

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX111418\
 Data File : VX006003.D
 Acq On : 15 Nov 2018 05:00
 Operator : JC/MD
 Sample : J5860-25ME 20X
 Misc : 5.02g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(17-19)ME

Quant Time: Nov 21 00:24:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	149376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	214104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	191459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	77921	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	5.50	113	67844	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	8.71	98	228856	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.14	95	85146	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

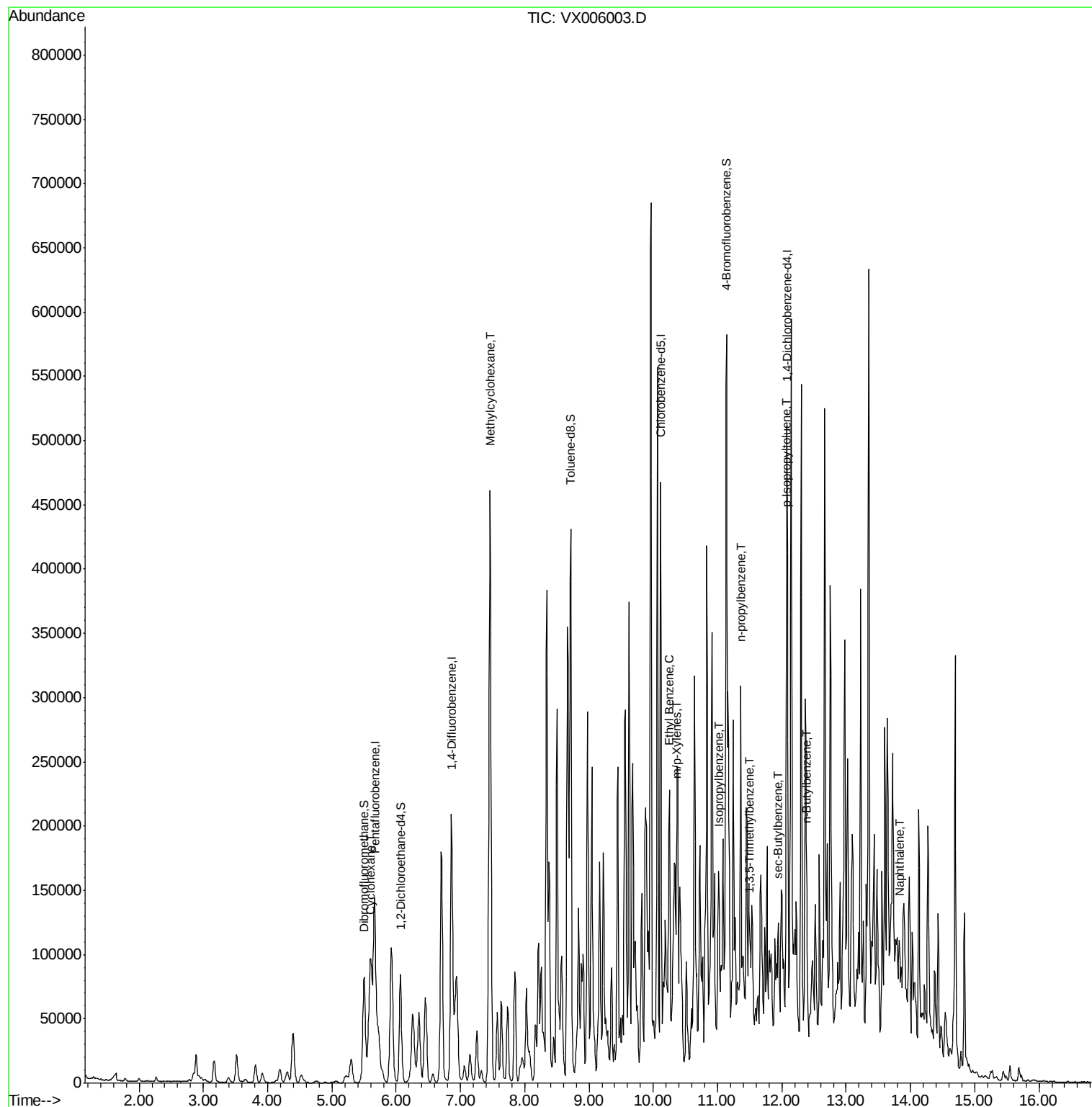
						Qvalue
31) Cyclohexane	5.59	56	46872	19.593	ug/l #	71
39) Methylcyclohexane	7.46	83	203362	97.212	ug/l	97
67) Ethyl Benzene	10.25	91	90393	14.697	ug/l	99
68) m/p-Xylenes	10.36	106	7653	3.262	ug/l	87
73) Isopropylbenzene	11.02	105	44537	8.603	ug/l	99
78) n-propylbenzene	11.36	91	164489	26.960	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	20362	4.628	ug/l	99
85) sec-Butylbenzene	11.94	105	16621	3.054	ug/l #	56
86) p-Isopropyltoluene	12.07	119	12309	2.553	ug/l	94
89) n-Butylbenzene	12.39	91	54461	12.189	ug/l #	74
95) Naphthalene	13.83	128	24748	4.929	ug/l #	90

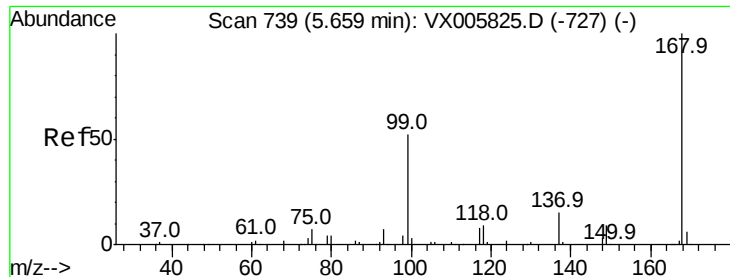
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP2-SB-111(17-19)ME

Quant Time: Nov 21 00:24:54 2018
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

