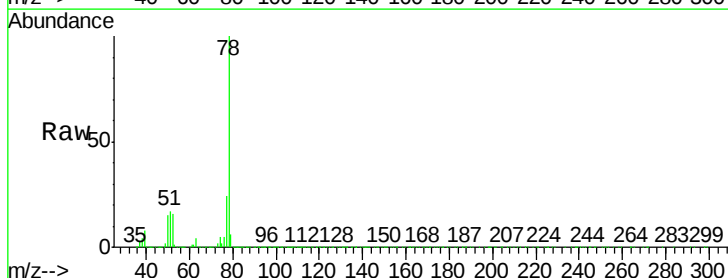


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

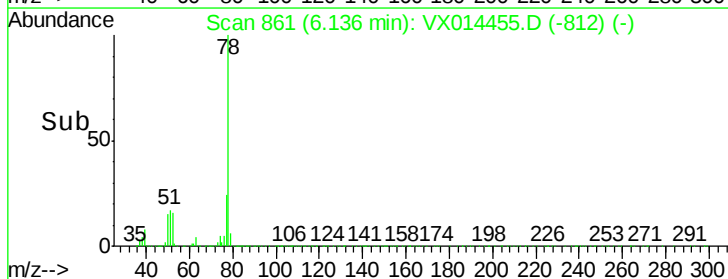
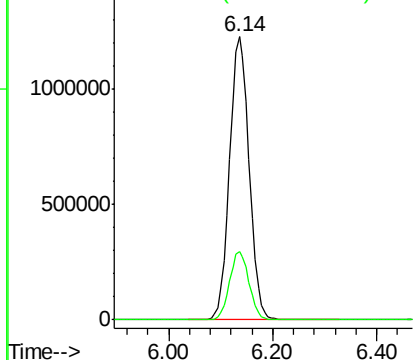


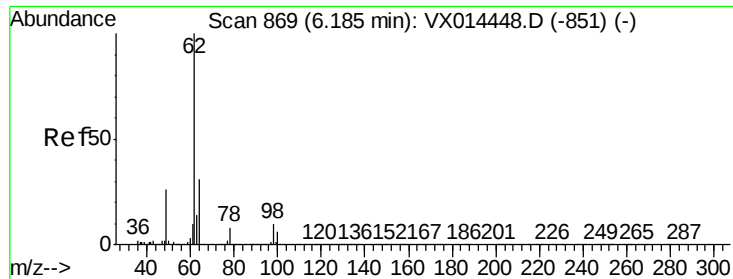
#40
Benzene
Concen: 137.971 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014455.D
Acq: 07 Jan 2020 18:08

Tgt Ion: 78 Resp: 3200724
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 7.966 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

Instrument :

MSVOA_X

ClientSampled :

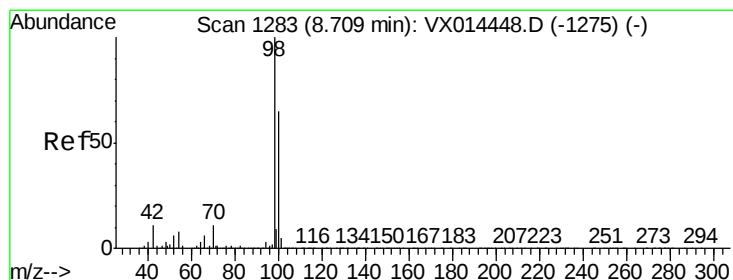
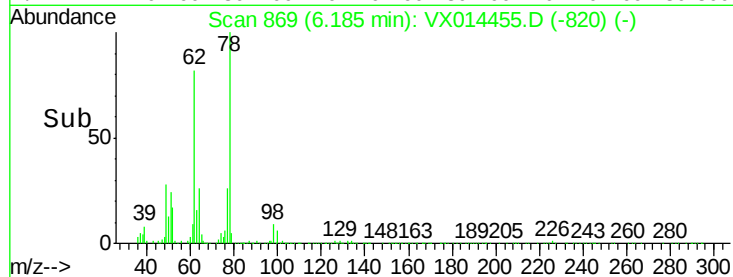
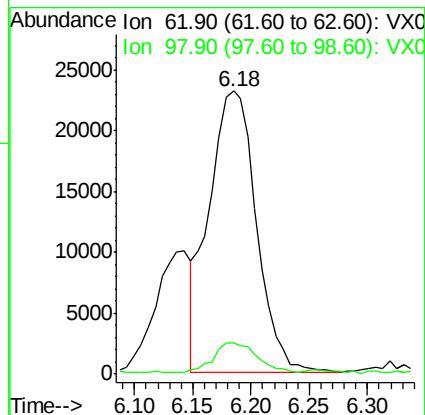
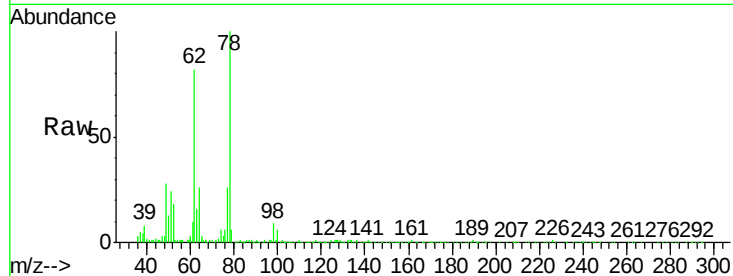
MW-2

