

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004536.D
 Acq On : 14 Sep 2018 13:34
 Operator : JC/MD
 Sample : J4724-18 50X
 Misc : 3.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 17 14:59:25 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	255379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205966	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	166506	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	152906	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	8.71	98	510716	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	202613	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	

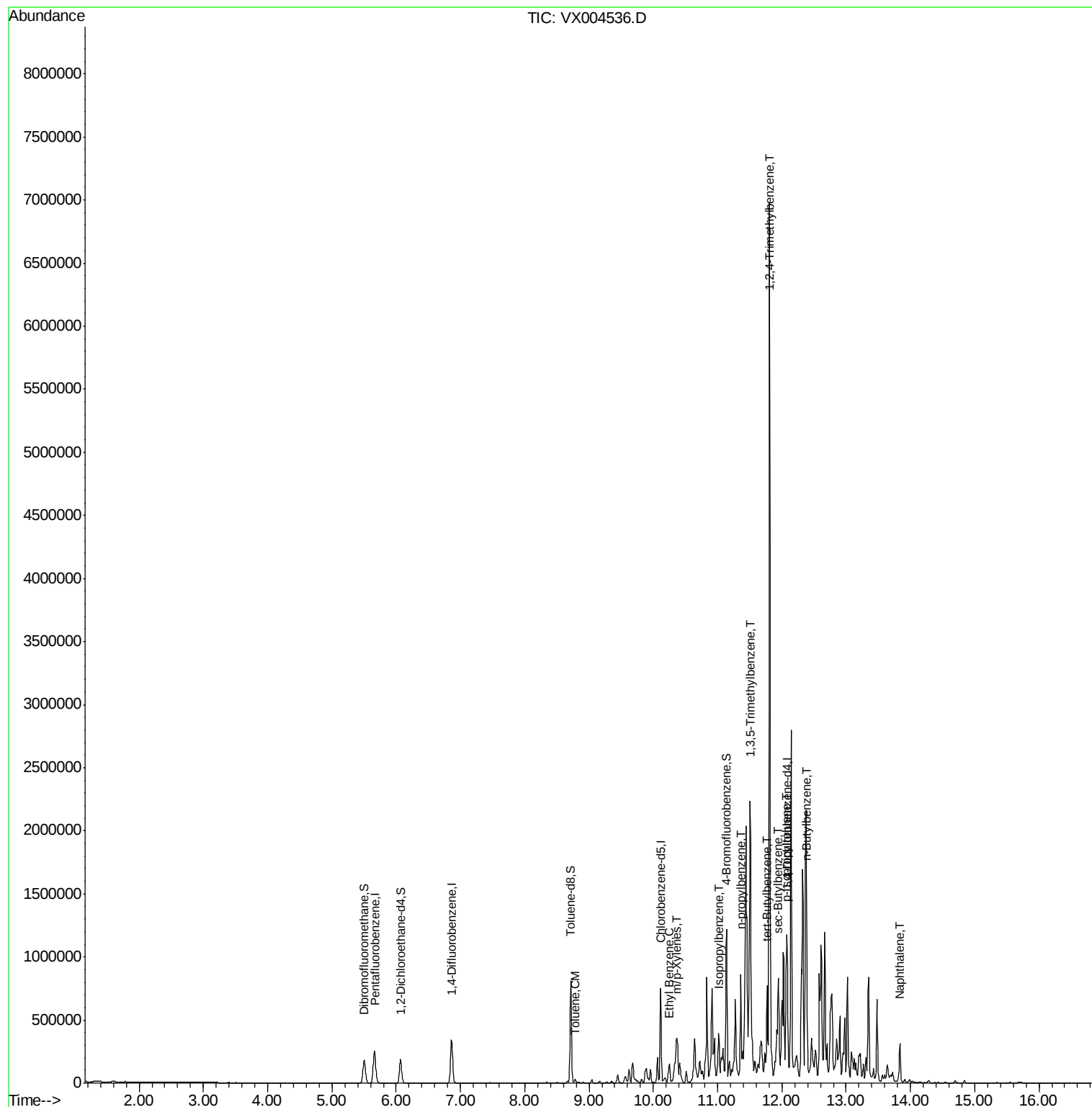
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Toluene	8.79	92	9548	1.27	ug/l	99
67) Ethyl Benzene	10.25	91	67401	4.70	ug/l	96
68) m/p-Xylenes	10.36	106	58444	10.57	ug/l	95
73) Isopropylbenzene	11.02	105	160376	11.82	ug/l	99
78) n-propylbenzene	11.36	91	470761	30.18	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	881776	77.33	ug/l	98
83) tert-Butylbenzene	11.77	119	37827	3.48	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	2891122	248.32	ug/l	99
85) sec-Butylbenzene	11.94	105	277861	20.08	ug/l	78
86) p-Isopropyltoluene	12.07	119	217103	17.77	ug/l	100
89) n-Butylbenzene	12.39	91	377262	33.89	ug/l #	46
95) Naphthalene	13.83	128	191304	13.61	ug/l	98

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

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Quant Time: Sep 17 14:59:25 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: VX004536.D

Acq: 14 Sep 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

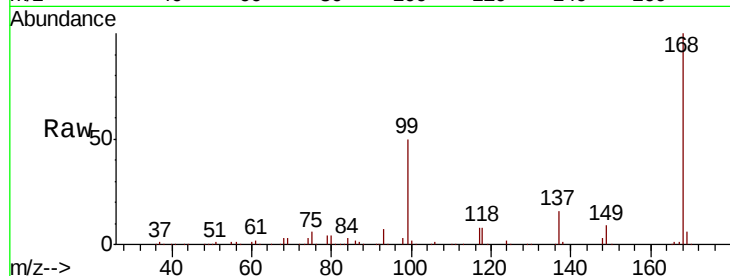
EP1-SUT-4USTS-SB

Tot Ion:168 Resp: 255379

Ion Ratio Lower Upper

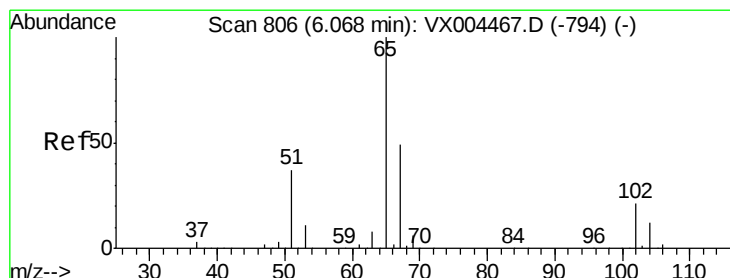
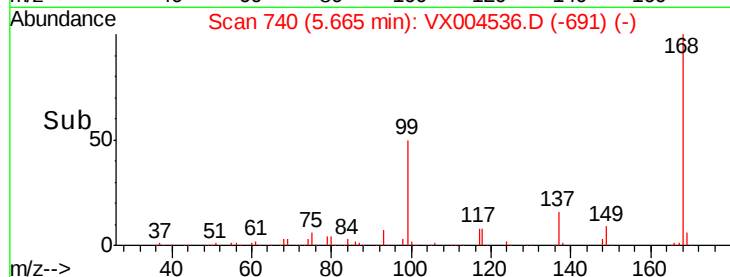
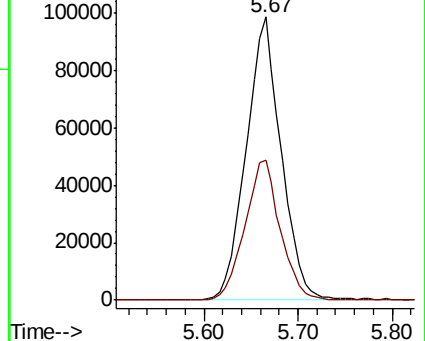
168 100

