

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009826.D
 Acq On : 23 May 2019 00:54
 Operator : JC/SP
 Sample : K2976-05 50X
 Misc : 5.39g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E-6R(14-17)

Quant Time: May 23 08:42:44 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

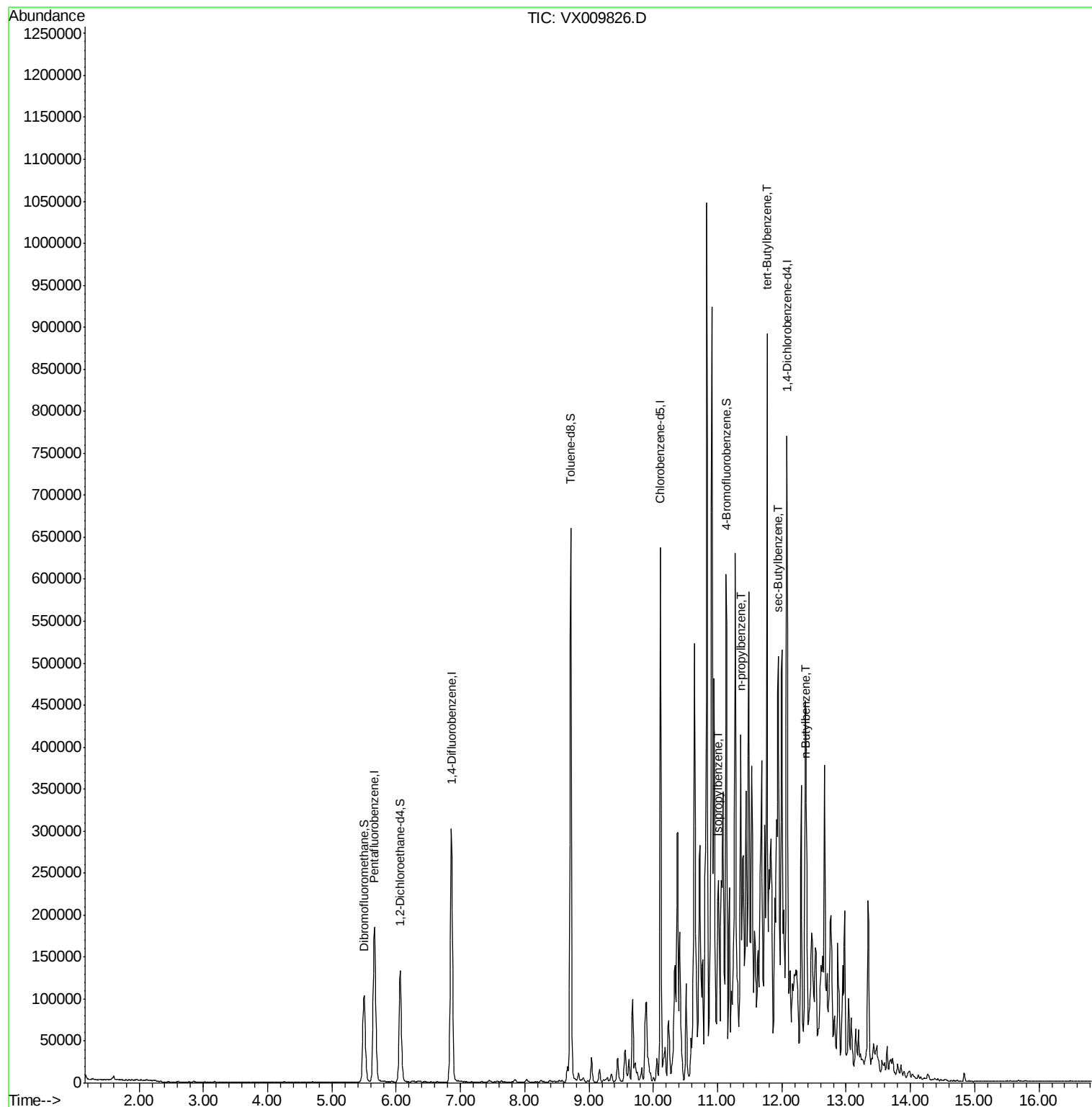
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124094	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	5.50	113	88653	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	375310	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	142628	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
Target Compounds						
73) Isopropylbenzene	11.02	105	73002	7.591	ug/l	99
78) n-propylbenzene	11.36	91	205025	18.666	ug/l	99
83) tert-Butylbenzene	11.77	119	13653	1.733	ug/l	83
85) sec-Butylbenzene	11.94	105	98007	10.494	ug/l	96
89) n-Butylbenzene	12.38	91	63364	8.350	ug/l	89