Tgt Ion: 62 Resp: 64617

Ion Ratio Lower Upper

62 100

98 9.9 0.0 20.4



#50

Toluene-d8

Concen: 51.156 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014455.D

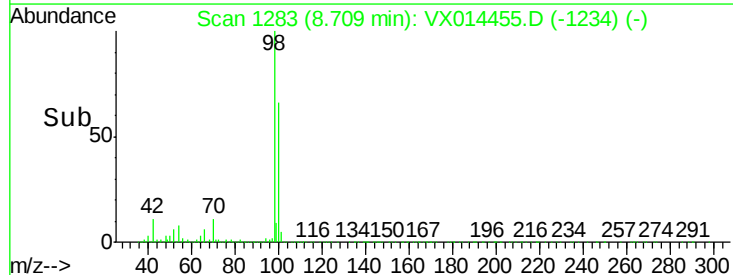
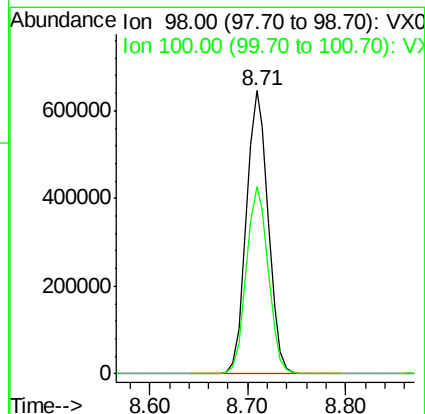
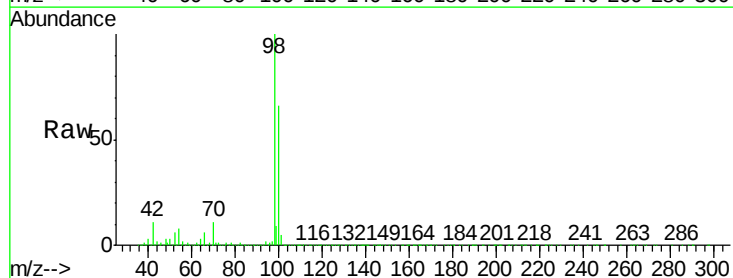
Acq: 07 Jan 2020 18:08

