

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004499.D
 Acq On : 12 Sep 2018 17:15
 Operator : JC/MD
 Sample : J4724-18 50X
 Misc : 3.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 13 12:03:58 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	206113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190092	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	142997	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.62%		
35) Dibromofluoromethane	5.51	113	126164	42.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.10%		
50) Toluene-d8	8.72	98	474691	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.36%		
62) 4-Bromofluorobenzene	11.14	95	191513	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.64%		

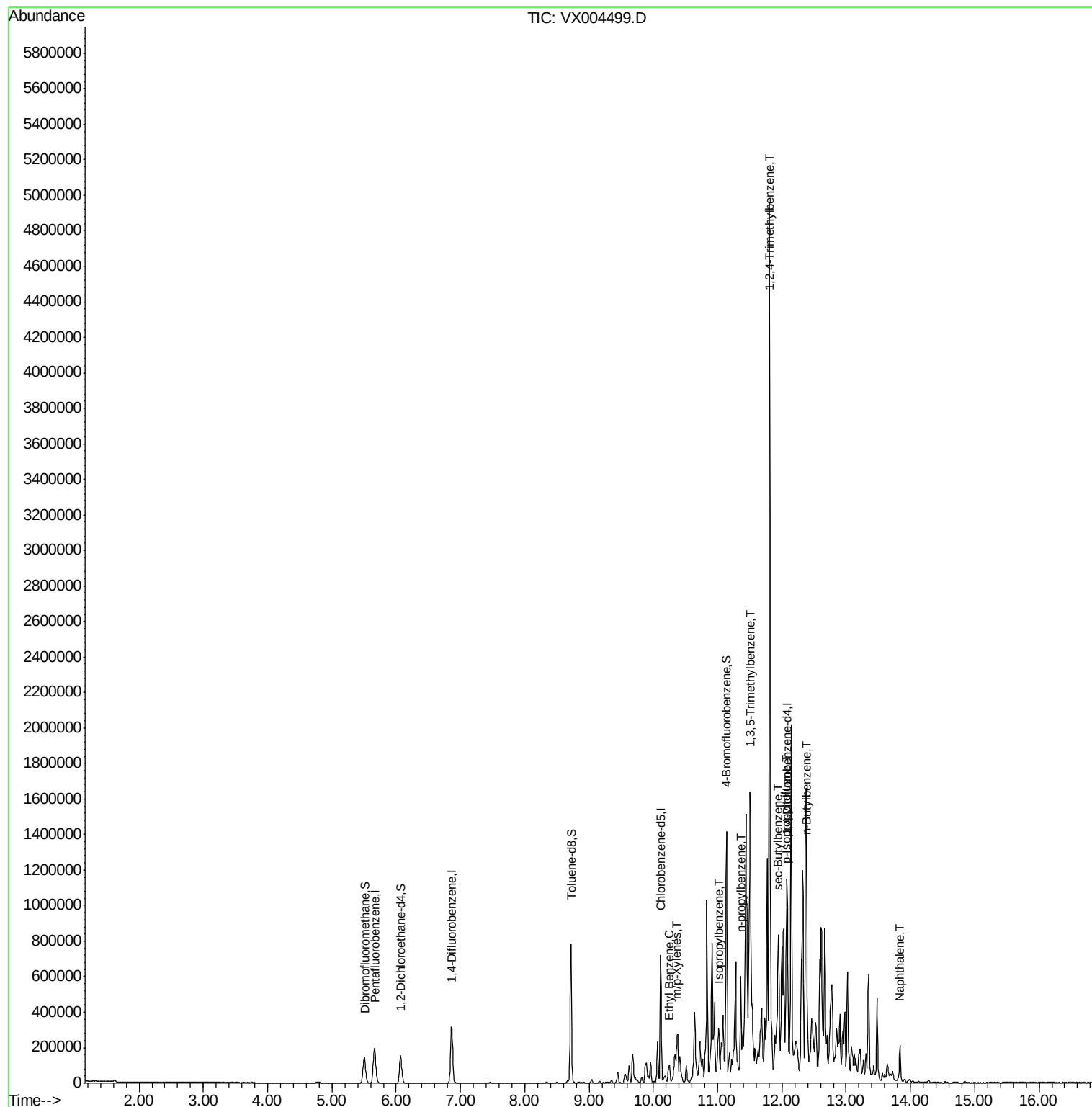
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.26	91	33808	2.50	ug/l	99
68) m/p-Xylenes	10.36	106	18445	3.54	ug/l	87
73) Isopropylbenzene	11.02	105	111247	8.89	ug/l	99
78) n-propylbenzene	11.36	91	321936	22.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	617268	58.65	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	2001033	186.22	ug/l	100
85) sec-Butylbenzene	11.95	105	193765	15.18	ug/l	78
86) p-Isopropyltoluene	12.07	119	155184	13.76	ug/l	99
89) n-Butylbenzene	12.39	91	264211	25.71	ug/l #	46
95) Naphthalene	13.83	128	124902	9.62	ug/l	98

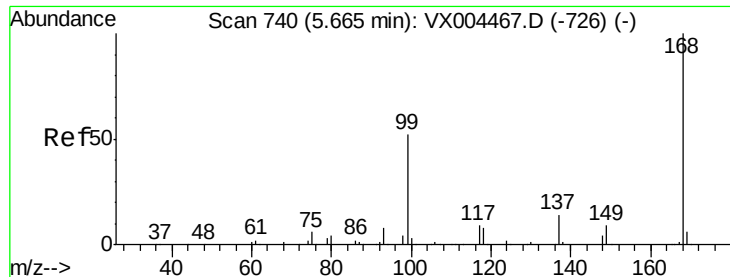
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091218\
Data File : VX004499.D
Acq On : 12 Sep 2018 17:15
Operator : JC/MD
Sample : J4724-18 50X
Misc : 3.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 13 12:03:58 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: VX004499.D

