

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009834.D
 Acq On : 23 May 2019 04:01
 Operator : JC/SP
 Sample : K2976-15 50X
 Misc : 5.39g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-IR(14-17)

Quant Time: May 31 07:54:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138470	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	124905	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
35) Dibromofluoromethane	5.50	113	89108	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	377005	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	144686	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	

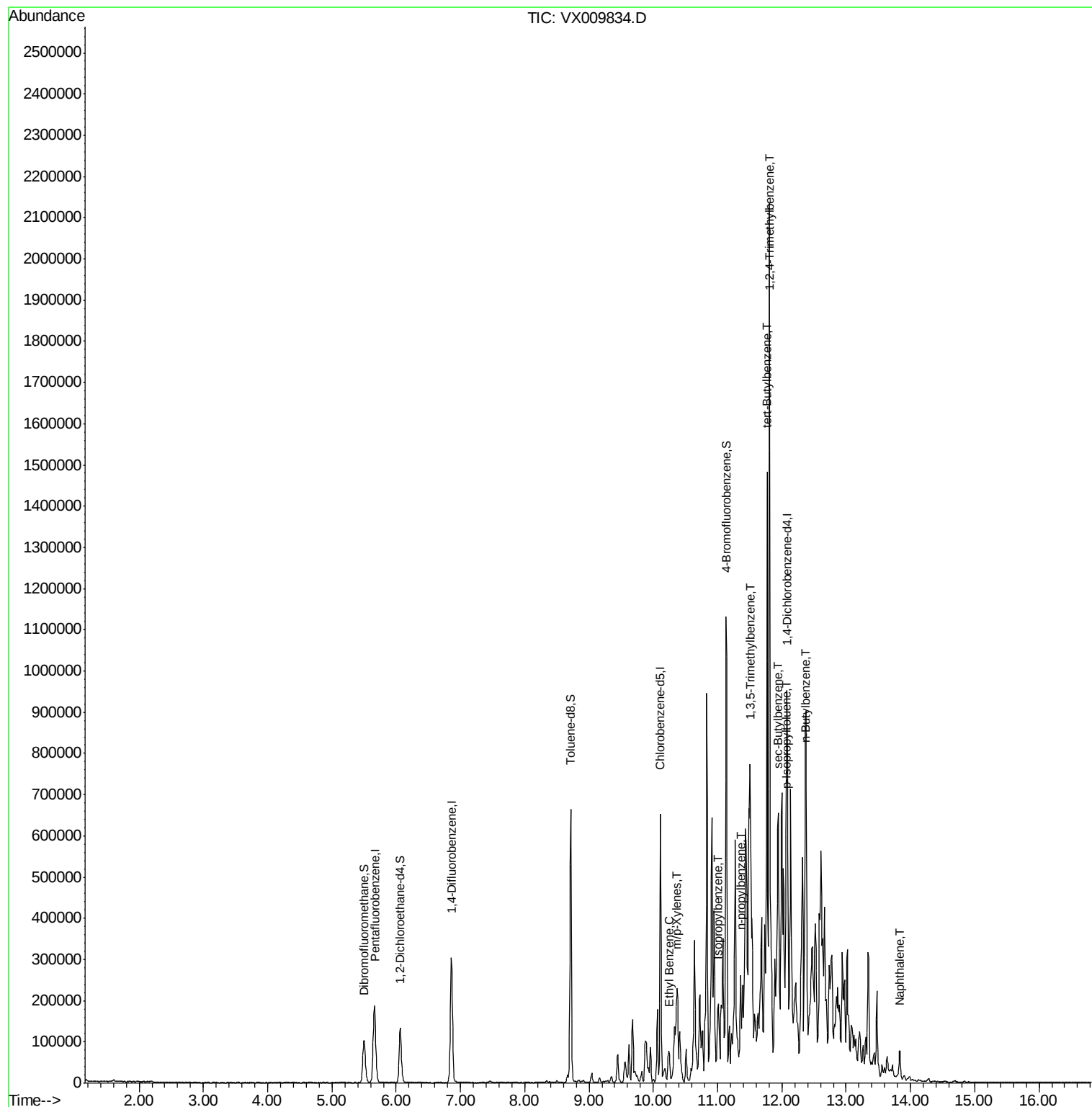
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.25	91	18433	1.812	ug/l	99
68) m/p-Xylenes	10.36	106	19324	5.197	ug/l	96
73) Isopropylbenzene	11.02	105	46753	4.643	ug/l	100
78) n-propylbenzene	11.36	91	121456	10.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	243848	28.761	ug/l	99
83) tert-Butylbenzene	11.77	119	8478	1.028	ug/l	79
84) 1,2,4-Trimethylbenzene	11.80	105	747410	87.825	ug/l	98
85) sec-Butylbenzene	11.94	105	75468	7.718	ug/l #	76
86) p-Isopropyltoluene	12.06	119	74613	8.488	ug/l	99
89) n-Butylbenzene	12.38	91	110590	13.919	ug/l #	48
95) Naphthalene	13.83	128	43165	4.275	ug/l	98

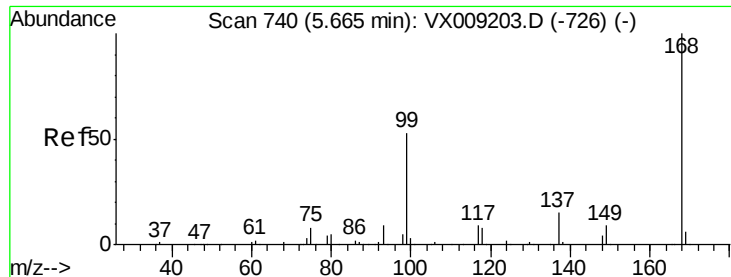
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009834.D
Acq On : 23 May 2019 04:01
Operator : JC/SP
Sample : K2976-15 50X
Misc : 5.39g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(14-17)

Quant Time: May 31 07:54:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009834.D

Acq: 23 May 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

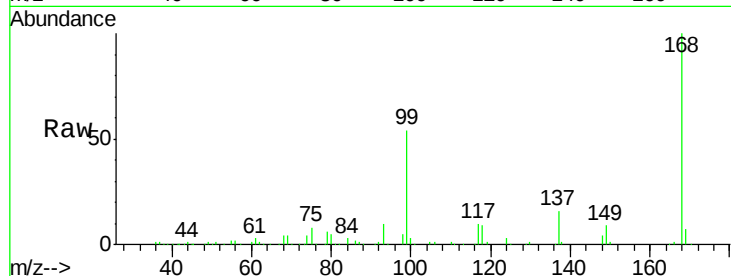
EP1-SB-MW-IR(14-17)

