

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004396.D
 Acq On : 06 Sep 2018 20:14
 Operator : JC/MD
 Sample : J4724-15
 Misc : 3.78g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

Quant Time: Sep 07 07:56:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	456873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	338731	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	180081	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
35) Dibromofluoromethane	5.50	113	153518	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	8.71	98	630334	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	11.15	95	239737	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	

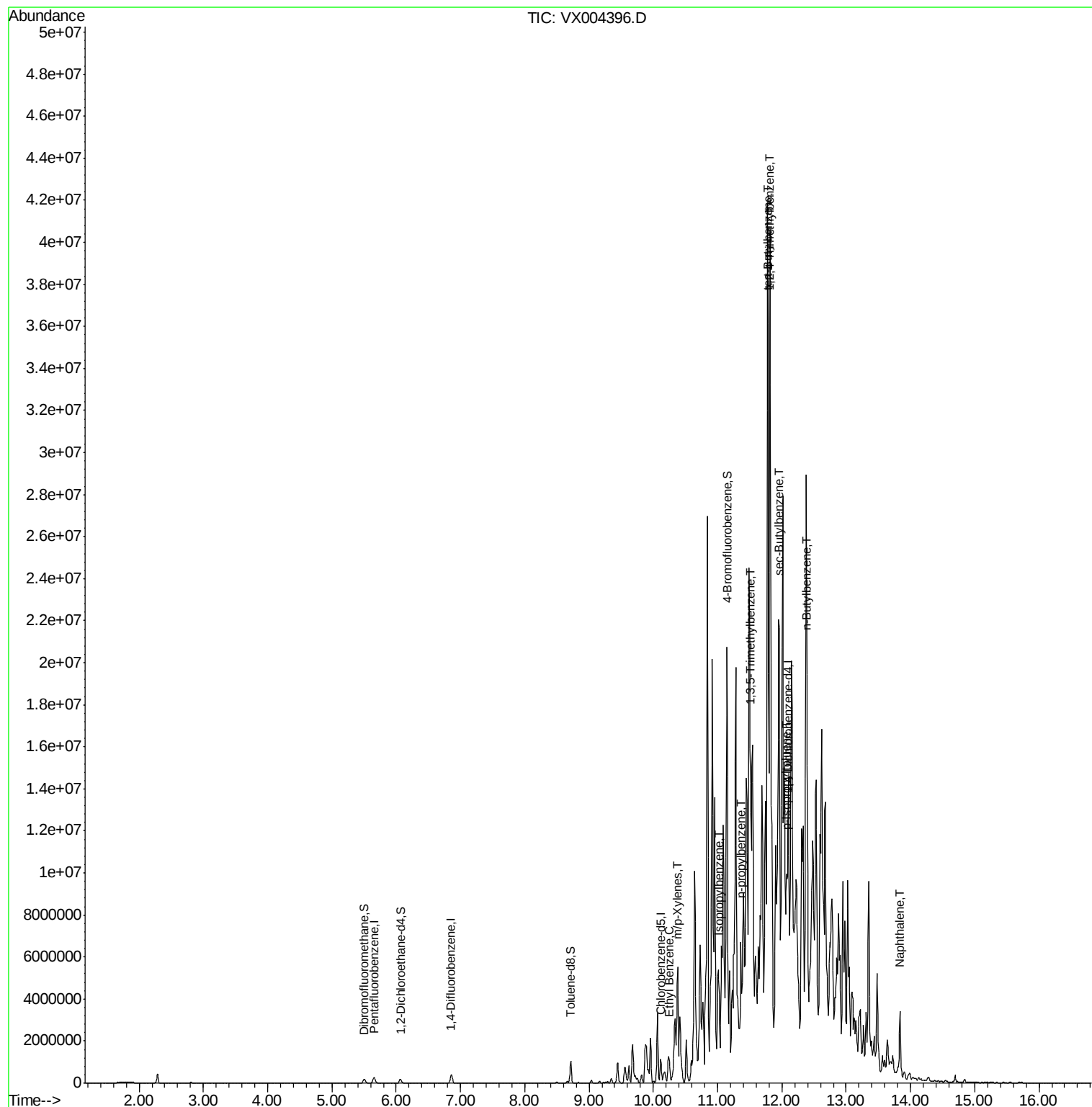
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.26	91	113419	6.09	ug/l	100
68) m/p-Xylenes	10.37	106	99829	13.71	ug/l	83
73) Isopropylbenzene	11.02	105	816697	36.71	ug/l	99
78) n-propylbenzene	11.37	91	2672693	104.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2797545	151.84	ug/l	100
83) tert-Butylbenzene	11.77	119	307507	16.59	ug/l	85
84) 1,2,4-Trimethylbenzene	11.82	105	12091595	639.36	ug/l	86
85) sec-Butylbenzene	11.96	105	2524885	114.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	2234065	113.27	ug/l	99
89) n-Butylbenzene	12.40	91	3320073	207.02	ug/l #	55
95) Naphthalene	13.83	128	2003412	90.65	ug/l	98

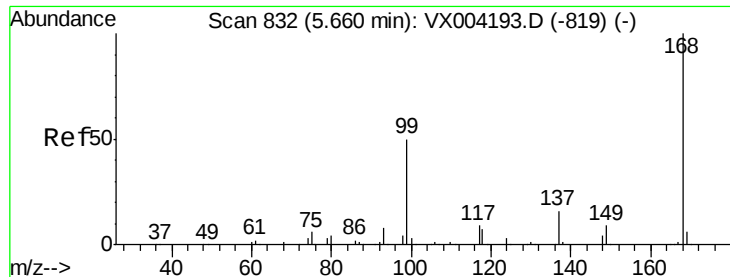
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

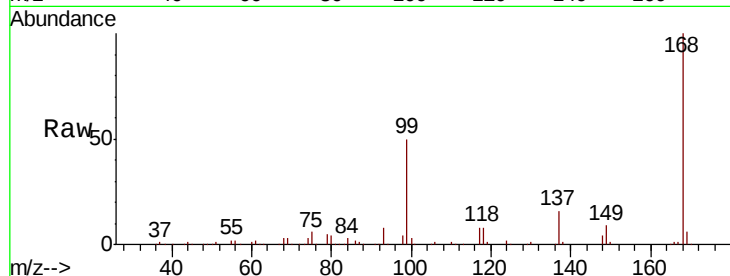
EP1-SUT-8USTS-E

Tot Ion:168 Resp: 260434

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

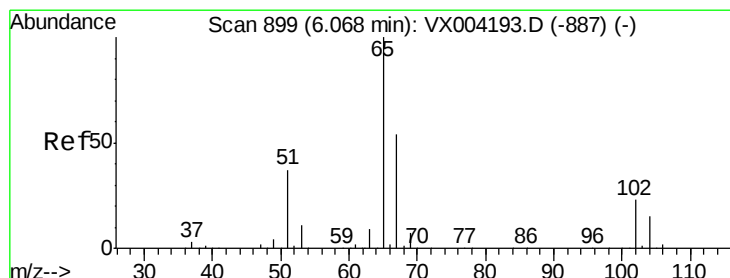
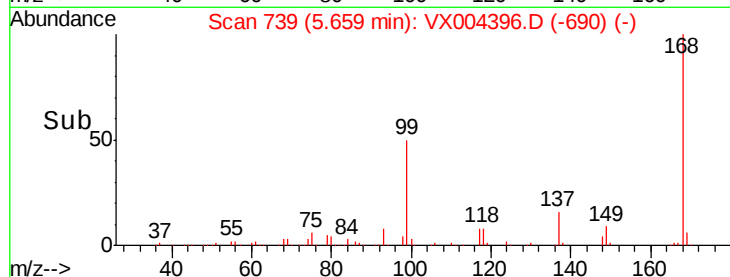
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.05 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004396.D