Acq: 12 Sep 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

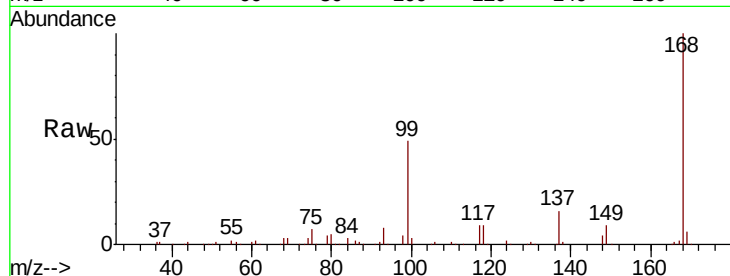
EP1-SUT-4USTS-SB

Tot Ion:168 Resp: 206113

Ion Ratio Lower Upper

168 100

99 48.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

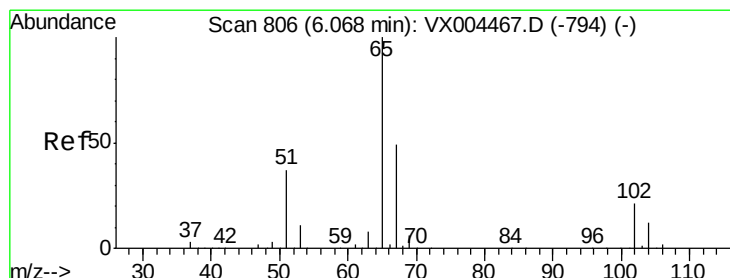
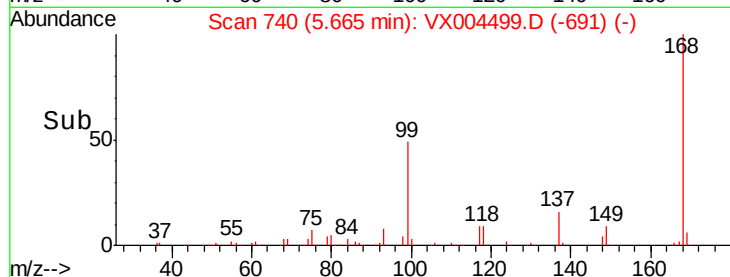
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.81 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004499.D

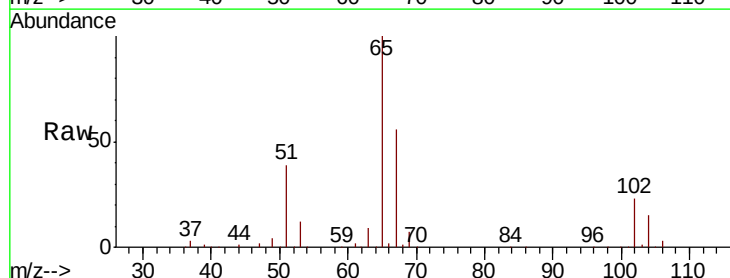
Acq: 12 Sep 2018 17:15

Tgt Ion: 65 Resp: 142997

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

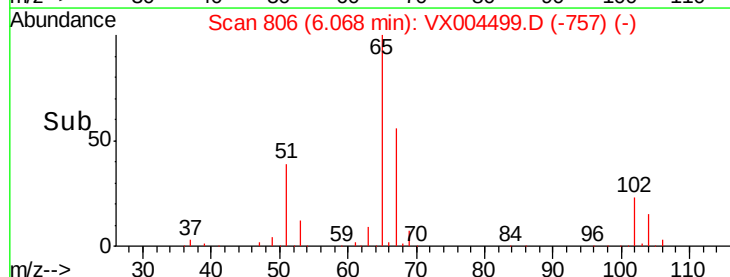
30000

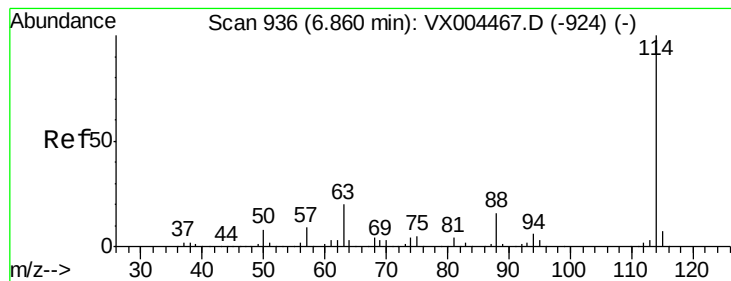
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004499.D

Acq: 12 Sep 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SB

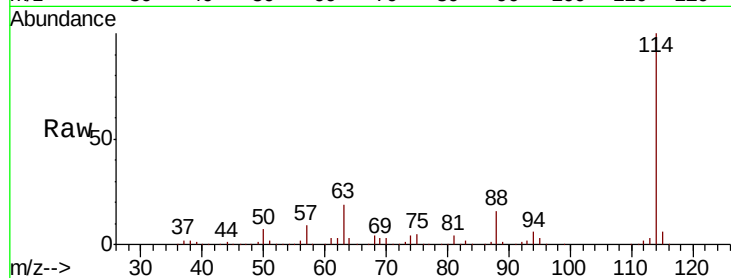
Tot Ion:114 Resp: 327889

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

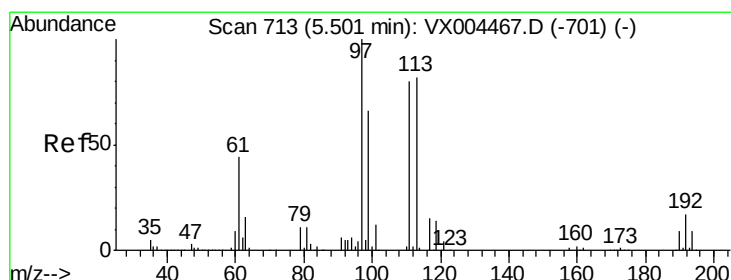
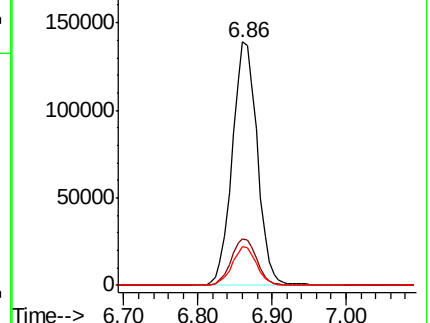
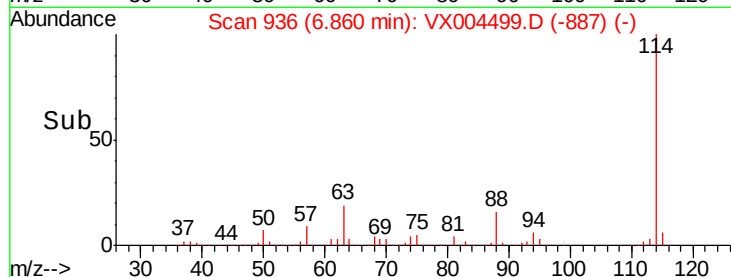
88 16.0 0.0 30.4



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: 42.05 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004499.D