Tot Ion:168 Resp: 181090

Ion Ratio Lower Upper

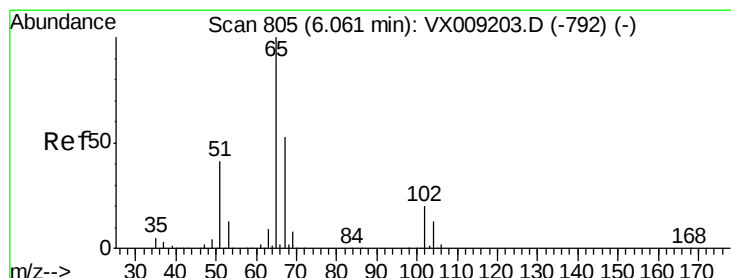
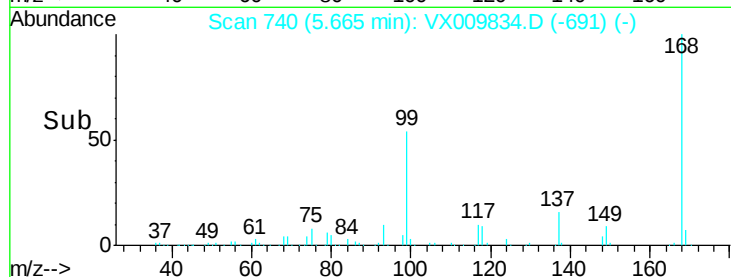
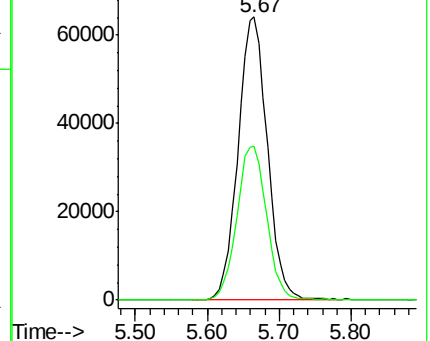
168 100

99 54.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.526 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009834.D

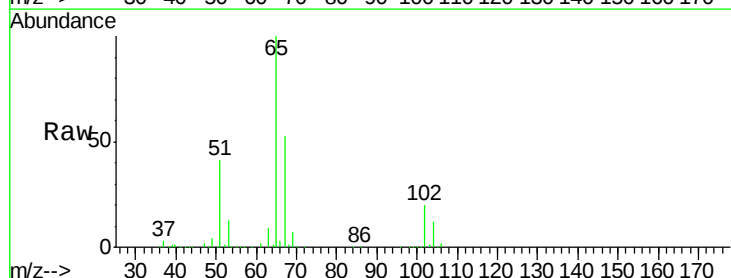
Acq: 23 May 2019 04:01

Tgt Ion: 65 Resp: 124905

Ion Ratio Lower Upper

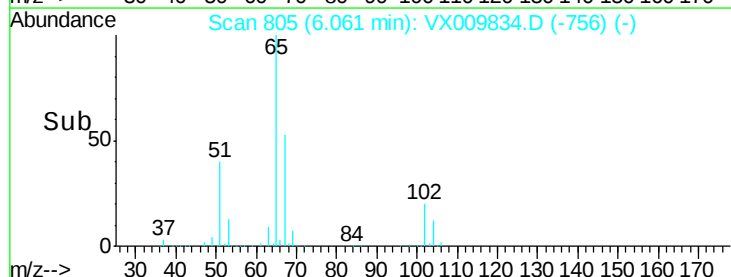
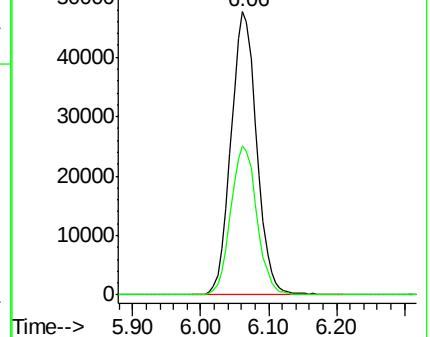
65 100

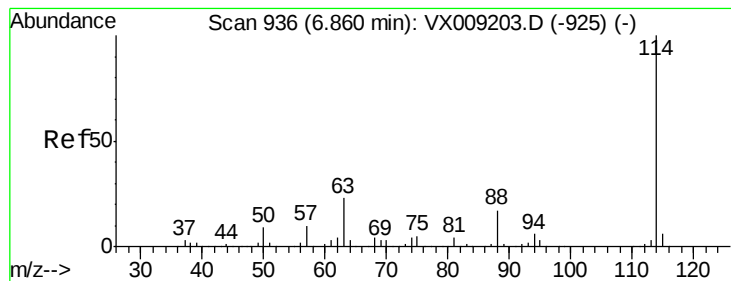
67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009834.D

Acq: 23 May 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-IR(14-17)

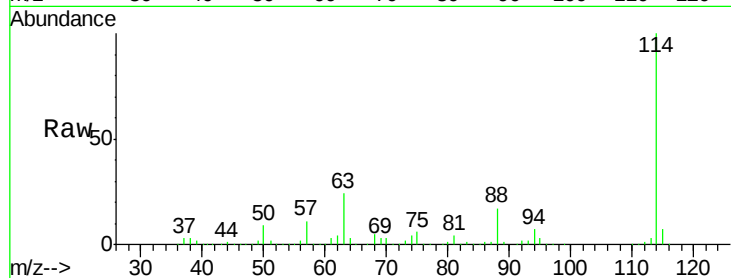
Tot Ion:114 Resp: 292403

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.6

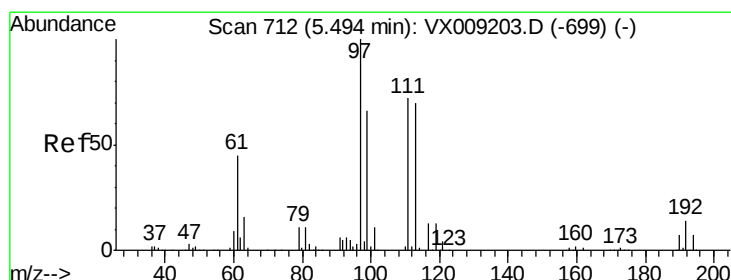
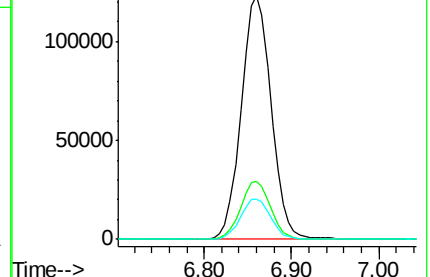
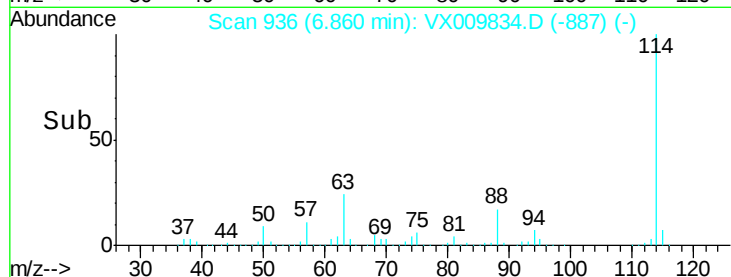
88 16.6 0.0 33.2



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: 48.477 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009834.D