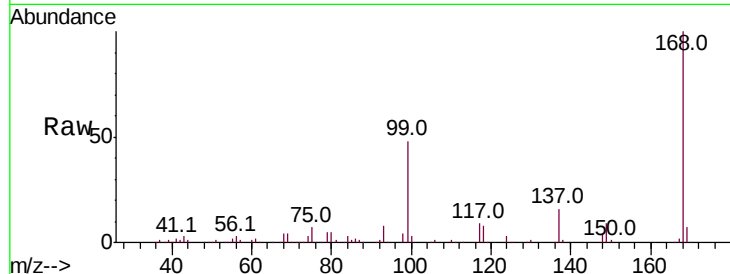
EP2-SB-111(17-19)ME

Tot Ion:168 Resp: 149376

Ion Ratio Lower Upper

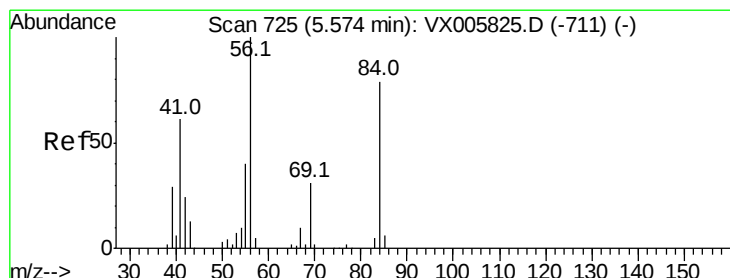
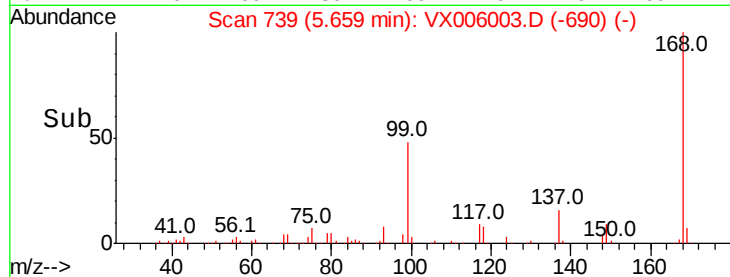
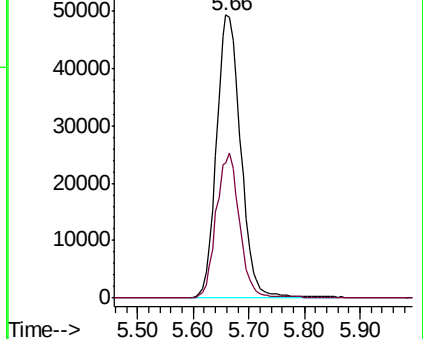
168 100

99 47.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 19.593 ug/l

RT: 5.59 min Scan# 728

Delta R.T. 0.02 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

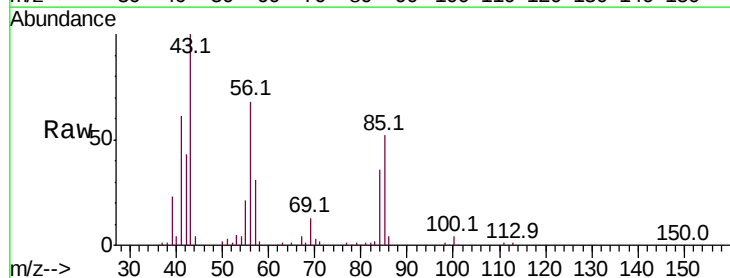
Tgt Ion: 56 Resp: 46872

Ion Ratio Lower Upper

56 100

69 13.9 22.6 34.0#

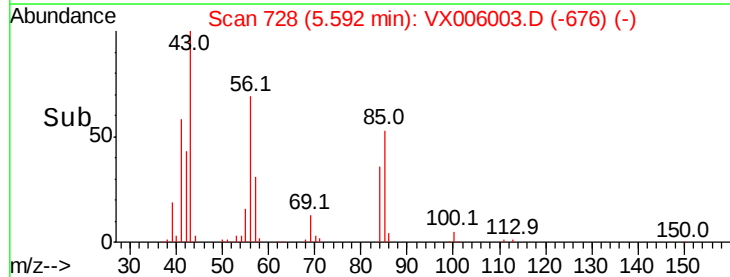
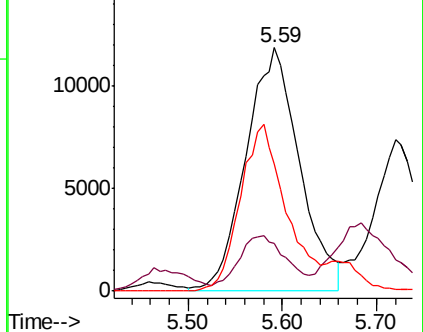
84 52.8 62.7 94.1#

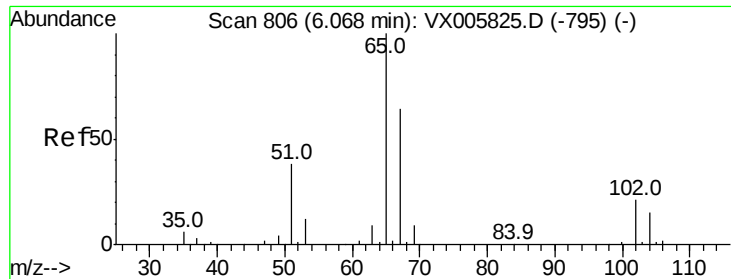


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.375 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

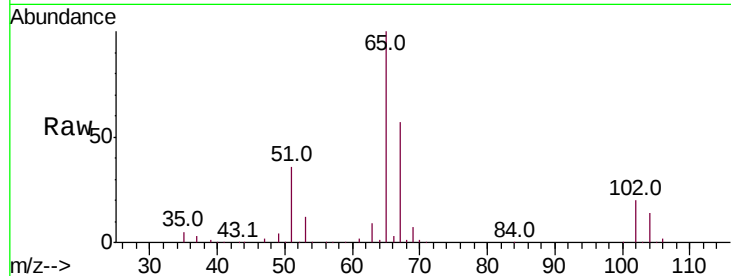
EP2-SB-111(17-19)ME

Tot Ion: 65 Resp: 77921

Ion Ratio Lower Upper

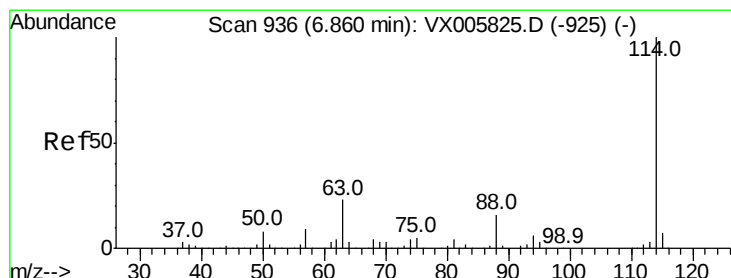
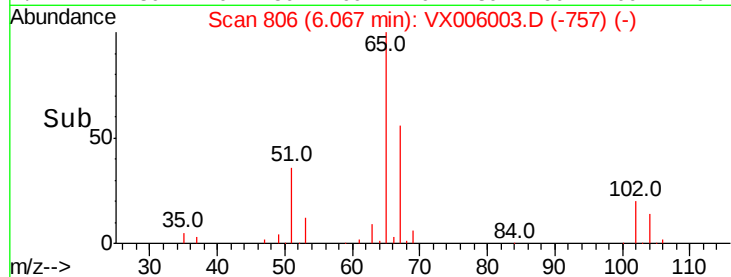
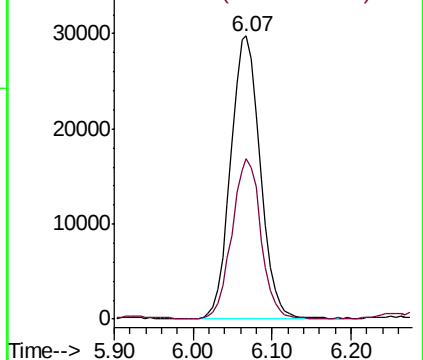
65 100