Acq: 12 Sep 2018 17:15

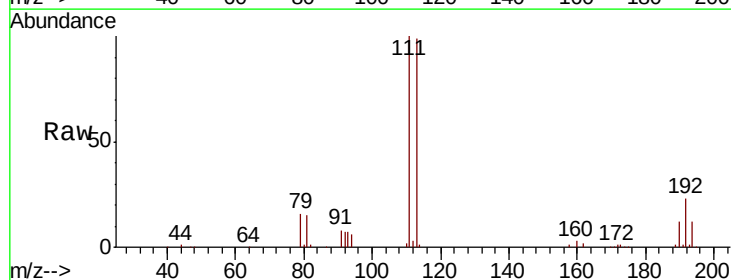
Tgt Ion:113 Resp: 126164

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

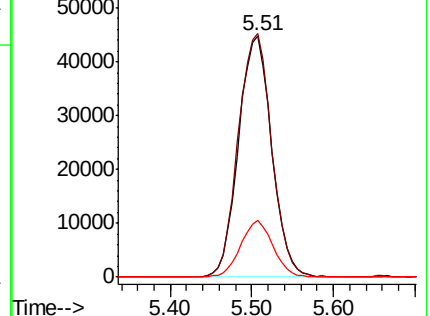
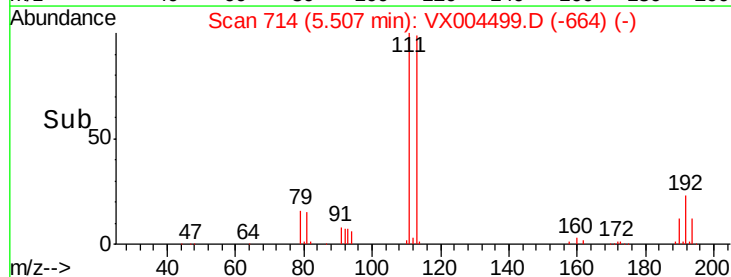
192 22.9 19.4 29.2

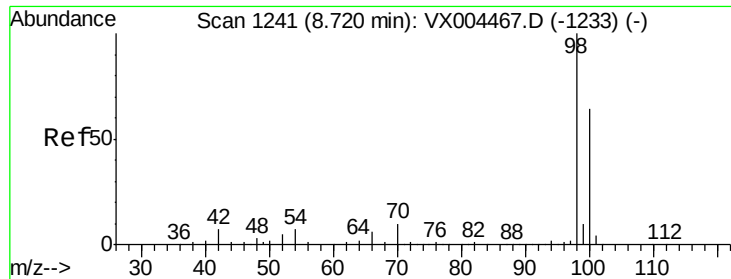


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

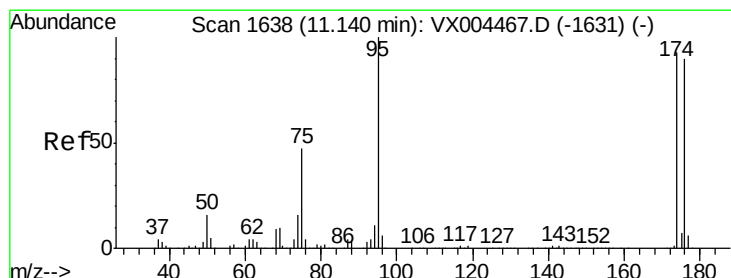
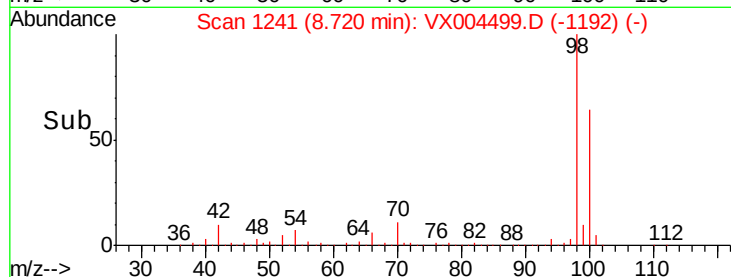
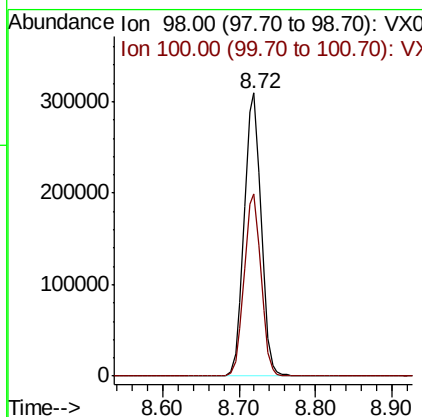
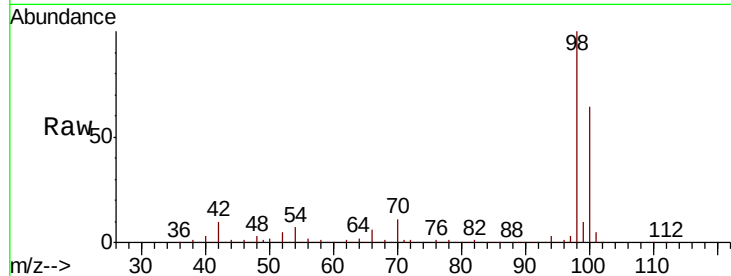




#50
Toluene-d8
Concen: 47.18 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004499.D
Acq: 12 Sep 2018 17:15

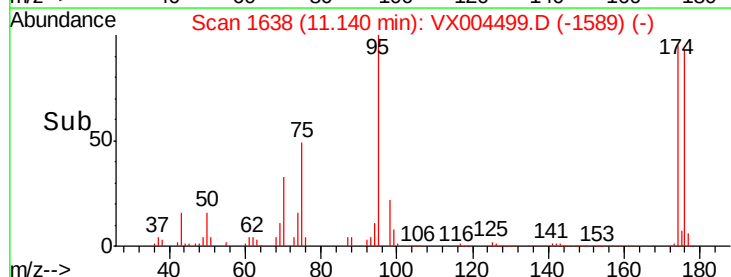
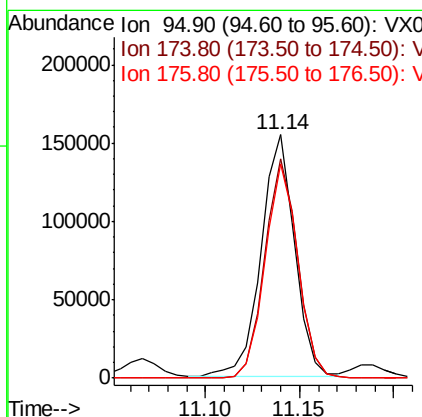
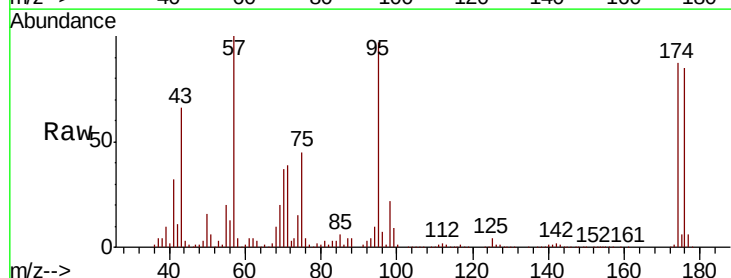
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SB