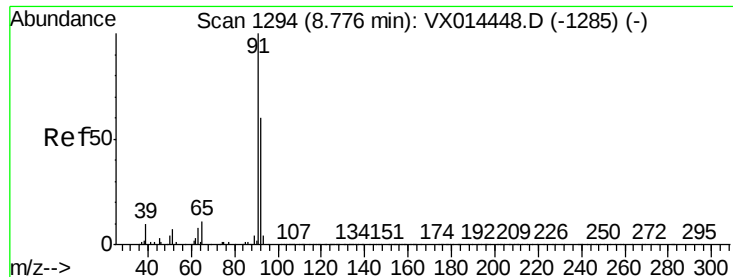
Tgt Ion: 98 Resp: 998820

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8





#52

Toluene

Concen: 0.350 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

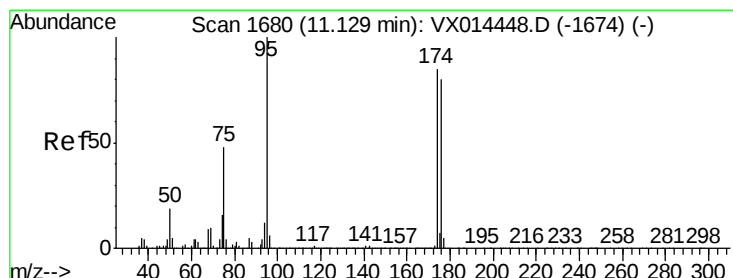
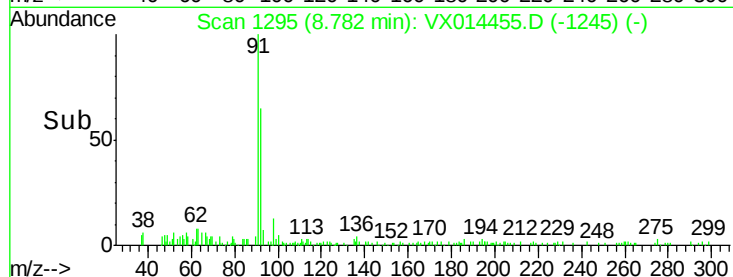
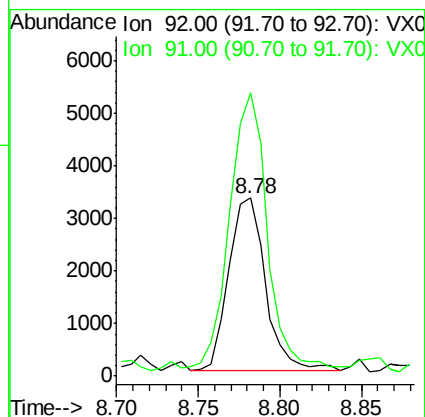
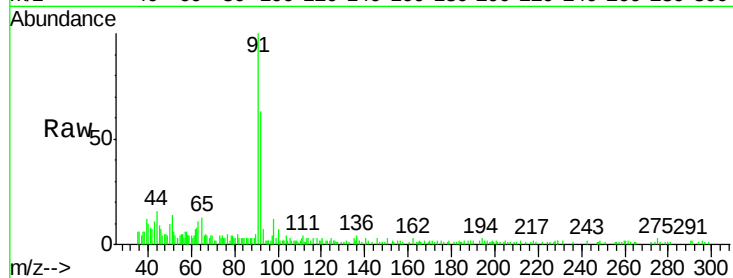
MW-2

Tgt Ion: 92 Resp: 5204

Ion Ratio Lower Upper

92 100

91 165.6 135.7 203.5



#62

4-Bromofluorobenzene

Concen: 49.677 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

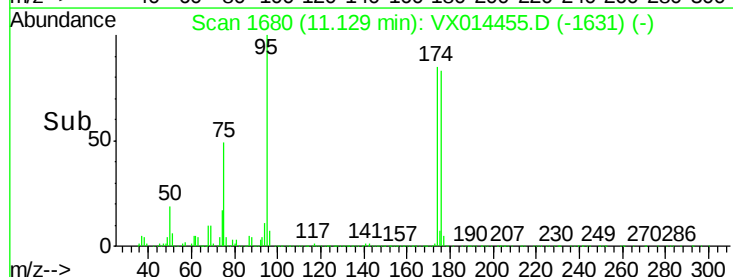
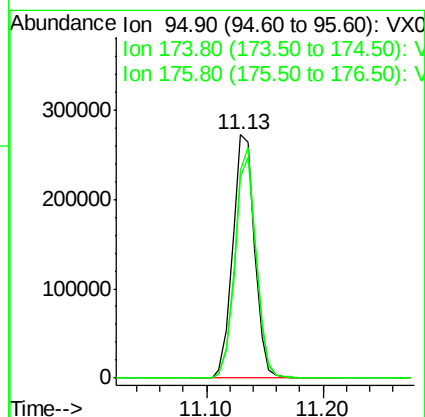
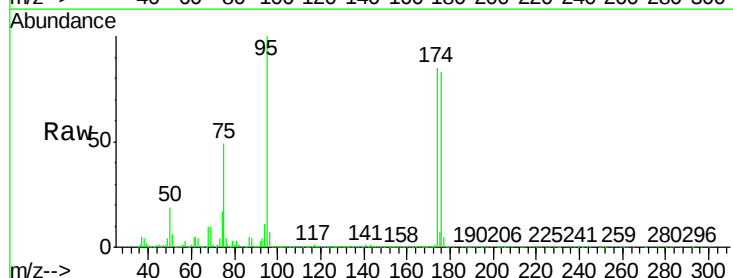
Tgt Ion: 95 Resp: 356076