Acq: 23 May 2019 04:01

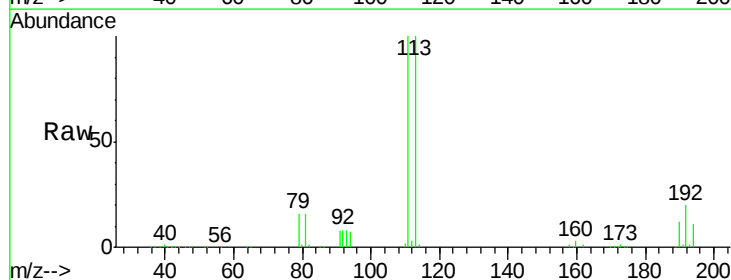
Tgt Ion:113 Resp: 89108

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

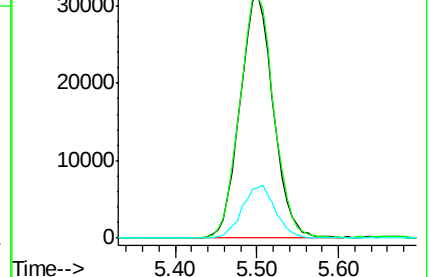
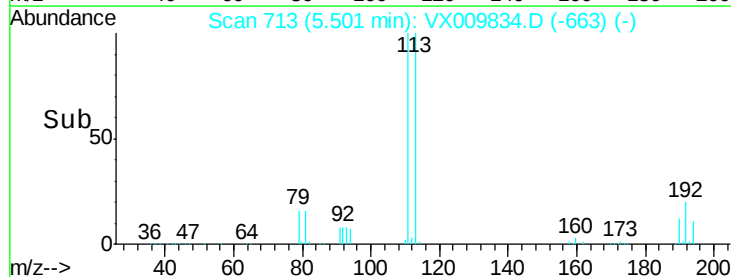
192 21.5 17.0 25.6

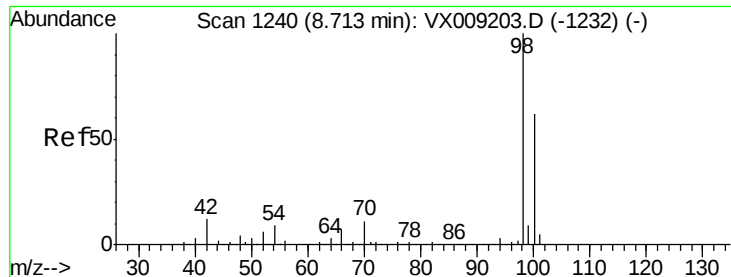


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.802 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009834.D

Acq: 23 May 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

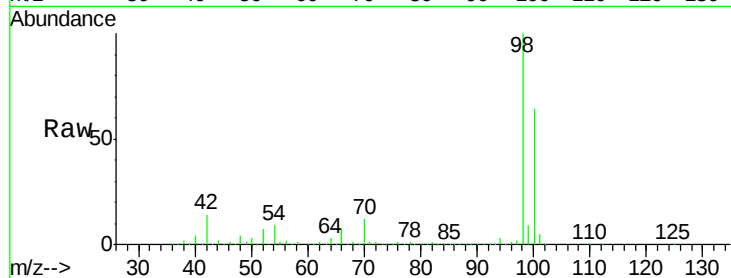
EP1-SB-MW-IR(14-17)

Tot Ion: 98 Resp: 377005

Ion Ratio Lower Upper

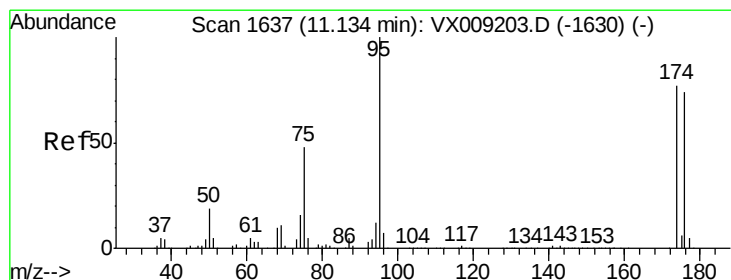
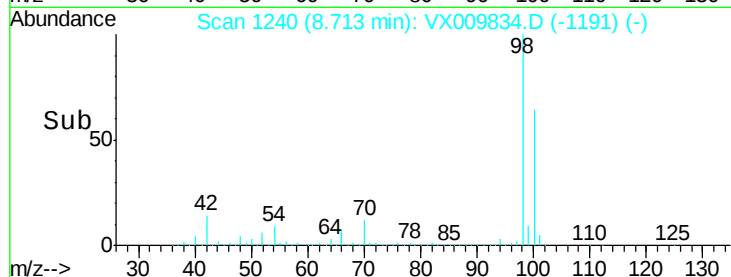
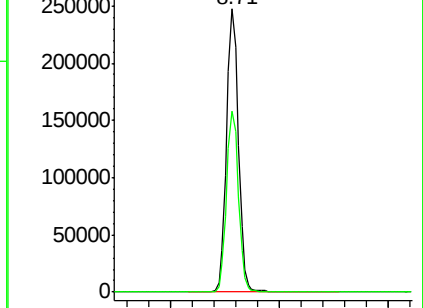
98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.656 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009834.D

Acq: 23 May 2019 04:01

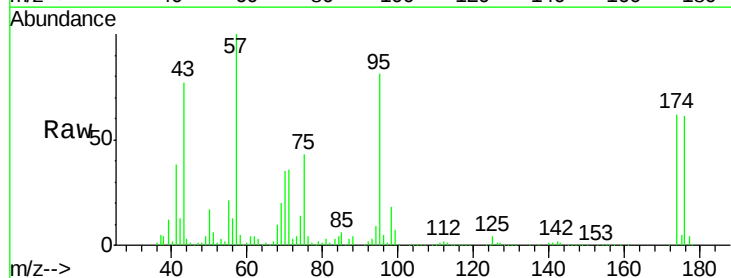
Tgt Ion: 95 Resp: 144686

Ion Ratio Lower Upper

95 100

174 78.9 0.0 161.6

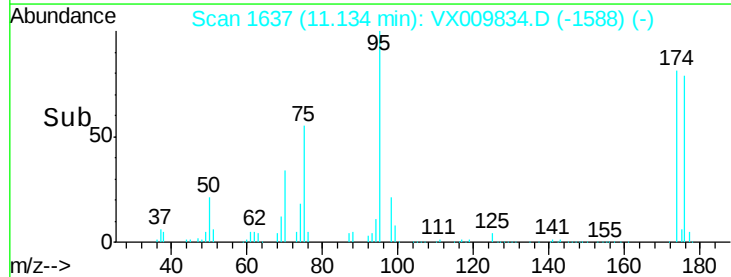
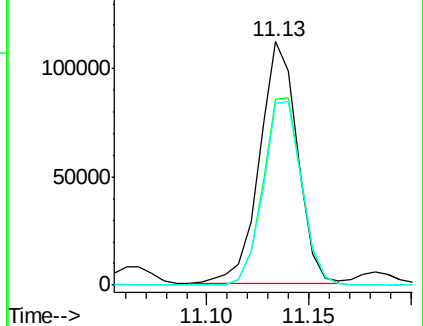
176 77.0 0.0 159.2

