

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004504.D
 Acq On : 12 Sep 2018 19:30
 Operator : JC/MD
 Sample : J4724-18DL 100X
 Misc : 3.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

Quant Time: Sep 13 03:25:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	147975	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
35) Dibromofluoromethane	5.51	113	130283	41.38	ug/l	0.00
Spiked Amount			Recovery	=	82.76%	
50) Toluene-d8	8.72	98	492799	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
62) 4-Bromofluorobenzene	11.14	95	195432	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	

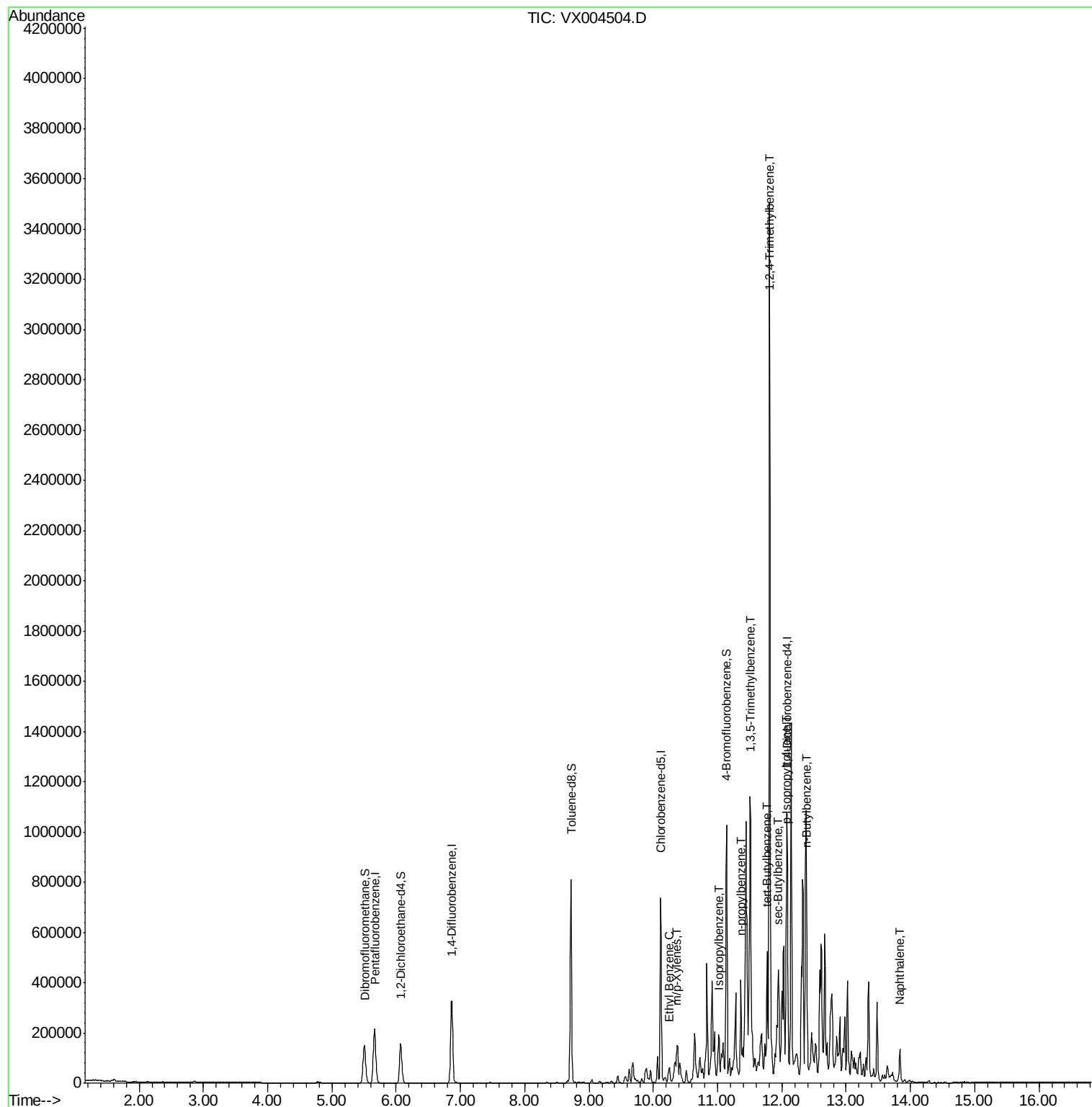
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.26	91	23016	1.66	ug/l	99
68) m/p-Xylenes	10.36	106	12090	2.26	ug/l	94
73) Isopropylbenzene	11.02	105	79072	6.06	ug/l	100
78) n-propylbenzene	11.36	91	231382	15.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	445558	40.60	ug/l	97
83) tert-Butylbenzene	11.77	119	19055	1.82	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	1449238	129.34	ug/l	100
85) sec-Butylbenzene	11.95	105	139397	10.47	ug/l	79
86) p-Isopropyltoluene	12.07	119	110124	9.37	ug/l	99
89) n-Butylbenzene	12.39	91	188257	17.57	ug/l #	46
95) Naphthalene	13.83	128	82081	6.07	ug/l	97

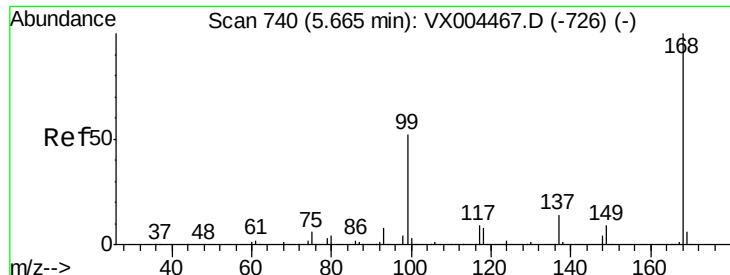
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091218\
Data File : VX004504.D
Acq On : 12 Sep 2018 19:30
Operator : JC/MD
Sample : J4724-18DL 100X
Misc : 3.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

Quant Time: Sep 13 03:25:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

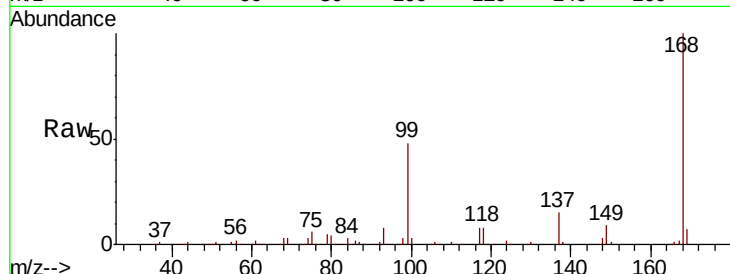
EP1-SUT-4USTS-SBDL

Tot Ion:168 Resp: 218288

Ion Ratio Lower Upper

168 100

99 47.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX004467.D (-726) (-)