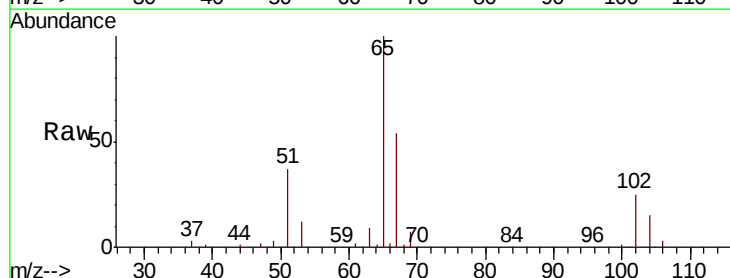
Acq: 06 Sep 2018 20:14

Tgt Ion: 65 Resp: 180081

Ion Ratio Lower Upper

65 100

67 53.8 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

80000

60000

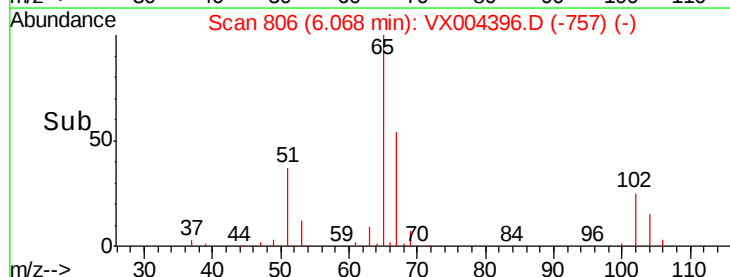
40000

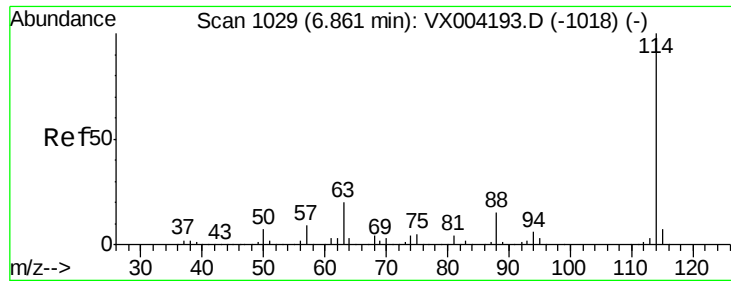
20000

0

Time-->

6.00 6.10 6.20

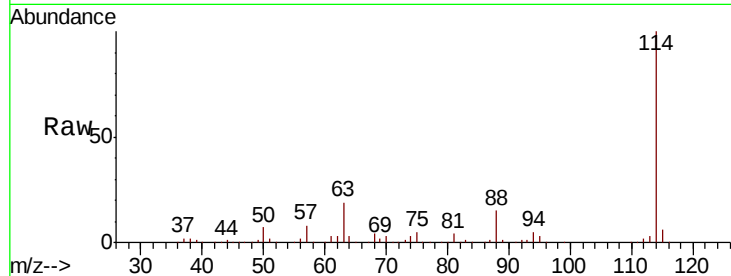




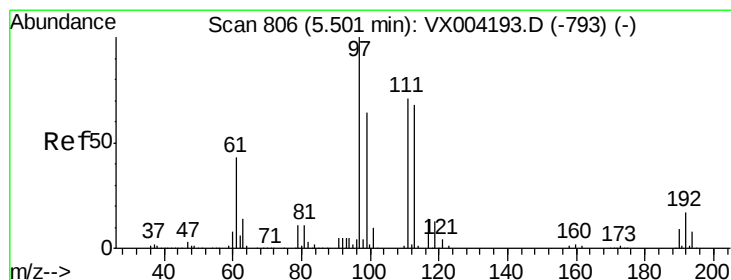
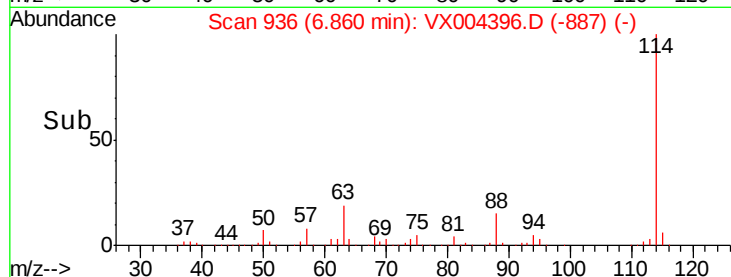
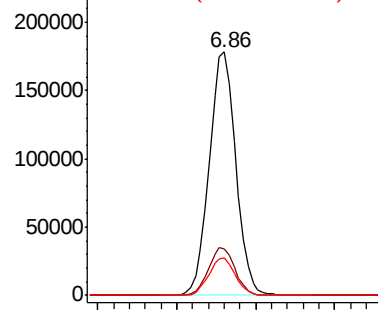
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

Tot Ion:114 Resp: 417481
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.3 0.0 30.4

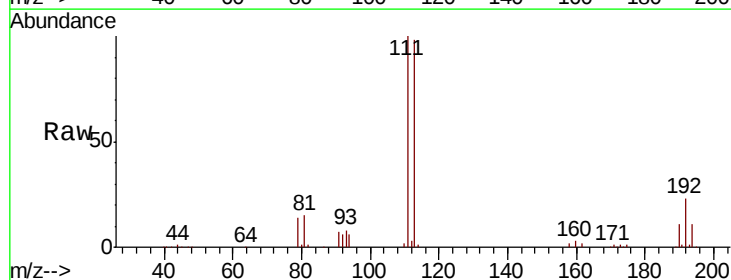


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

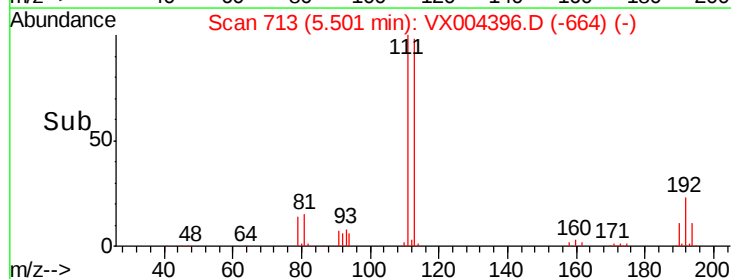
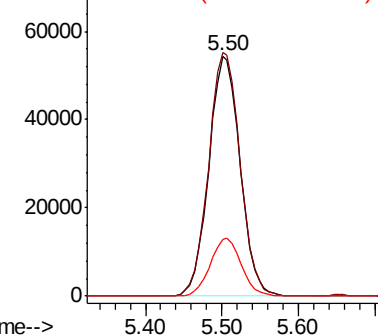