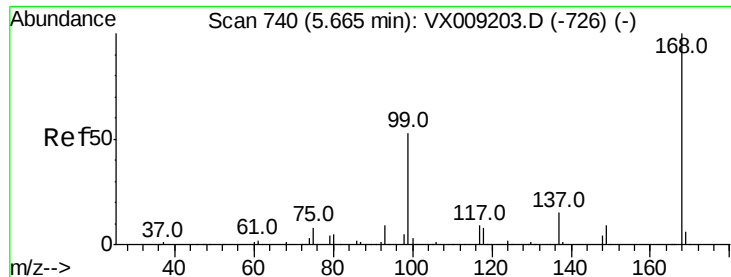
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009826.D
Acq On : 23 May 2019 00:54
Operator : JC/SP
Sample : K2976-05 50X
Misc : 5.39g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-6R(14-17)

Quant Time: May 23 08:42:44 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009826.D

Acq: 23 May 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

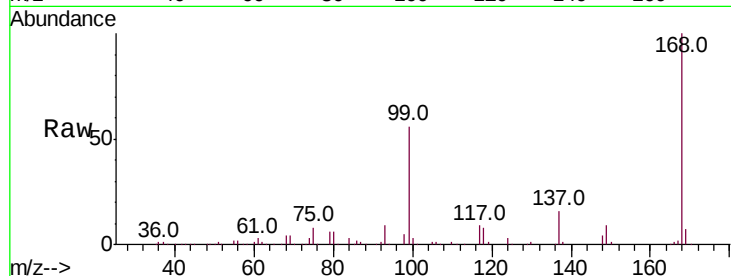
EP1-SB-E-6R(14-17)

Tot Ion:168 Resp: 179013

Ion Ratio Lower Upper

168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

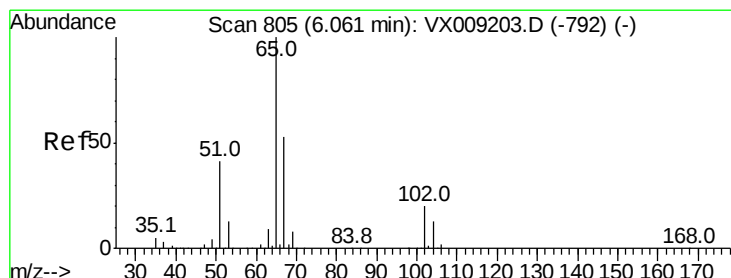
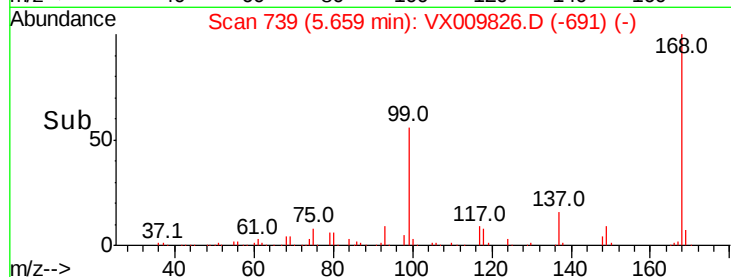
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.780 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009826.D