5.67

80000

60000

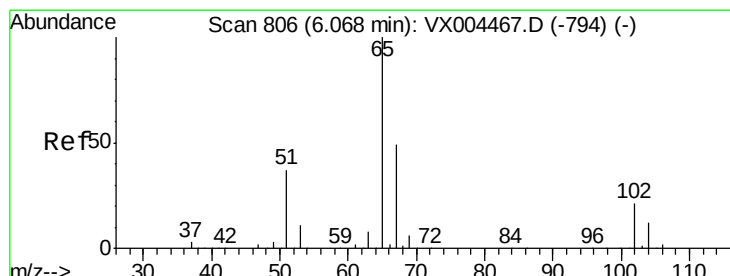
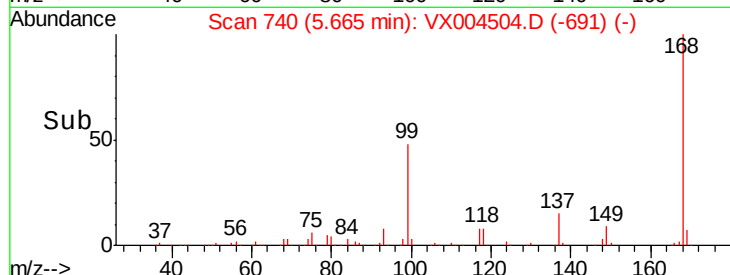
40000

20000

0

5.60 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.57 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004504.D

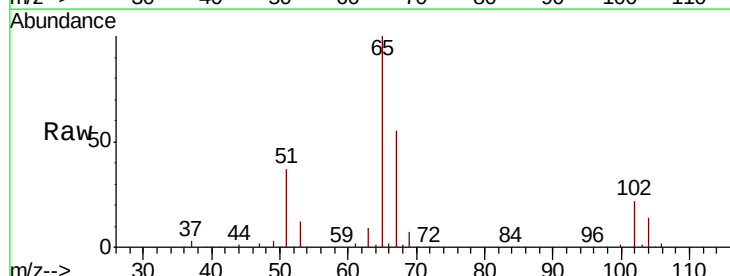
Acq: 12 Sep 2018 19:30

Tgt Ion: 65 Resp: 147975

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX004467.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX004467.D (-794) (-)

6.07

60000

50000

40000

30000

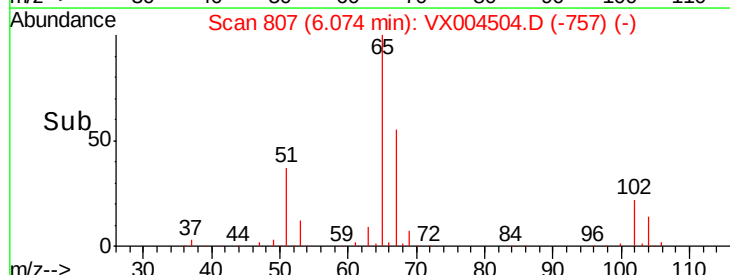
20000

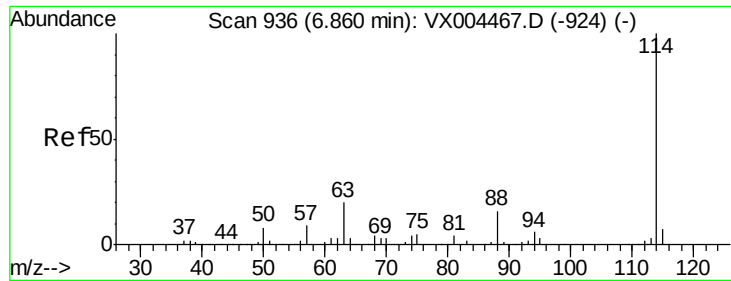
10000

0

6.00 6.10 6.20

Time-->

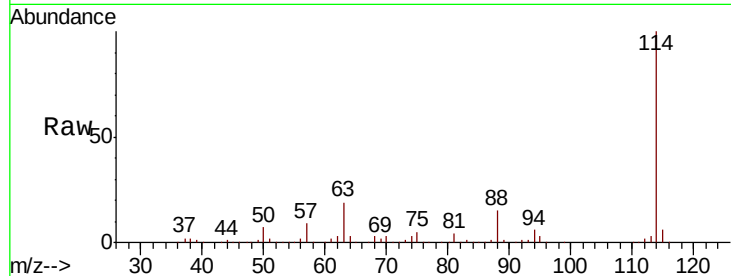




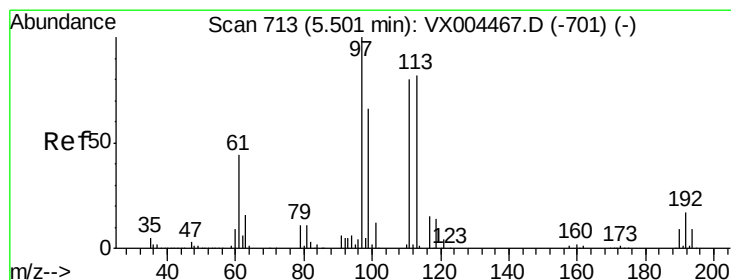
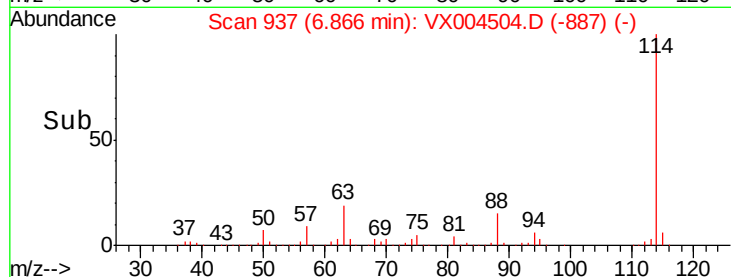
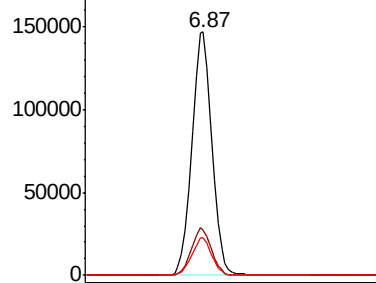
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

Tot Ion:114 Resp: 344087
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.2 0.0 30.4