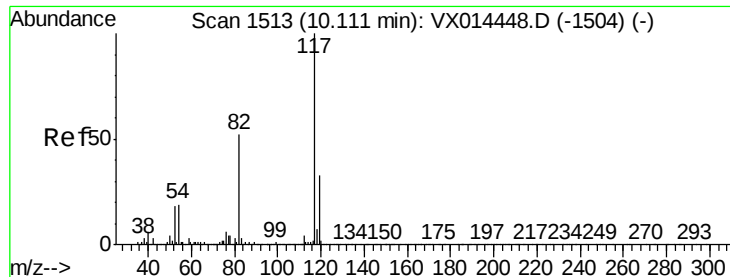
Ion Ratio Lower Upper

95 100

174 91.9 0.0 180.8

176 88.2 0.0 172.8

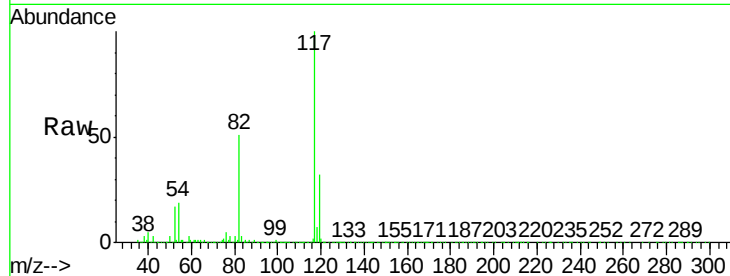




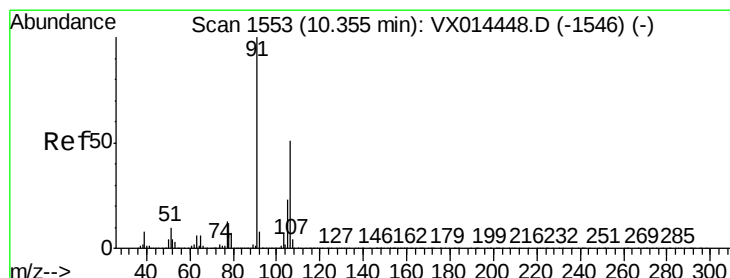
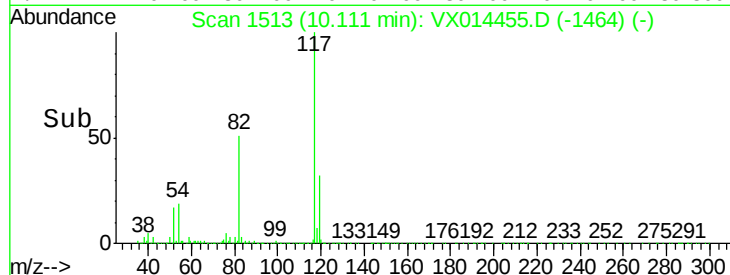
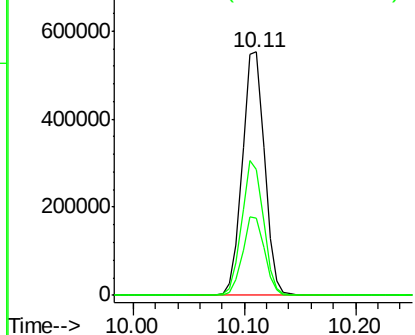
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014455.D
Acq: 07 Jan 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:117 Resp: 766803
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.6
119 31.6 26.2 39.4