67 55.4 0.0 105.0



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: VX006003.D

Acq: 15 Nov 2018 05:00

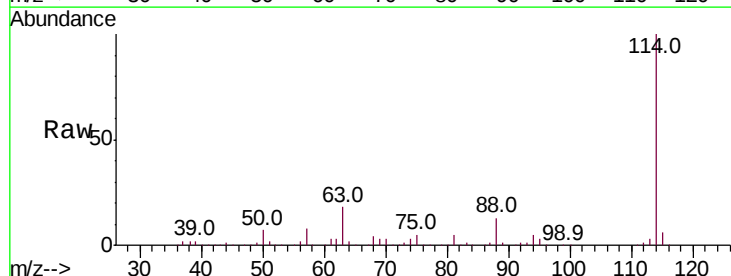
Tgt Ion:114 Resp: 214104

Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.8

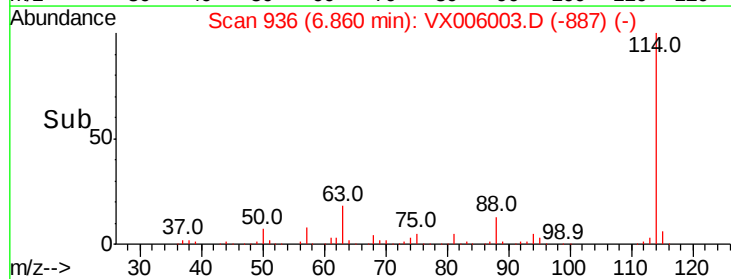
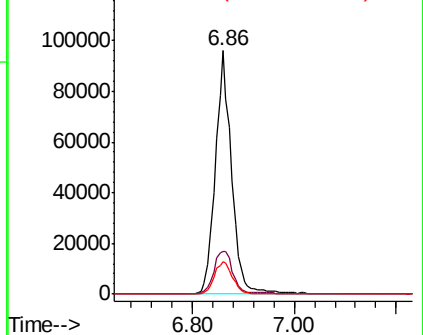
88 13.5 0.0 31.2

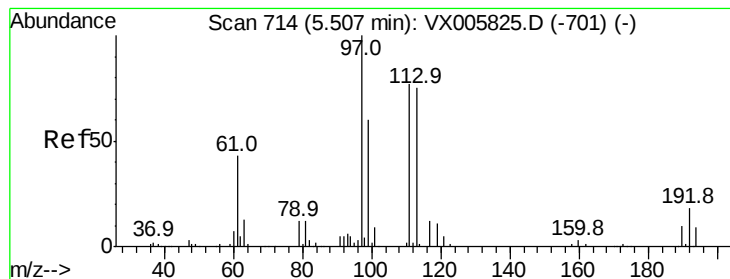


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.589 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

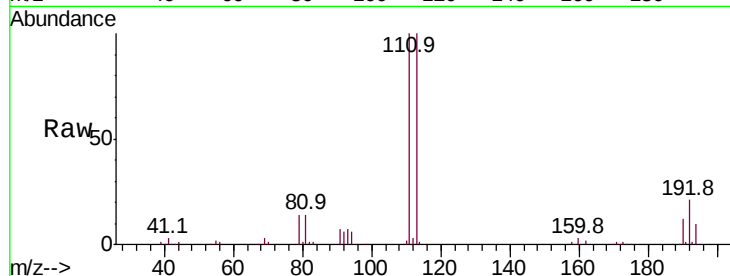
Tot Ion:113 Resp: 67844

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

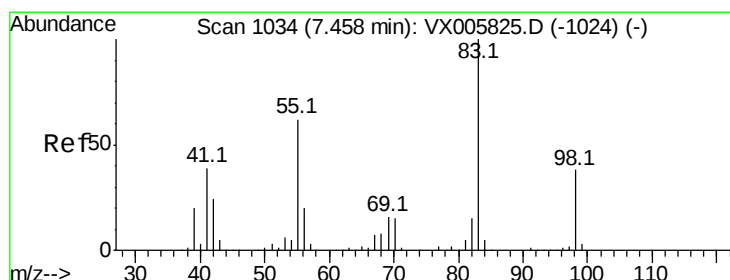
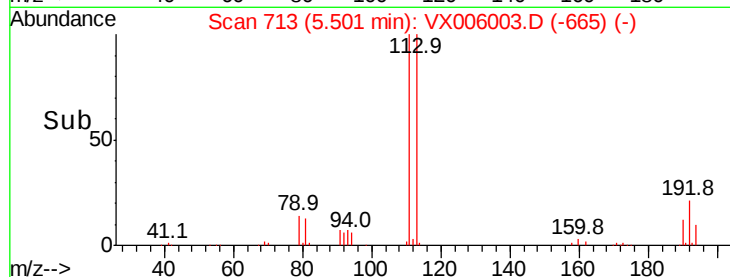
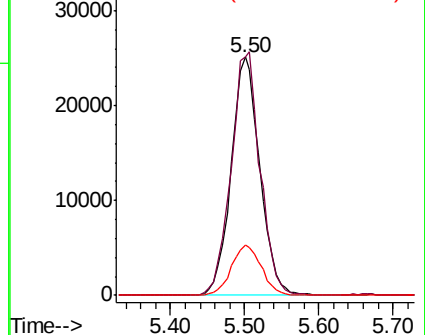
192 22.0 17.9 26.9



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



#39

Methylcyclohexane

Concen: 97.212 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

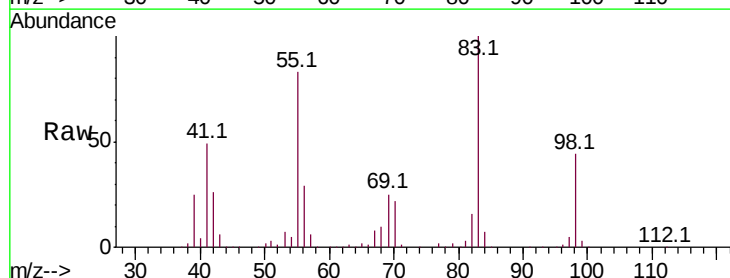
Tgt Ion: 83 Resp: 203362

Ion Ratio Lower Upper

83 100

55 82.6 63.7 95.5

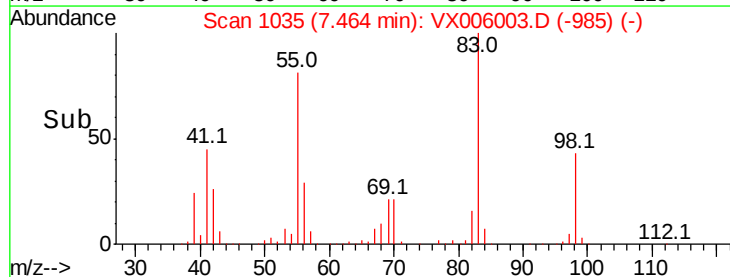
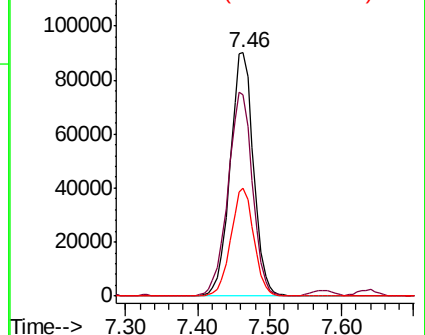
98 44.4 36.2 54.2