99 49.5 39.9 59.9



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: 50.57 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004536.D

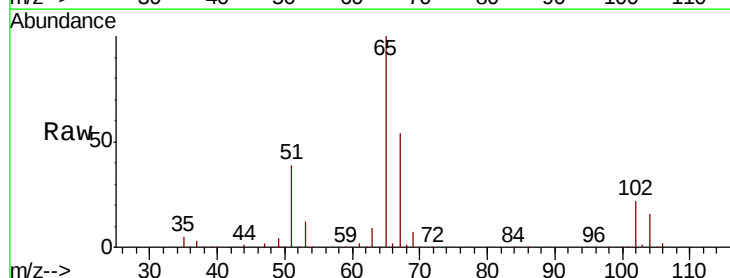
Acq: 14 Sep 2018 13:34

Tgt Ion: 65 Resp: 166506

Ion Ratio Lower Upper

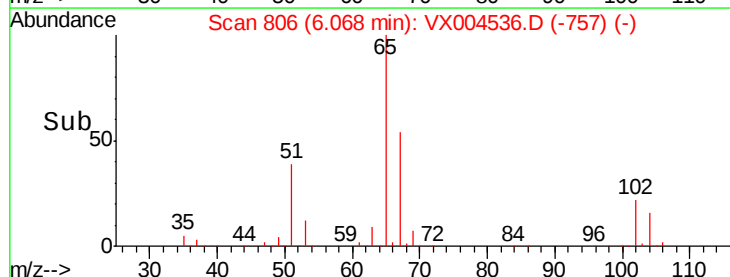
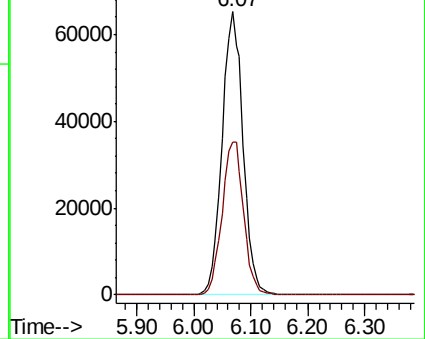
65 100

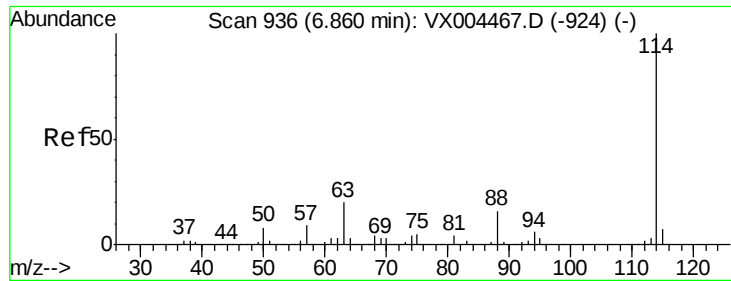
67 55.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

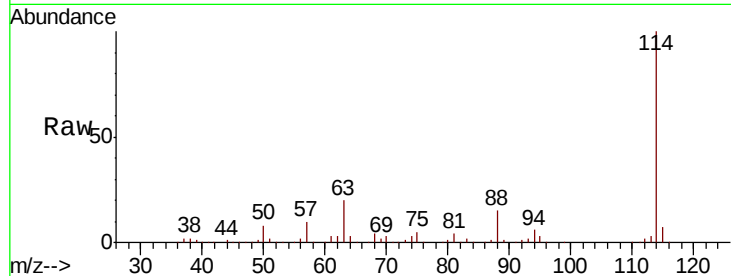




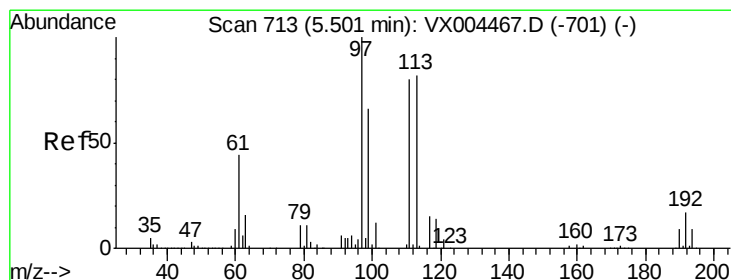
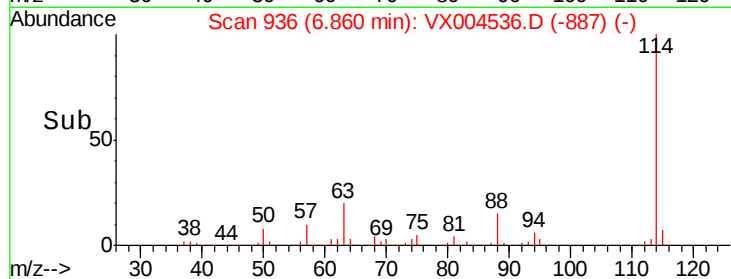
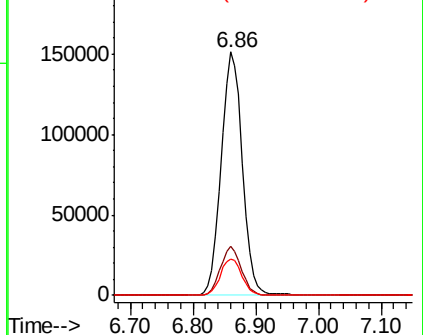
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004536.D
 Acq: 14 Sep 2018 13:34

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

Tot Ion:114 Resp: 354412
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.0 0.0 30.4

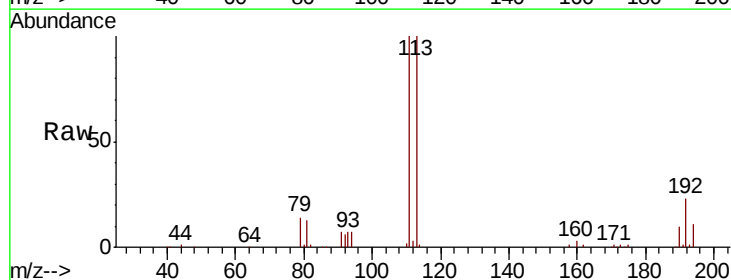


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

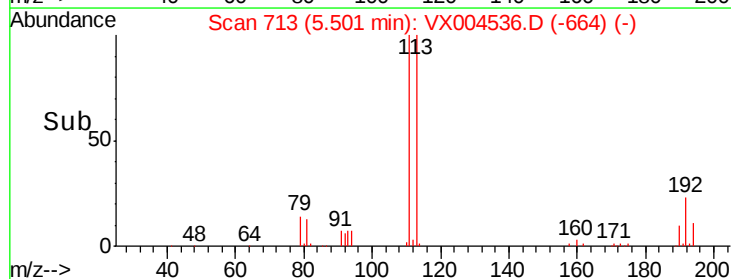
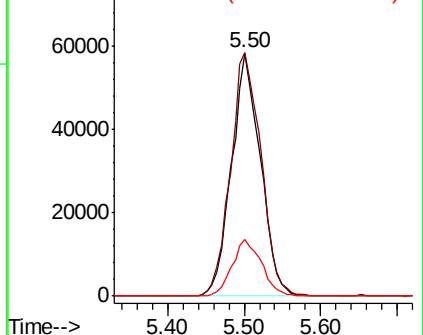


