

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009863.D
 Acq On : 23 May 2019 17:04
 Operator : JC/SP
 Sample : K2976-02 10X
 Misc : 5.76g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(17-20)

Quant Time: May 24 04:42:18 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	169677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110592	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	114557	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	5.50	113	81976	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	346079	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	158537	64.08	ug/l	0.00
Spiked Amount			Recovery	=	128.16%	

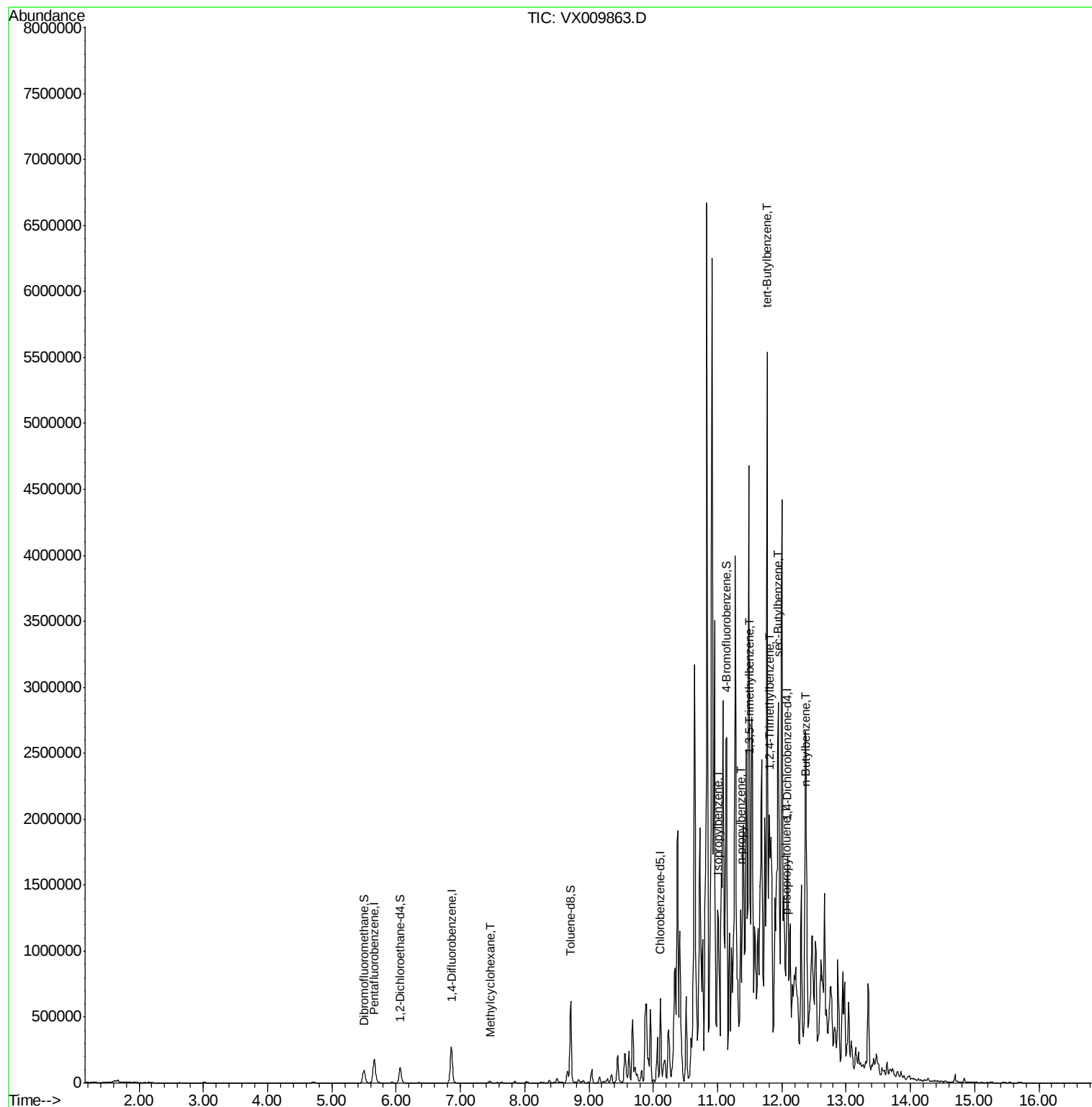
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	4522	1.477	ug/l	89
73) Isopropylbenzene	11.02	105	185650	23.085	ug/l	99
78) n-propylbenzene	11.36	91	508652	55.382	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	14328	2.116	ug/l	94
83) tert-Butylbenzene	11.77	119	40177	6.099	ug/l	80
84) 1,2,4-Trimethylbenzene	11.80	105	192320	28.295	ug/l	99
85) sec-Butylbenzene	11.94	105	365262	46.770	ug/l	98
86) p-Isopropyltoluene	12.06	119	49411	7.038	ug/l	99
89) n-Butylbenzene	12.38	91	303978	47.903	ug/l	89

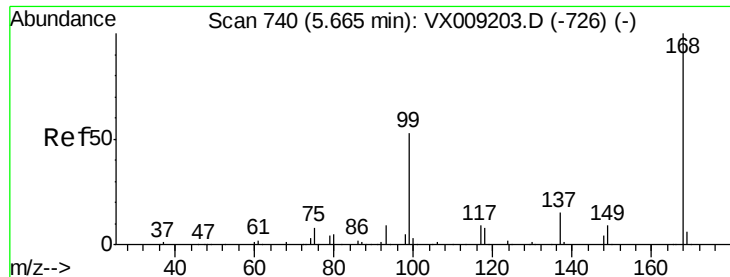
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052319\
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EP1-SB-E2-3R(17-20)

Quant Time: May 24 04:42:18 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: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

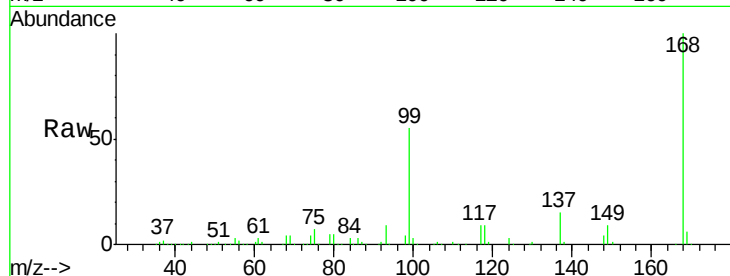
EP1-SB-E2-3R(17-20)