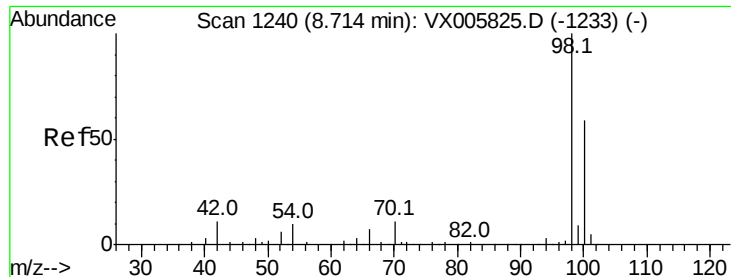


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 47.271 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

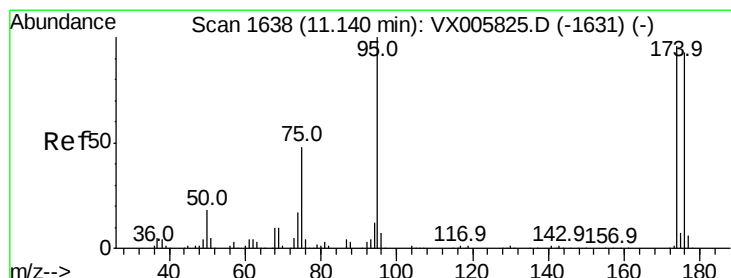
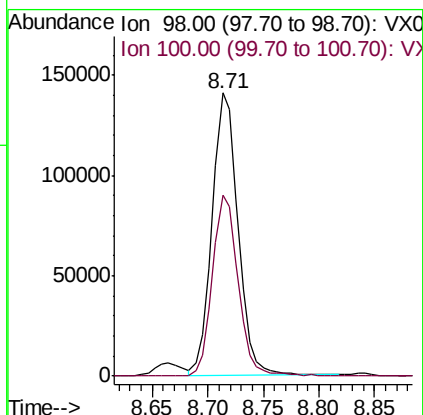
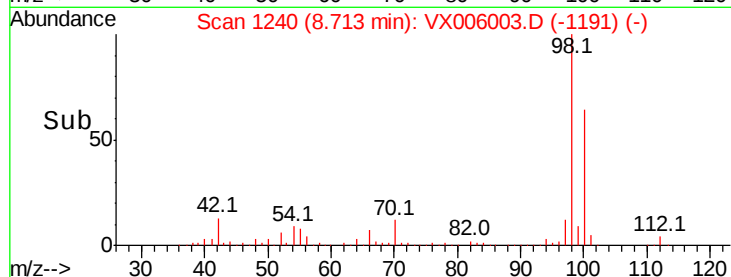
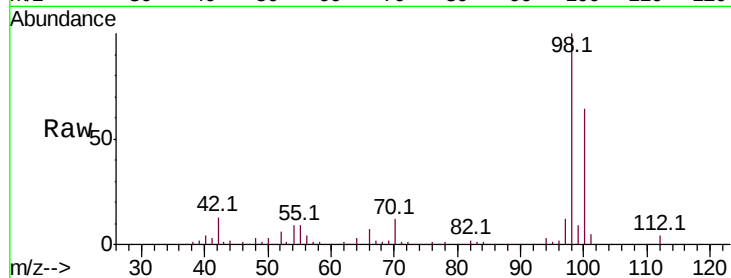
EP2-SB-111(17-19)ME

Tot Ion: 98 Resp: 228856

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 48.916 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

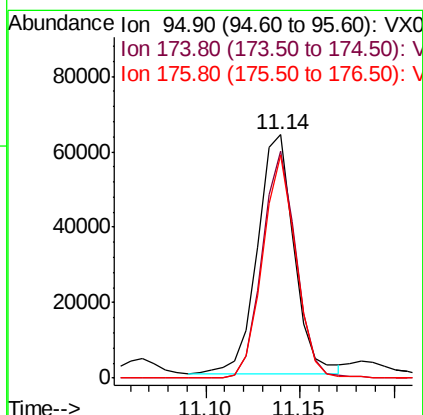
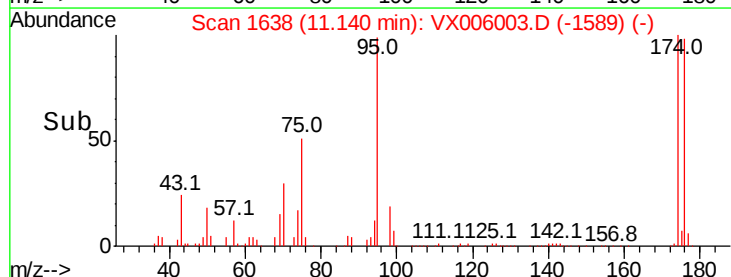
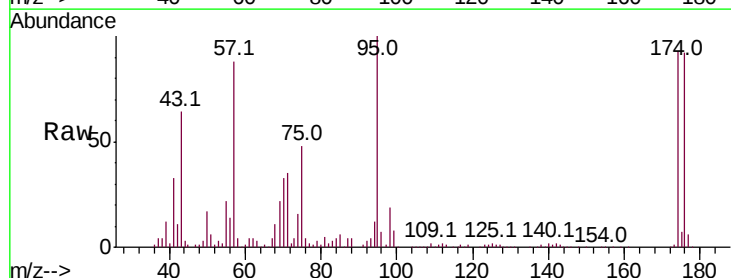
Tgt Ion: 95 Resp: 85146