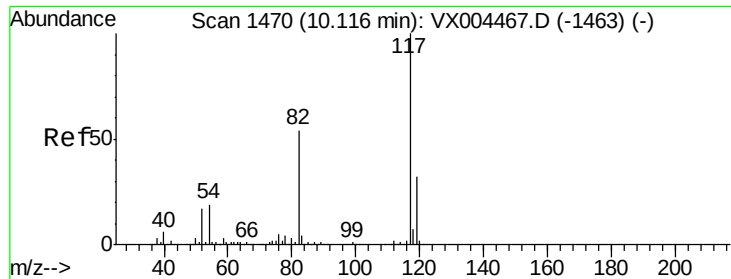
Tot Ion: 98 Resp: 474691
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 53.32 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004499.D
Acq: 12 Sep 2018 17:15

Tgt Ion: 95 Resp: 191513
Ion Ratio Lower Upper
95 100
174 88.8 0.0 185.2
176 86.1 0.0 178.6

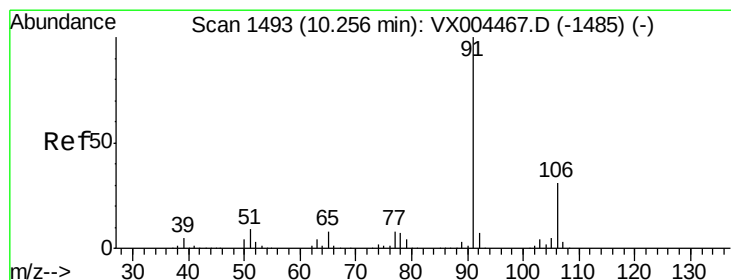
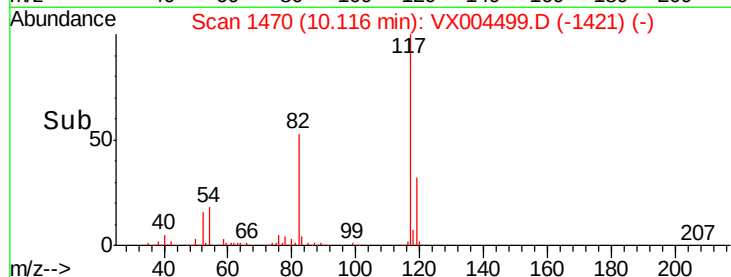
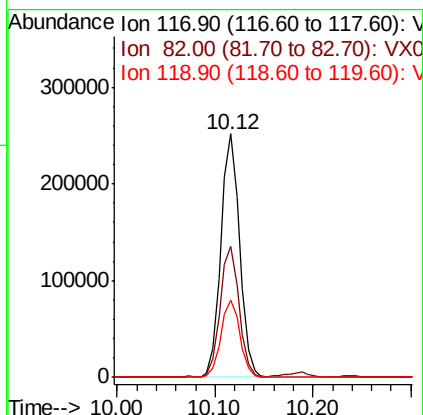
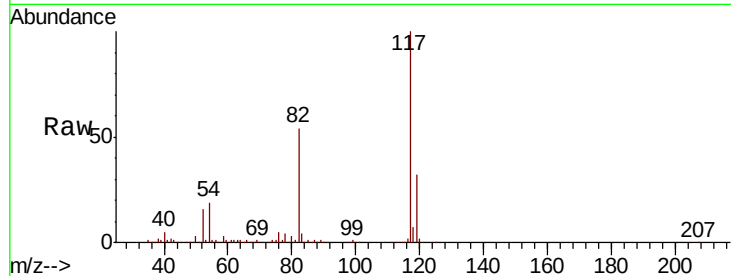




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004499.D
Acq: 12 Sep 2018 17:15

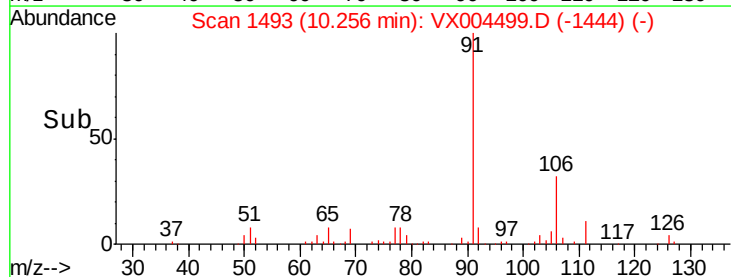
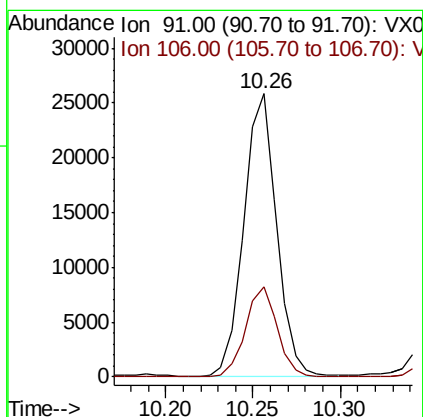
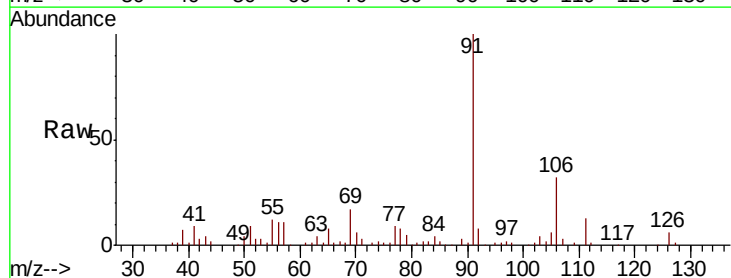
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SB

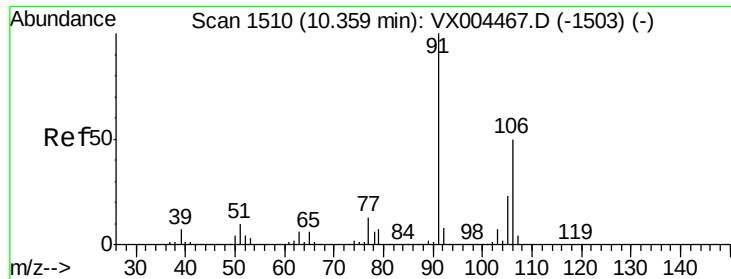
Tot Ion:117 Resp: 335051
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 31.7 29.3 43.9