Tot Ion:168 Resp: 169677

Ion Ratio Lower Upper

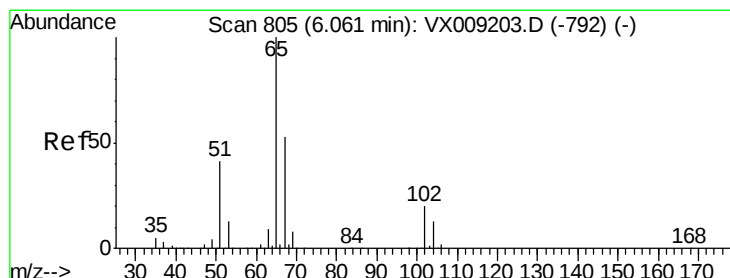
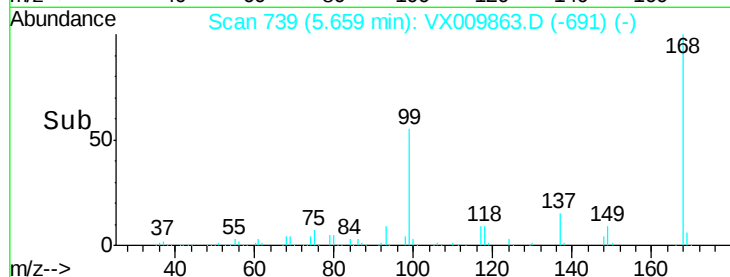
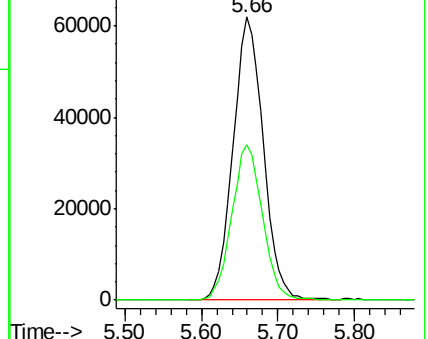
168 100

99 54.7 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: 49.457 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009863.D

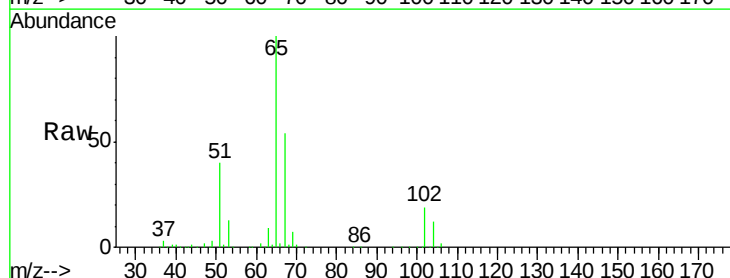
Acq: 23 May 2019 17:04

Tgt Ion: 65 Resp: 114557

Ion Ratio Lower Upper

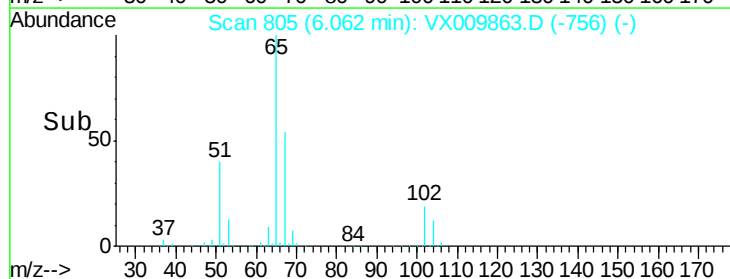
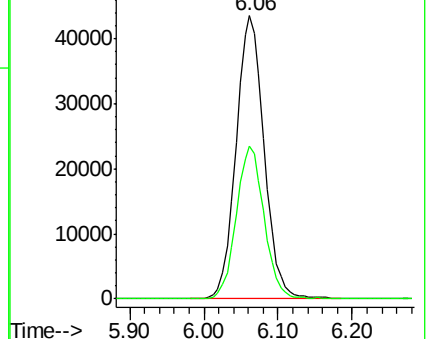
65 100

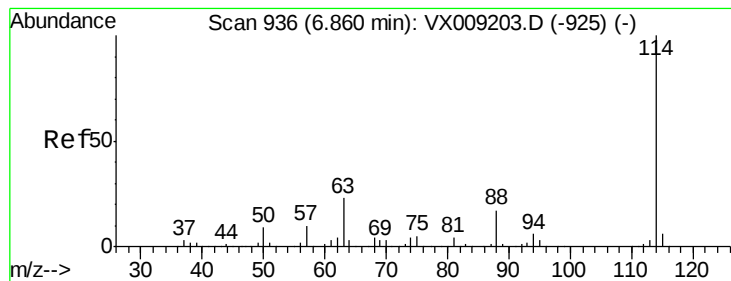
67 53.7 0.0 106.6



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: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(17-20)