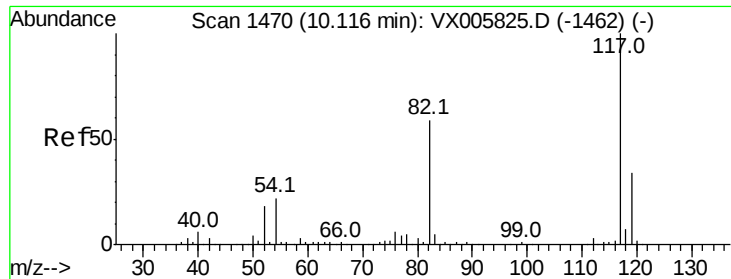
Ion Ratio Lower Upper

95 100

174 88.7 0.0 184.4

176 85.6 0.0 177.4

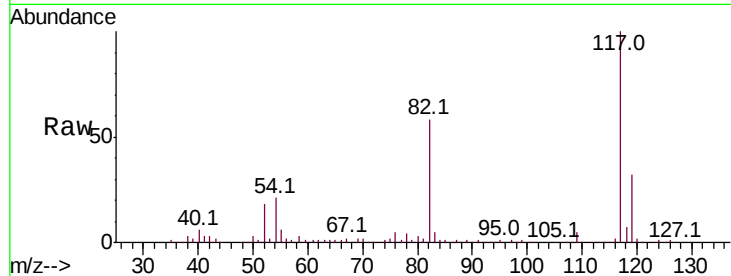




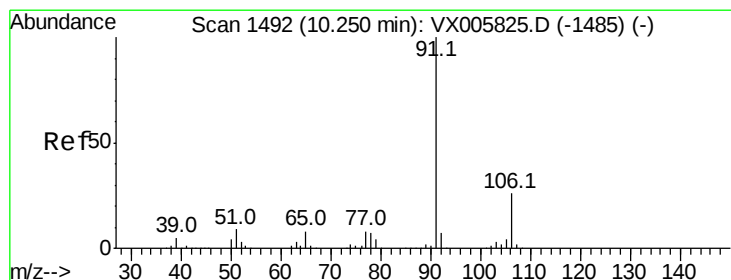
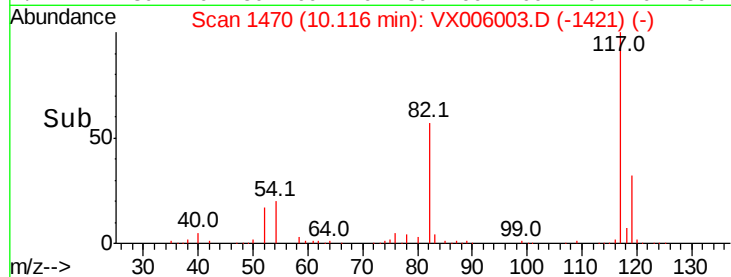
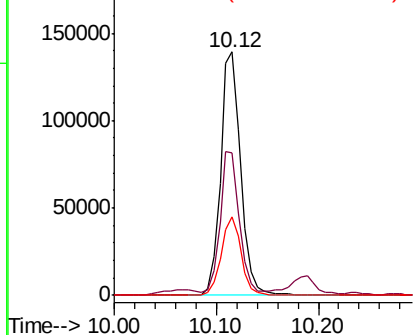
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

Tot Ion:117 Resp: 191459
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 32.5 26.2 39.2

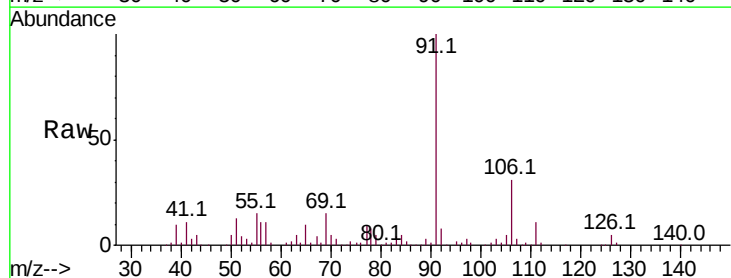


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

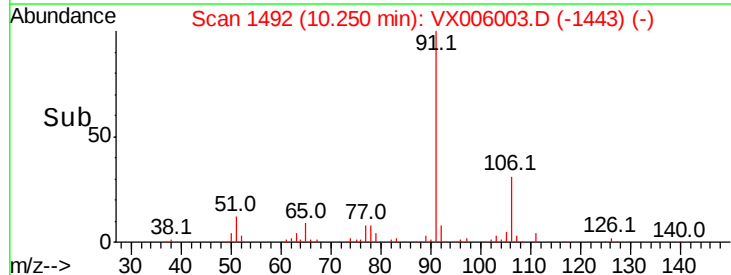
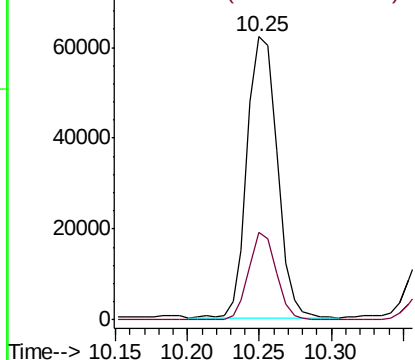


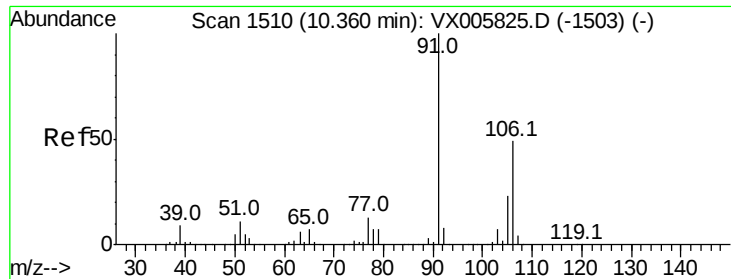
#67
Ethyl Benzene
Concen: 14.697 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion: 91 Resp: 90393
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6



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

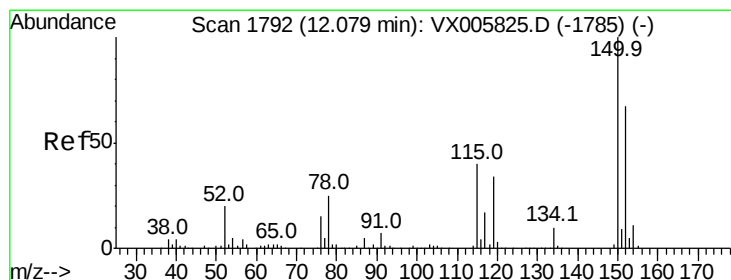
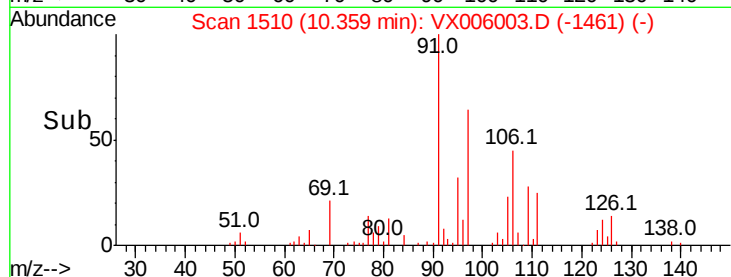
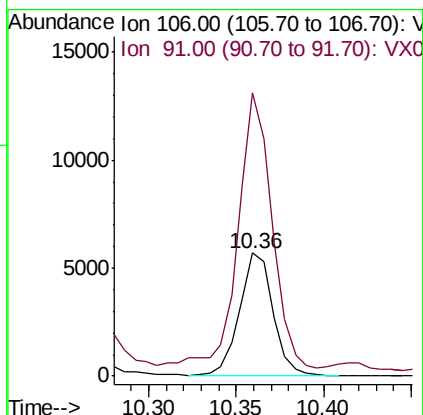
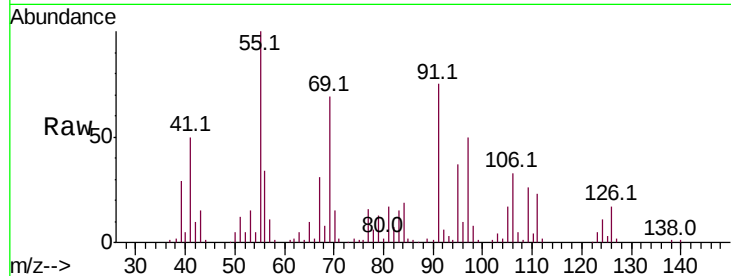