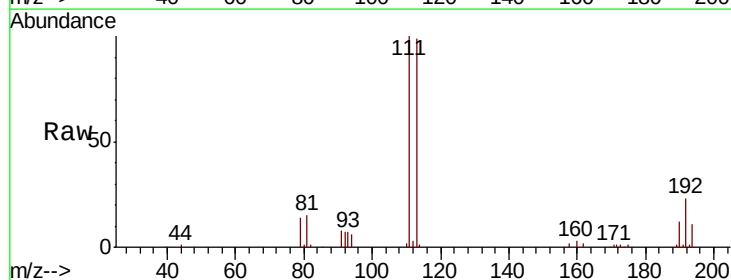


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

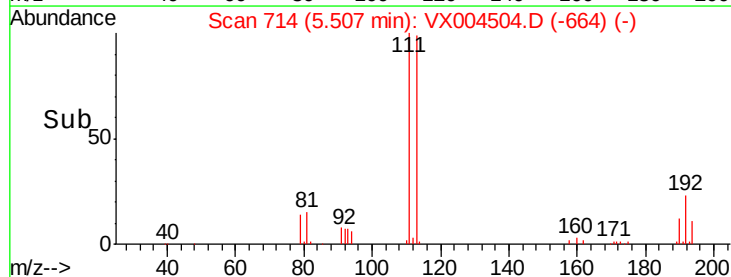
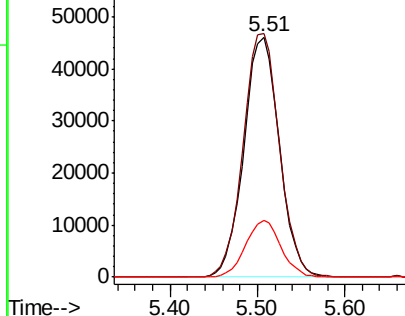


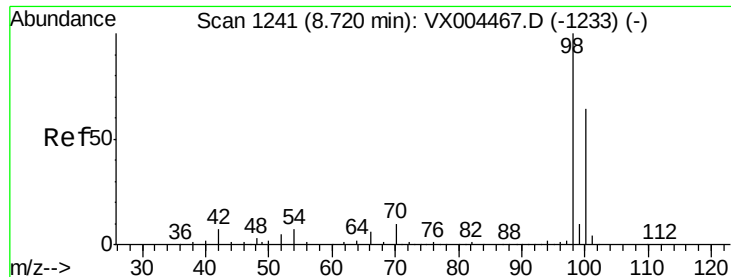
#35
 Dibromofluoromethane
 Concen: 41.38 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Tgt Ion:113 Resp: 130283
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 23.4 19.4 29.2



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

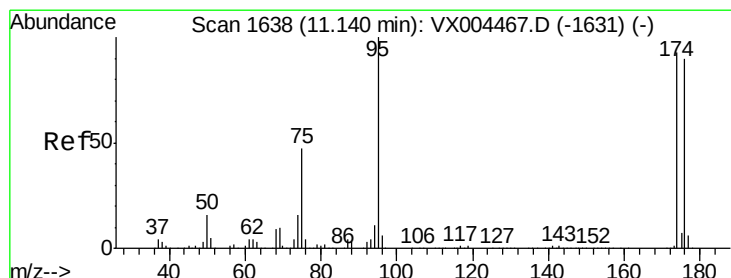
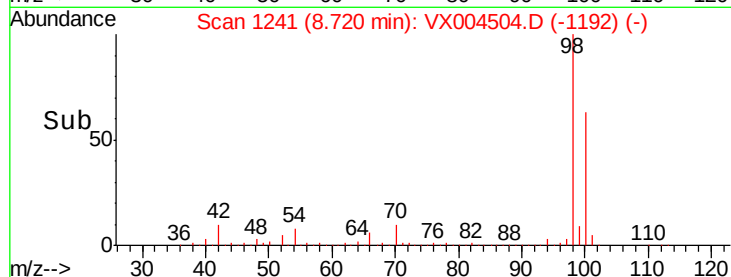
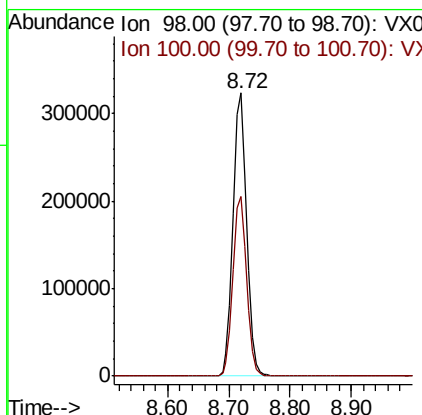
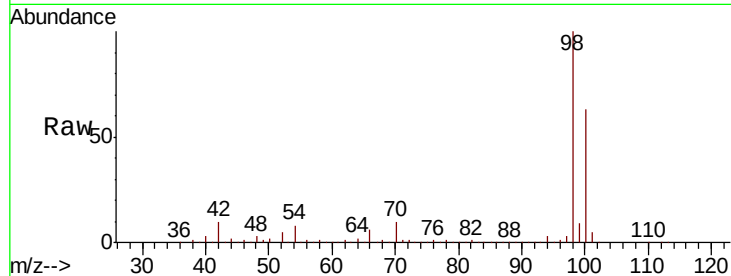




#50
Toluene-d8
Concen: 46.67 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

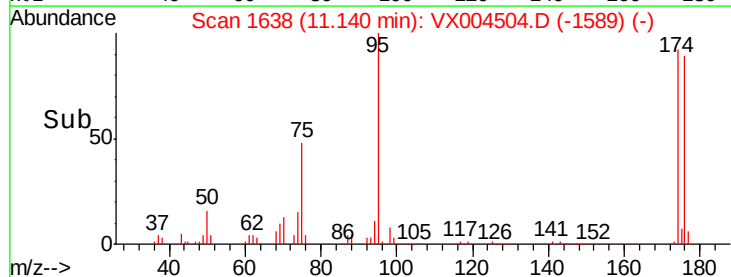
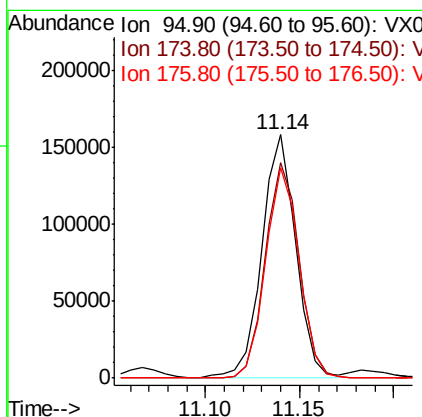
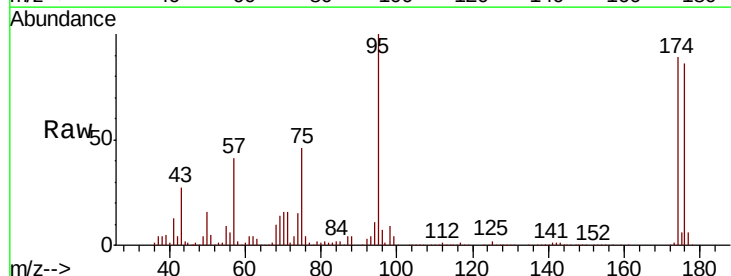
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