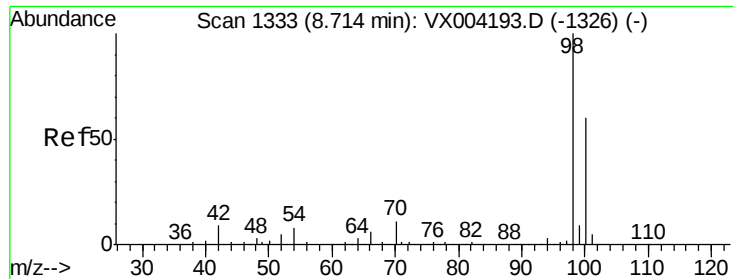
#35
 Dibromofluoromethane
 Concen: 49.43 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion:113 Resp: 153518
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 24.0 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

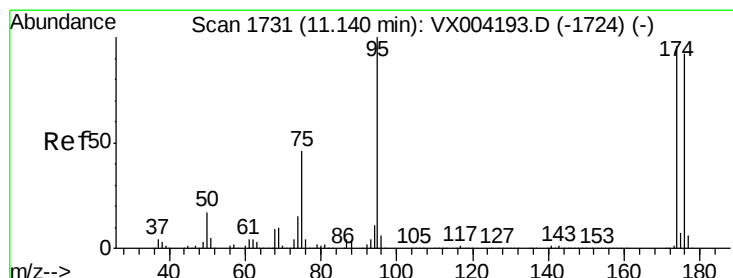
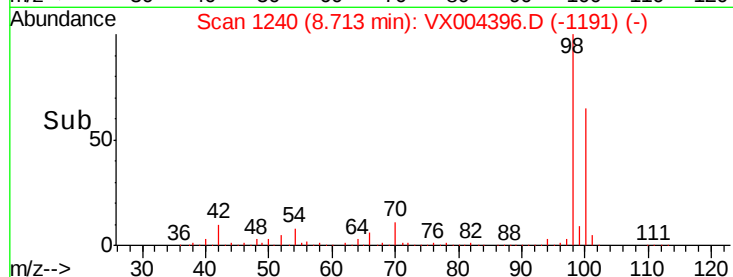
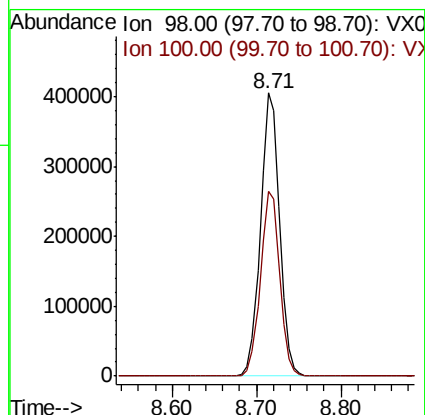
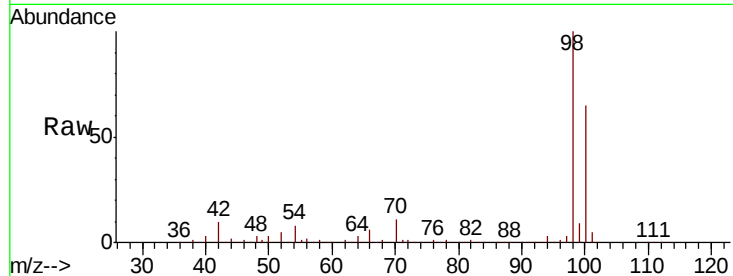




#50
Toluene-d8
Concen: 53.77 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

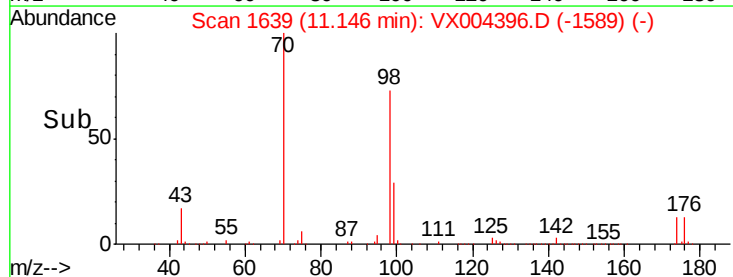
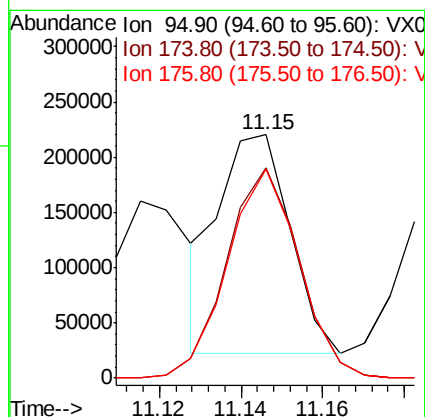
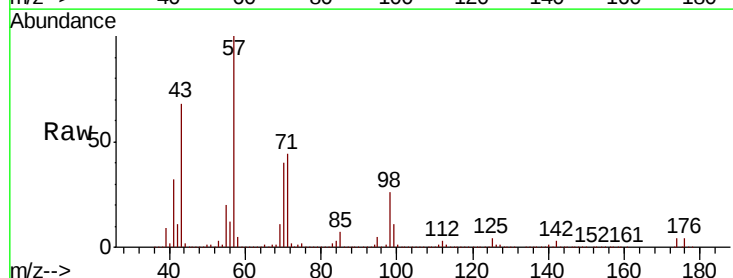
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

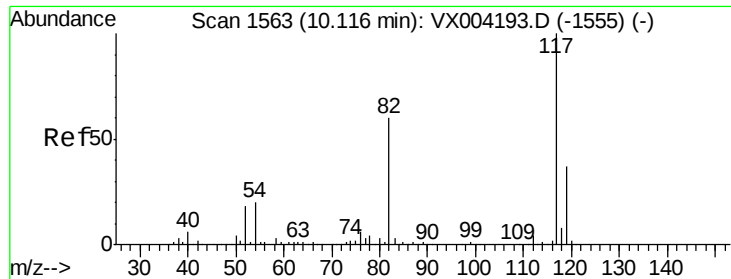
Tot Ion: 98 Resp: 630334
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 54.81 ug/l
RT: 11.15 min Scan# 1639
Delta R.T. 0.01 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Tgt Ion: 95 Resp: 239737
Ion Ratio Lower Upper
95 100
174 99.1 0.0 185.2
176 97.3 0.0 178.6