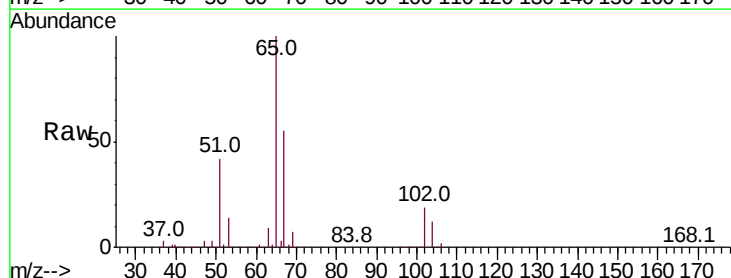
Acq: 23 May 2019 00:54

Tgt Ion: 65 Resp: 124094

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

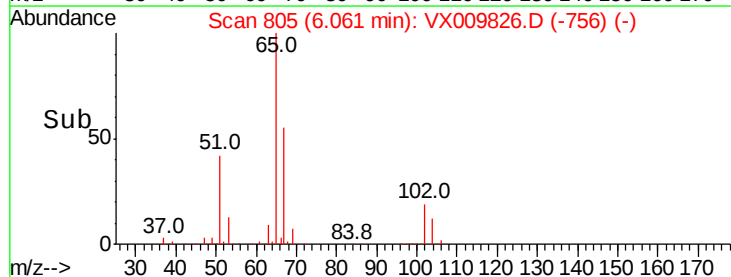
30000

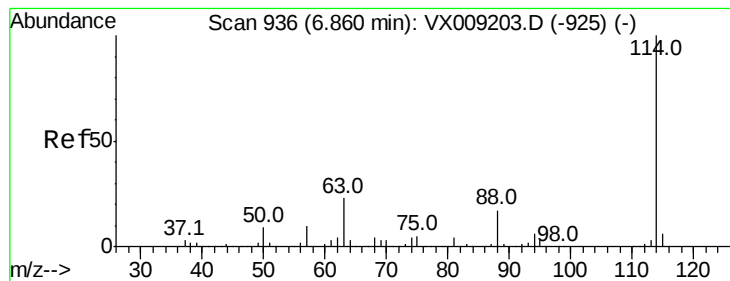
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009826.D

Acq: 23 May 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E-6R(14-17)

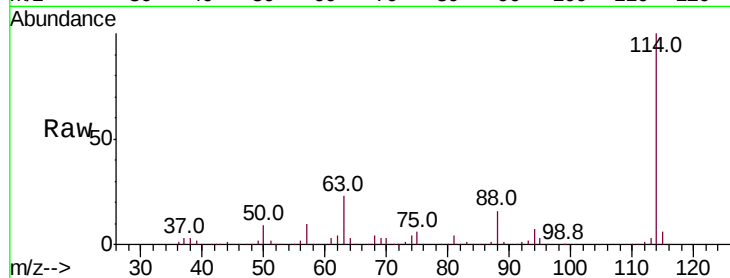
Tot Ion:114 Resp: 292125

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

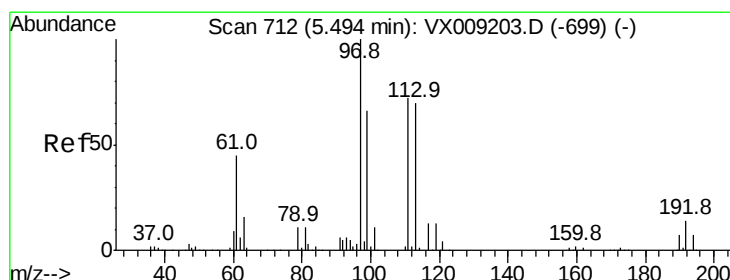
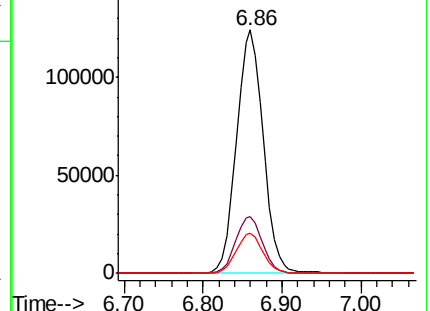
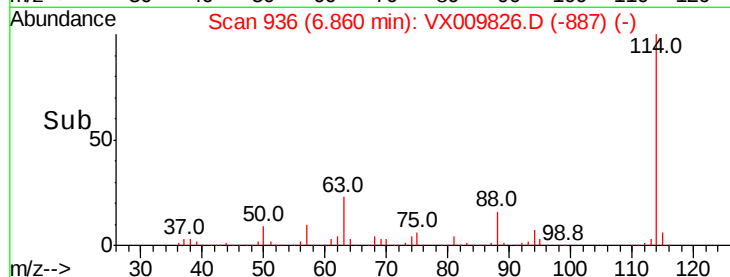
88 16.3 0.0 33.2



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: 48.275 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009826.D