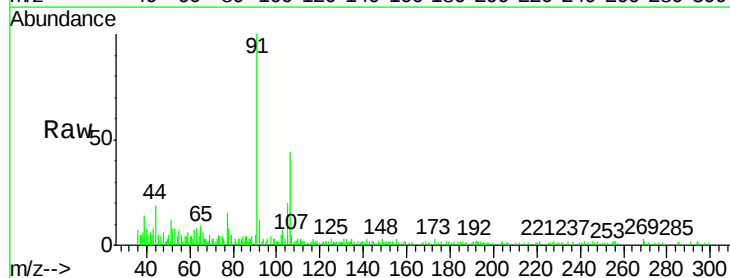


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

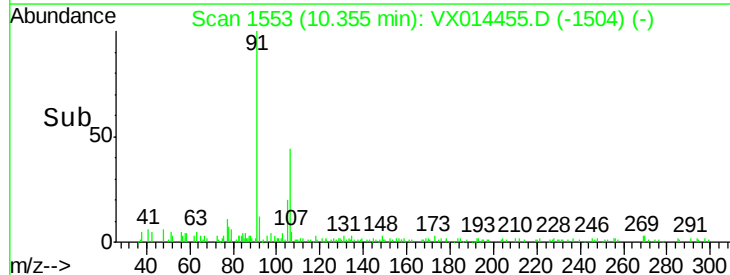
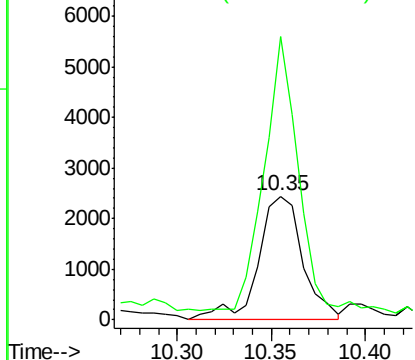


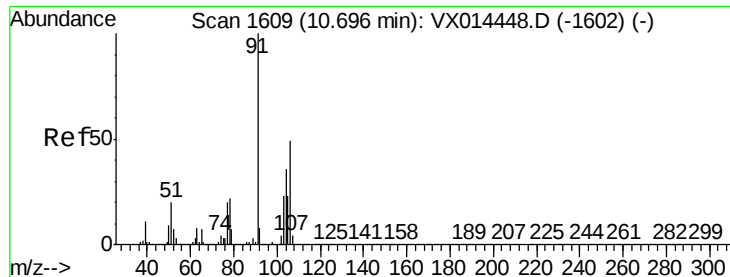
#68
m/p-Xylenes
Concen: 0.368 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014455.D
Acq: 07 Jan 2020 18:08

Tgt Ion:106 Resp: 4032
Ion Ratio Lower Upper
106 100
91 162.2 157.4 236.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

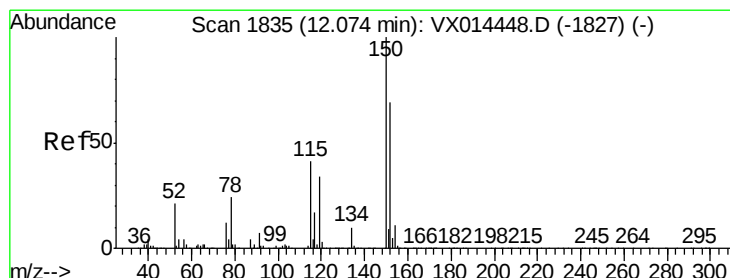
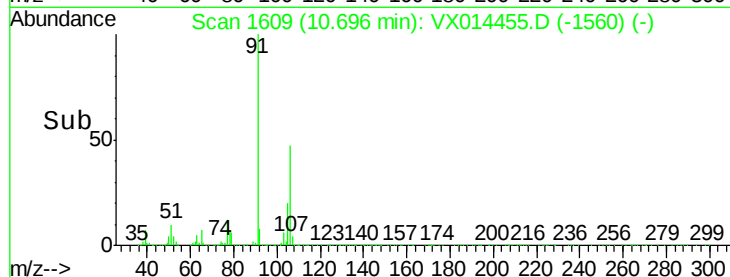
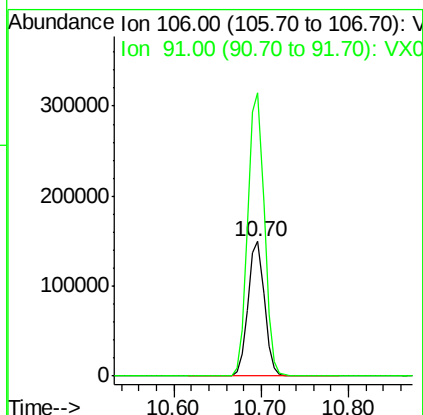
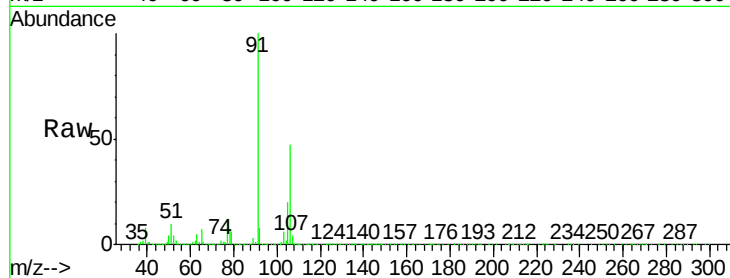