#68
m/p-Xvlenes
Concen: 3.262 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

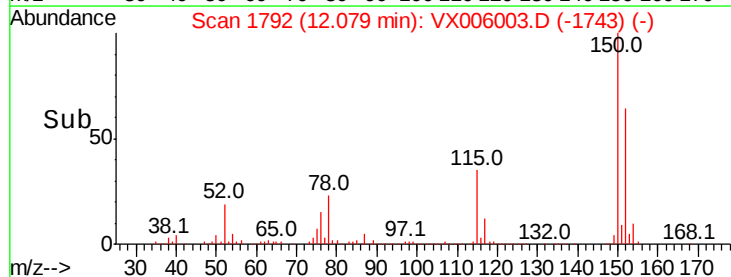
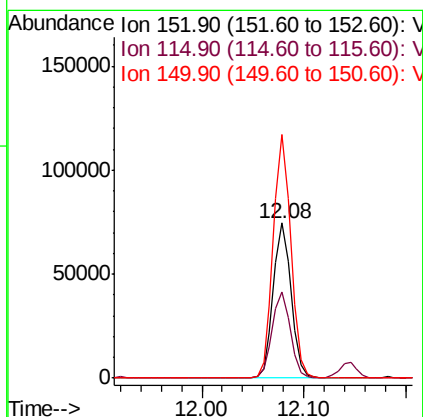
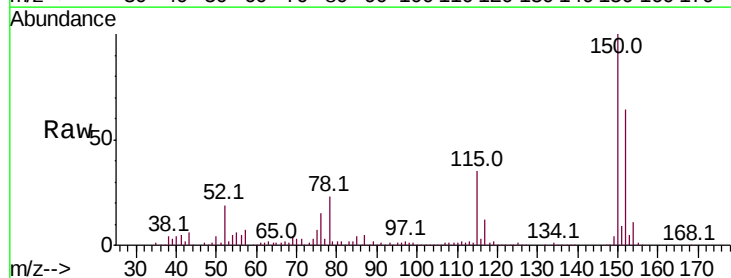
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

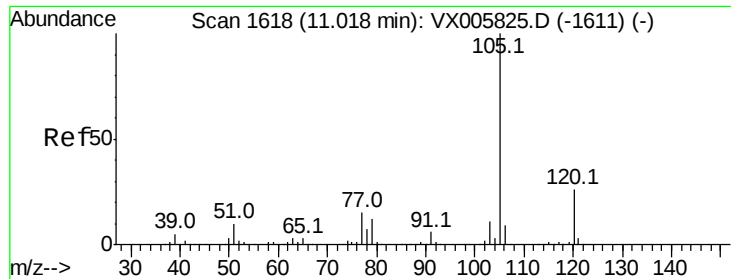
Tot Ion:106 Resp: 7653
Ion Ratio Lower Upper
106 100
91 225.5 164.2 246.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion:152 Resp: 89521
Ion Ratio Lower Upper
152 100
115 56.4 39.4 118.1
150 155.4 0.0 346.4





#73

Isopropylbenzene

Concen: 8.603 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

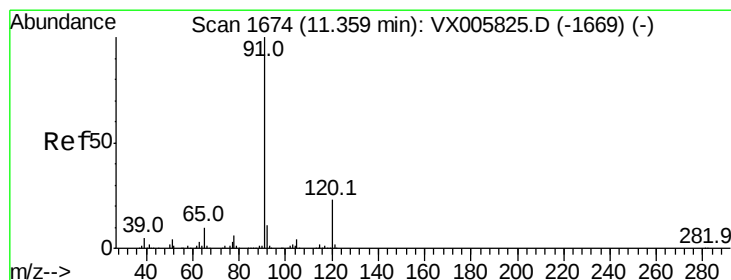
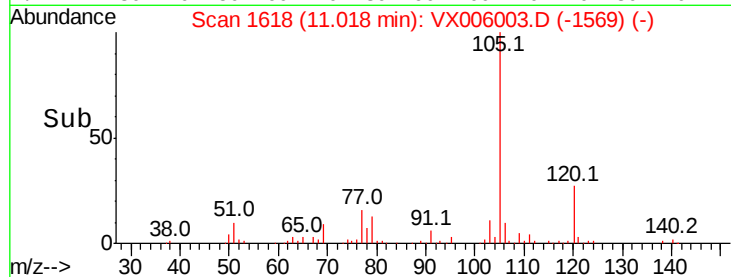
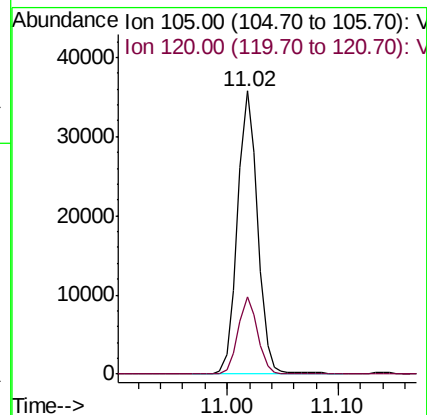
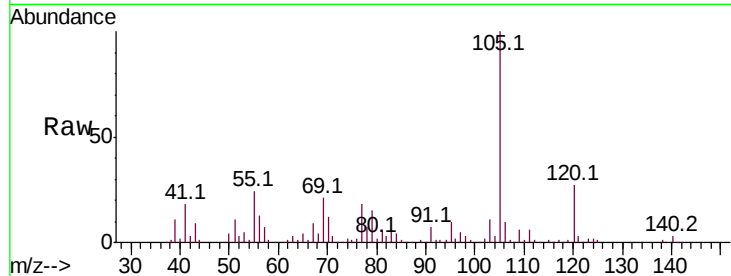
EP2-SB-111(17-19)ME