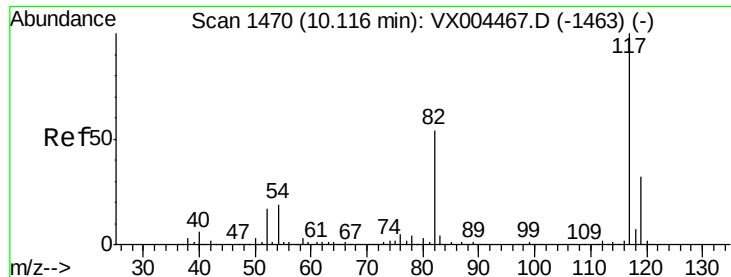
Tot Ion: 98 Resp: 492799
Ion Ratio Lower Upper
98 100
100 63.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.85 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Tgt Ion: 95 Resp: 195432
Ion Ratio Lower Upper
95 100
174 89.7 0.0 185.2
176 86.9 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

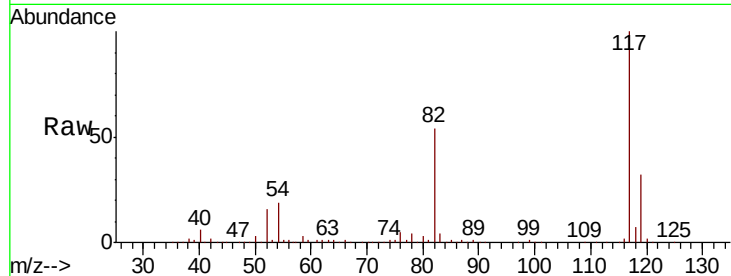
Tot Ion:117 Resp: 343827

Ion Ratio Lower Upper

117 100

82 54.2 47.8 71.6

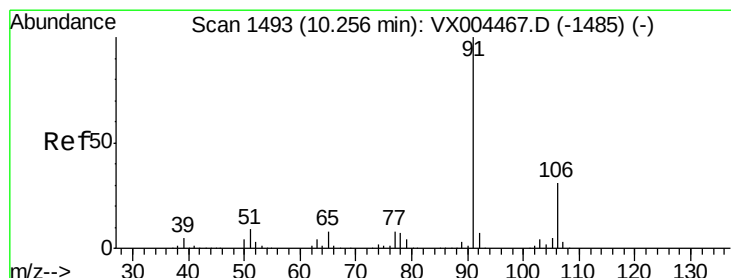
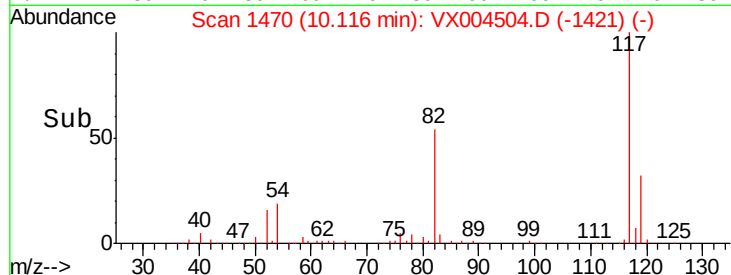
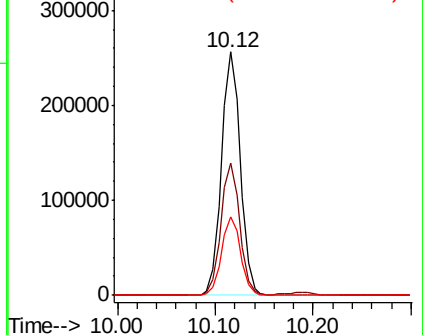
119 32.4 29.3 43.9



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: 1.66 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004504.D

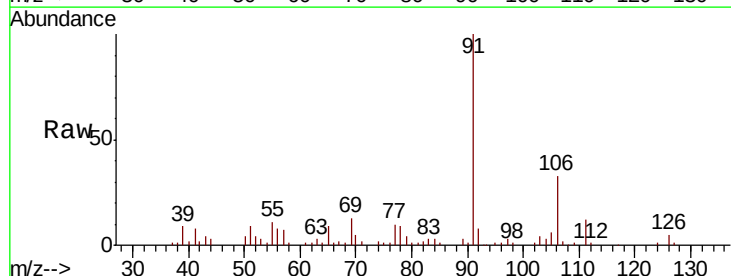
Acq: 12 Sep 2018 19:30

Tgt Ion: 91 Resp: 23016

Ion Ratio Lower Upper

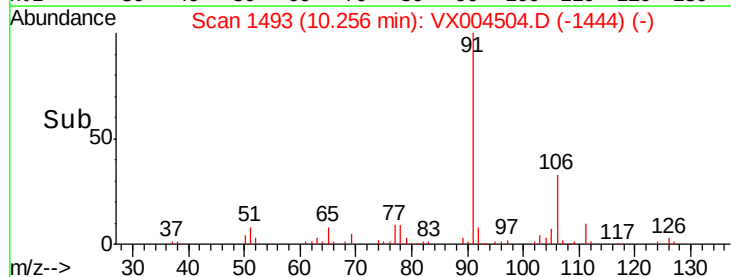
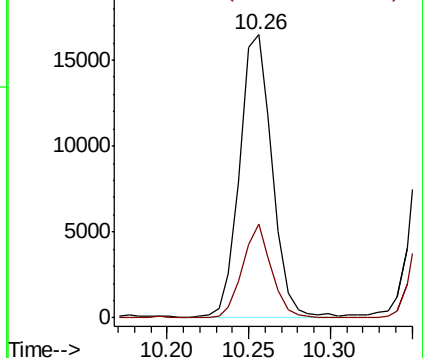
91 100

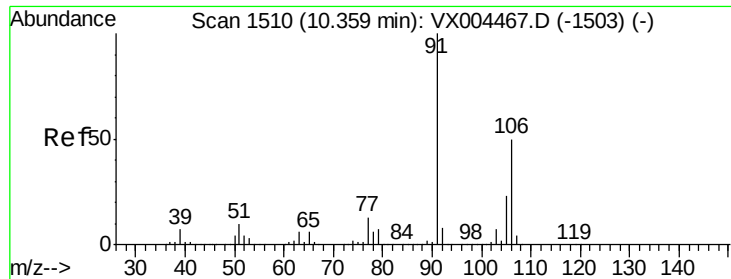
106 33.0 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 2.26 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