#67
Ethyl Benzene
Concen: 2.50 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004499.D
Acq: 12 Sep 2018 17:15

Tgt Ion: 91 Resp: 33808
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9

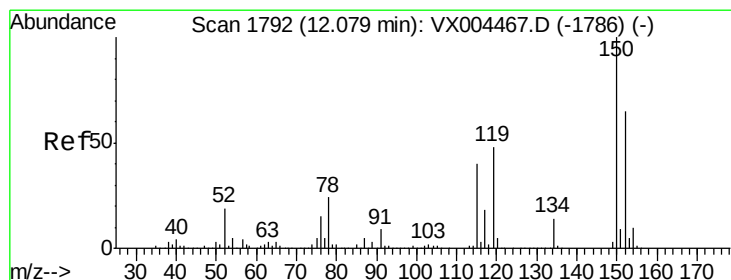
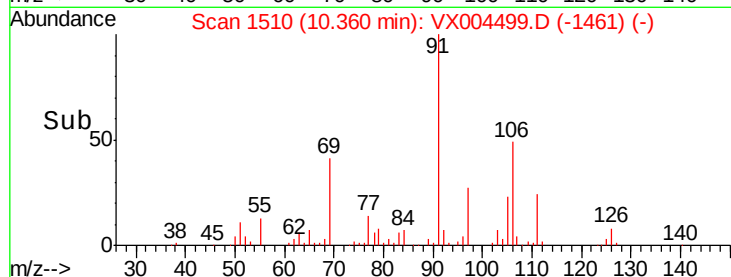
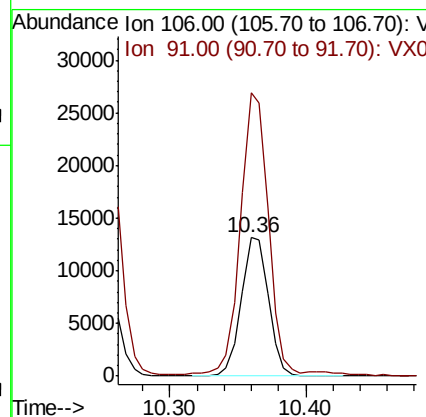
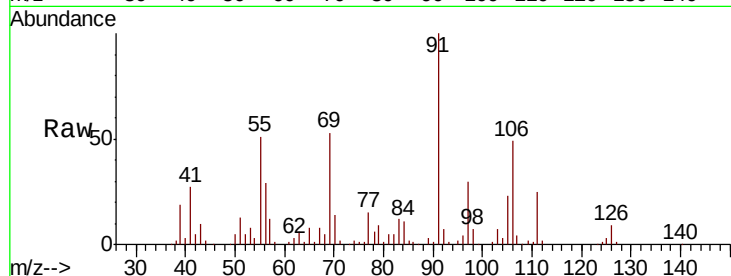




#68
m/p-Xvlenes
Concen: 3.54 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004499.D
Acq: 12 Sep 2018 17:15

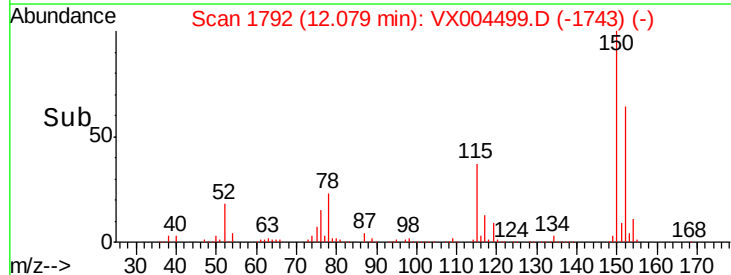
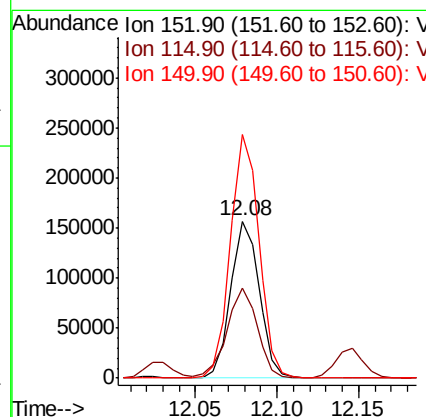
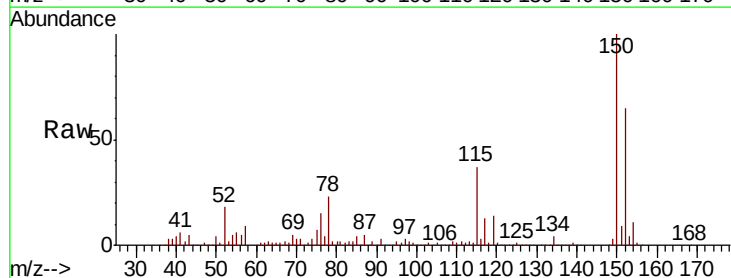
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SB

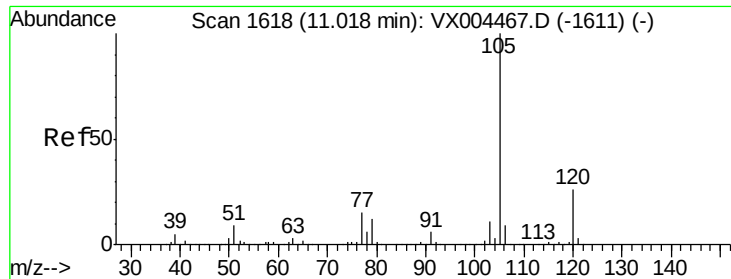
Tot Ion:106 Resp: 18445
Ion Ratio Lower Upper
106 100
91 215.9 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004499.D
Acq: 12 Sep 2018 17:15

Tgt Ion:152 Resp: 190092
Ion Ratio Lower Upper
152 100
115 60.8 39.0 117.0
150 156.2 0.0 351.0