Tot Ion:105 Resp: 44537

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#78

n-propylbenzene

Concen: 26.960 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006003.D

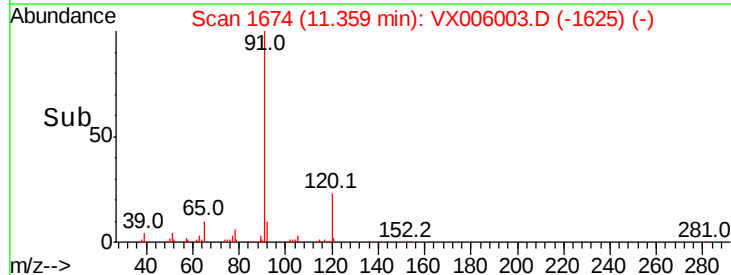
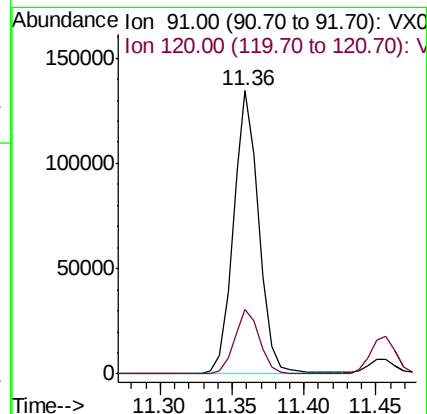
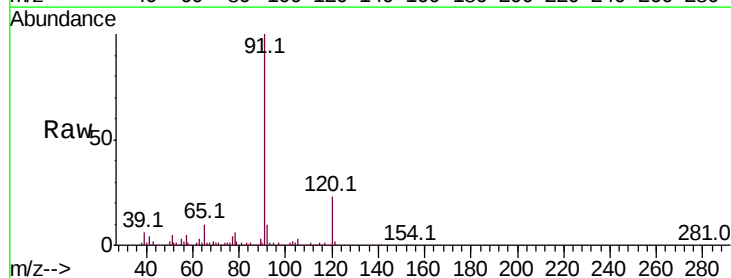
Acq: 15 Nov 2018 05:00

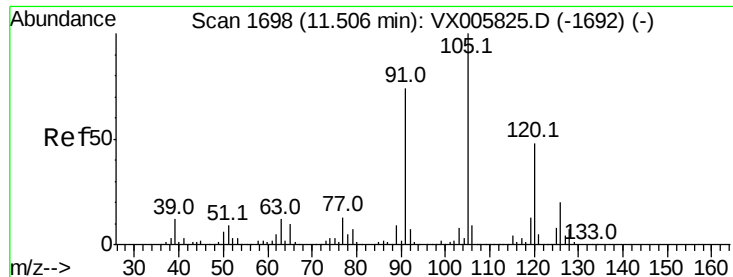
Tgt Ion: 91 Resp: 164489

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.5

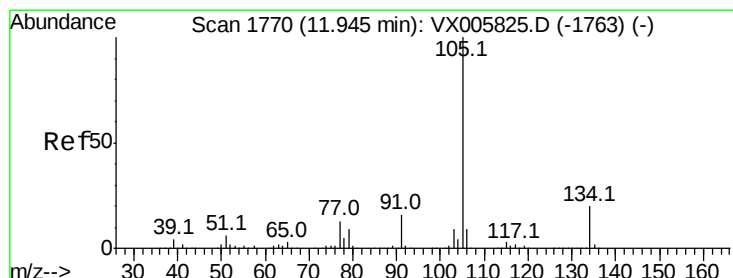
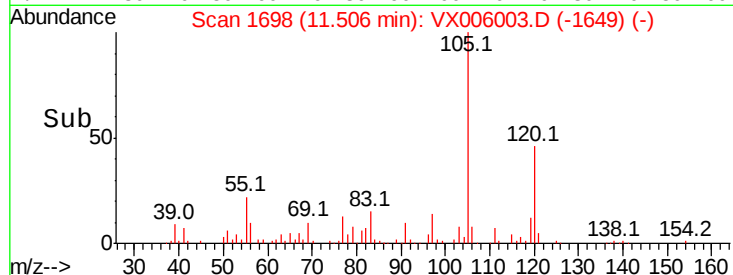
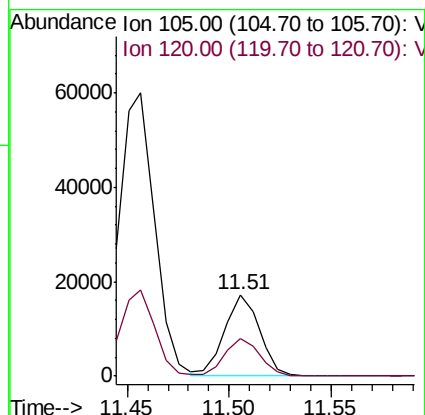
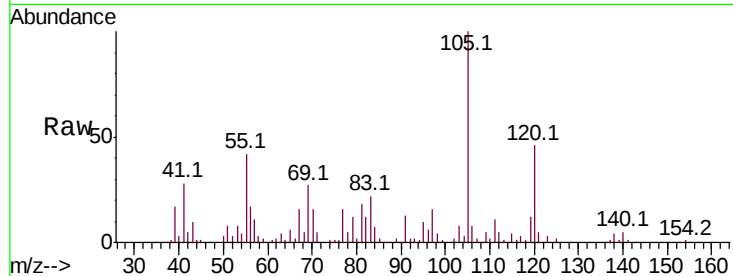




#80
 1,3,5-Trimethylbenzene
 Concen: 4.628 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

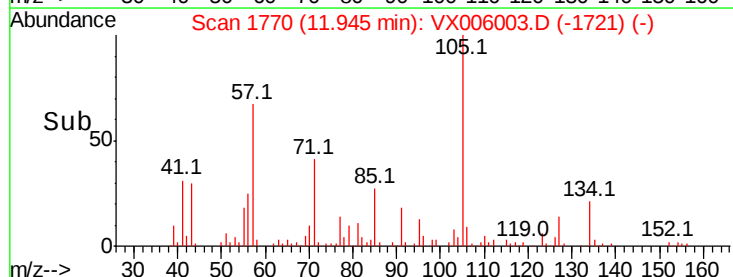
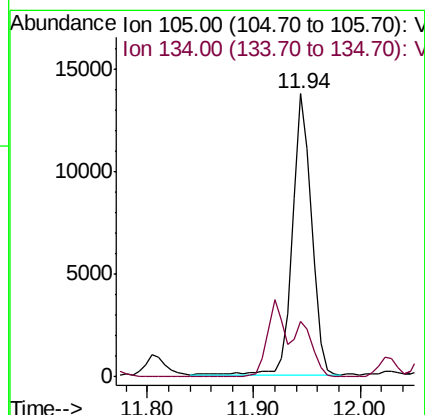
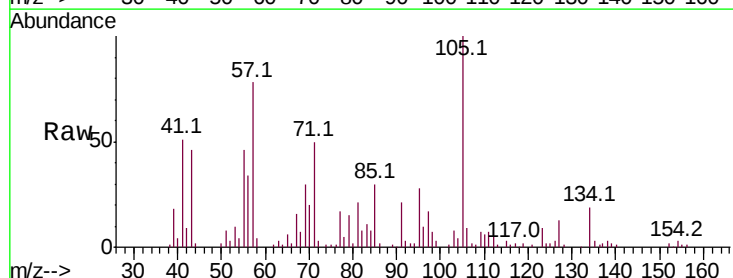
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(17-19)ME