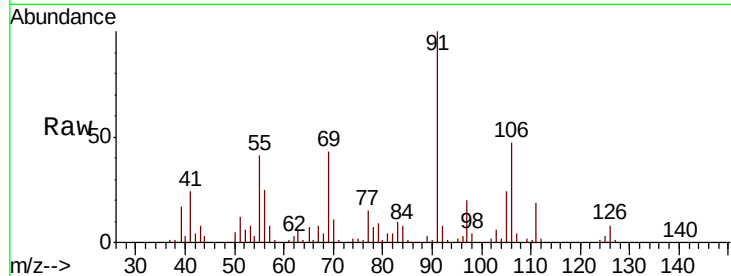
EP1-SUT-4USTS-SBDL

Tot Ion:106 Resp: 12090

Ion Ratio Lower Upper

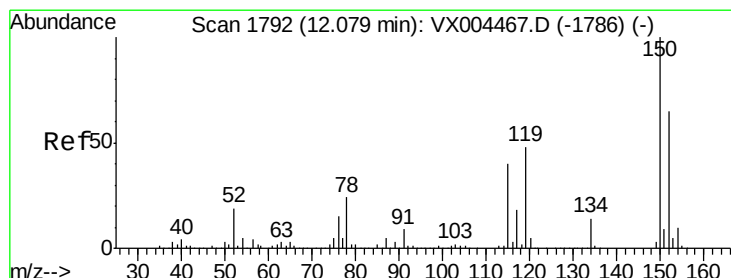
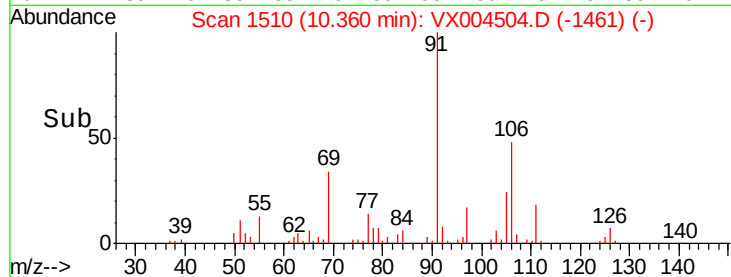
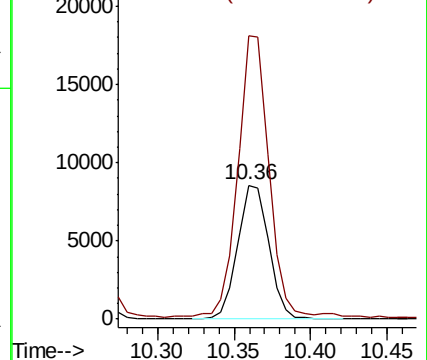
106 100

91 205.7 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

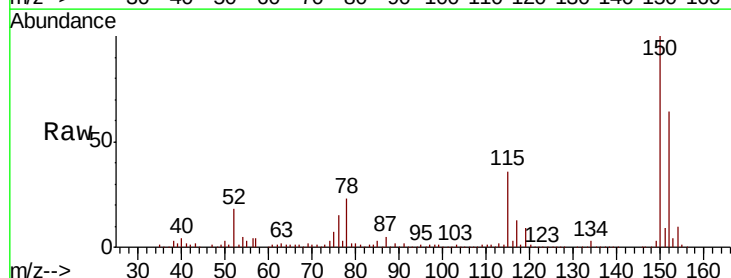
Tgt Ion:152 Resp: 198224

Ion Ratio Lower Upper

152 100

115 59.0 39.0 117.0

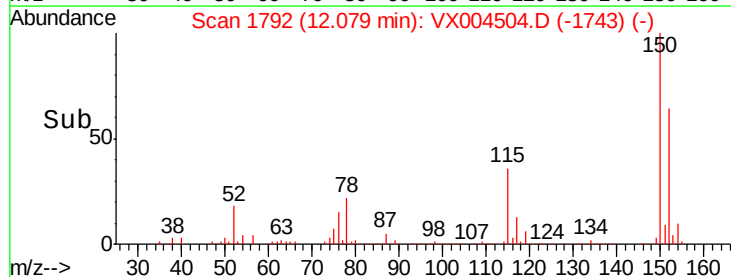
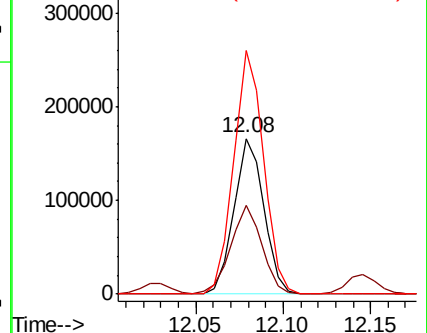
150 156.5 0.0 351.0

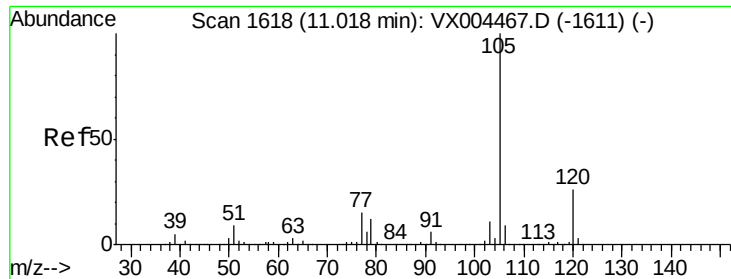


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

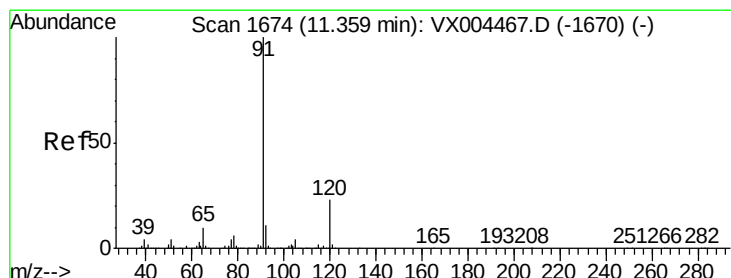
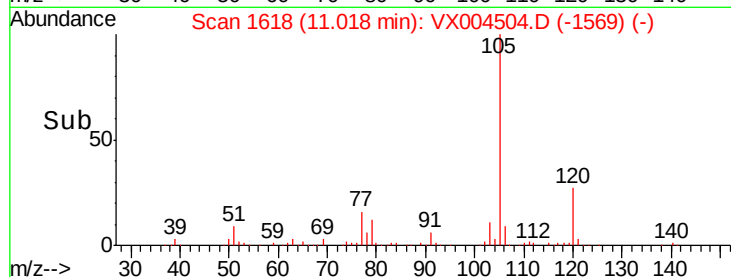
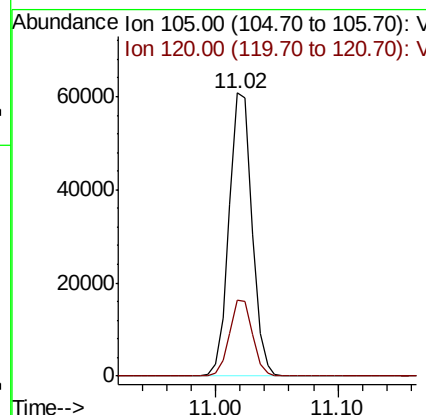
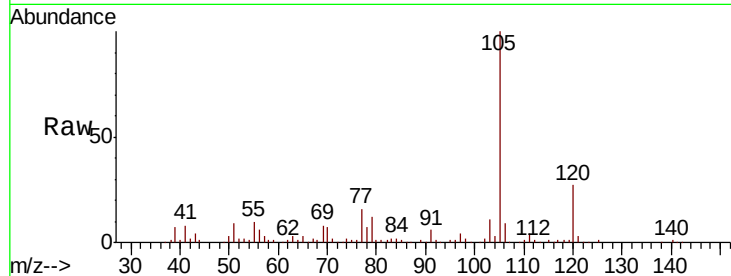