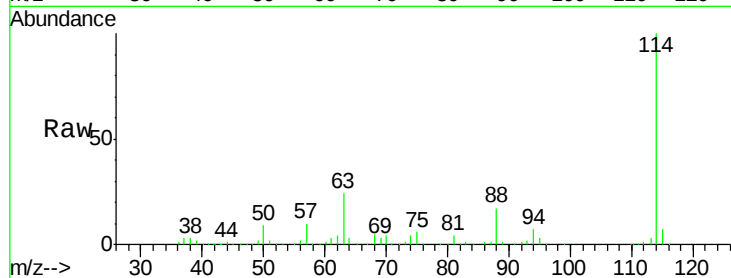
Tot Ion:114 Resp: 268284

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.6

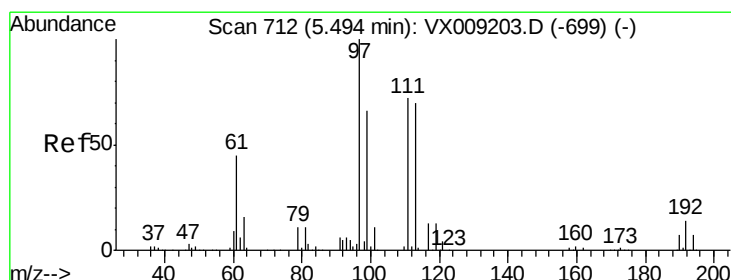
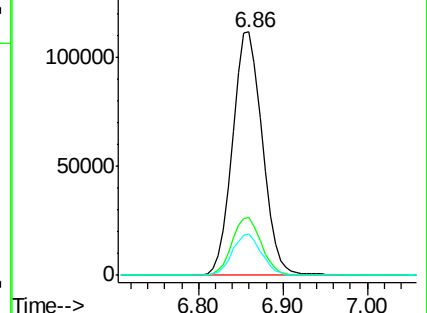
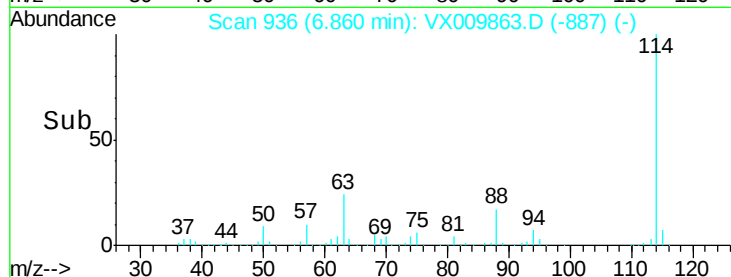
88 16.8 0.0 33.2



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: 48.606 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

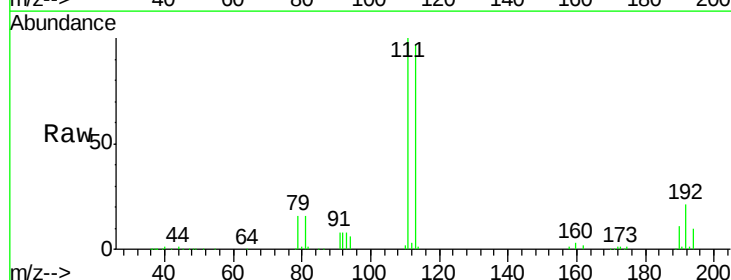
Tgt Ion:113 Resp: 81976

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

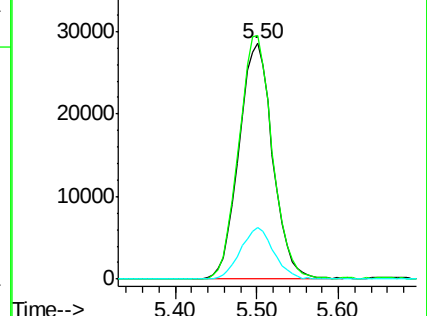
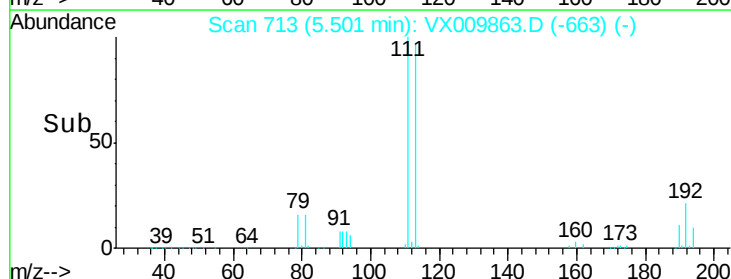
192 21.4 17.0 25.6

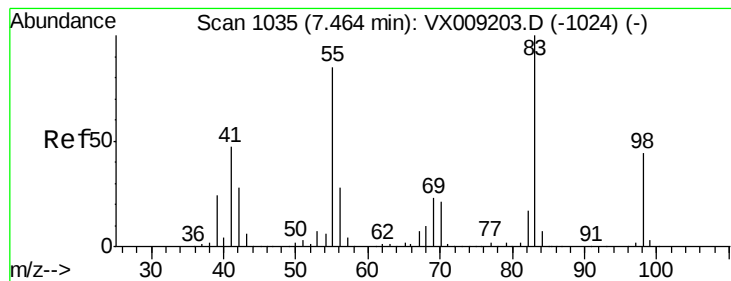


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methvlcvclohexane

Concen: 1.477 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(17-20)