Acq: 23 May 2019 00:54

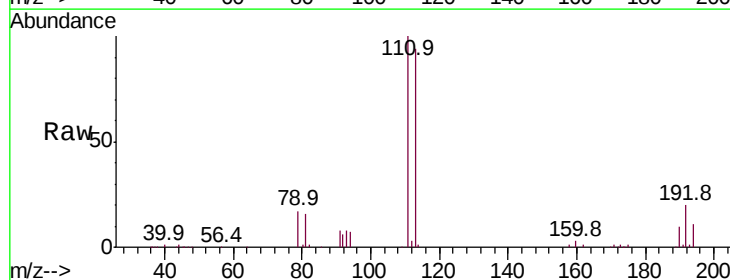
Tgt Ion:113 Resp: 88653

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

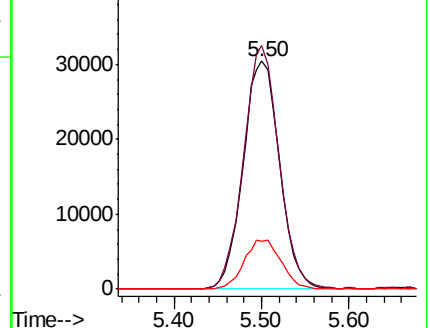
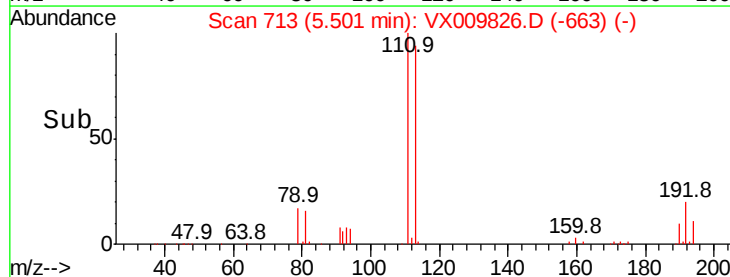
192 22.0 17.0 25.6

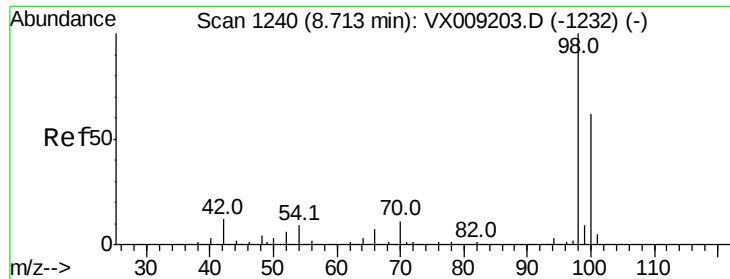


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.621 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009826.D

Acq: 23 May 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

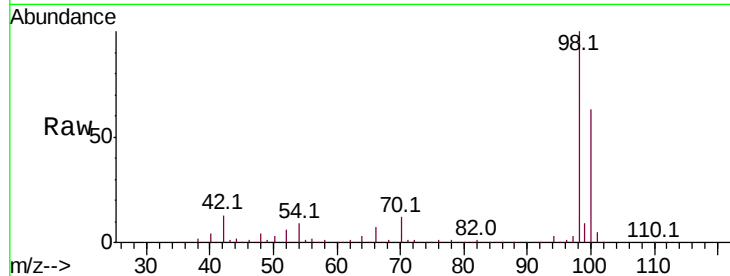
EP1-SB-E-6R(14-17)

Tot Ion: 98 Resp: 375310

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

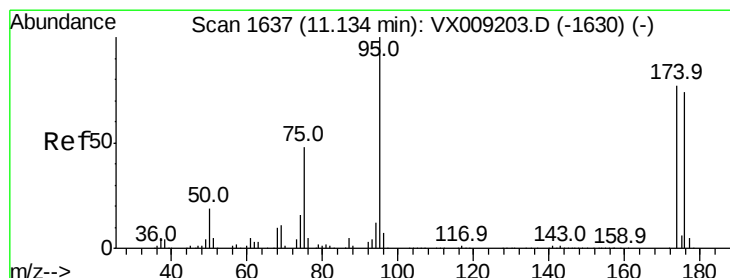
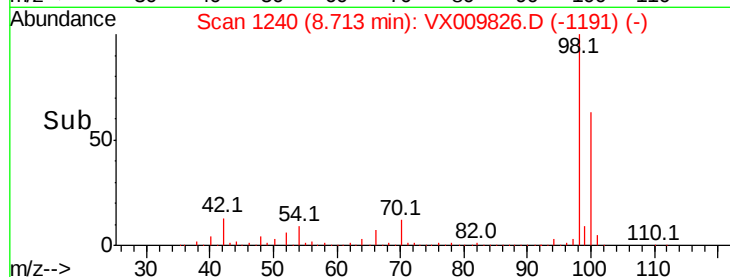
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009826.D