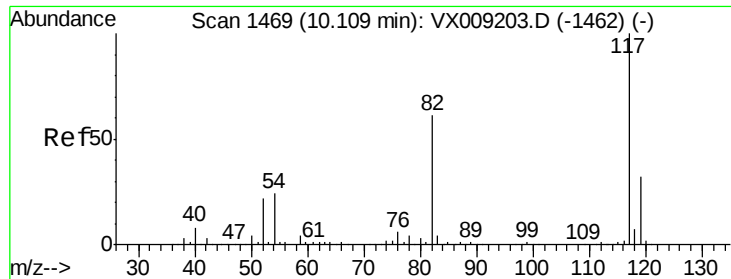


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

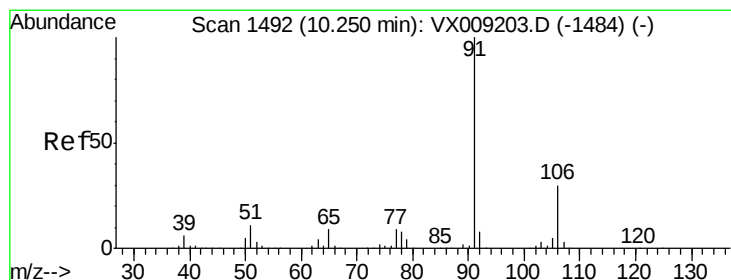
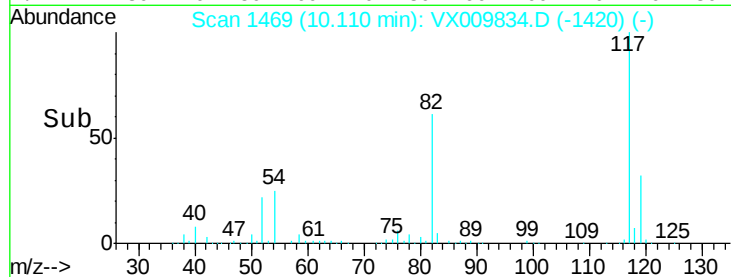
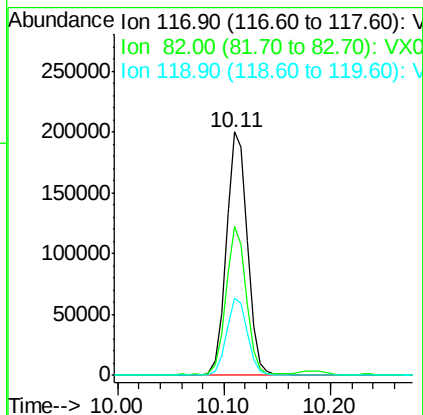
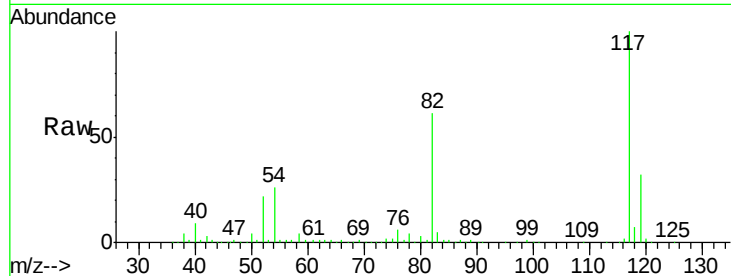




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009834.D
Acq: 23 May 2019 04:01

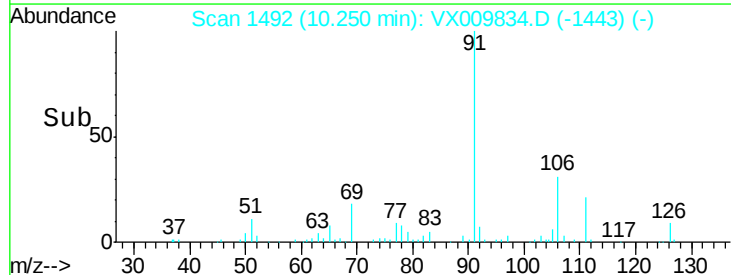
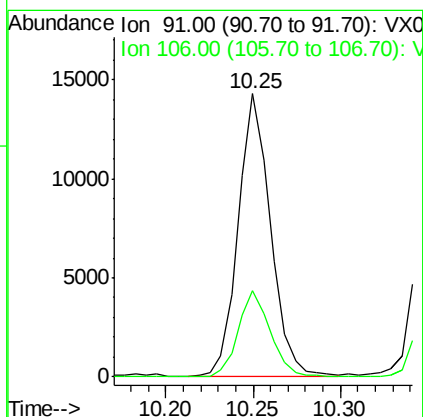
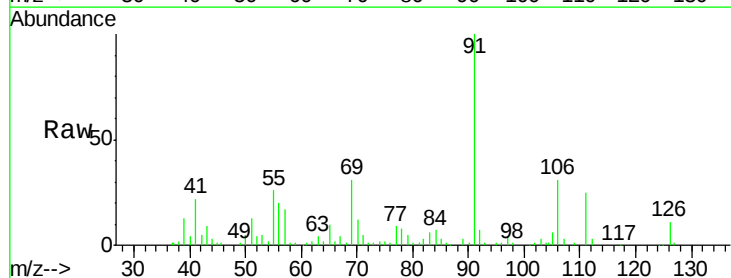
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(14-17)

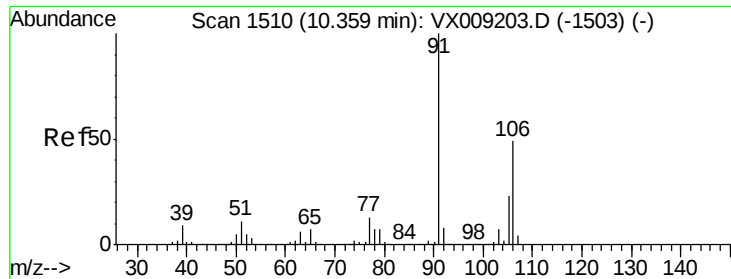
Tot Ion:117 Resp: 276387
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 31.7 25.8 38.6



#67
Ethyl Benzene
Concen: 1.812 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009834.D
Acq: 23 May 2019 04:01