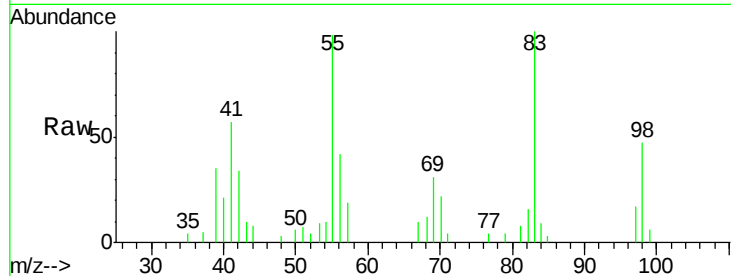
Tot Ion: 83 Resp: 4522

Ion Ratio Lower Upper

83 100

55 98.3 67.7 101.5

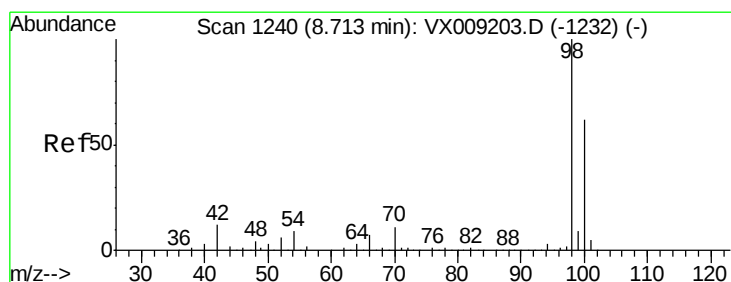
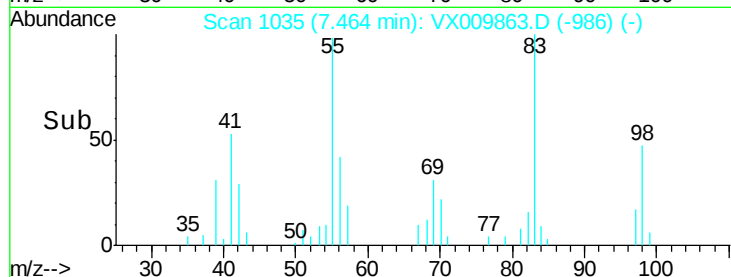
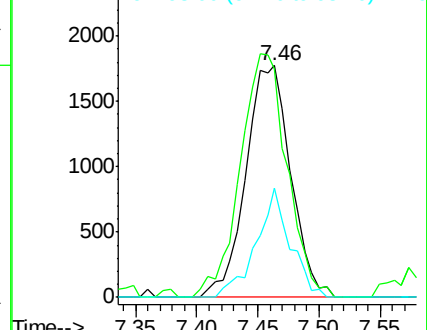
98 47.2 35.5 53.3



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



#50

Toluene-d8

Concen: 50.827 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009863.D

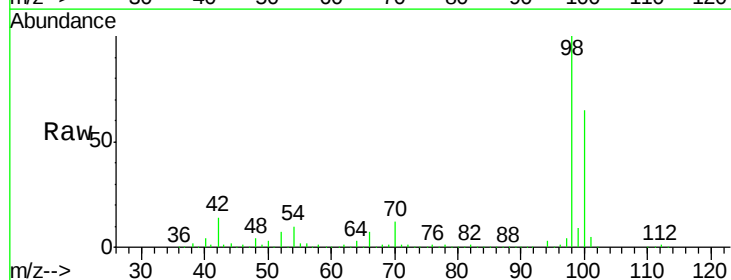
Acq: 23 May 2019 17:04

Tgt Ion: 98 Resp: 346079

Ion Ratio Lower Upper

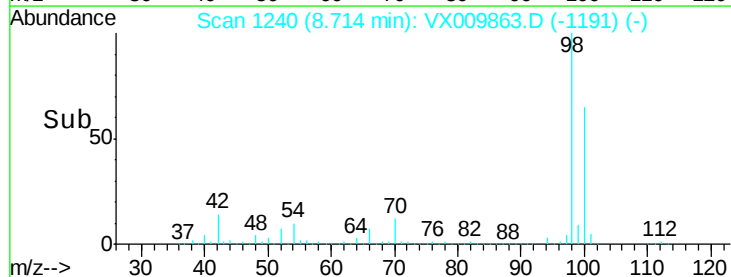
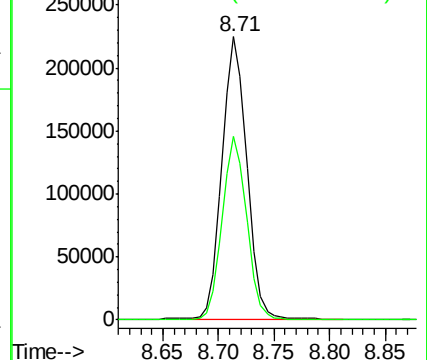
98 100

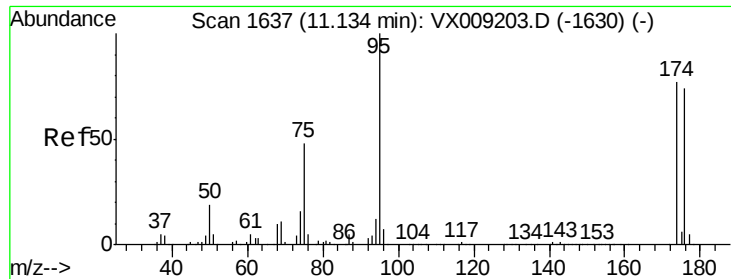
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 64.078 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(17-20)

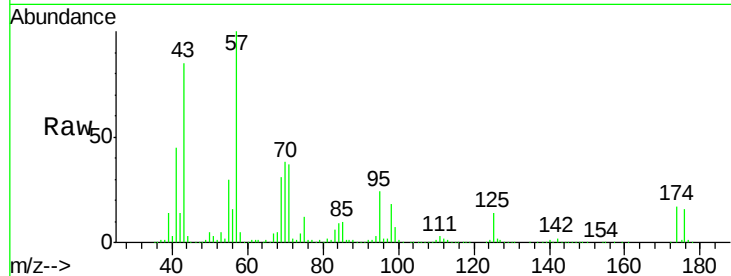
Tot Ion: 95 Resp: 158537

Ion Ratio Lower Upper

95 100

174 60.3 0.0 161.6

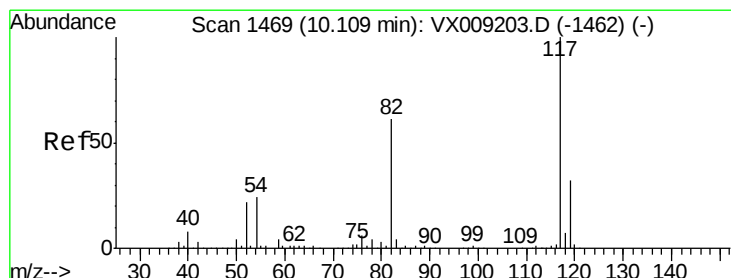
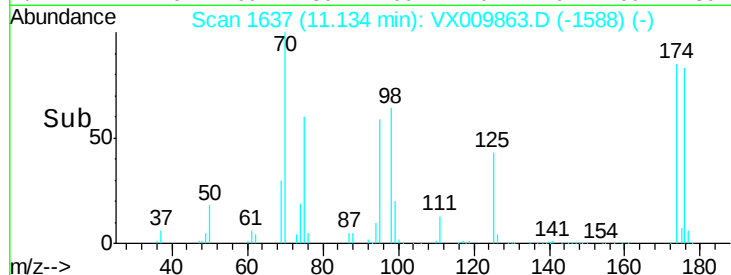
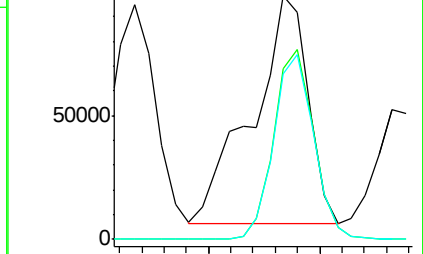
176 59.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009863.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009863.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009863.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