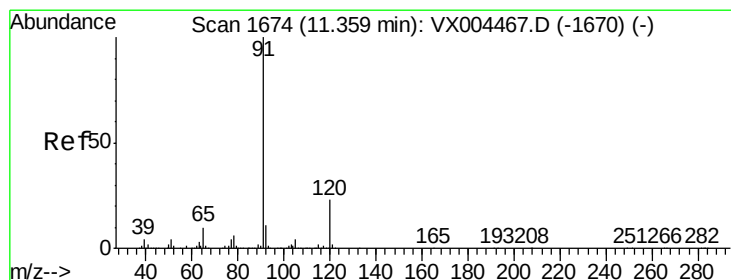
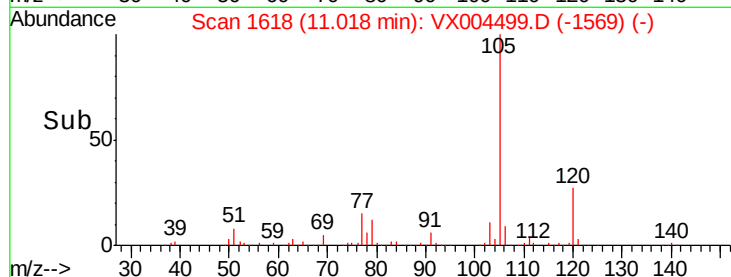
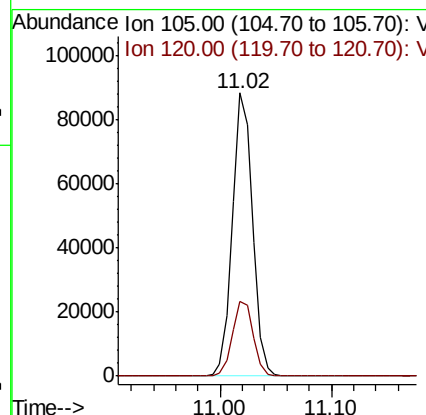
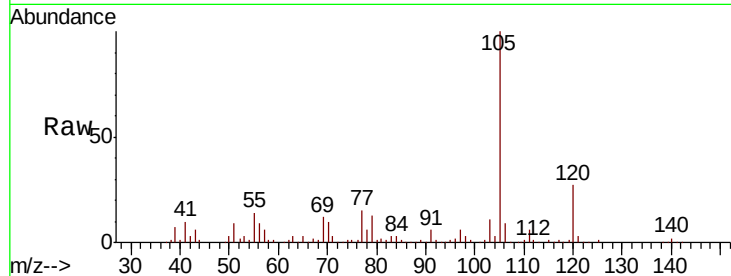




#73
Isopropylbenzene
Concen: 8.89 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004499.D
Acq: 12 Sep 2018 17:15

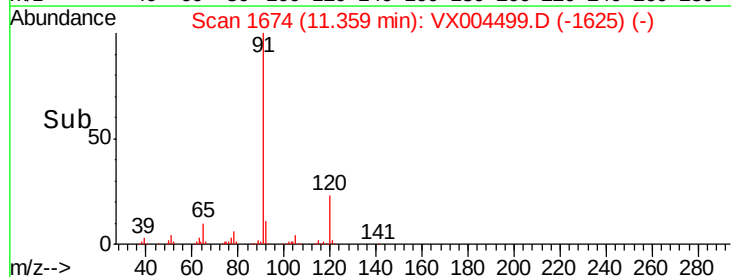
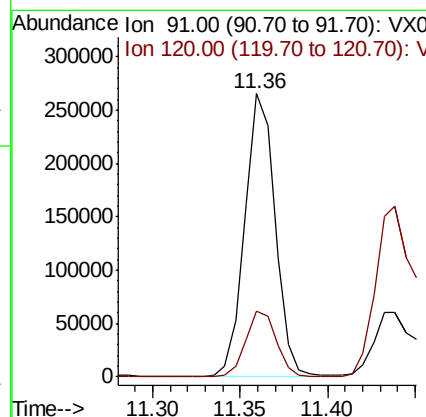
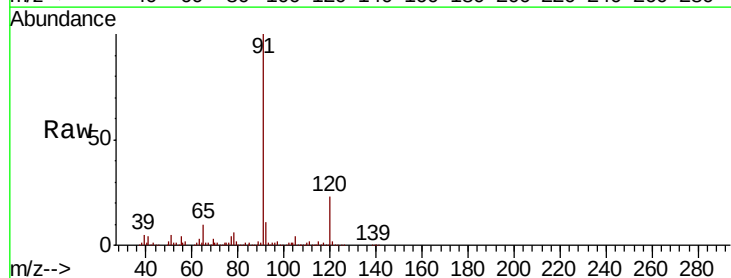
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SB

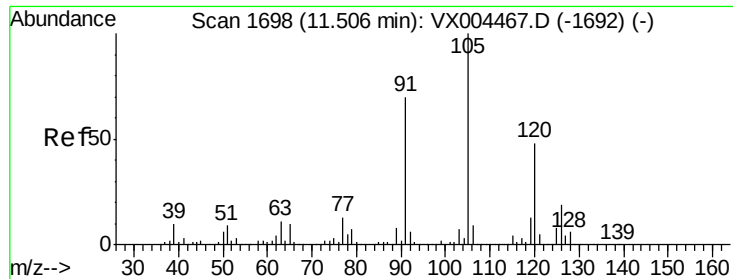
Tot Ion: 105 Resp: 111247
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#78
n-propylbenzene
Concen: 22.36 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004499.D
Acq: 12 Sep 2018 17:15

Tgt Ion: 91 Resp: 321936
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.9

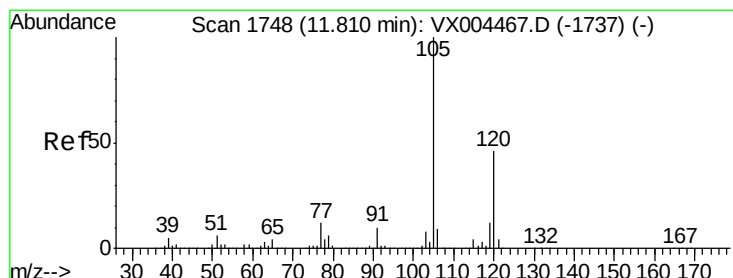
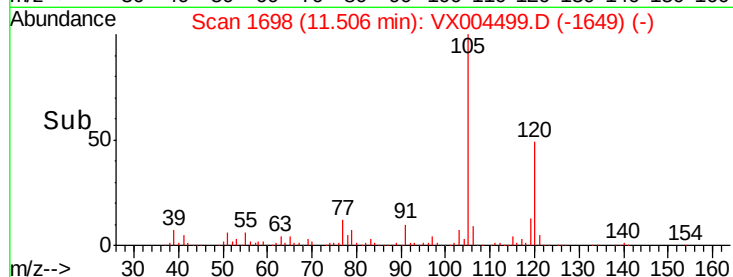
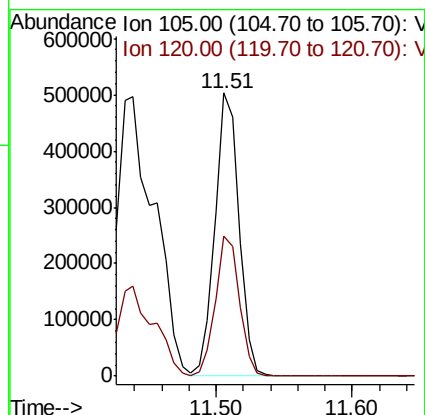
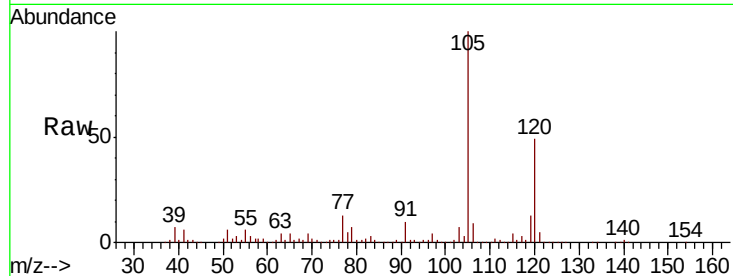