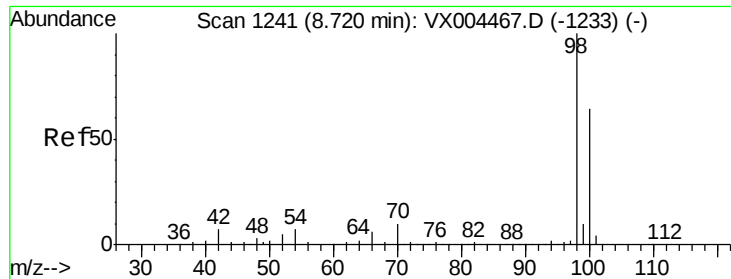
#35
 Dibromofluoromethane
 Concen: 47.15 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004536.D
 Acq: 14 Sep 2018 13:34

Tgt Ion:113 Resp: 152906
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.4 123.6
 192 23.8 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: 46.96 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004536.D

Acq: 14 Sep 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

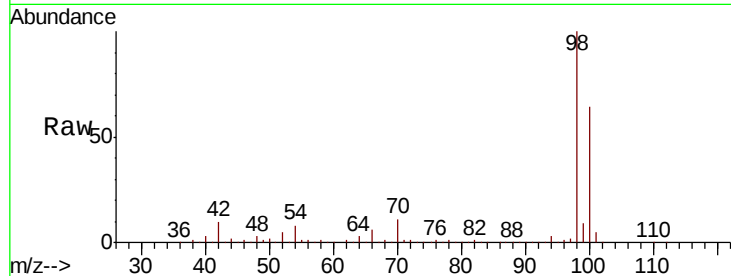
EP1-SUT-4USTS-SB

Tot Ion: 98 Resp: 510716

Ion Ratio Lower Upper

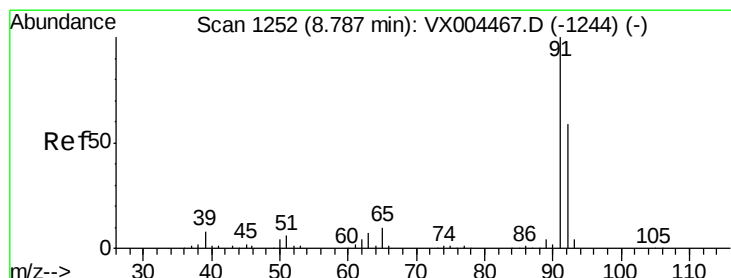
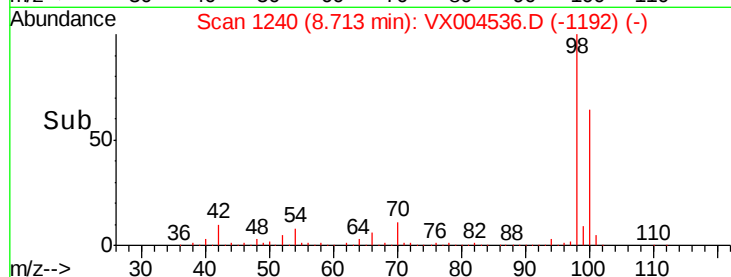
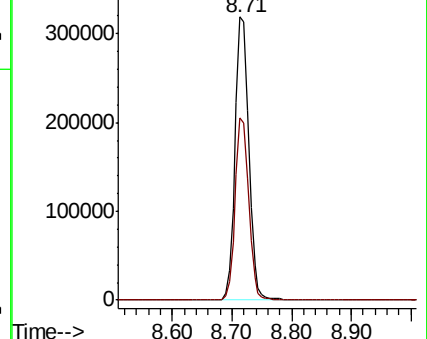
98 100

100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 1.27 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004536.D

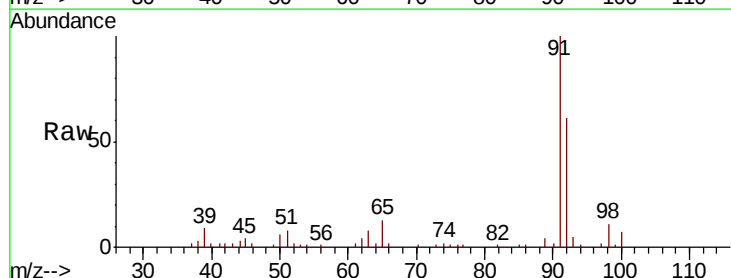
Acq: 14 Sep 2018 13:34

Tgt Ion: 92 Resp: 9548

Ion Ratio Lower Upper

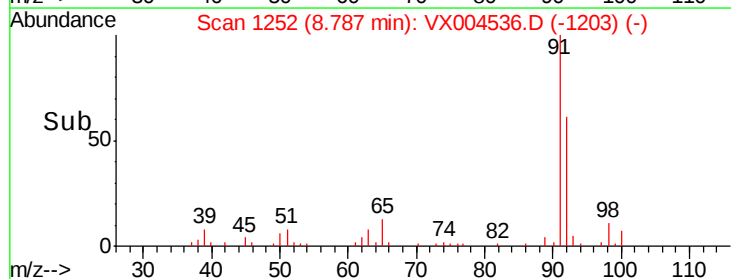
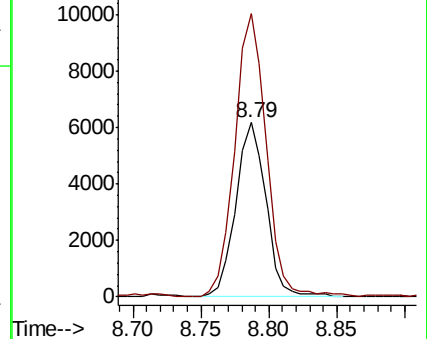
92 100

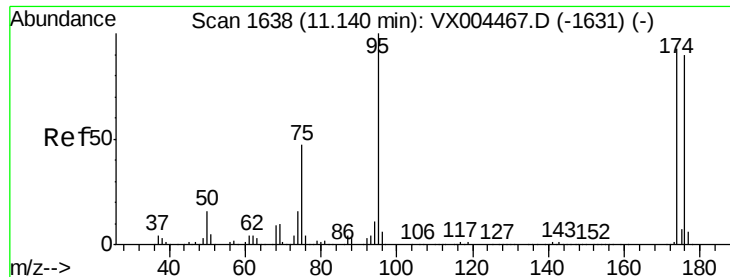
91 169.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.19 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004536.D