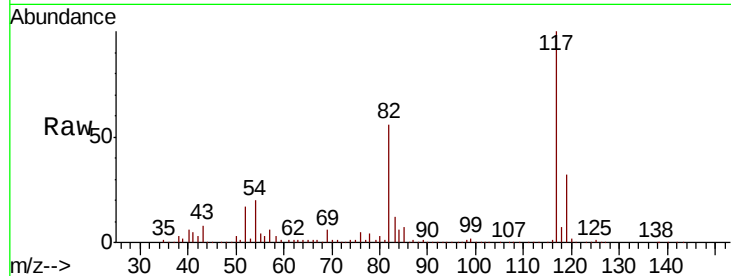




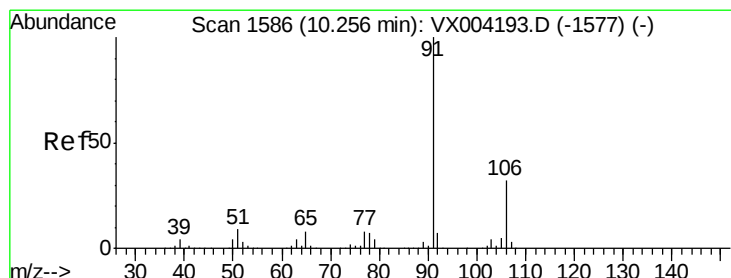
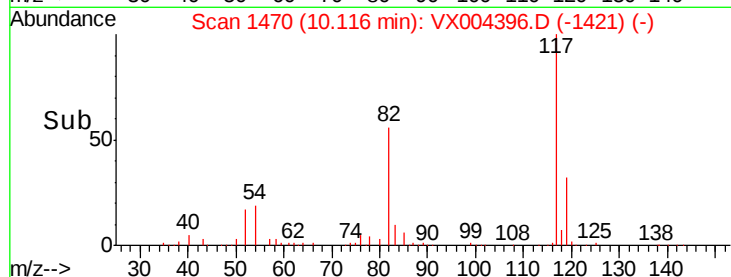
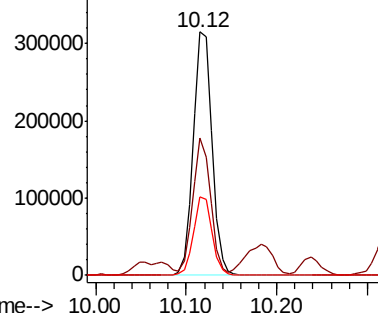
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

Tot Ion:117 Resp: 456873
Ion Ratio Lower Upper
117 100
82 50.9 47.8 71.6
119 32.3 29.3 43.9

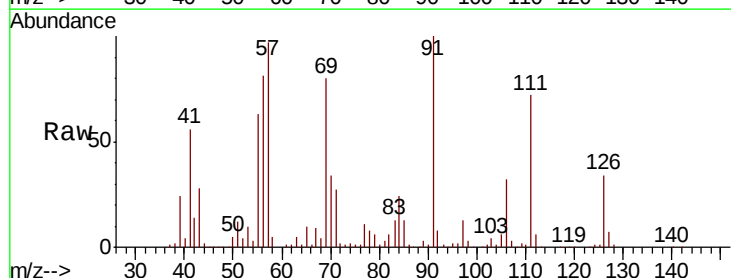


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

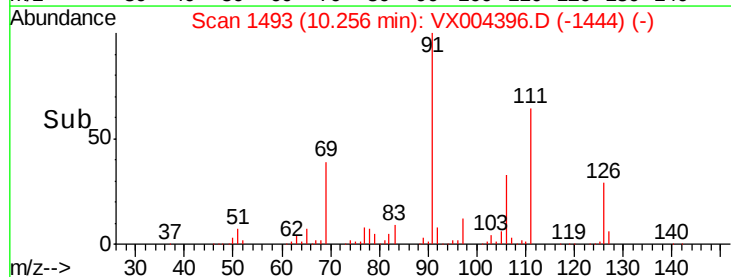
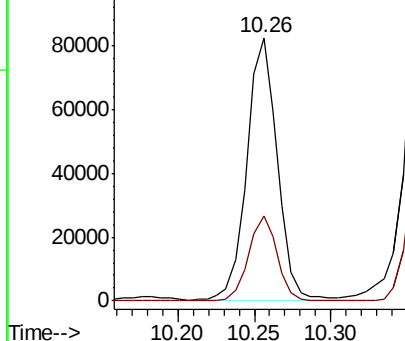


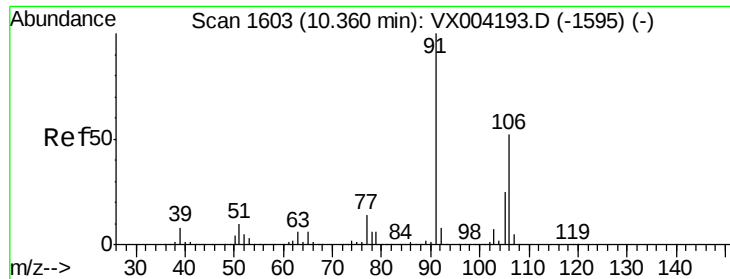
#67
Ethyl Benzene
Concen: 6.09 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Tgt Ion: 91 Resp: 113419
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9