#69
o-Xylene
Concen: 18.500 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014455.D
Acq: 07 Jan 2020 18:08

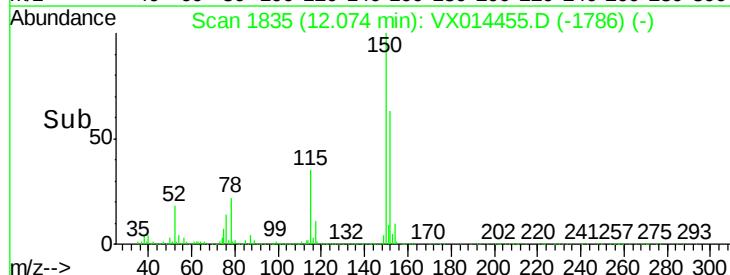
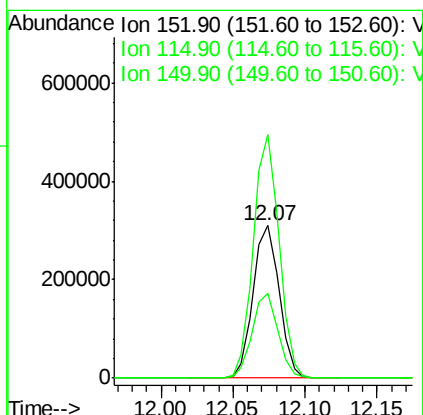
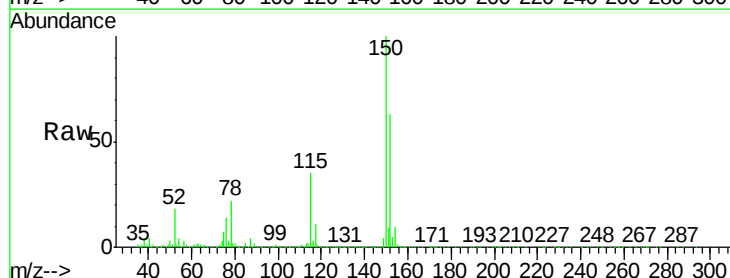
Instrument :
MSVOA_X
ClientSampleId :
MW-2

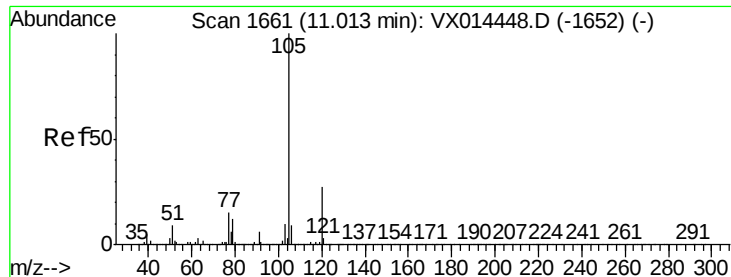
Tgt Ion:106 Resp: 193152
Ion Ratio Lower Upper
106 100
91 212.0 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014455.D
Acq: 07 Jan 2020 18:08

Tgt Ion:152 Resp: 386148
Ion Ratio Lower Upper
152 100
115 54.8 39.5 118.3
150 157.0 0.0 350.2