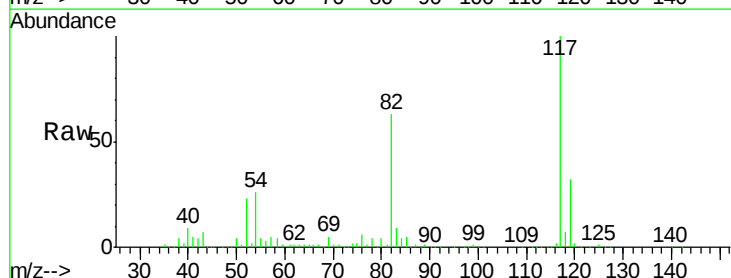
Tgt Ion: 117 Resp: 246482

Ion Ratio Lower Upper

117 100

82 60.5 48.8 73.2

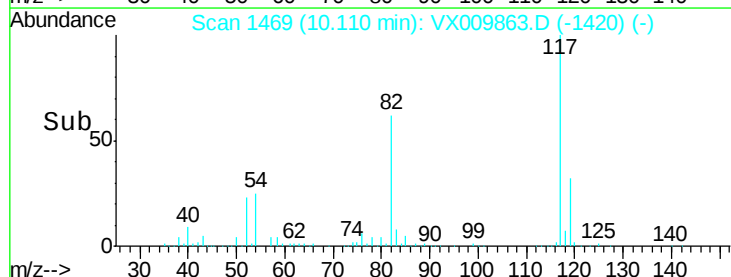
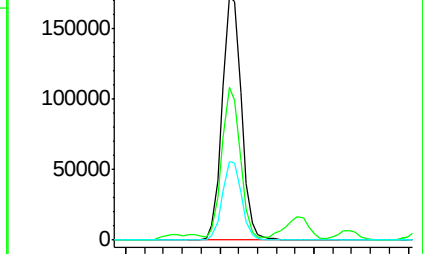
119 32.4 25.8 38.6

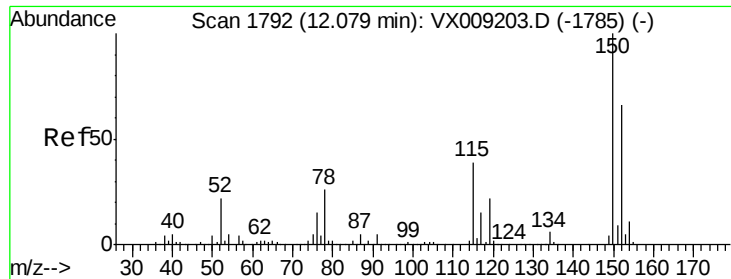


Abundance Ion 116.90 (116.60 to 117.60): VX009863.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009863.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009863.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(17-20)

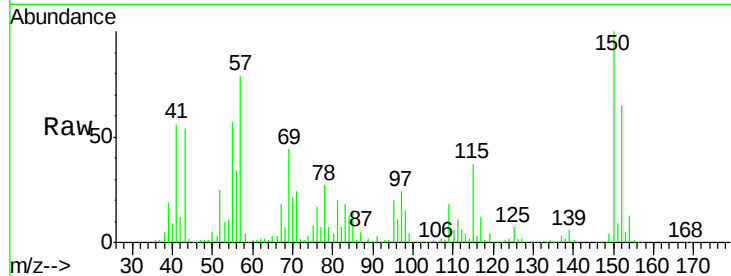
Tot Ion:152 Resp: 110592

Ion Ratio Lower Upper

152 100

115 59.2 41.2 123.6

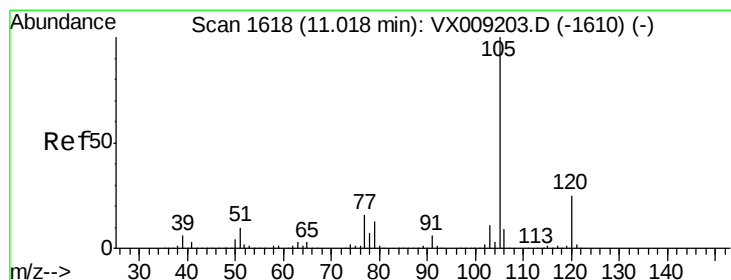
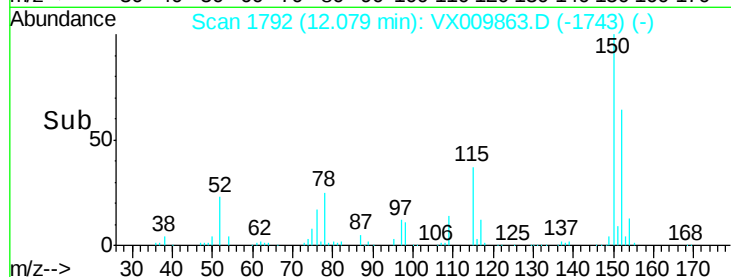
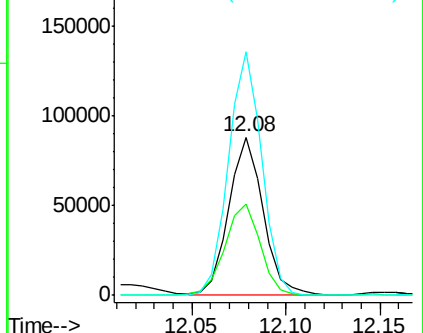
150 150.8 0.0 346.4



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: 23.085 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009863.D