#73
Isopropylbenzene
Concen: 6.06 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

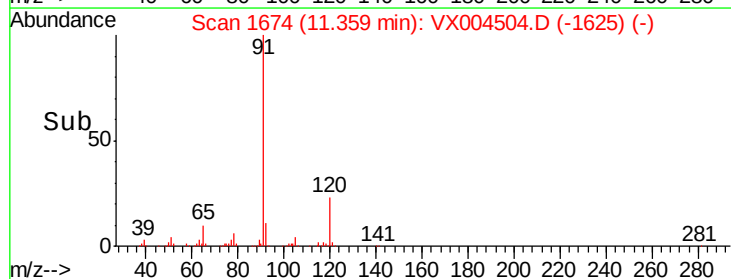
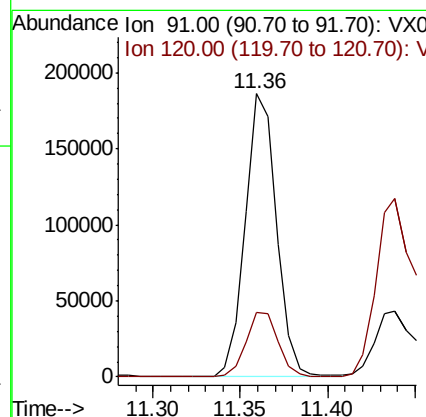
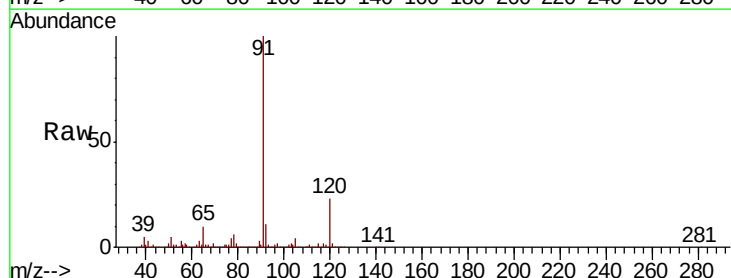
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

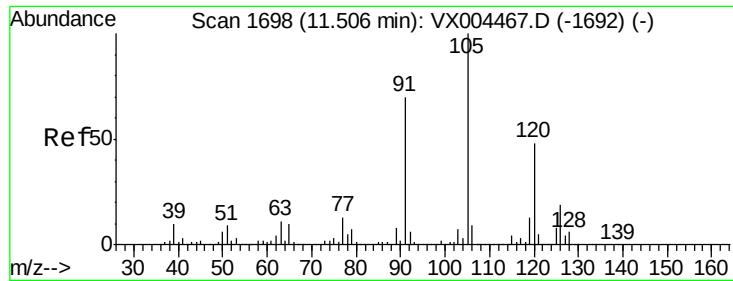
Tot Ion:105 Resp: 79072
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#78
n-propylbenzene
Concen: 15.41 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Tgt Ion: 91 Resp: 231382
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.9

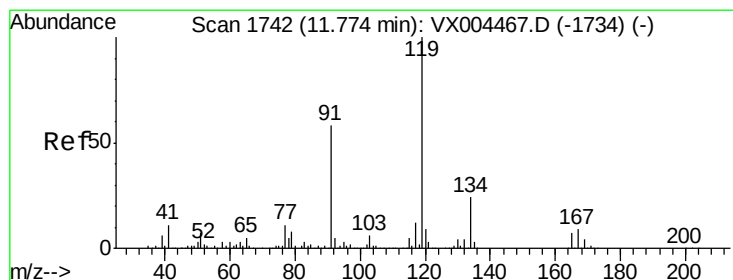
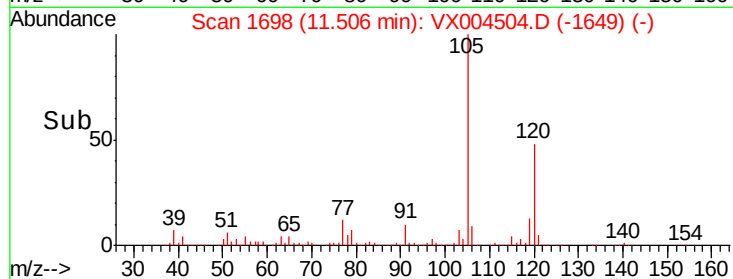
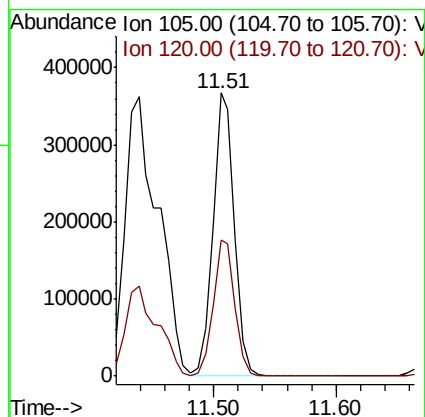
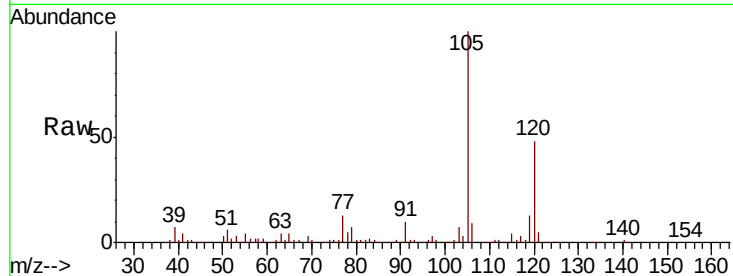




#80
 1,3,5-Trimethylbenzene
 Concen: 40.60 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