#73

Isopropylbenzene

Concen: 0.631 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

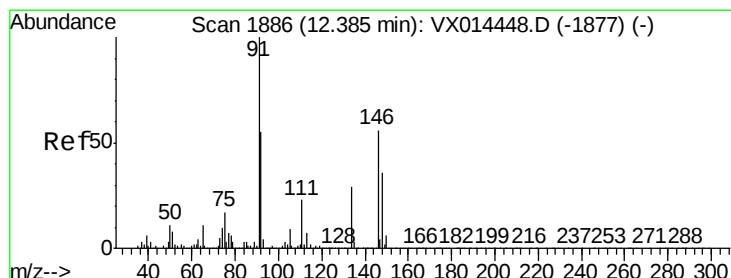
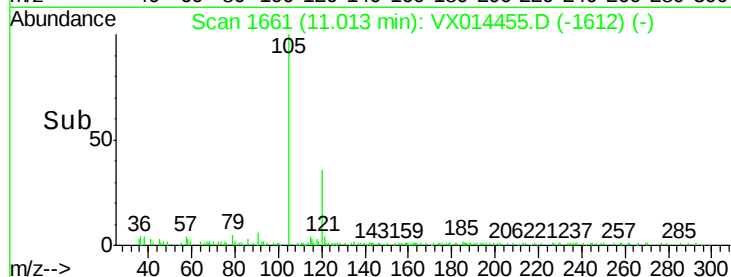
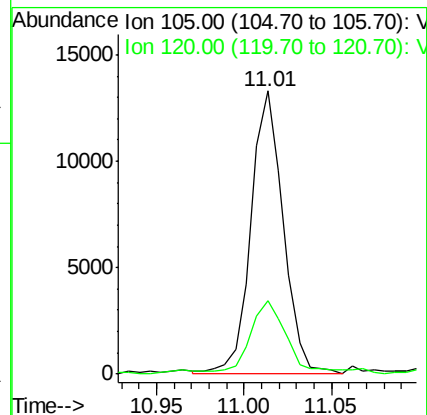
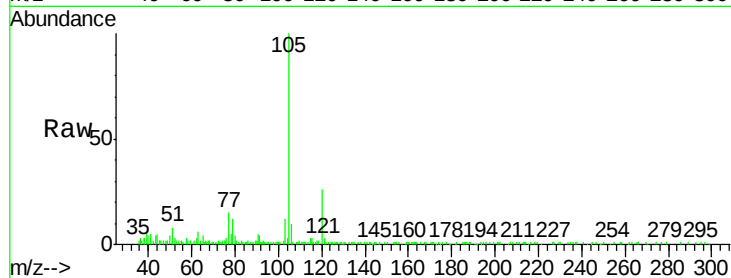
MW-2

Tgt Ion: 105 Resp: 17107

Ion Ratio Lower Upper

105 100

120 30.9 13.4 40.2



#89

n-Butylbenzene

Concen: 0.462 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

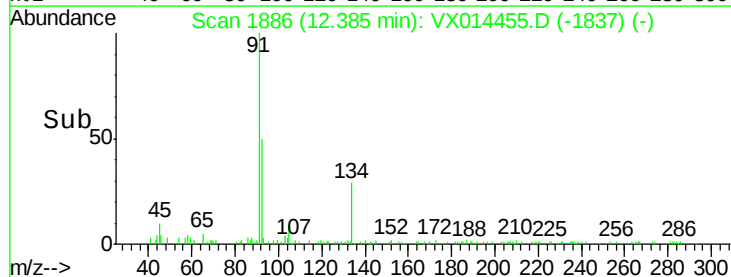
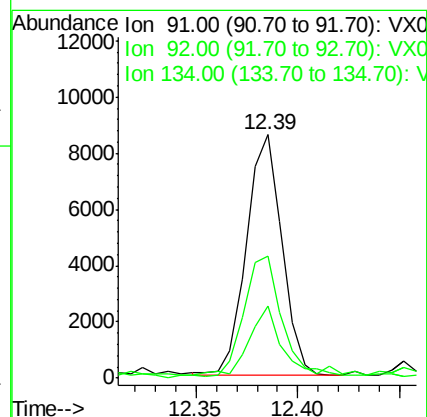
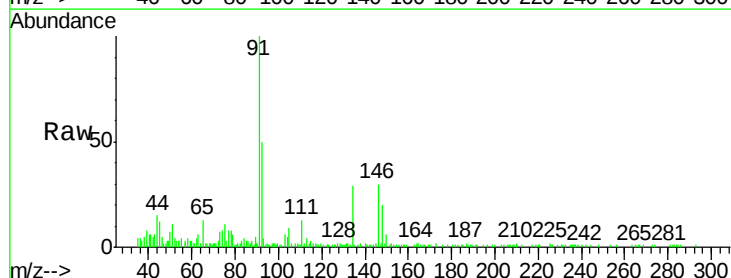
Tgt Ion: 91 Resp: 10361