Acq: 23 May 2019 00:54

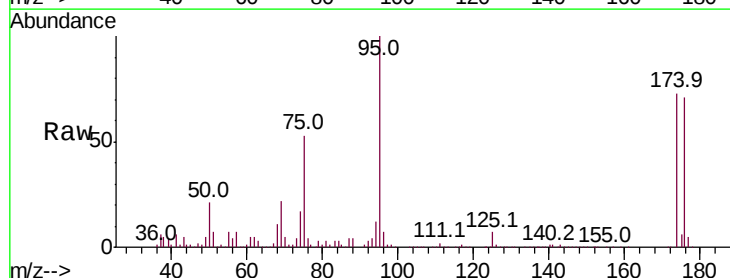
Tgt Ion: 95 Resp: 142628

Ion Ratio Lower Upper

95 100

174 77.3 0.0 161.6

176 74.9 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

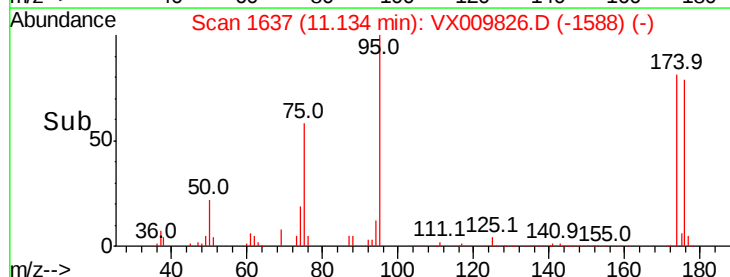
150000

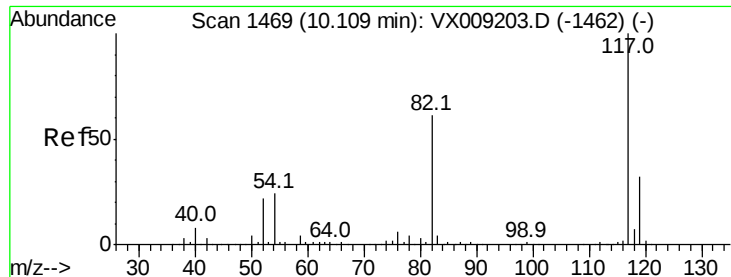
100000

50000

0

Time-->

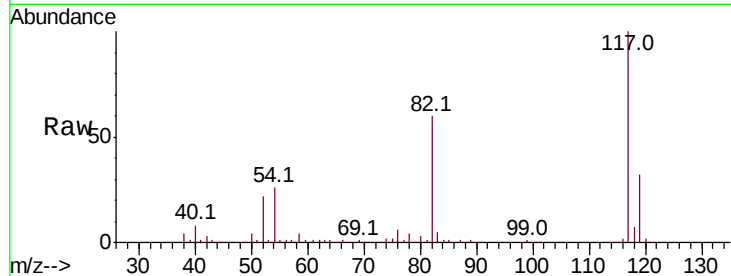




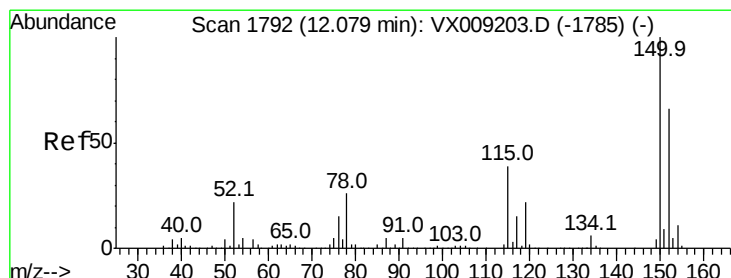
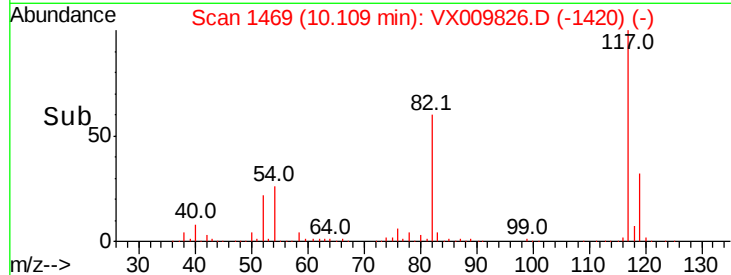
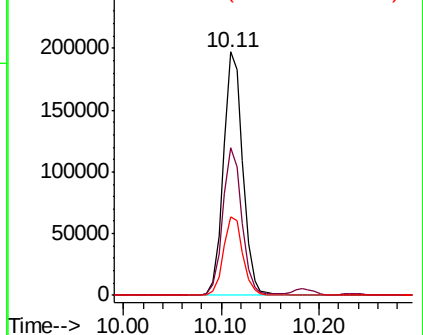
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-6R(14-17)

Tot Ion:117 Resp: 270079
Ion Ratio Lower Upper
117 100
82 60.2 48.8 73.2
119 32.0 25.8 38.6