#80
 1,3,5-Trimethylbenzene
 Concen: 58.65 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004499.D
 Acq: 12 Sep 2018 17:15

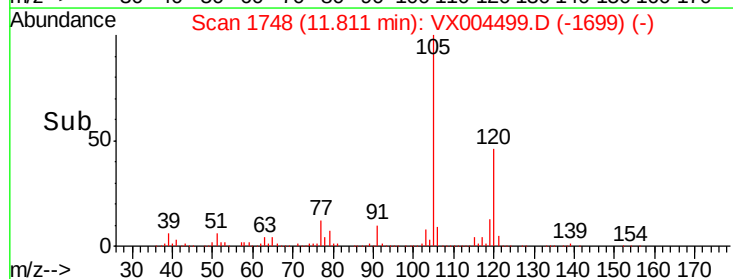
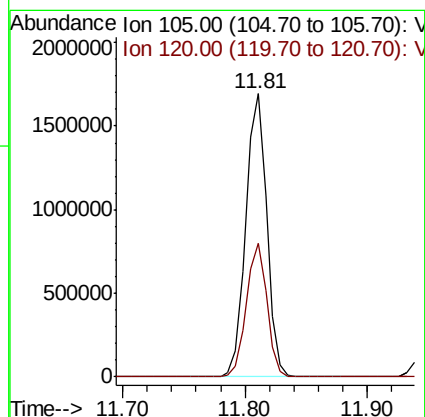
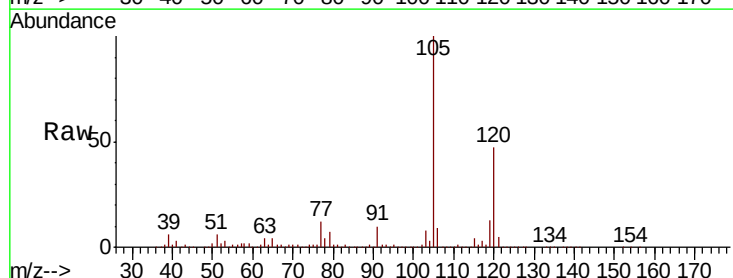
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SB

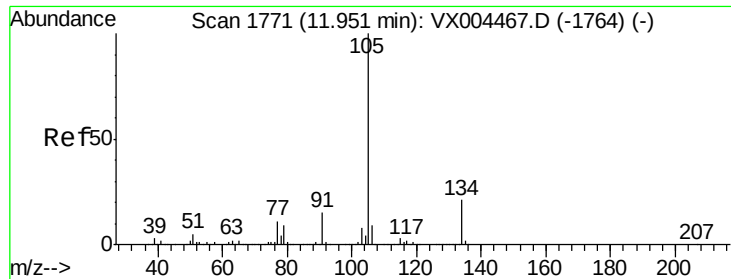
Tot Ion:105 Resp: 617268
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 186.22 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004499.D
 Acq: 12 Sep 2018 17:15

Tgt Ion:105 Resp: 2001033
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6

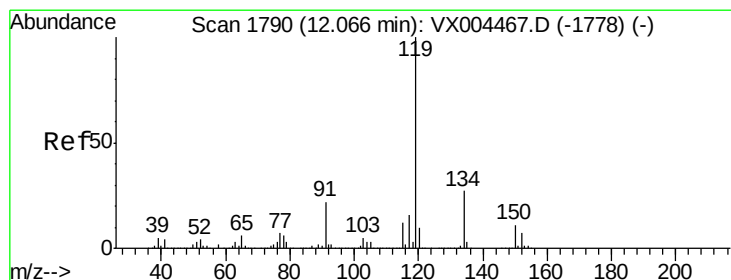
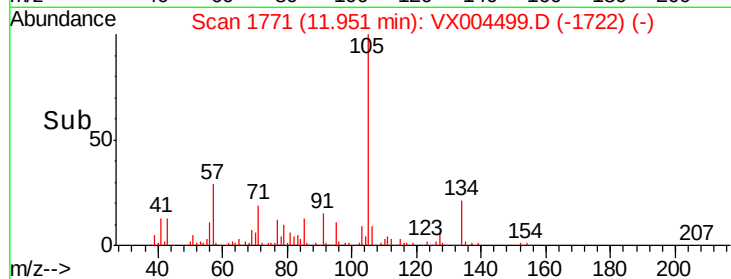
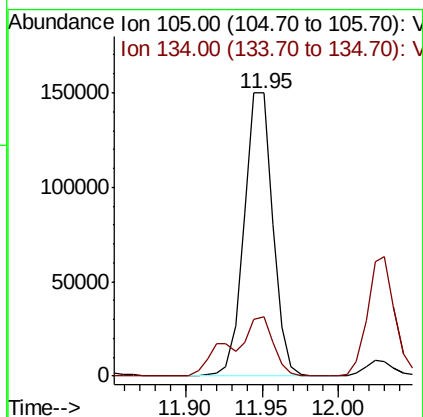
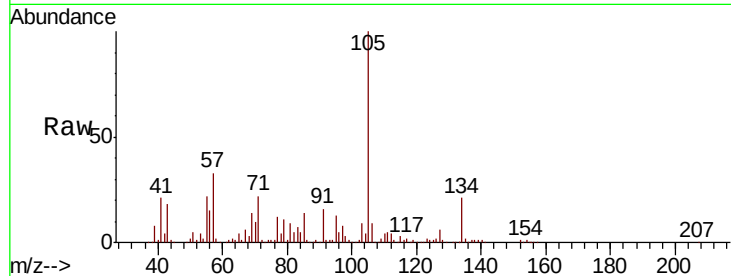