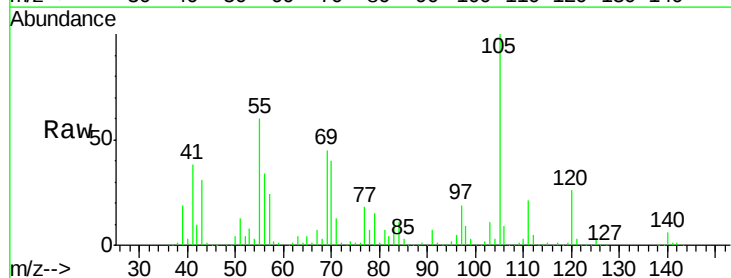
Acq: 23 May 2019 17:04

Tgt Ion:105 Resp: 185650

Ion Ratio Lower Upper

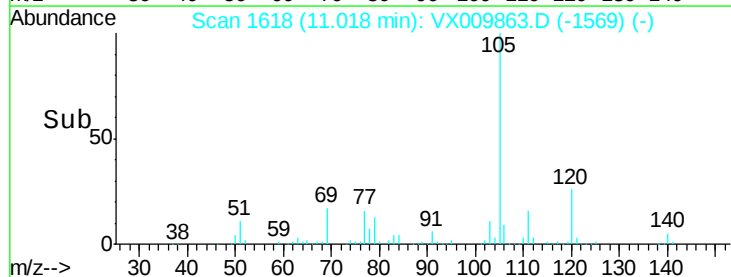
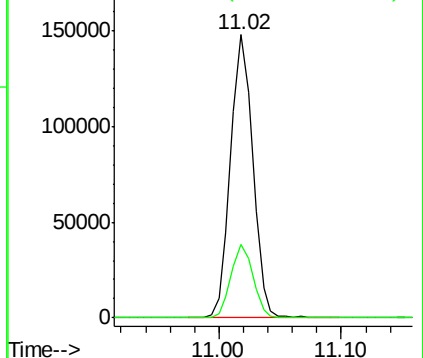
105 100

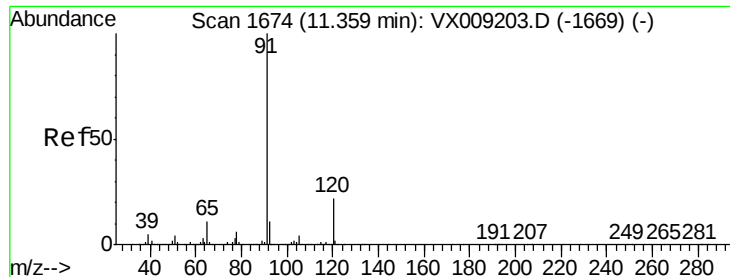
120 25.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 55.382 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

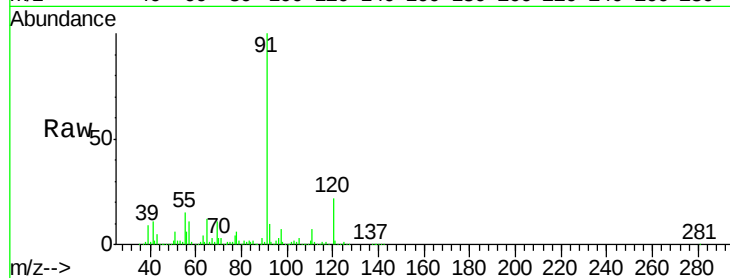
EP1-SB-E2-3R(17-20)

Tot Ion: 91 Resp: 508652

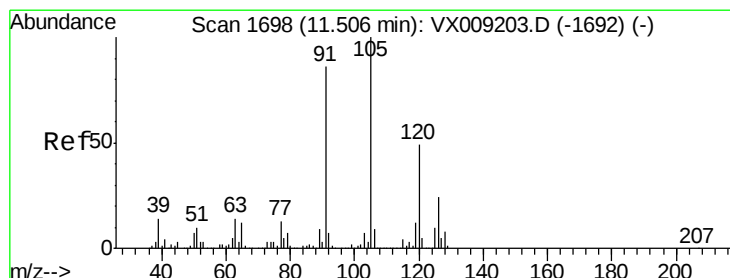
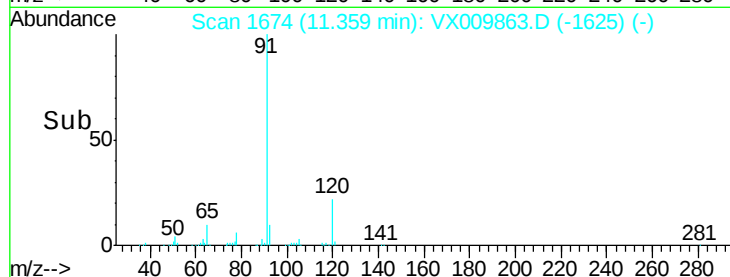
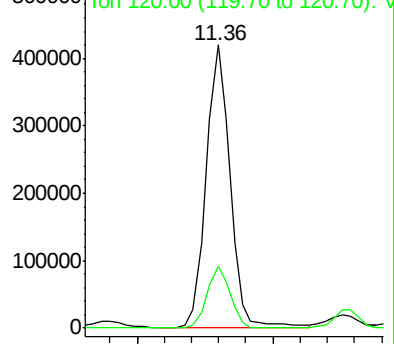
Ion Ratio Lower Upper

91 100

120 21.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX009863.D (-1669) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.116 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009863.D