Acq: 14 Sep 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SB

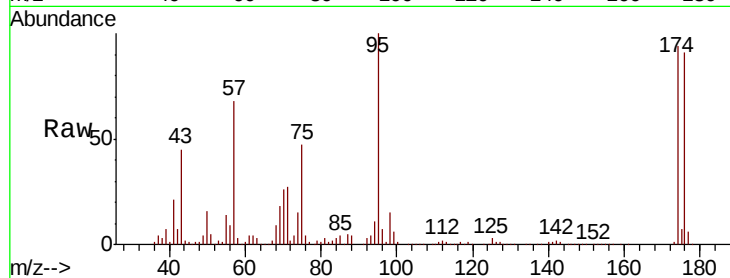
Tot Ion: 95 Resp: 202613

Ion Ratio Lower Upper

95 100

174 89.4 0.0 185.2

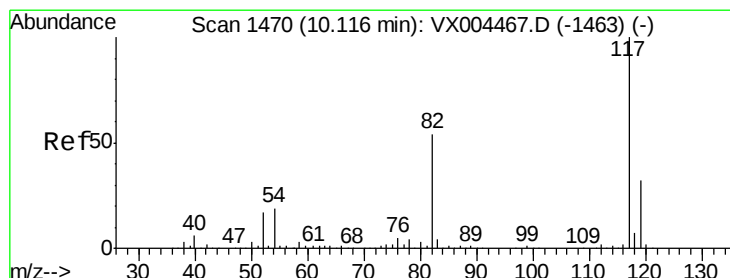
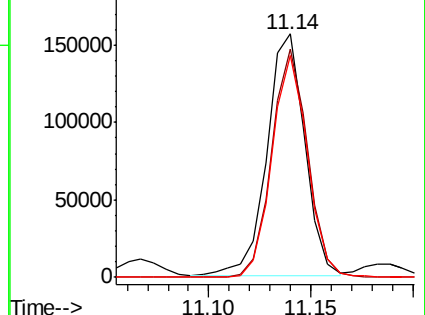
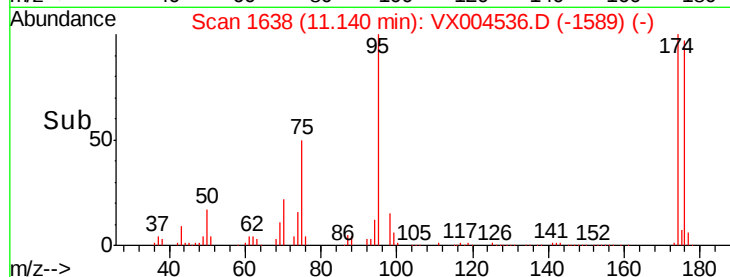
176 86.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004536.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX004536.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004536.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004536.D

Acq: 14 Sep 2018 13:34

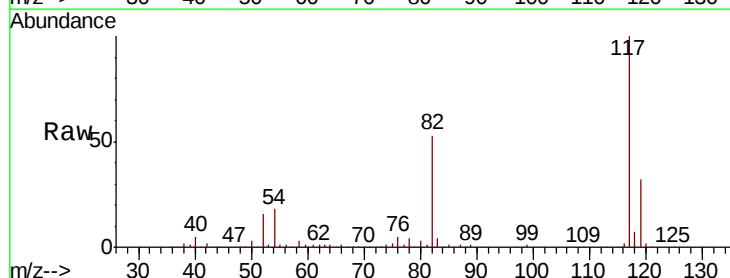
Tgt Ion: 117 Resp: 355241

Ion Ratio Lower Upper

117 100

82 52.4 47.8 71.6

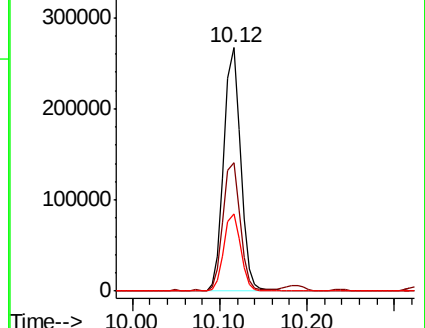
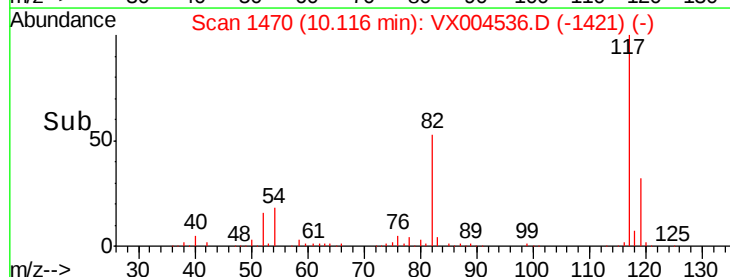
119 32.0 29.3 43.9

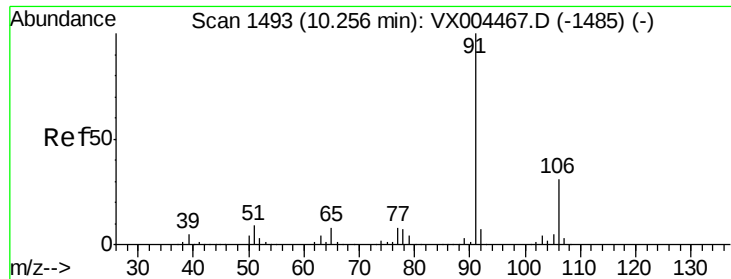


Abundance Ion 116.90 (116.60 to 117.60): VX004536.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004536.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004536.D (-1421) (-)

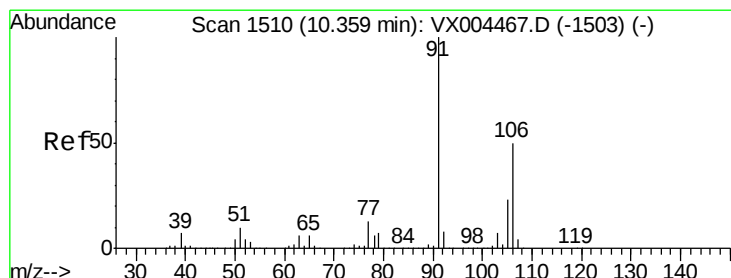
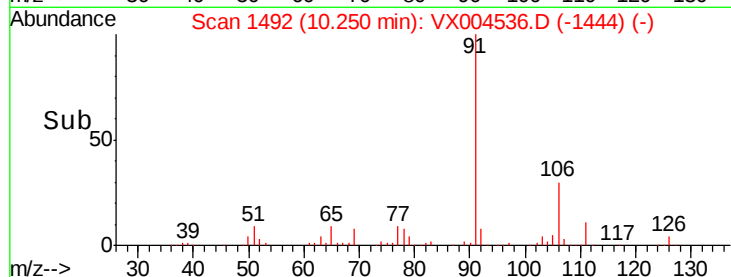
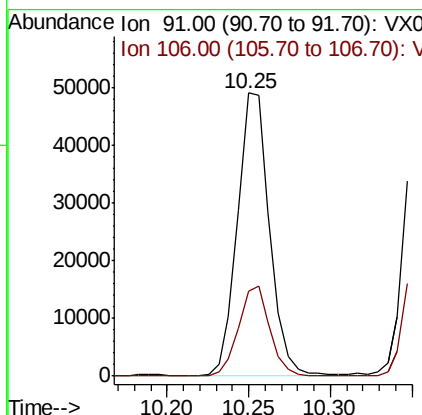
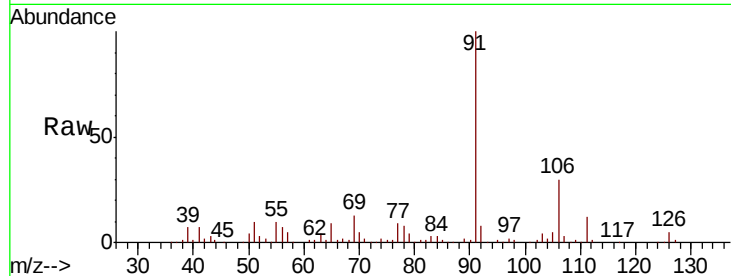