Tgt Ion: 91 Resp: 18433
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

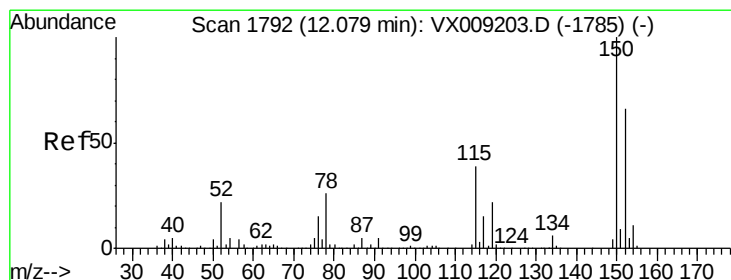
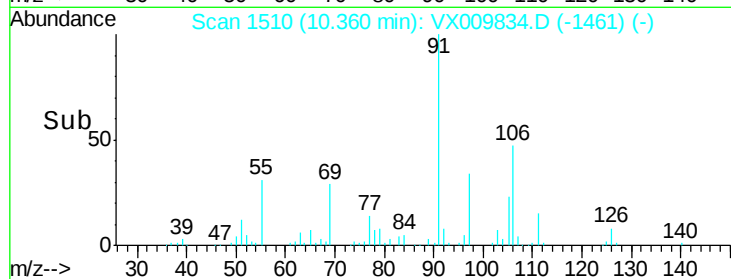
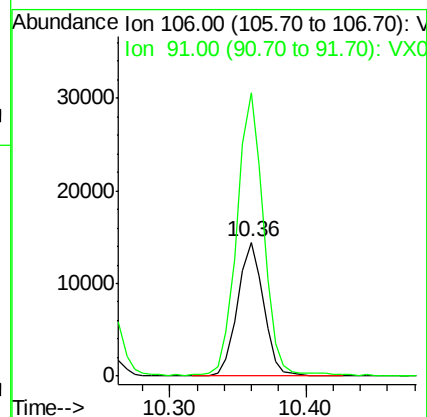
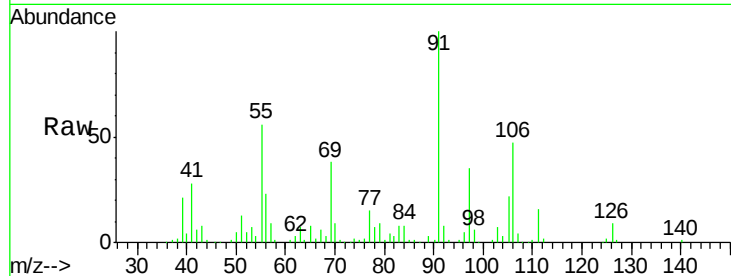




#68
m/p-Xvlenes
Concen: 5.197 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009834.D
Acq: 23 May 2019 04:01

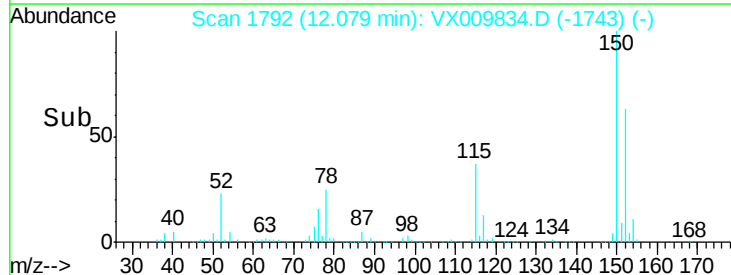
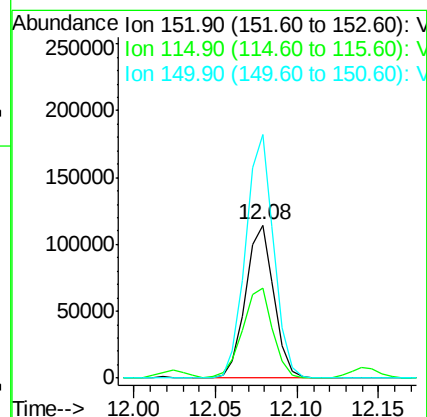
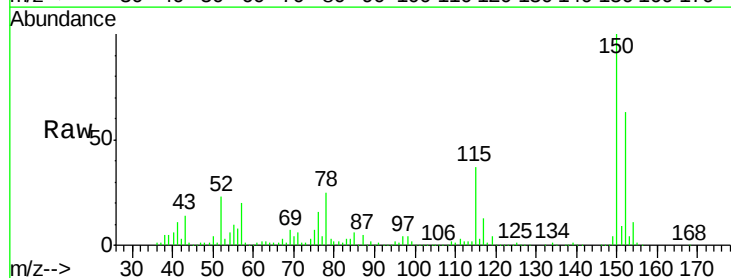
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(14-17)

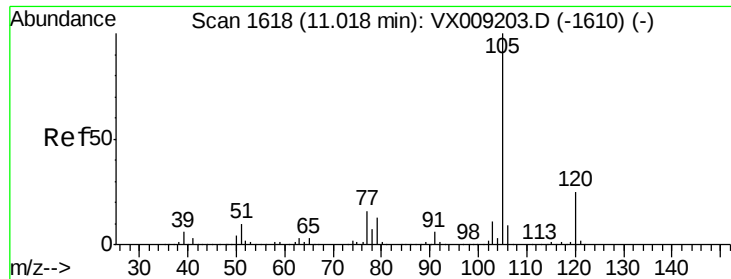
Tot Ion:106 Resp: 19324
Ion Ratio Lower Upper
106 100
91 211.7 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009834.D
Acq: 23 May 2019 04:01

Tgt Ion:152 Resp: 138470
Ion Ratio Lower Upper
152 100
115 62.9 41.2 123.6
150 157.6 0.0 346.4





#73

Isopropylbenzene

Concen: 4.643 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009834.D

Acq: 23 May 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

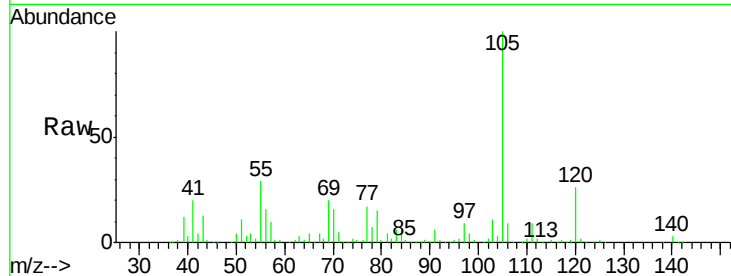
EP1-SB-MW-IR(14-17)

Tot Ion:105 Resp: 46753

Ion Ratio Lower Upper

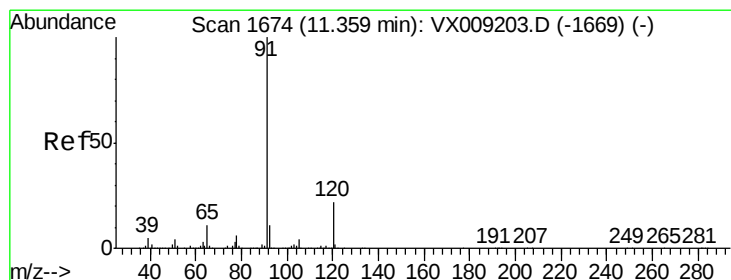
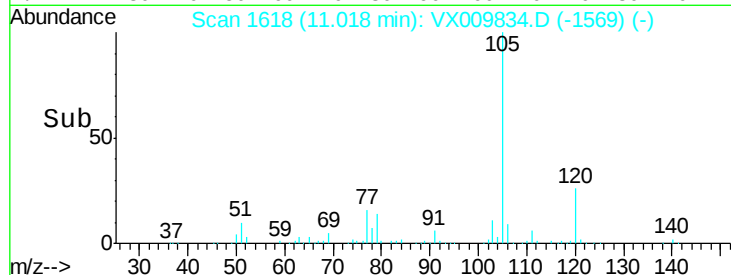
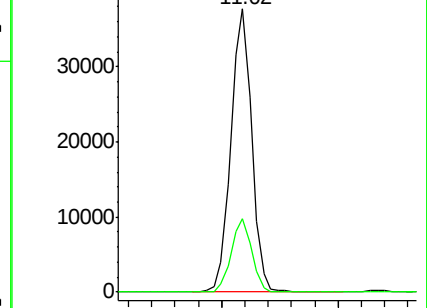
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 10.562 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009834.D