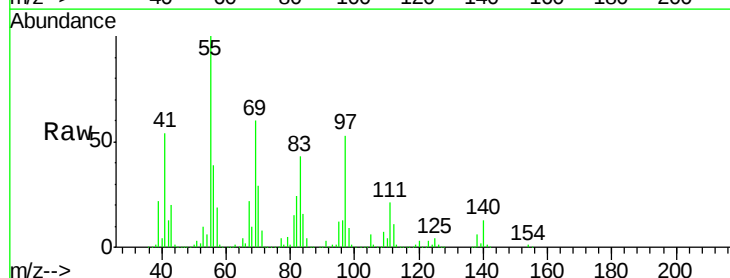
Acq: 23 May 2019 17:04

Tgt Ion: 105 Resp: 14328

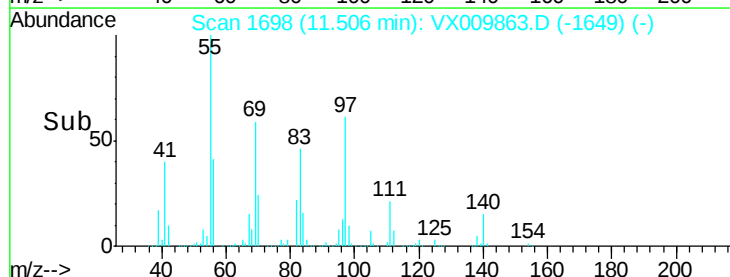
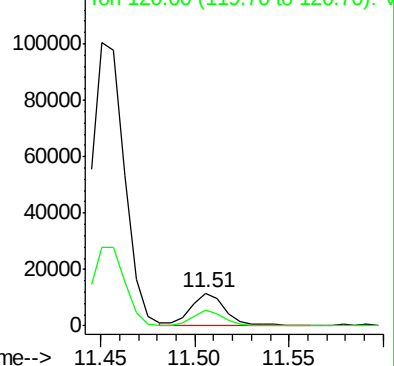
Ion Ratio Lower Upper

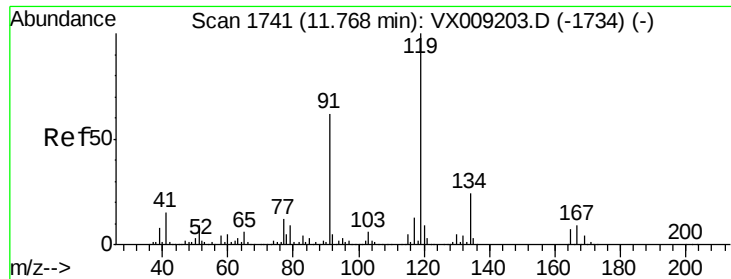
105 100

120 44.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009863.D (-1692) (-)

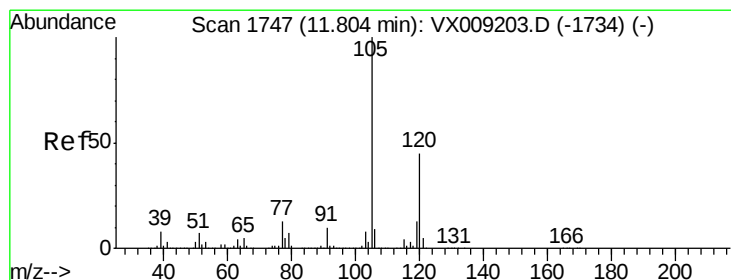
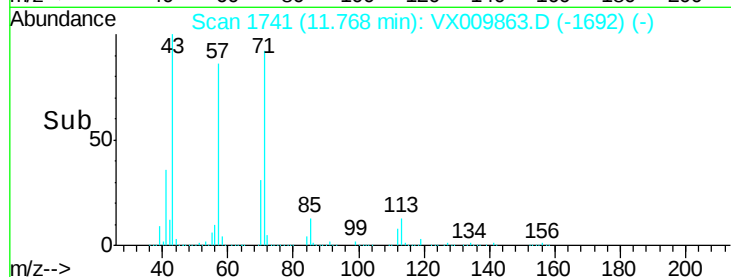
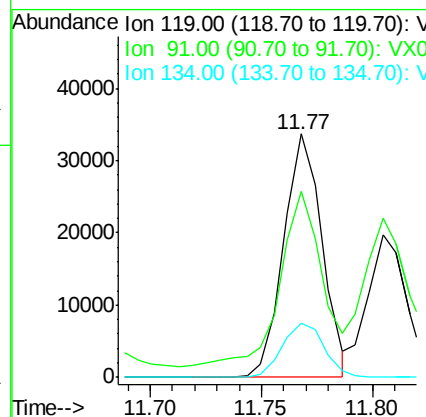
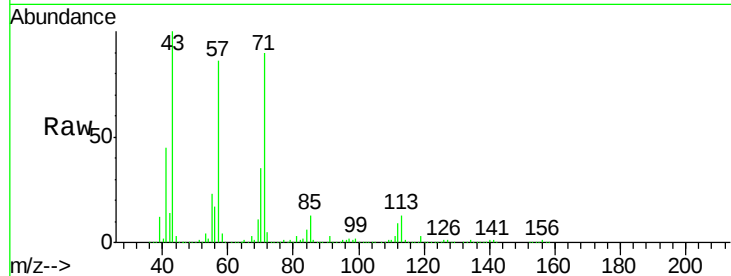




#83
tert-Butylbenzene
Concen: 6.099 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

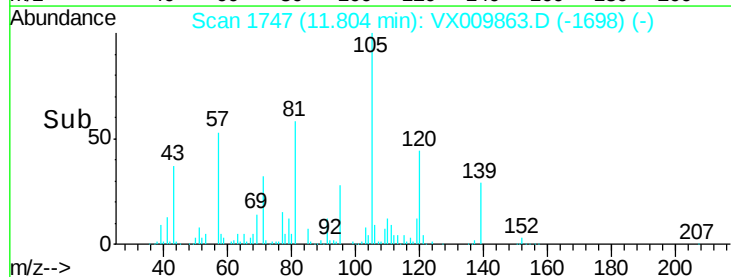
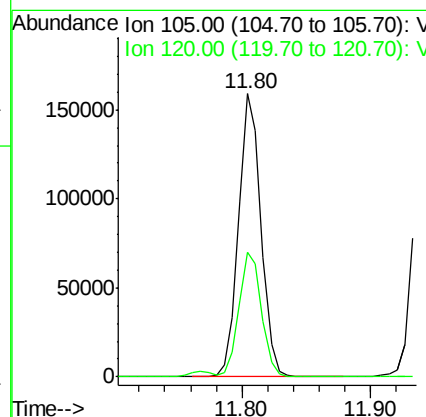
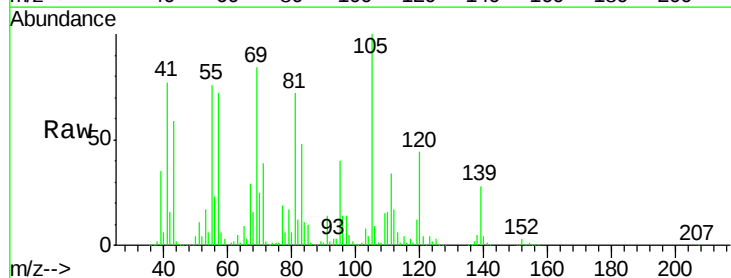
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(17-20)