#67
Ethyl Benzene
Concen: 4.70 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004536.D
Acq: 14 Sep 2018 13:34

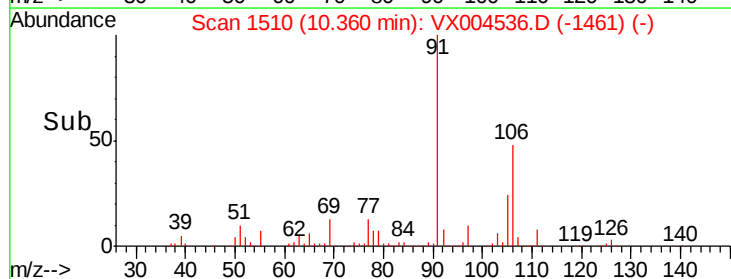
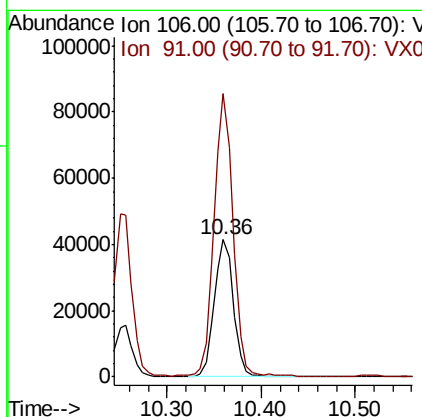
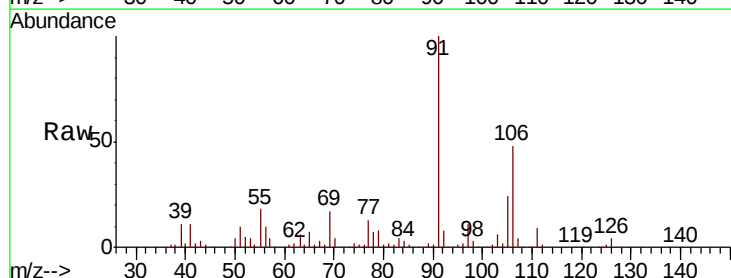
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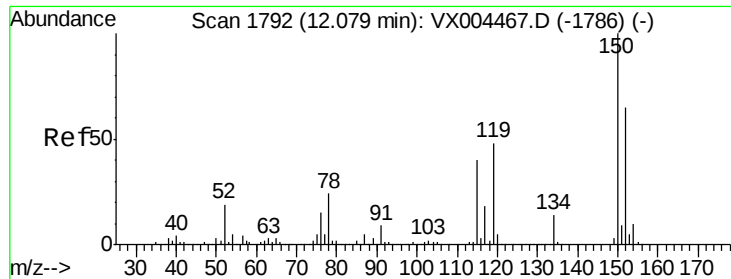
Tot Ion: 91 Resp: 67401
Ion Ratio Lower Upper
91 100
106 30.1 25.9 38.9



#68
m/p-Xylenes
Concen: 10.57 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004536.D
Acq: 14 Sep 2018 13:34

Tgt Ion: 106 Resp: 58444
Ion Ratio Lower Upper
106 100
91 204.6 157.1 235.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004536.D

Acq: 14 Sep 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SB

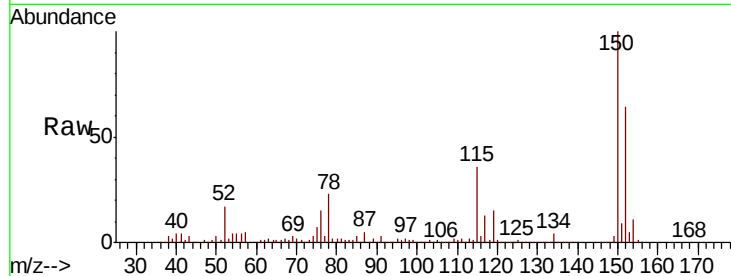
Tot Ion:152 Resp: 205966

Ion Ratio Lower Upper

152 100

115 61.2 39.0 117.0

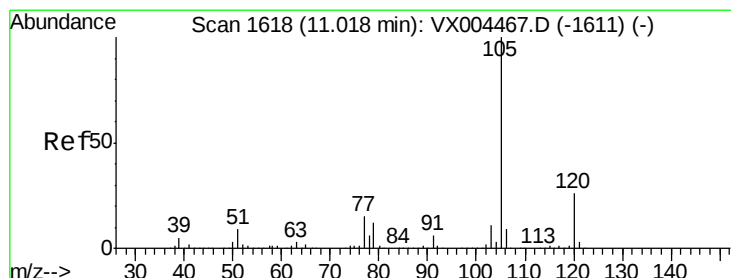
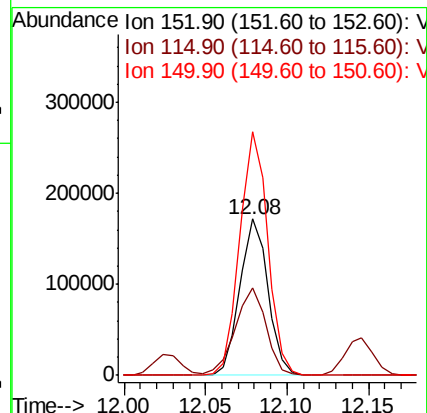
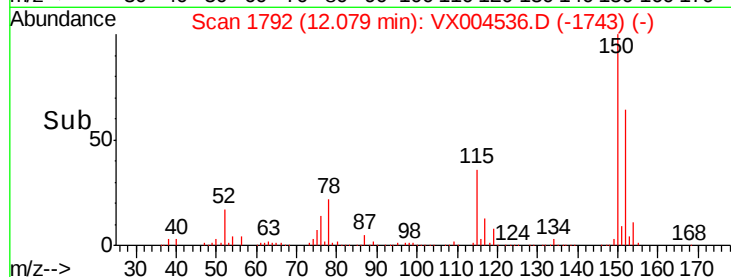
150 155.6 0.0 351.0



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: 11.82 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004536.D