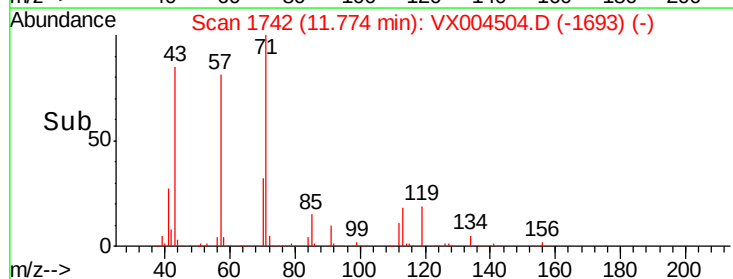
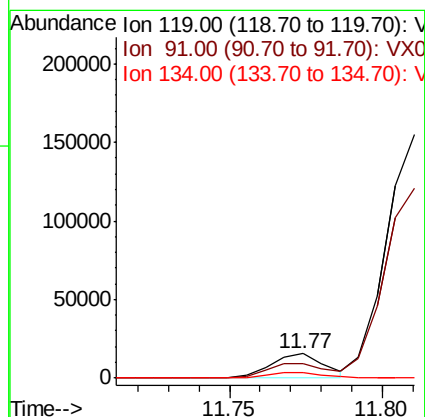
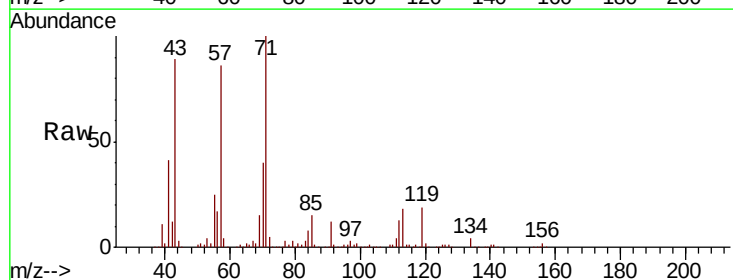
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

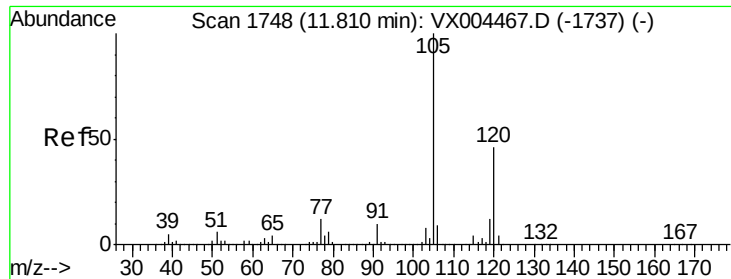
Tot Ion:105 Resp: 445558
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8



#83
 tert-Butylbenzene
 Concen: 1.82 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Tgt Ion:119 Resp: 19055
 Ion Ratio Lower Upper
 119 100
 91 66.4 27.0 81.0
 134 23.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 129.34 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

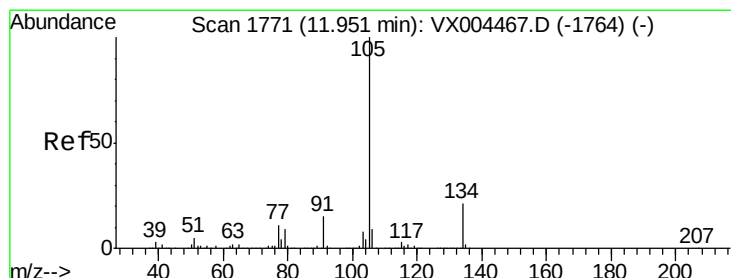
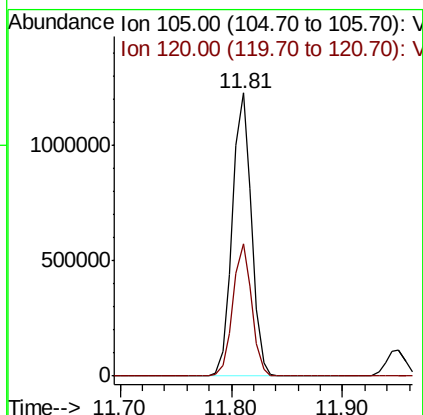
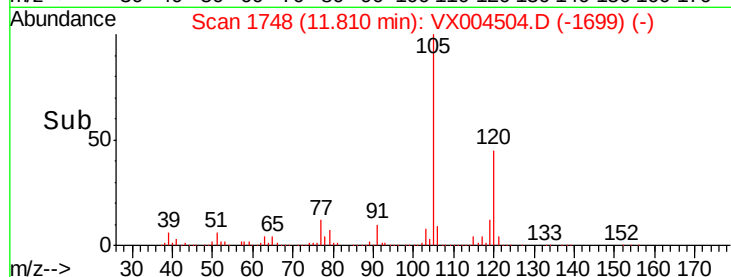
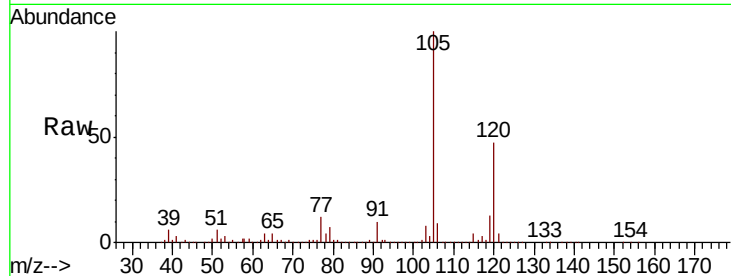
EP1-SUT-4USTS-SBDL

Tot Ion:105 Resp: 1449238

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6



#85

sec-Butylbenzene

Concen: 10.47 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004504.D

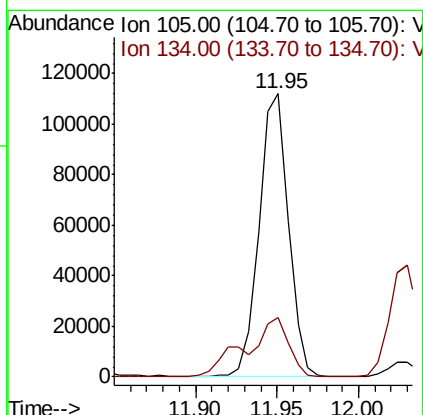
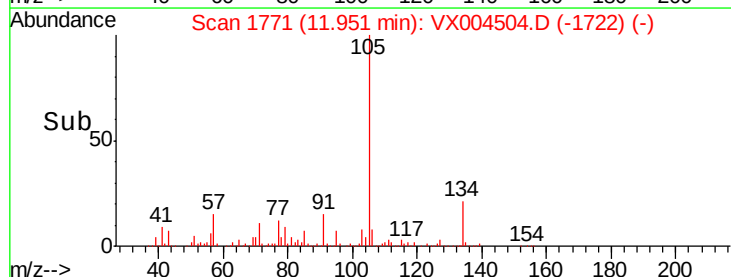
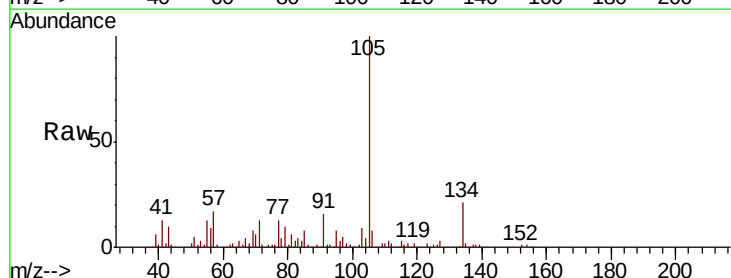
Acq: 12 Sep 2018 19:30