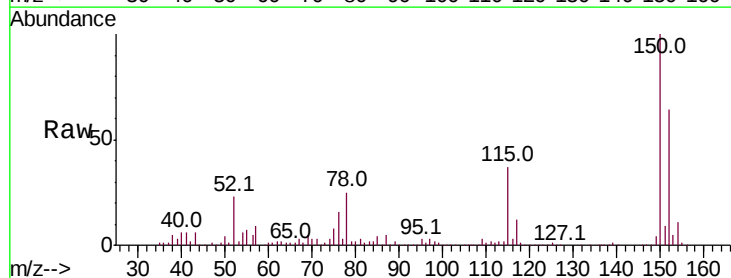


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

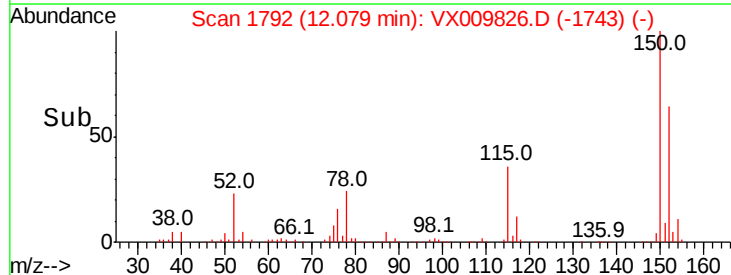
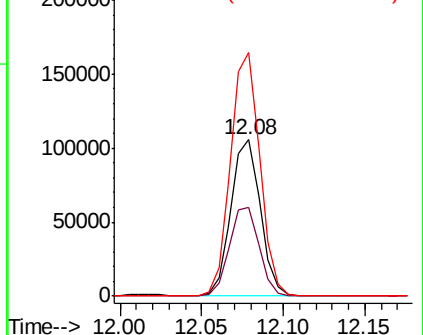


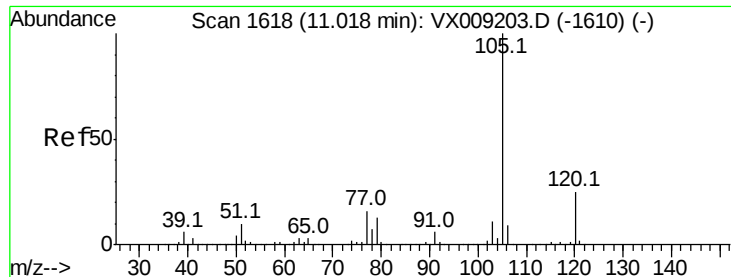
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion:152 Resp: 132256
Ion Ratio Lower Upper
152 100
115 58.0 41.2 123.6
150 155.6 0.0 346.4



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: 7.591 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009826.D

Acq: 23 May 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

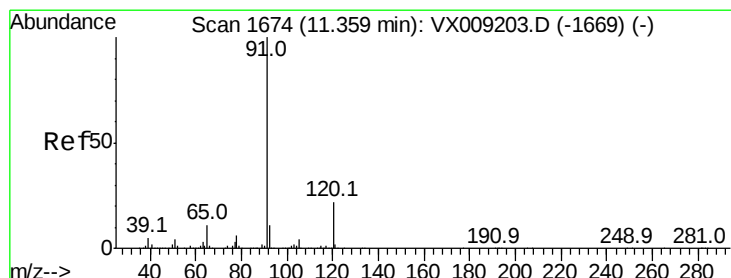
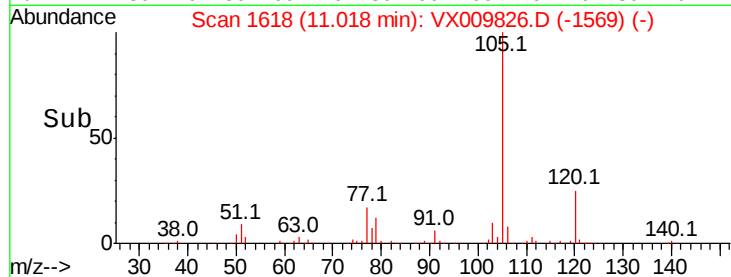
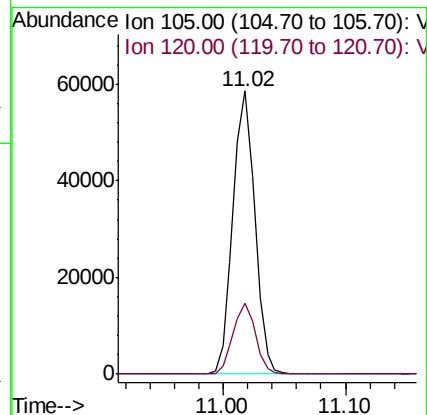
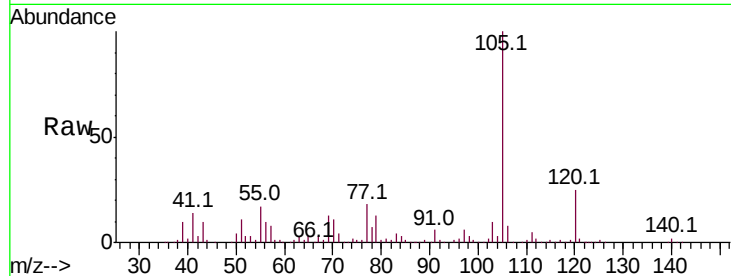
EP1-SB-E-6R(14-17)