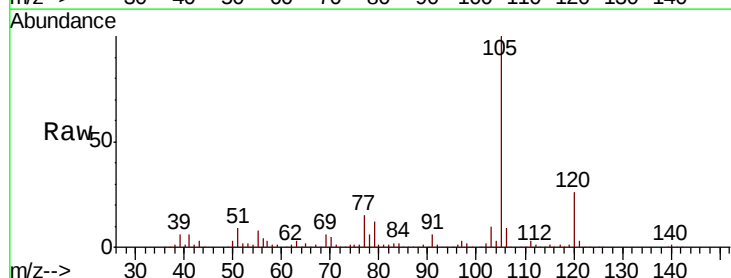
Acq: 14 Sep 2018 13:34

Tgt Ion:105 Resp: 160376

Ion Ratio Lower Upper

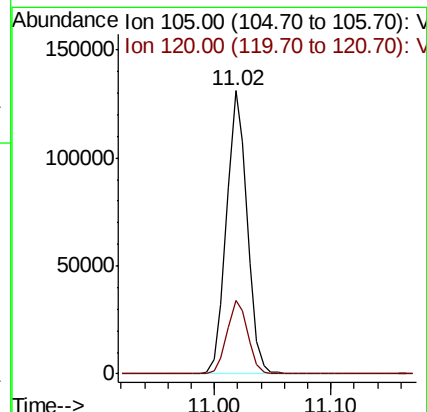
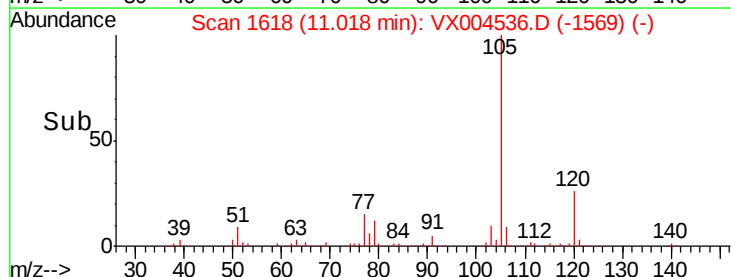
105 100

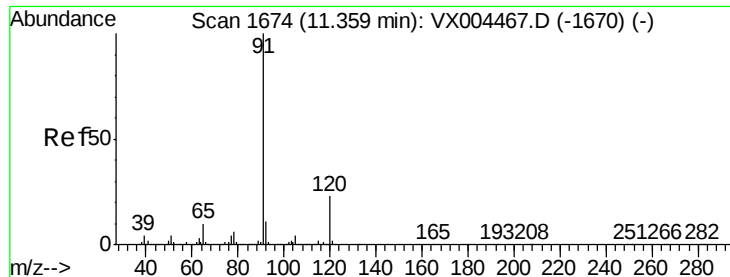
120 26.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 30.18 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004536.D

Acq: 14 Sep 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

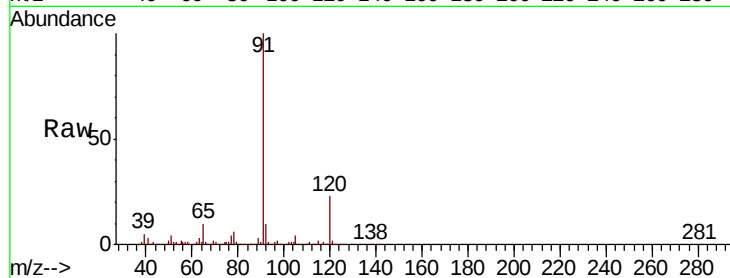
EP1-SUT-4USTS-SB

Tot Ion: 91 Resp: 470761

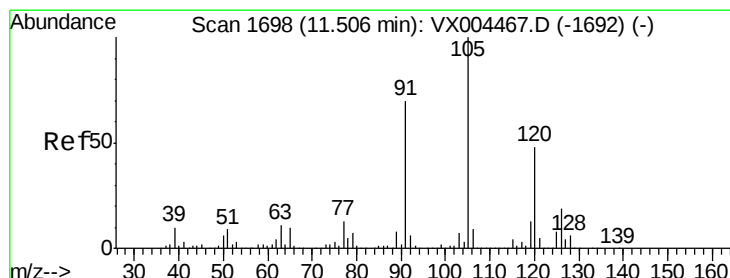
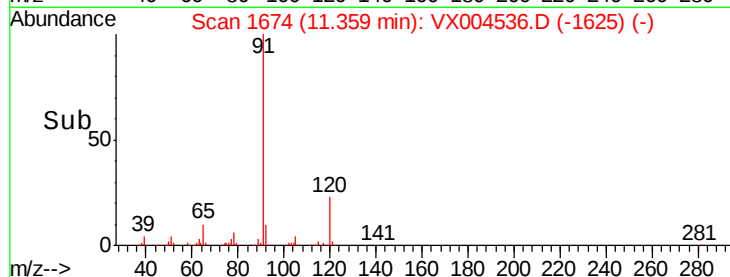
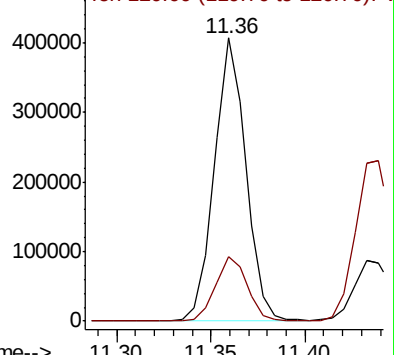
Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1670) (-)



#80

1,3,5-Trimethylbenzene

Concen: 77.33 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004536.D

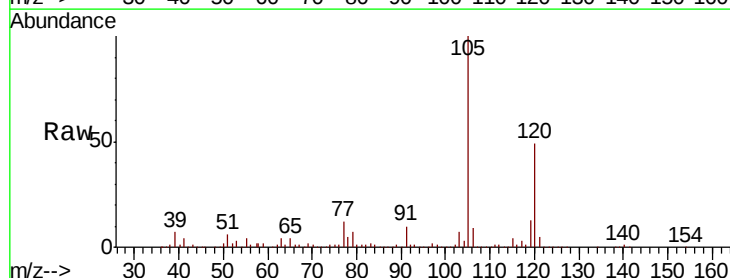
Acq: 14 Sep 2018 13:34

Tgt Ion: 105 Resp: 881776

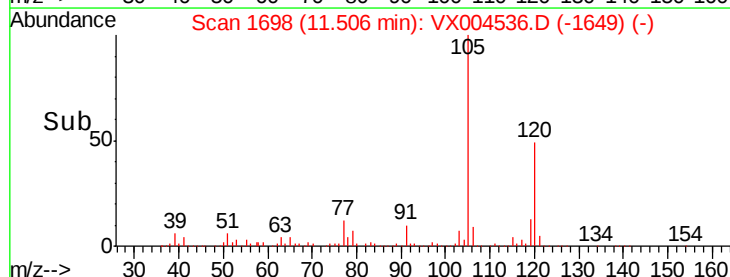
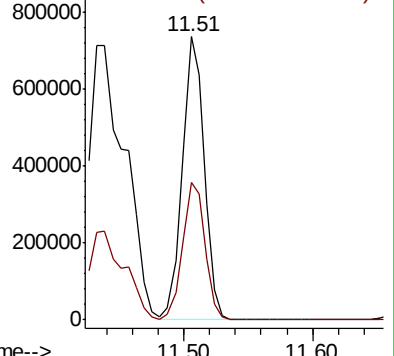
Ion Ratio Lower Upper

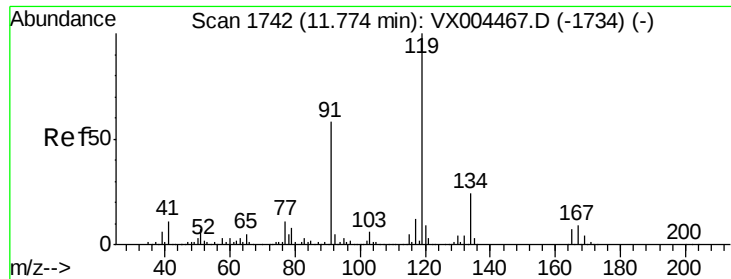
105 100

120 49.6 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004467.D (-1692) (-)