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

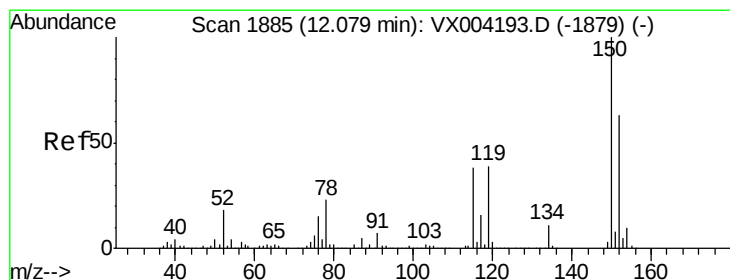
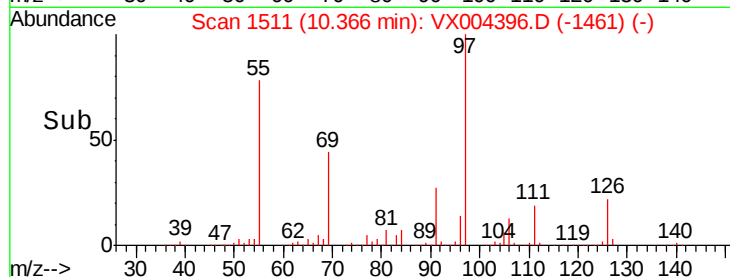
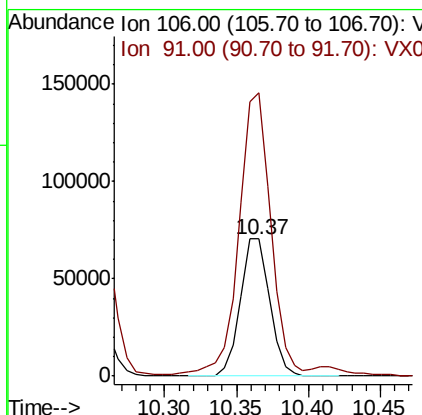
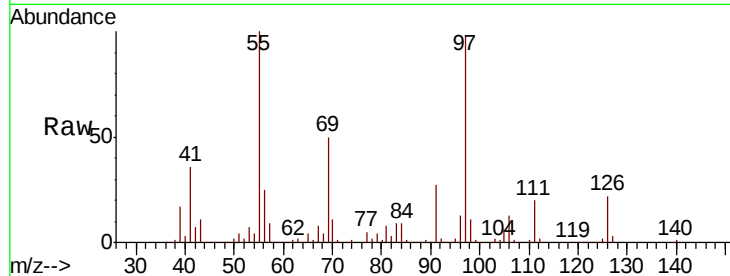




#68
m/p-Xvlenes
Concen: 13.71 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

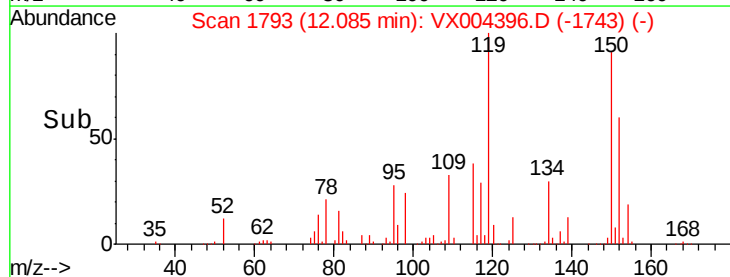
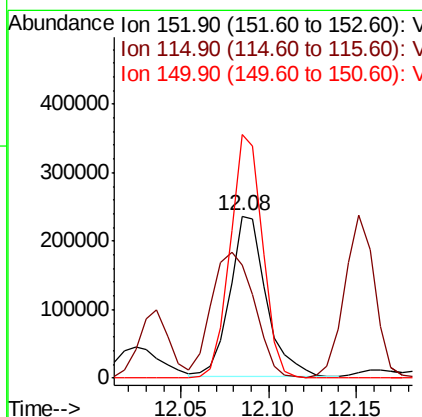
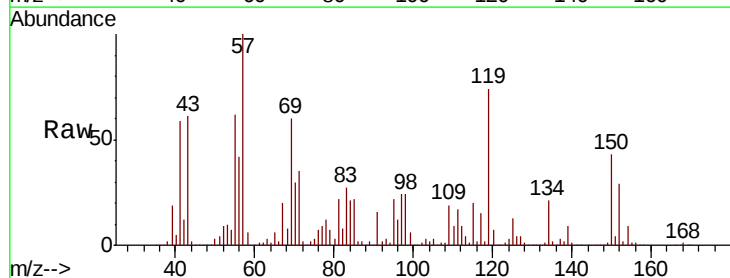
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MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

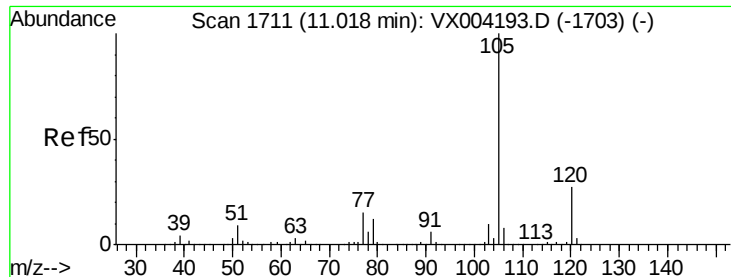
Tot Ion:106 Resp: 99829
Ion Ratio Lower Upper
106 100
91 222.6 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Tgt Ion:152 Resp: 338731
Ion Ratio Lower Upper
152 100
115 92.1 39.0 117.0
150 134.7 0.0 351.0





#73

Isopropylbenzene

Concen: 36.71 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

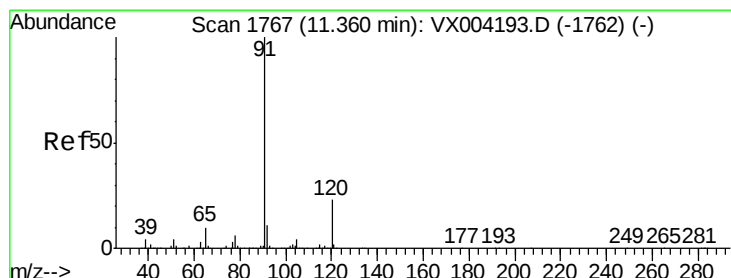
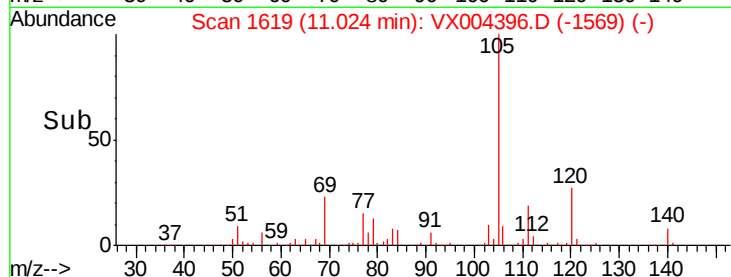
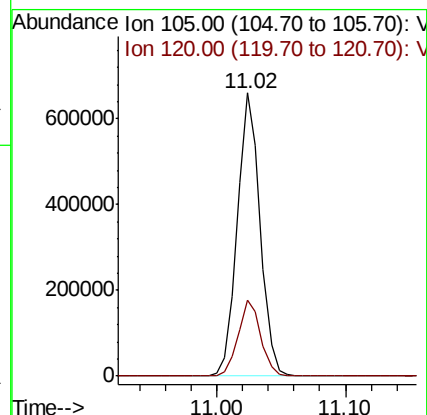
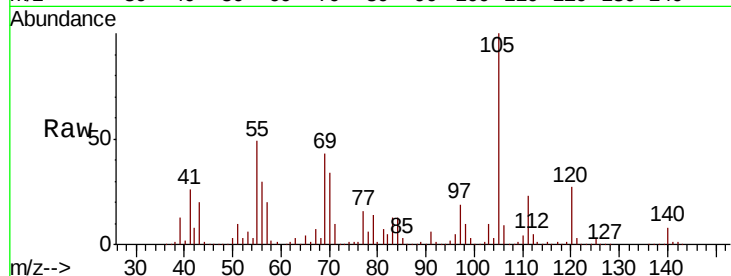
EP1-SUT-8USTS-E