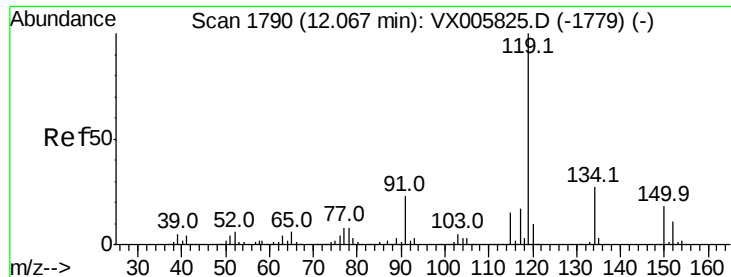
Tot Ion:105 Resp: 20362
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.2



#85
 sec-Butylbenzene
 Concen: 3.054 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

Tgt Ion:105 Resp: 16621
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#

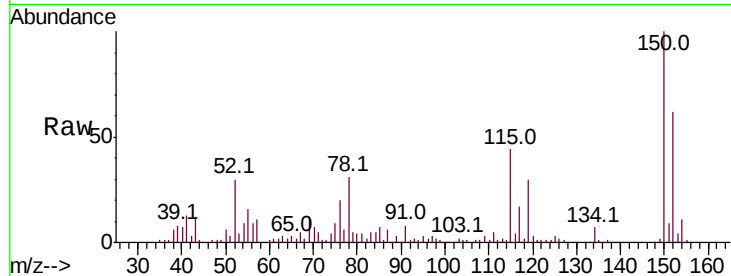




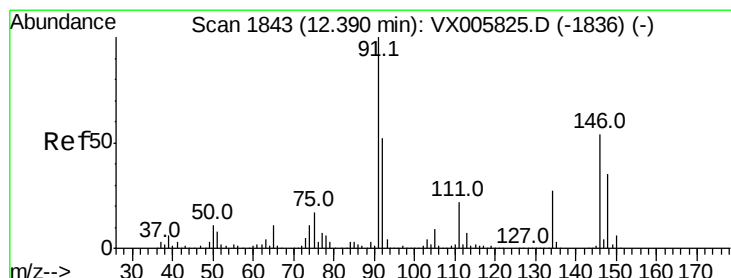
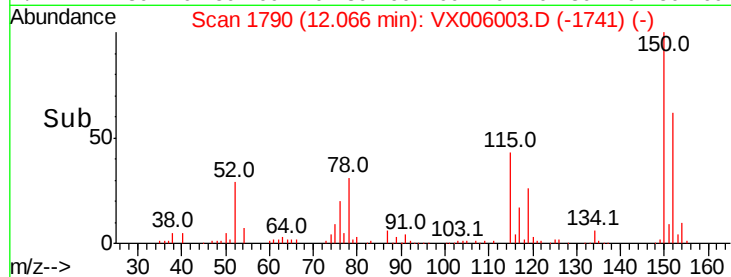
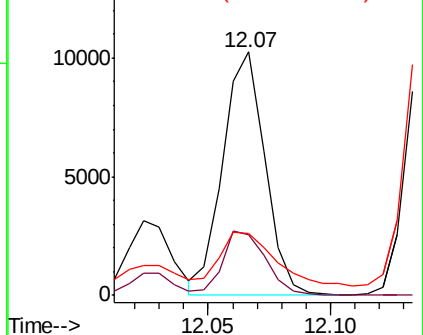
#86
p-Isopropyltoluene
Concen: 2.553 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.0	39.0
91	28.0	11.4	34.2

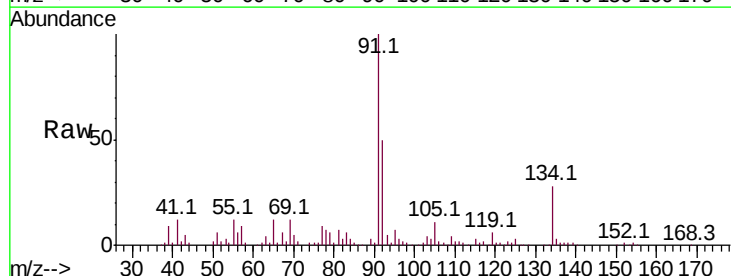


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

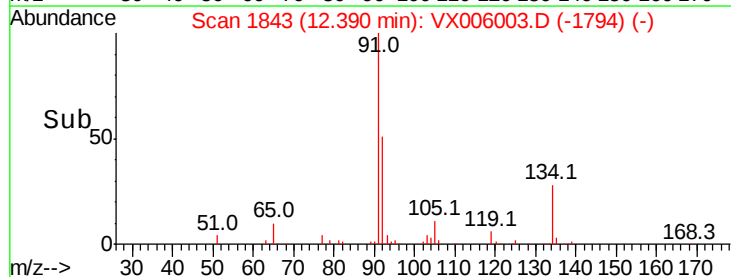
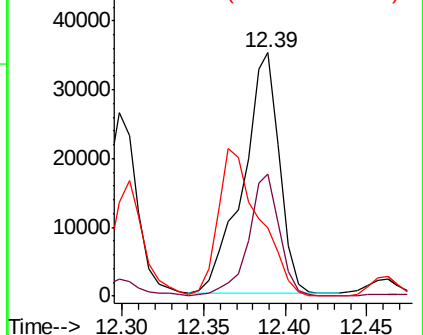


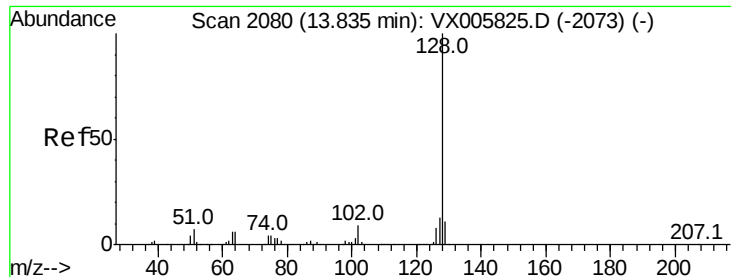
#89
n-Butylbenzene
Concen: 12.189 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.7	26.1	78.2
134	0.0	13.1	39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 4.929 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

Tot Ion:128 Resp: 24748
Ion Ratio Lower Upper
128 100
127 16.0 10.4 15.6#
129 5.8 8.7 13.1#