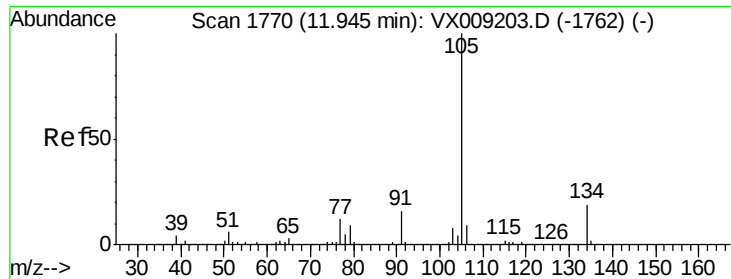
Tot Ion	Ratio	Lower	Upper
119	100		
91	78.8	29.5	88.5
134	24.2	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 28.295 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.0	66.0





#85

sec-Butylbenzene

Concen: 46.770 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

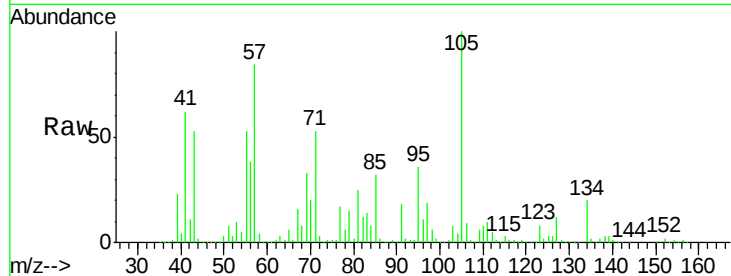
EP1-SB-E2-3R(17-20)

Tot Ion:105 Resp: 365262

Ion Ratio Lower Upper

105 100

134 18.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

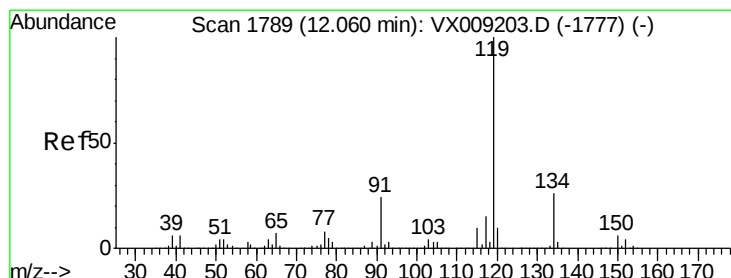
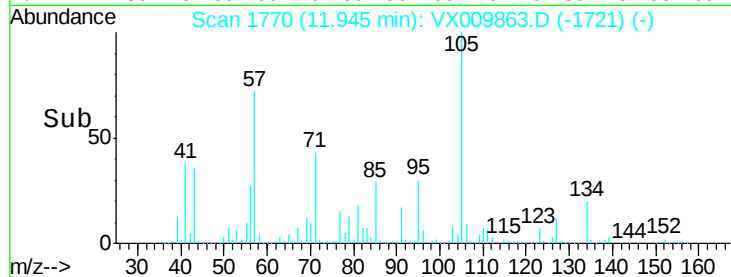
200000

100000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 7.038 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

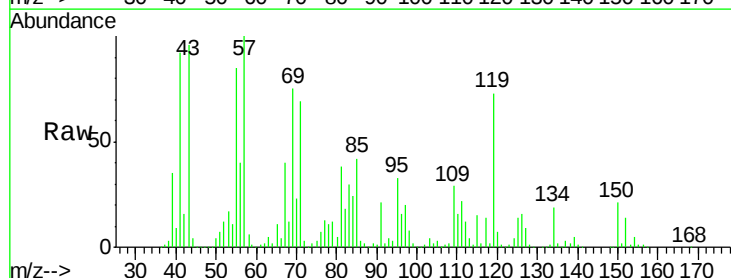
Tgt Ion:119 Resp: 49411

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 24.0 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

50000

40000

30000

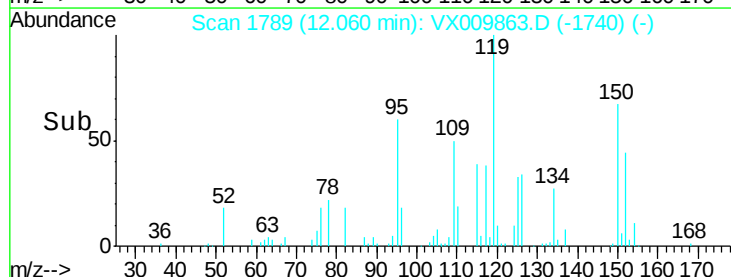
20000

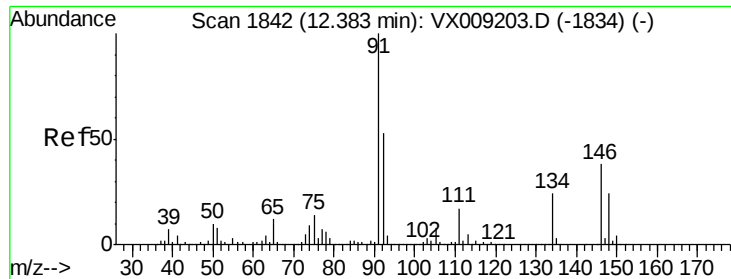
10000

0

12.00 12.05 12.10

Time-->





#89

n-Butylbenzene

Concen: 47.903 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(17-20)

Tot Ion: 91 Resp: 303978

Ion Ratio Lower Upper

91 100

92 47.0 26.5 79.5

134 33.7 12.4 37.2