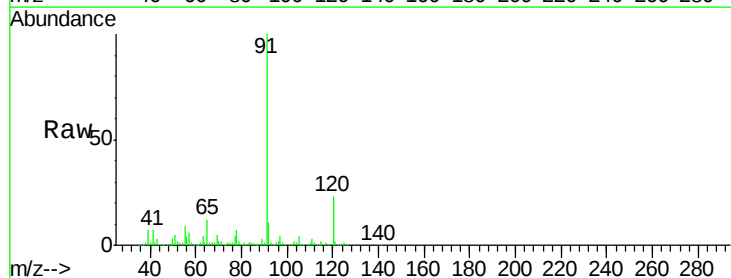
Acq: 23 May 2019 04:01

Tgt Ion: 91 Resp: 121456

Ion Ratio Lower Upper

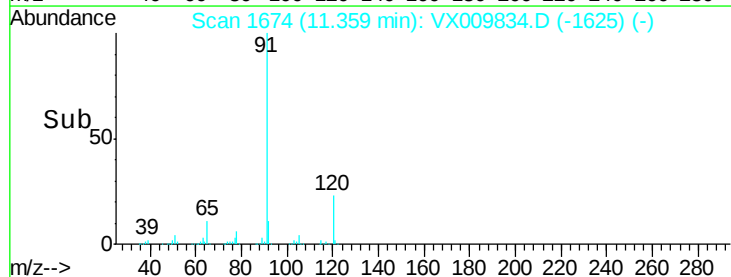
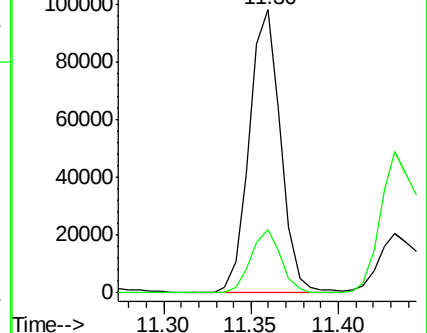
91 100

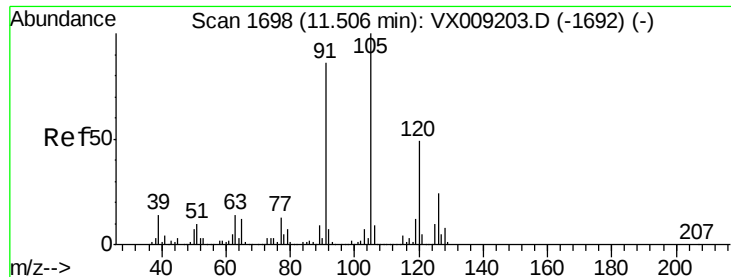
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

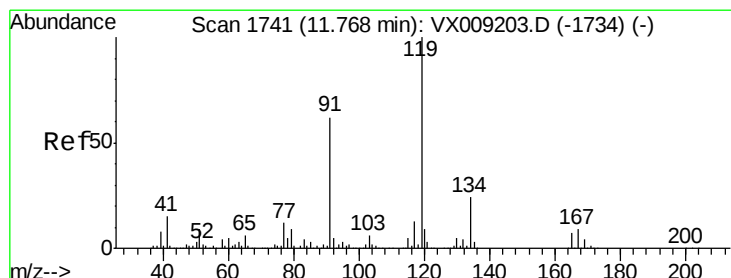
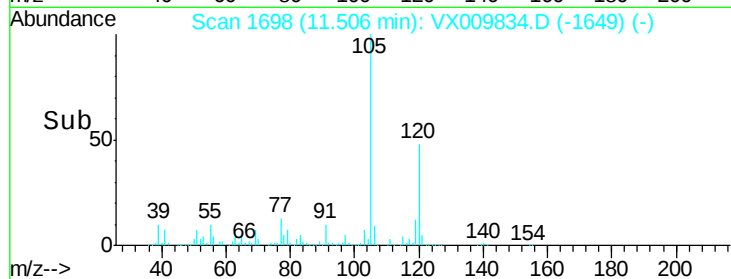
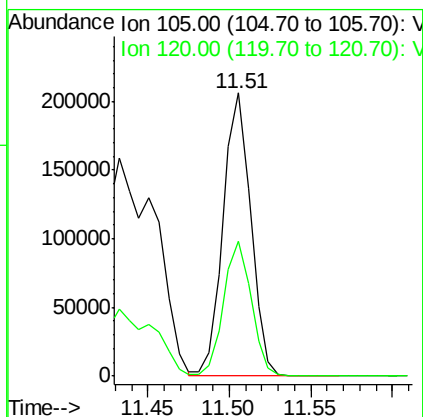
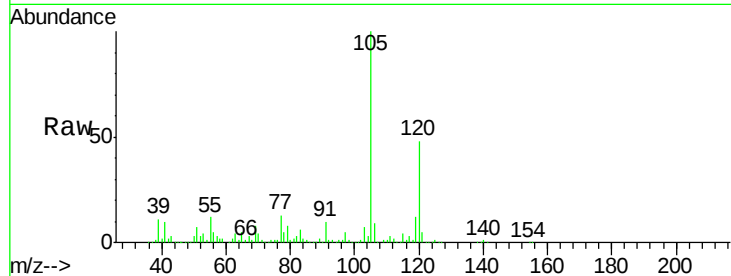




#80
 1,3,5-Trimethylbenzene
 Concen: 28.761 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009834.D
 Acq: 23 May 2019 04:01