Tot Ion:105 Resp: 73002

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.3



#78

n-propylbenzene

Concen: 18.666 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009826.D

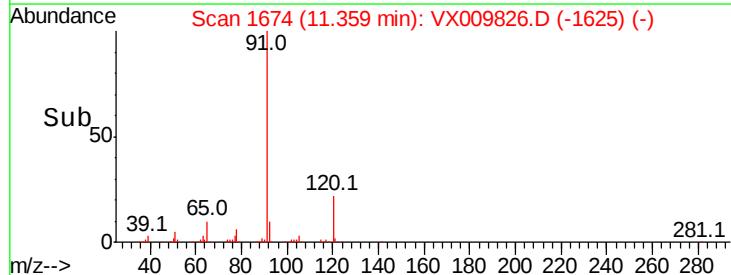
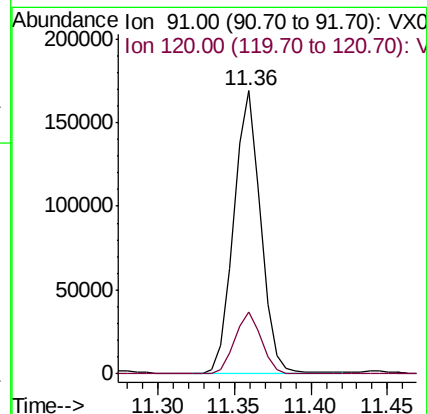
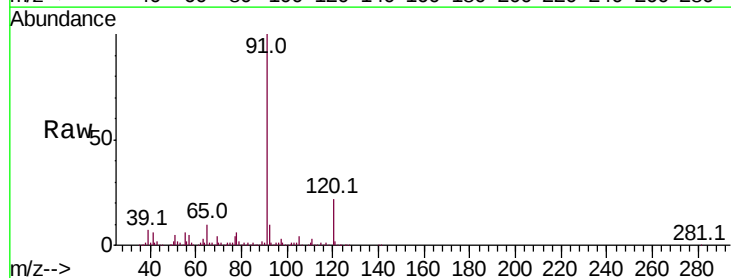
Acq: 23 May 2019 00:54