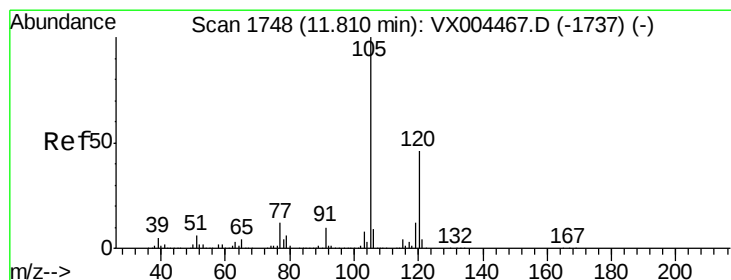
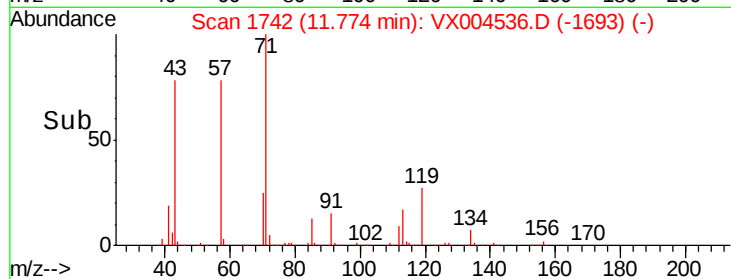
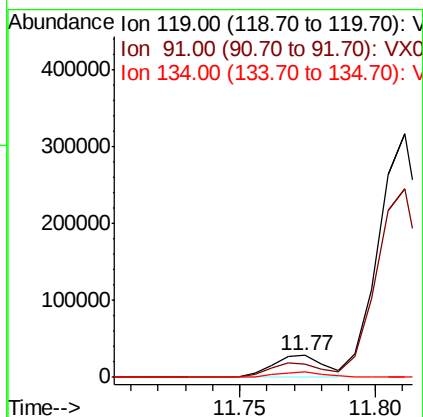
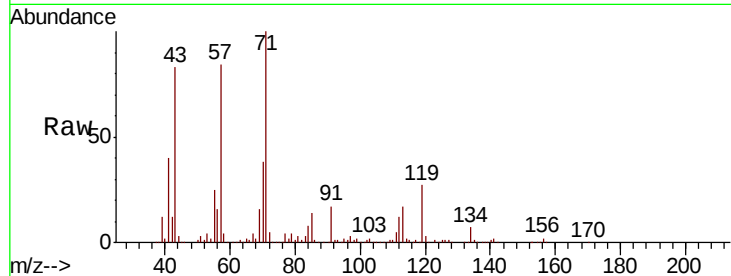




#83
tert-Butylbenzene
Concen: 3.48 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004536.D
Acq: 14 Sep 2018 13:34

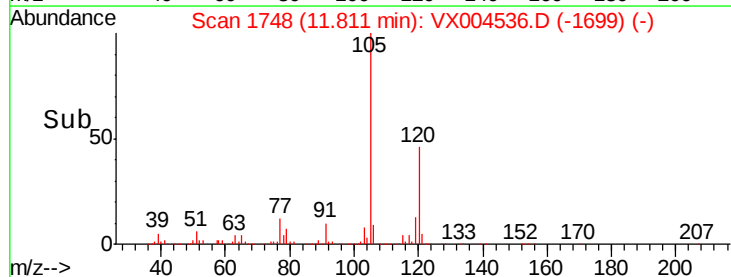
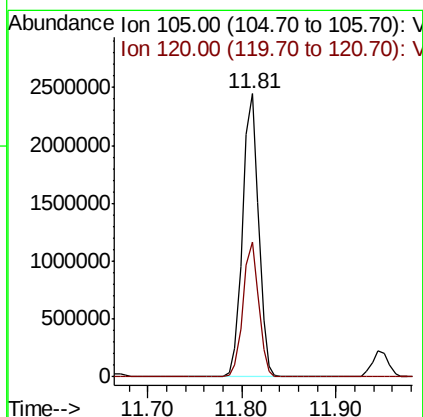
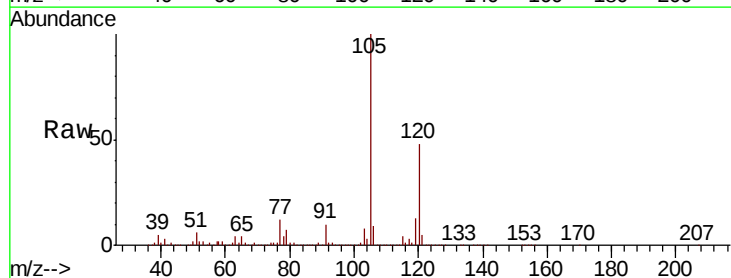
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SB

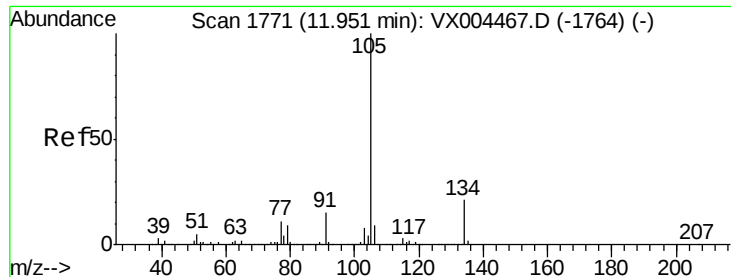
Tot Ion:119 Resp: 37827
Ion Ratio Lower Upper
119 100
91 67.2 27.0 81.0
134 23.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 248.32 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004536.D
Acq: 14 Sep 2018 13:34

Tgt Ion:105 Resp: 2891122
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6

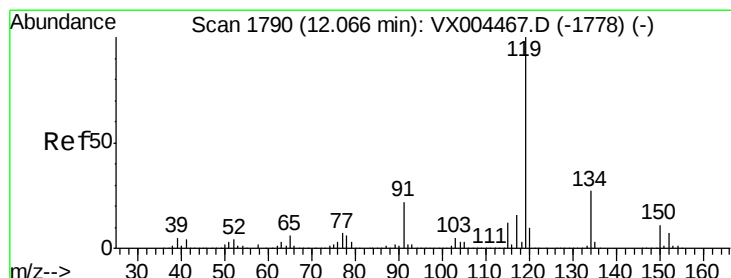
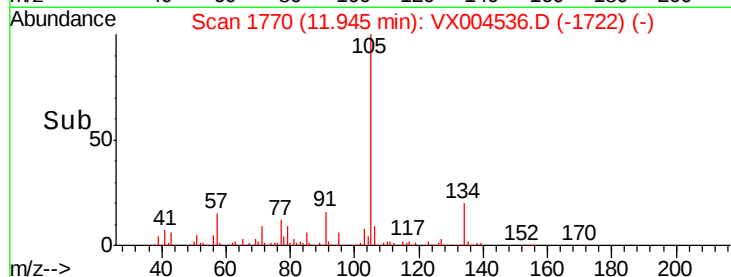
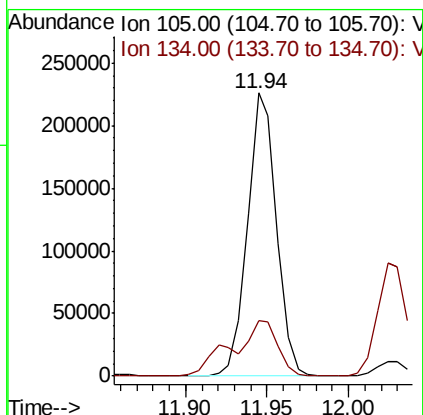
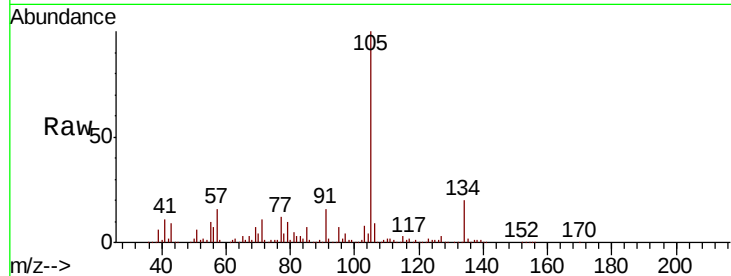