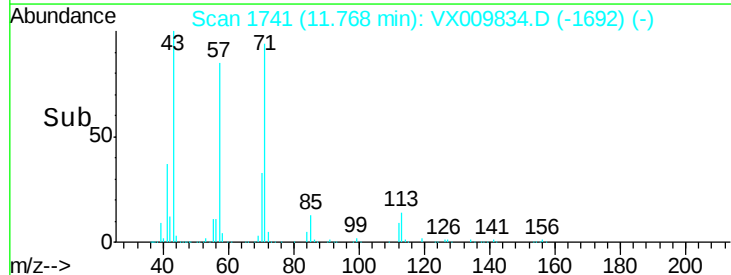
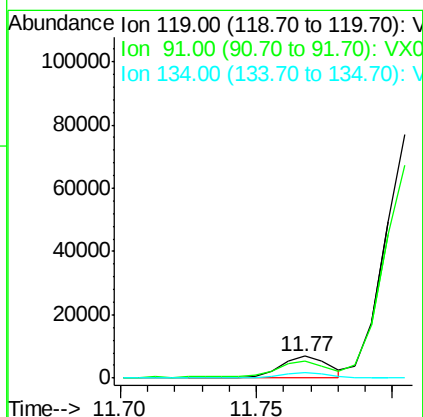
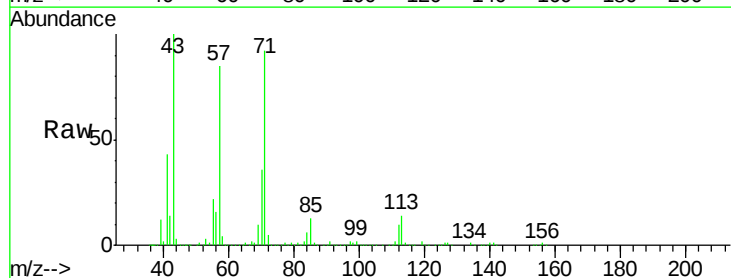
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-IR(14-17)

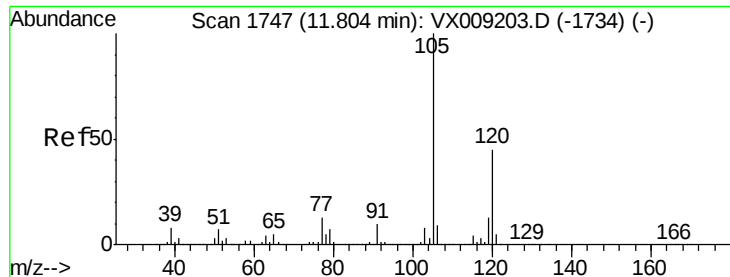
Tot Ion:105 Resp: 243848
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.3 72.9



#83
 tert-Butylbenzene
 Concen: 1.028 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009834.D
 Acq: 23 May 2019 04:01

Tgt Ion:119 Resp: 8478
 Ion Ratio Lower Upper
 119 100
 91 80.2 29.5 88.5
 134 24.2 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 87.825 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009834.D

Acq: 23 May 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

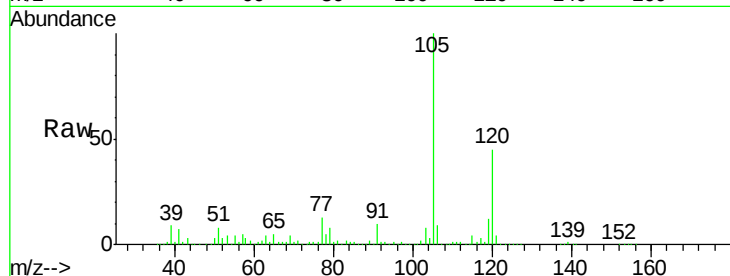
EP1-SB-MW-IR(14-17)

Tot Ion:105 Resp: 747410

Ion Ratio Lower Upper

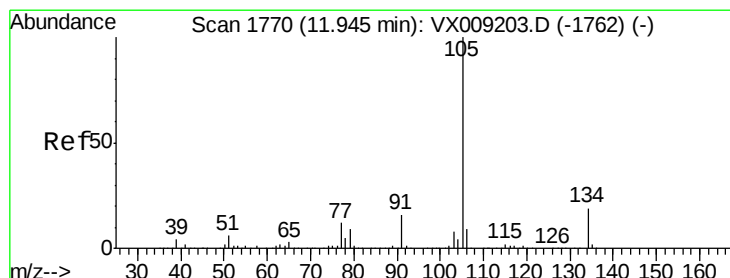
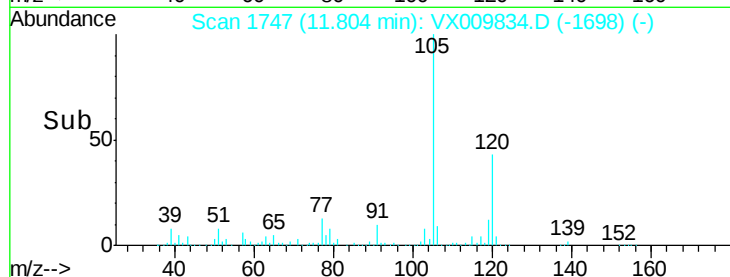
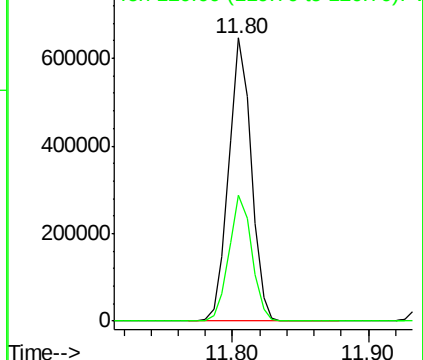
105 100

120 45.0 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.718 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009834.D

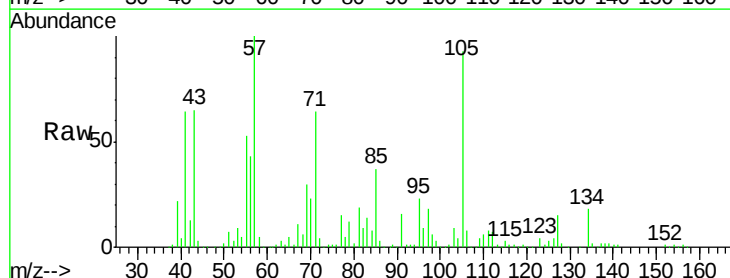
Acq: 23 May 2019 04:01

Tgt Ion:105 Resp: 75468

Ion Ratio Lower Upper

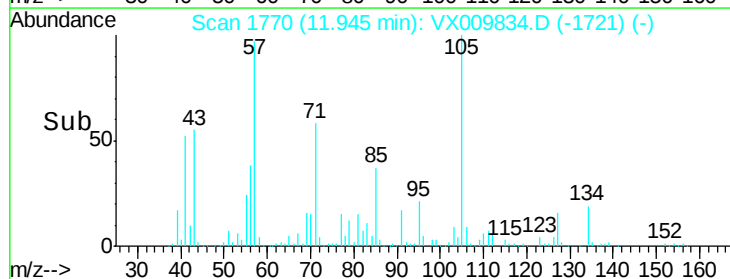
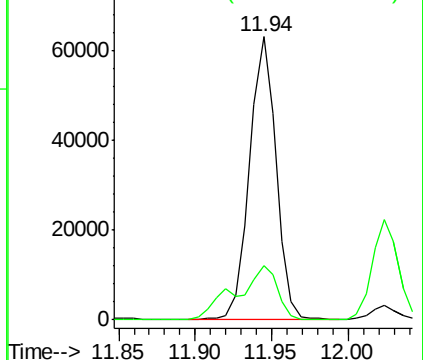
105 100