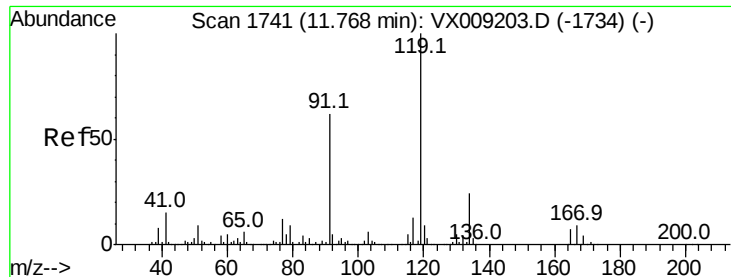
Tgt Ion: 91 Resp: 205025

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

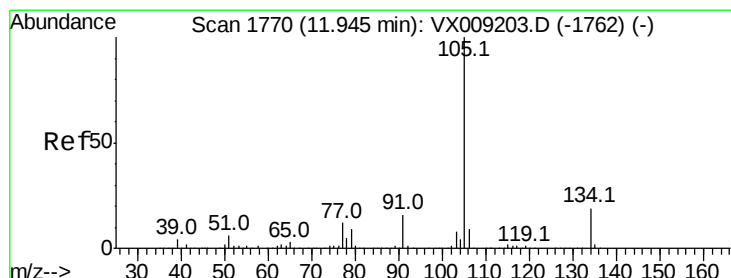
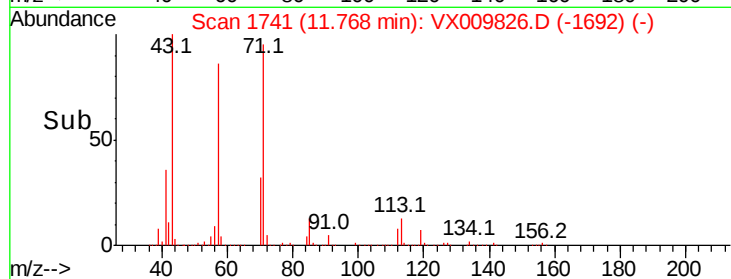
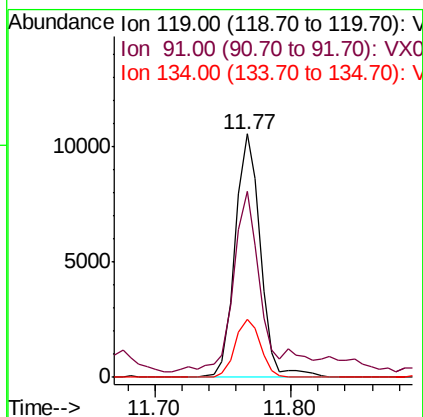
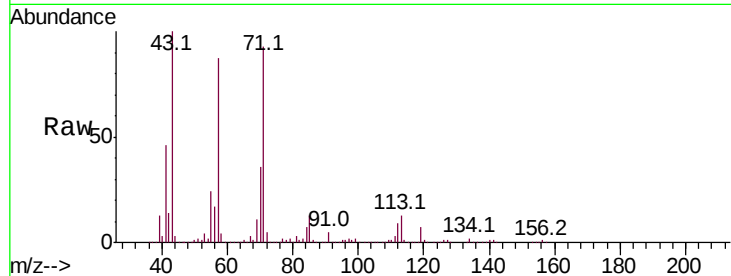




#83
tert-Butylbenzene
Concen: 1.733 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

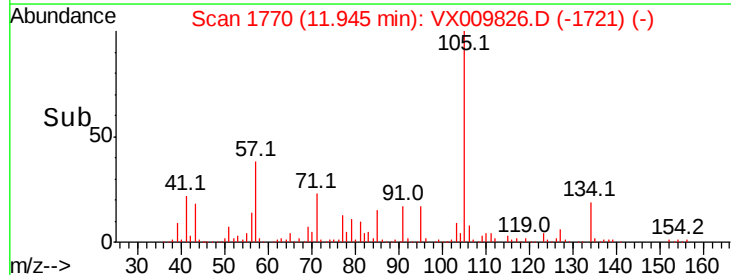
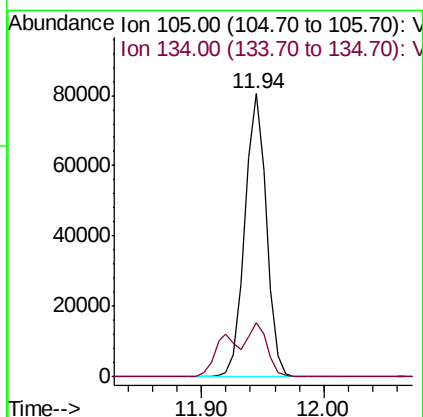
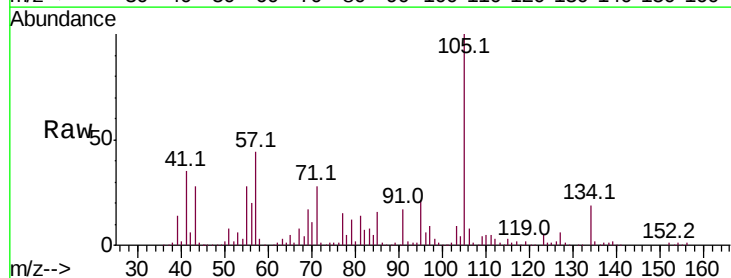
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-6R(14-17)

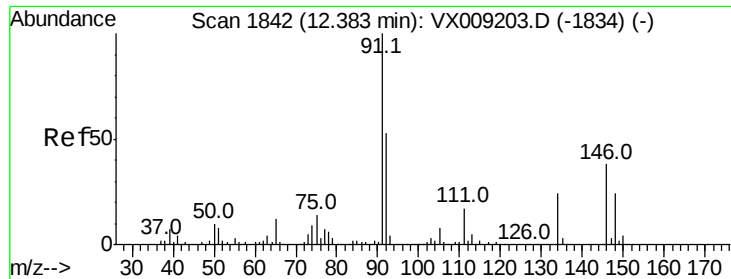
Tot Ion	Ratio	Lower	Upper
119	100		
91	75.8	29.5	88.5
134	23.9	11.4	34.1



#85
sec-Butylbenzene
Concen: 10.494 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.7	28.9





#89

n-Butylbenzene

Concen: 8.350 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009826.D

Acq: 23 May 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E-6R(14-17)

Tot Ion: 91 Resp: 63364

Ion Ratio Lower Upper

91 100

92 46.9 26.5 79.5

134 33.5 12.4 37.2