Tot Ion:105 Resp: 816697

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#78

n-propylbenzene

Concen: 104.45 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004396.D

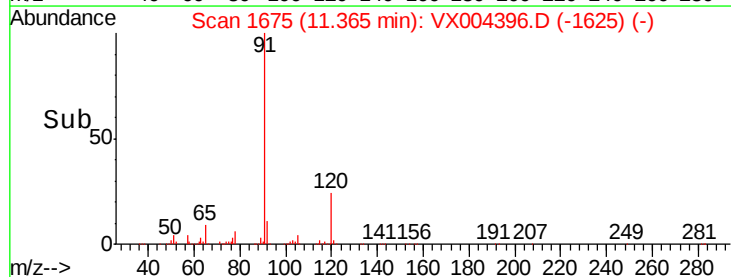
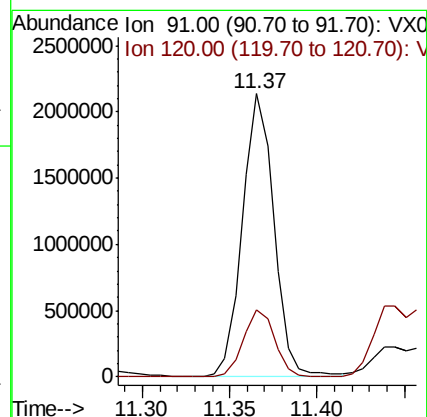
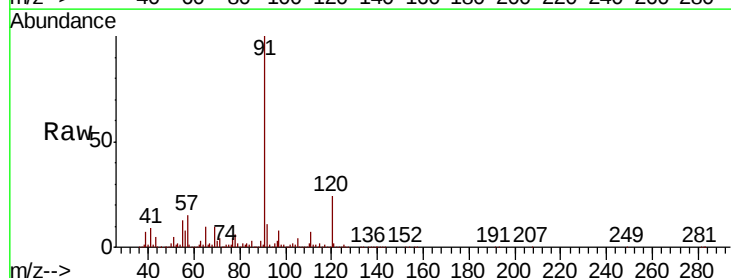
Acq: 06 Sep 2018 20:14

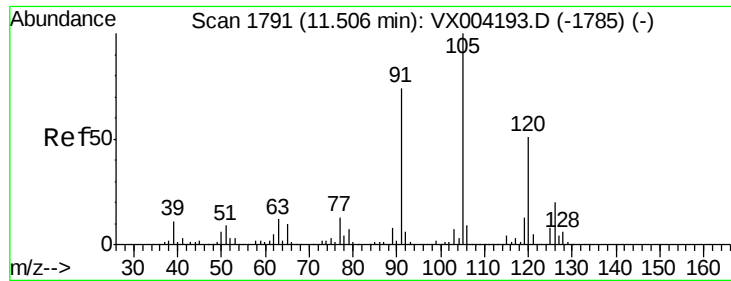
Tgt Ion: 91 Resp: 2672693

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9

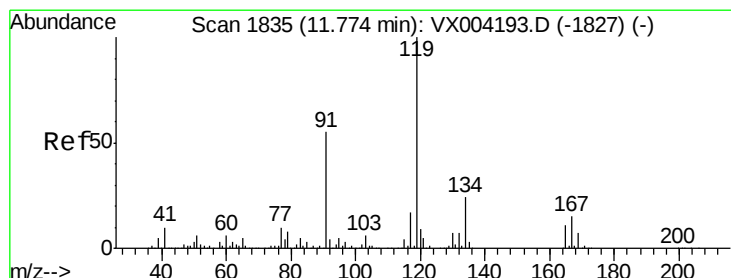
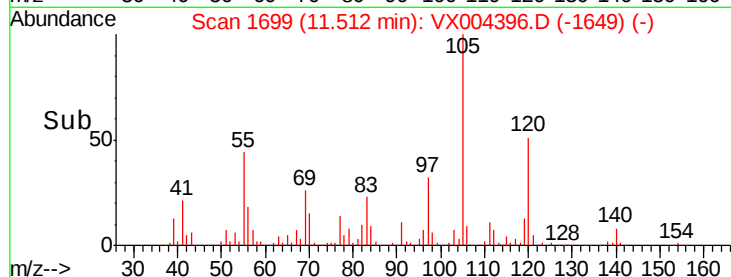
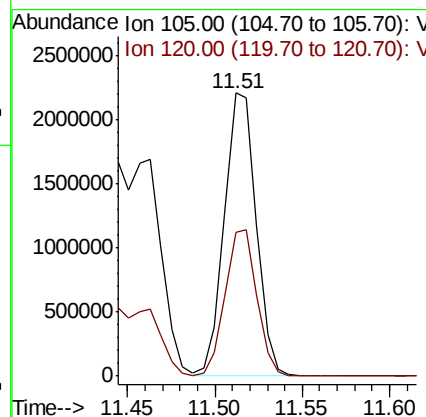
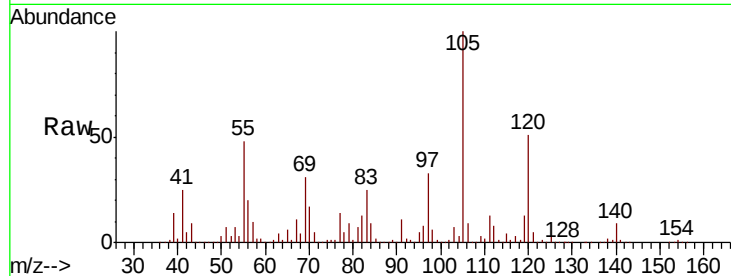




#80
 1,3,5-Trimethylbenzene
 Concen: 151.84 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