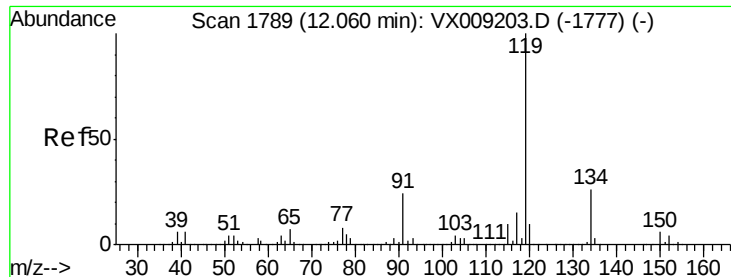
134 30.2 9.7 28.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

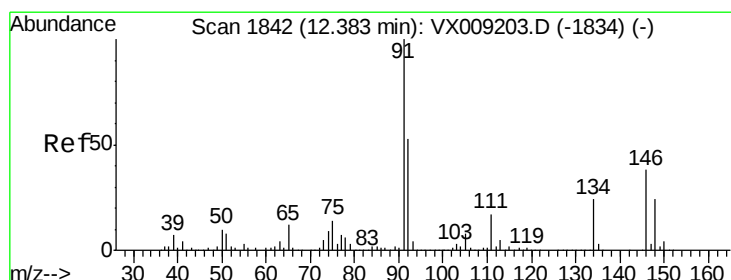
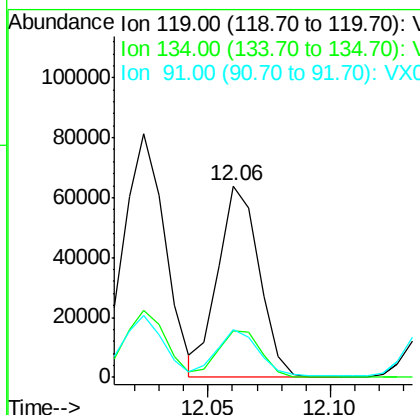
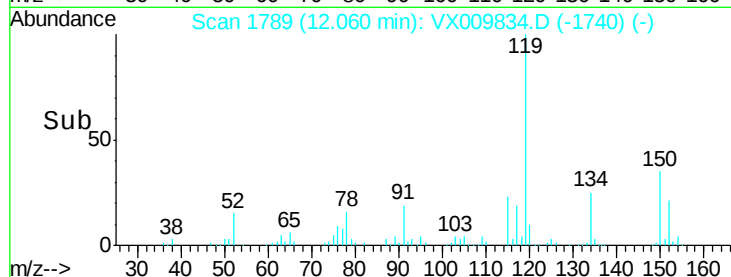
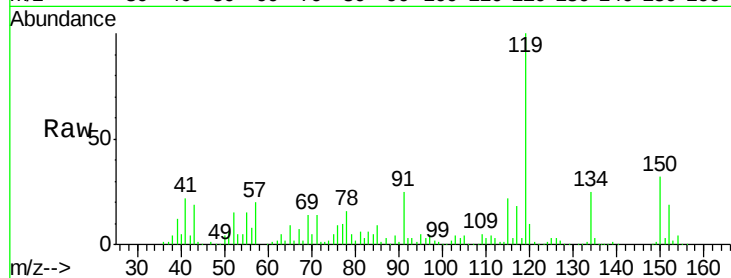




#86
p-Isopropyltoluene
Concen: 8.488 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009834.D
Acq: 23 May 2019 04:01

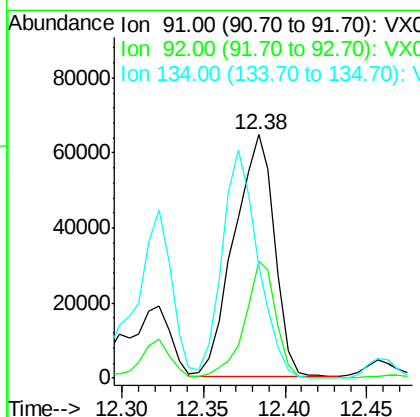
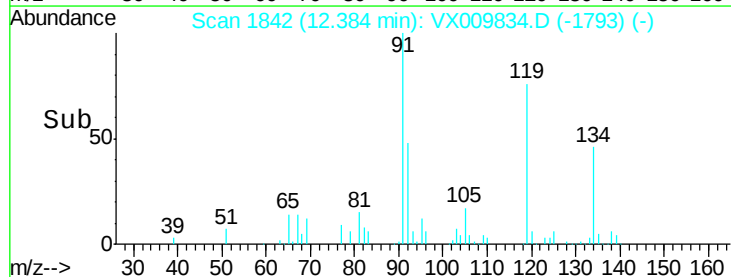
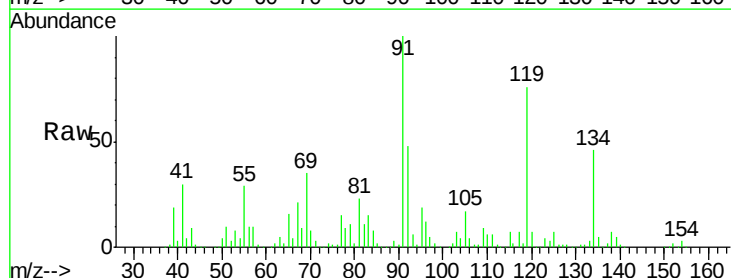
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(14-17)

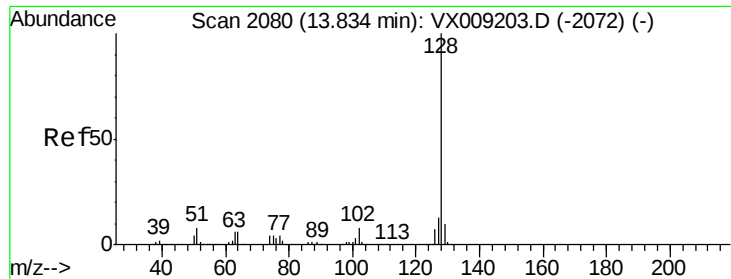
Tot Ion:119 Resp: 74613
Ion Ratio Lower Upper
119 100
134 25.9 12.9 38.7
91 24.7 11.8 35.4



#89
n-Butylbenzene
Concen: 13.919 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009834.D
Acq: 23 May 2019 04:01

Tgt Ion: 91 Resp: 110590
Ion Ratio Lower Upper
91 100
92 37.5 26.5 79.5
134 83.5 12.4 37.2#

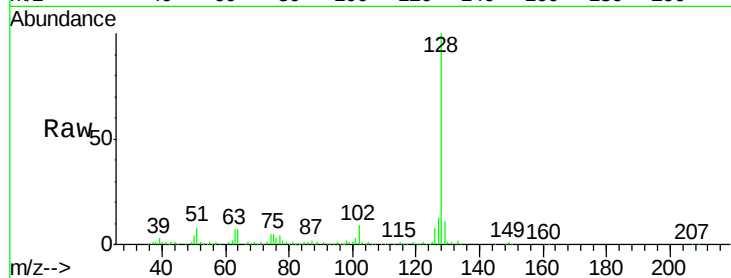




#95
 Naphthalene
 Concen: 4.275 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX009834.D
 Acq: 23 May 2019 04:01

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-IR(14-17)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	12.2	8.6	13.0



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