#85
 sec-Butylbenzene
 Concen: 20.08 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004536.D
 Acq: 14 Sep 2018 13:34

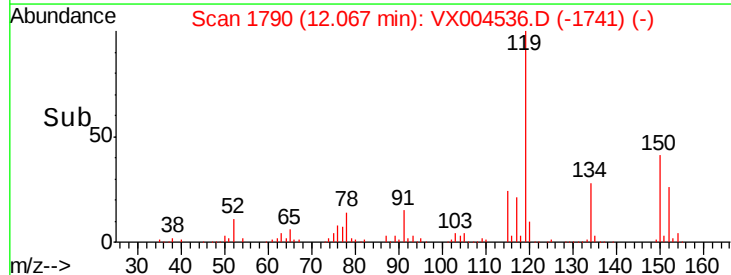
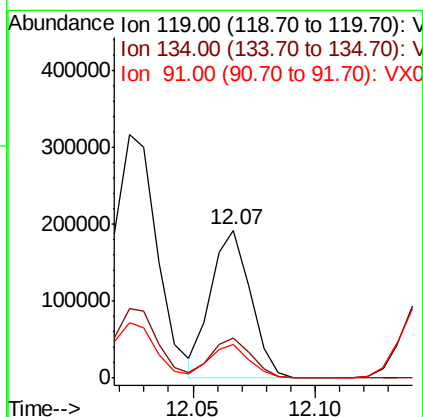
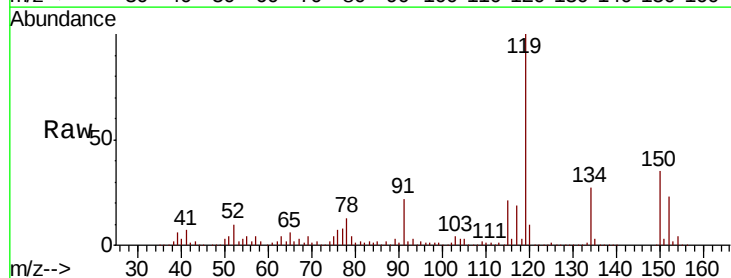
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SB

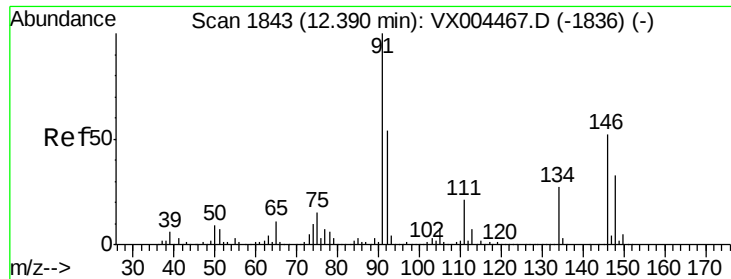
Tot Ion:105 Resp: 277861
 Ion Ratio Lower Upper
 105 100
 134 31.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 17.77 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004536.D
 Acq: 14 Sep 2018 13:34

Tgt Ion:119 Resp: 217103
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.1 10.9 32.7





#89

n-Butylbenzene

Concen: 33.89 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004536.D

Acq: 14 Sep 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SB

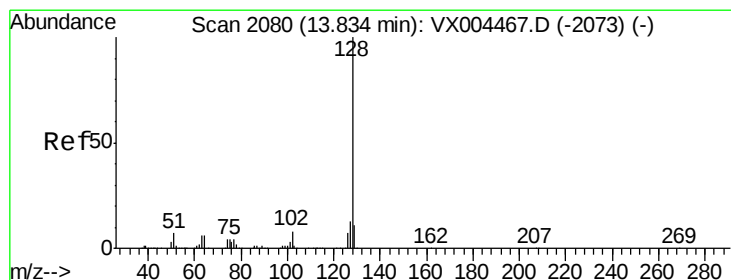
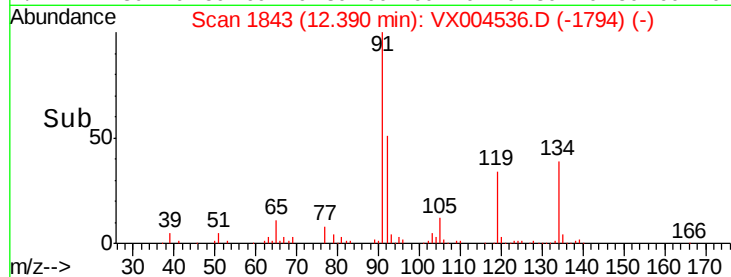
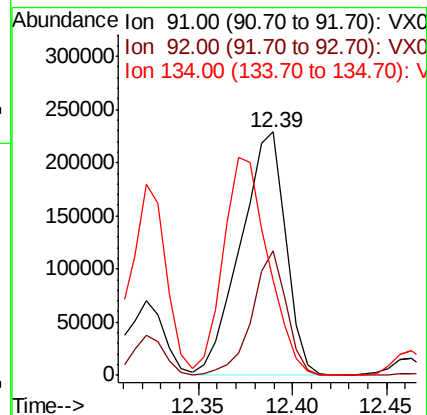
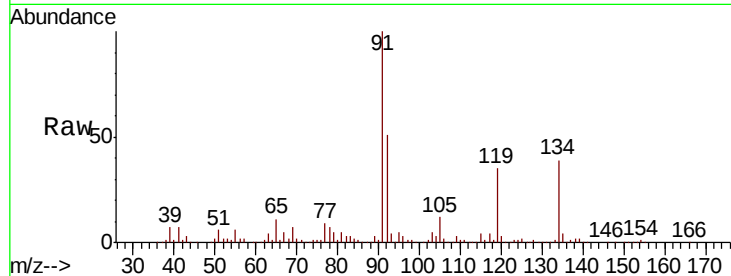
Tot Ion: 91 Resp: 377262

Ion Ratio Lower Upper

91 100

92 39.3 27.3 81.9

134 89.2 13.6 40.7#



#95

Naphthalene

Concen: 13.61 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004536.D

Acq: 14 Sep 2018 13:34

Tgt Ion: 128 Resp: 191304

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.5 8.6 12.8