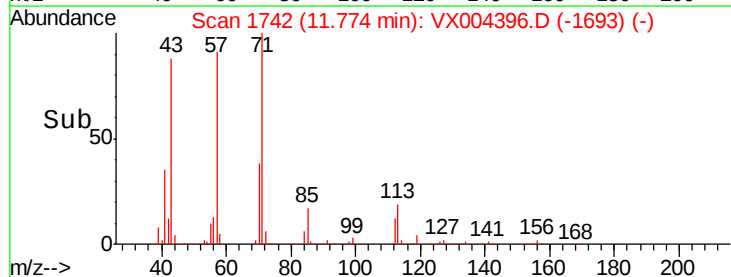
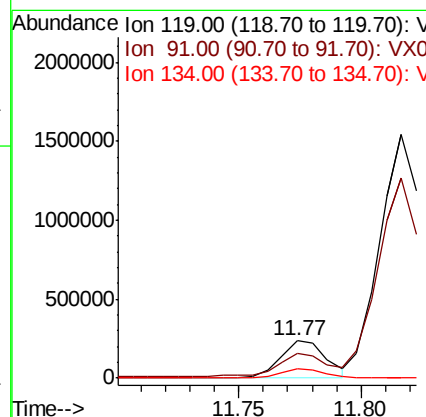
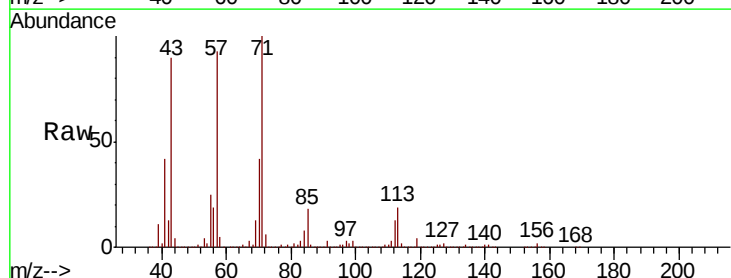
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 EP1-SUT-8USTS-E

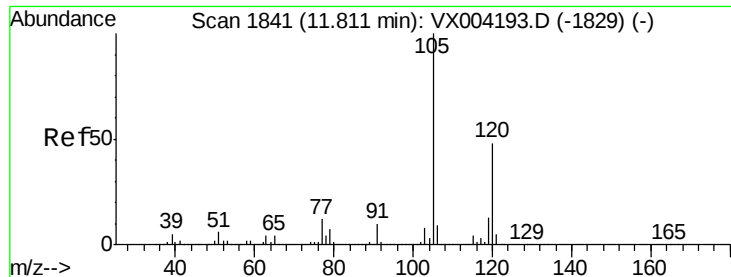
Tot Ion:105 Resp: 2797545
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.6 76.8



#83
 tert-Butylbenzene
 Concen: 16.59 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion:119 Resp: 307507
 Ion Ratio Lower Upper
 119 100
 91 68.9 27.0 81.0
 134 24.6 11.7 35.1

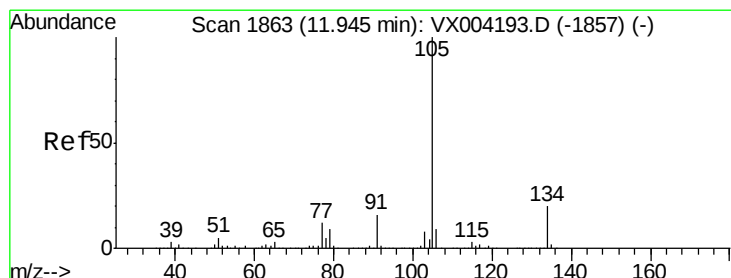
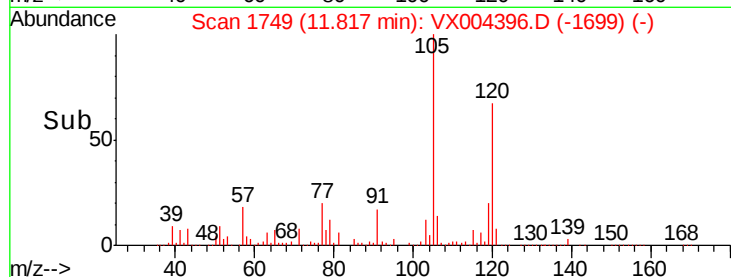
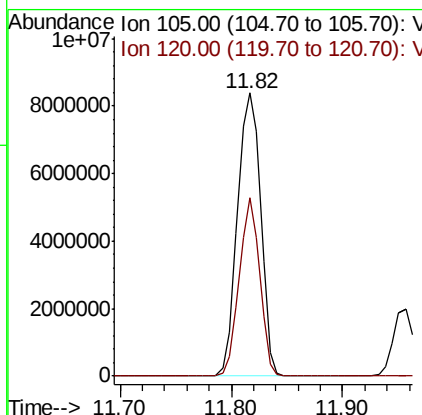
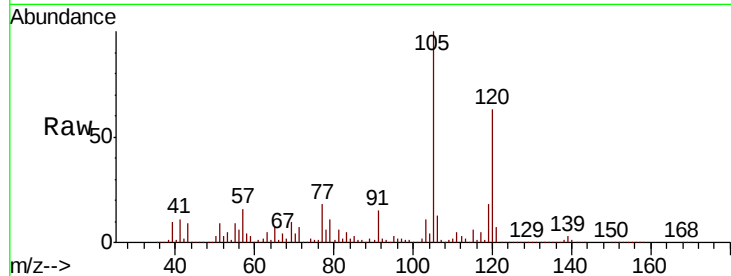




#84
 1,2,4-Trimethylbenzene
 Concen: 639.36 ug/l
 RT: 11.82 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

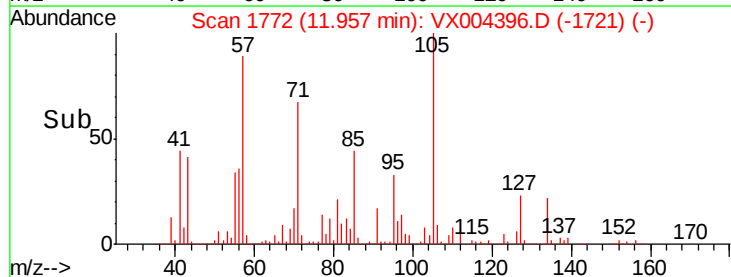
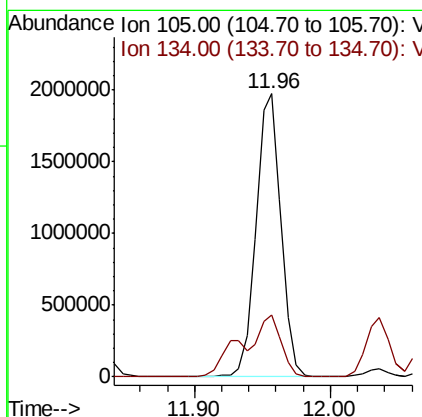
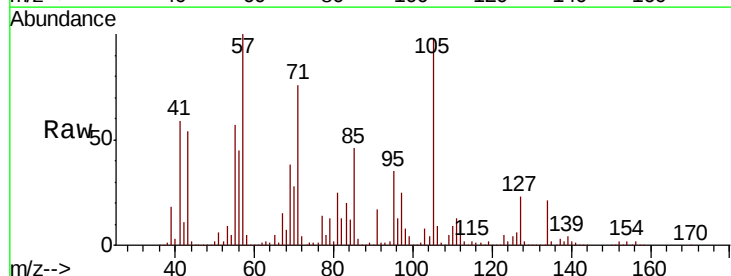
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