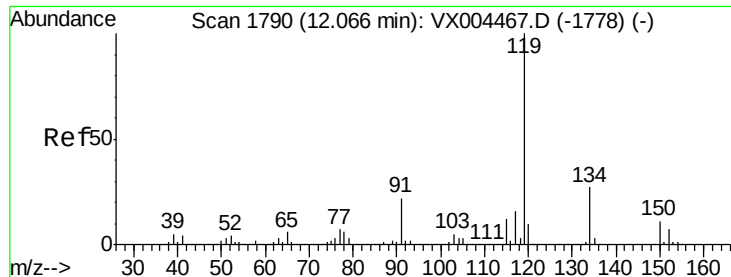
Tgt Ion:105 Resp: 139397

Ion Ratio Lower Upper

105 100

134 31.0 10.5 31.5

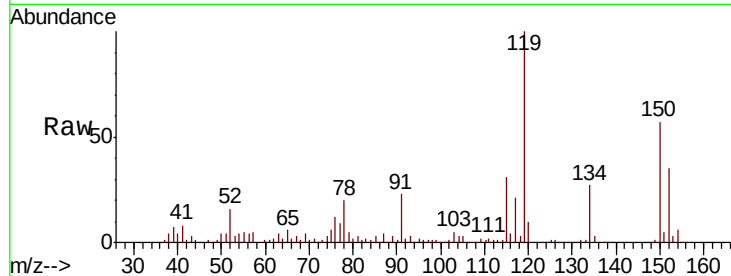




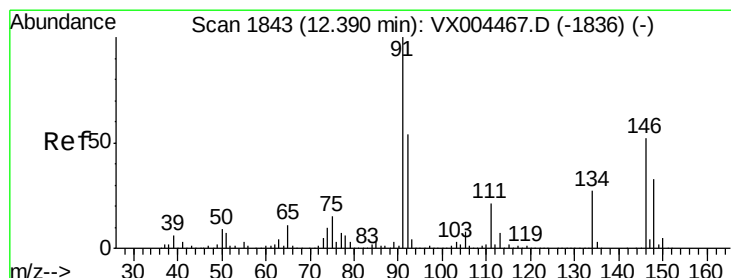
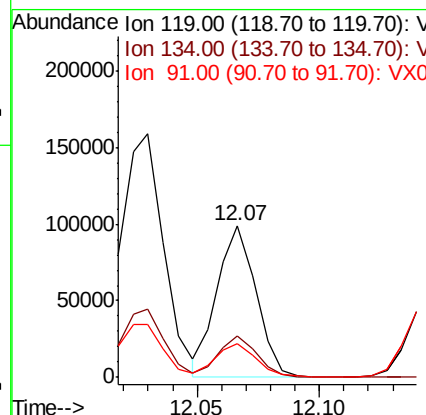
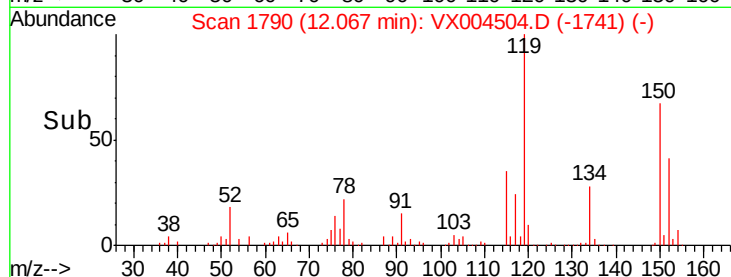
#86
 p-Isopropyltoluene
 Concen: 9.37 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

Tot Ion: 119 Resp: 110124
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.6 10.9 32.7

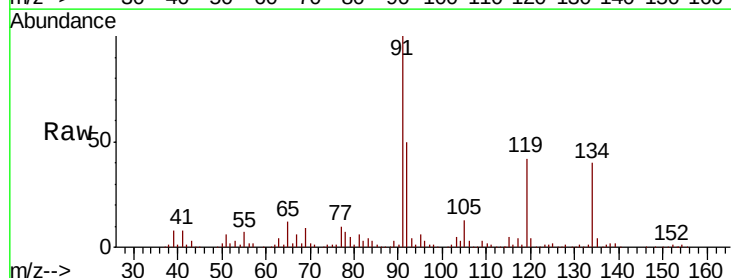


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

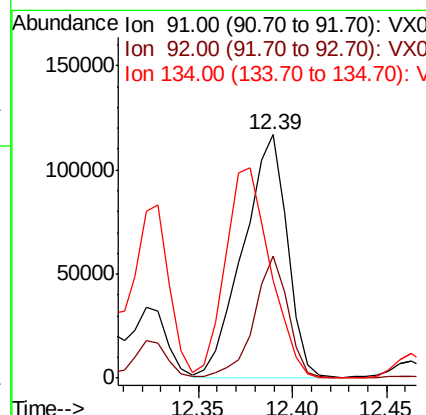
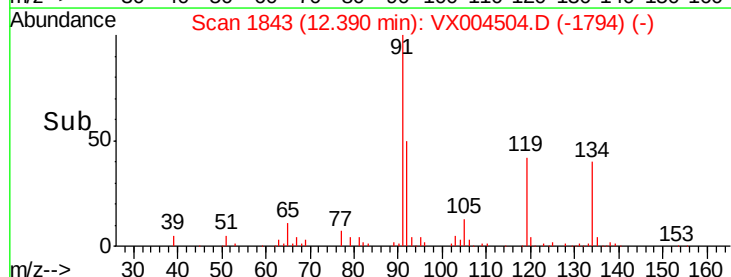


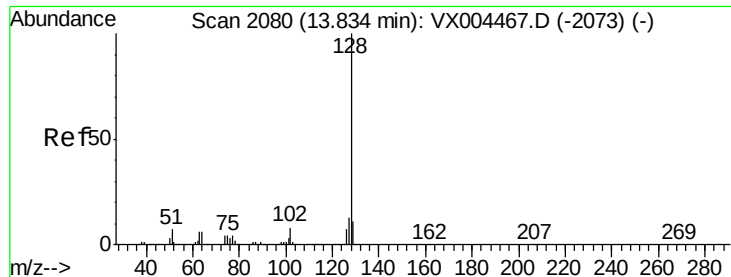
#89
 n-Butylbenzene
 Concen: 17.57 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Tgt Ion: 91 Resp: 188257
 Ion Ratio Lower Upper
 91 100
 92 39.1 27.3 81.9
 134 88.6 13.6 40.7#



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: 6.07 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	12.1	8.6	12.8