#85
 sec-Butylbenzene
 Concen: 15.18 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: VX004499.D
 Acq: 12 Sep 2018 17:15

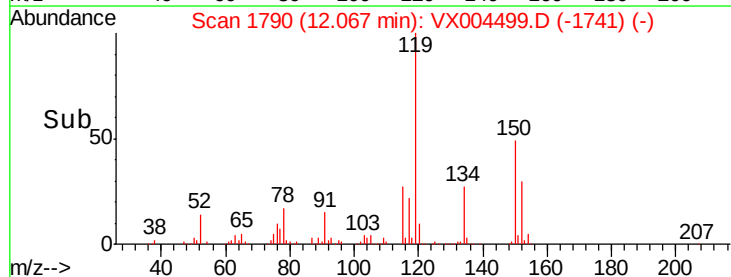
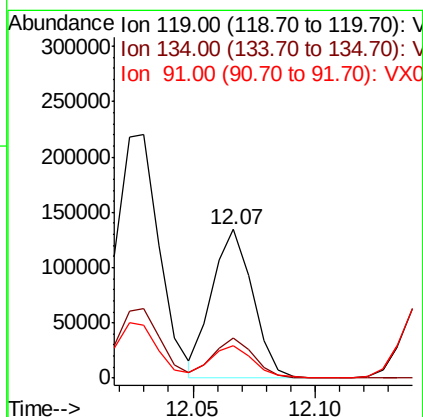
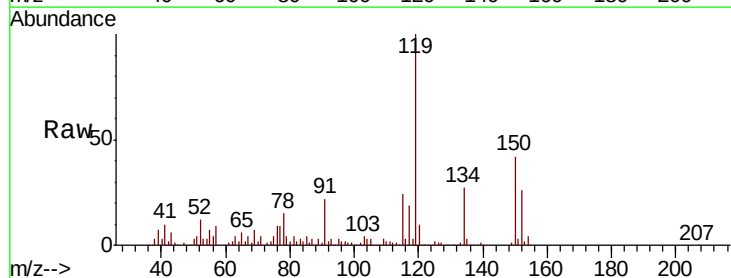
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SB

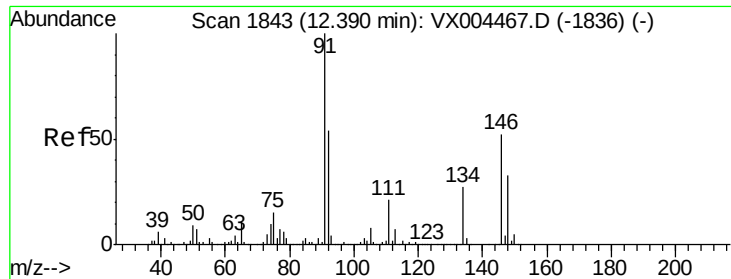
Tot Ion:105 Resp: 193765
 Ion Ratio Lower Upper
 105 100
 134 31.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 13.76 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004499.D
 Acq: 12 Sep 2018 17:15

Tgt Ion:119 Resp: 155184
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.3 10.9 32.7





#89

n-Butylbenzene

Concen: 25.71 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004499.D

Acq: 12 Sep 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SB

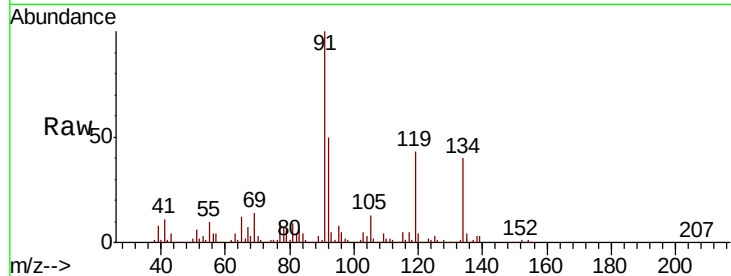
Tot Ion: 91 Resp: 264211

Ion Ratio Lower Upper

91 100

92 39.5 27.3 81.9

134 88.9 13.6 40.7#

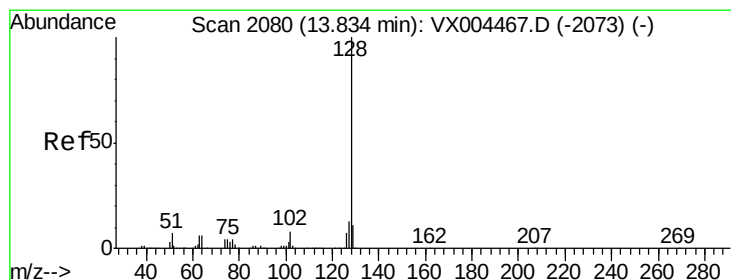
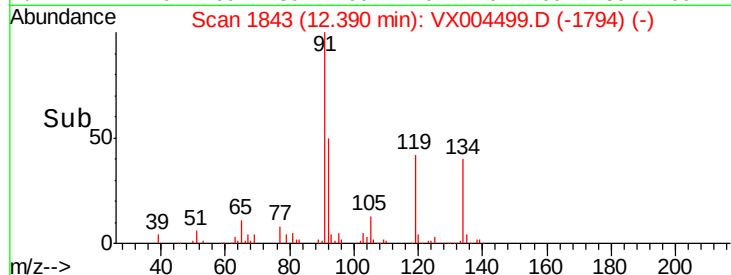
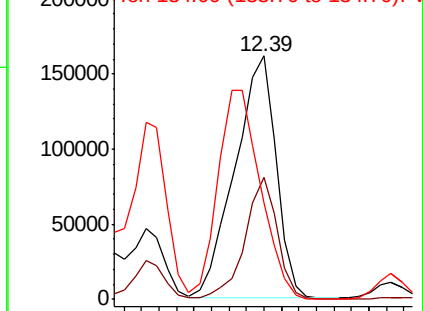


Abundance

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: 9.62 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004499.D

Acq: 12 Sep 2018 17:15

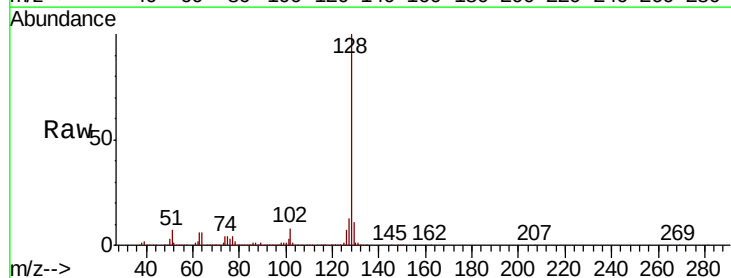
Tgt Ion:128 Resp: 124902

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.4 8.6 12.8



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