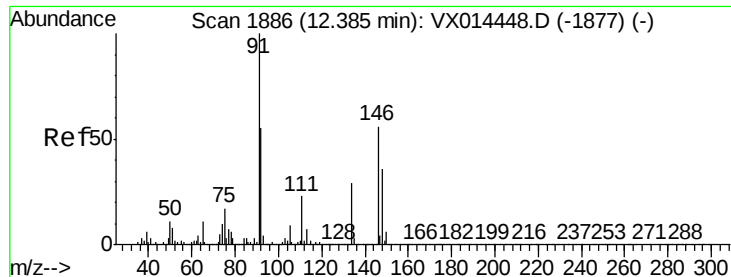
Ion Ratio Lower Upper

91 100

92 51.3 27.4 82.2

134 31.3 13.9 41.7





#91

1,2-Dichlorobenzene

Concen: 0.300 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

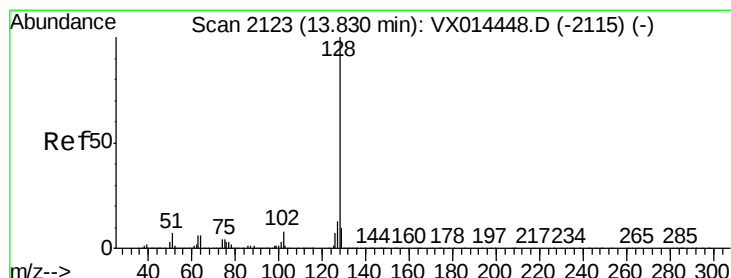
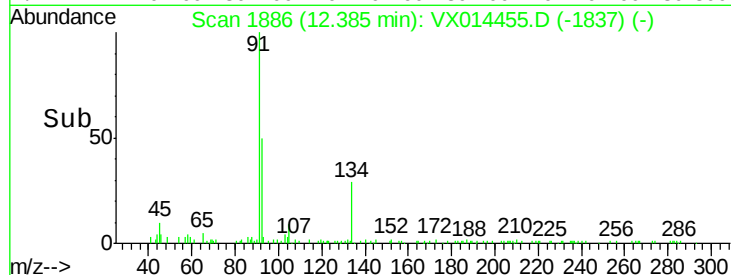
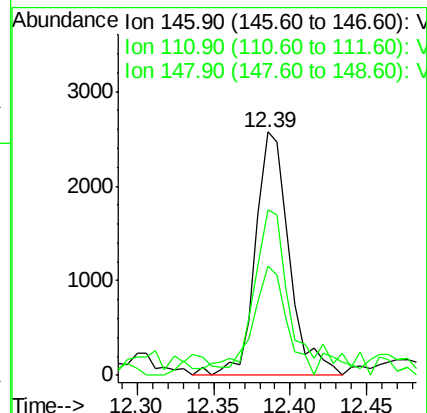
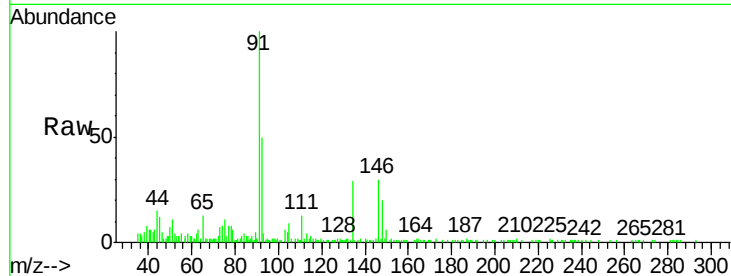
Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tgt Ion:	146	Resp:	3965
Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.8	59.4
148	79.6	32.3	96.8



#95

Naphthalene

Concen: 1.365 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014455.D

Acq: 07 Jan 2020 18:08

Tgt Ion:	128	Resp:	39304
Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.3	15.5
129	12.7	8.7	13.1