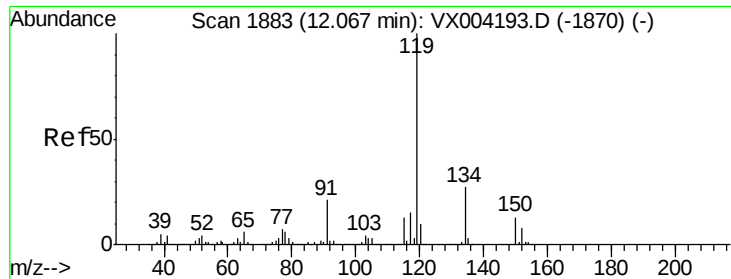
Tot Ion:105 Resp:12091595
 Ion Ratio Lower Upper
 105 100
 120 56.0 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 114.73 ug/l
 RT: 11.96 min Scan# 1772
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion:105 Resp: 2524885
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5

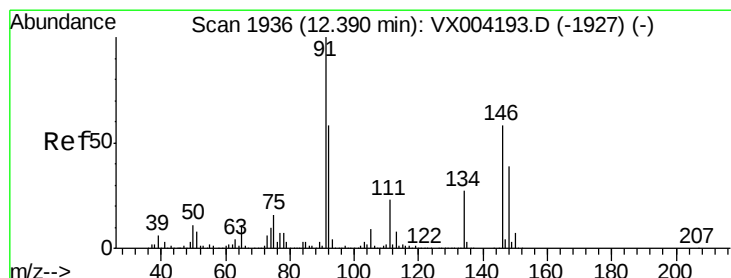
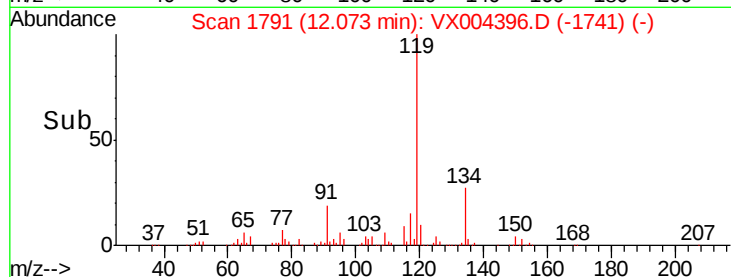
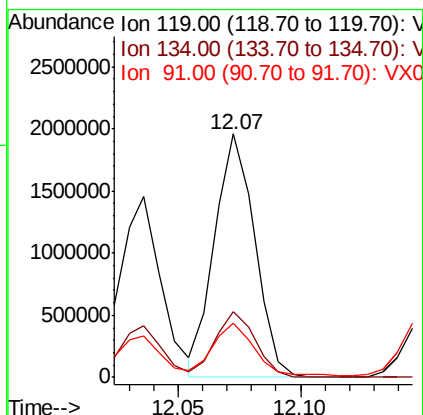
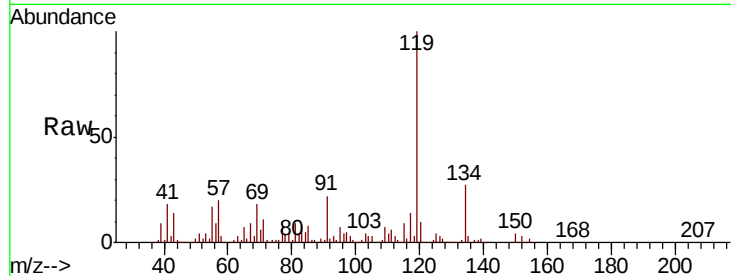




#86
 p-Isopropyltoluene
 Concen: 113.27 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

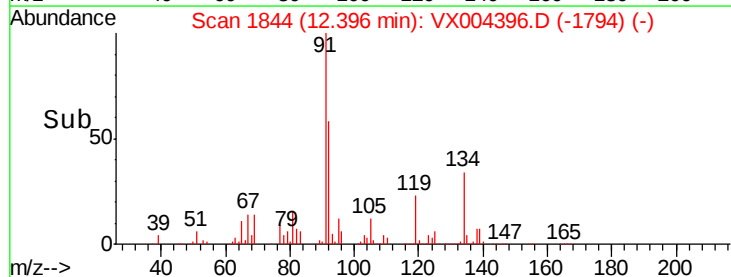
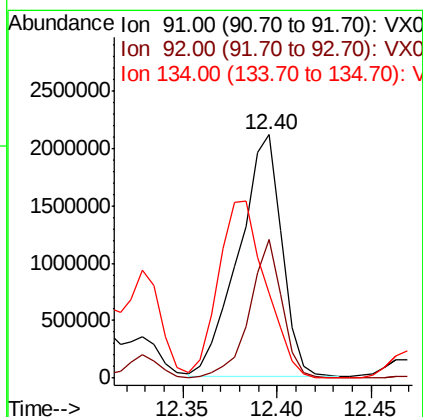
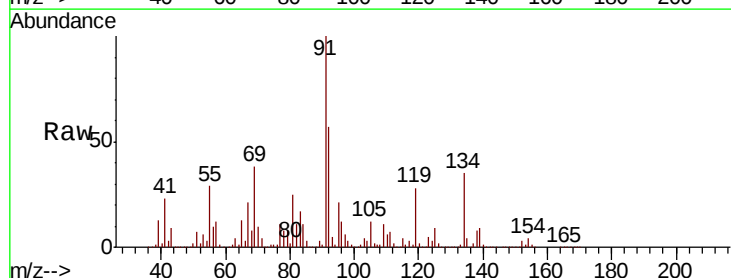
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

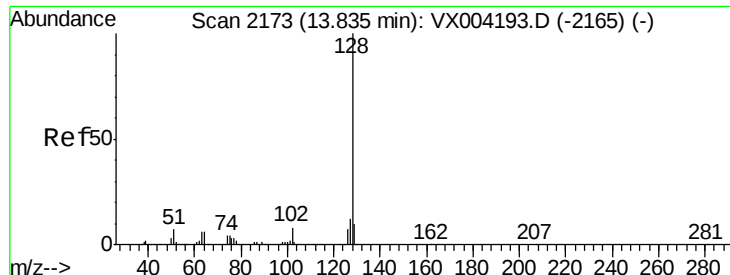
Tot Ion:119 Resp: 2234065
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 21.1 10.9 32.7



#89
 n-Butylbenzene
 Concen: 207.02 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion: 91 Resp: 3320073
 Ion Ratio Lower Upper
 91 100
 92 43.0 27.3 81.9
 134 80.7 13.6 40.7#





#95
Naphthalene
Concen: 90.65 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

Tot Ion:128 Resp: 2003412
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 12.0 8.6 12.8

