

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004541.D
 Acq On : 14 Sep 2018 15:47
 Operator : JC/MD
 Sample : J4724-18DL 200X
 Misc : 3.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 15 05:25:45 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	255261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204540	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	170449	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	5.51	113	152811	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
50) Toluene-d8	8.72	98	514885	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	194656	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	

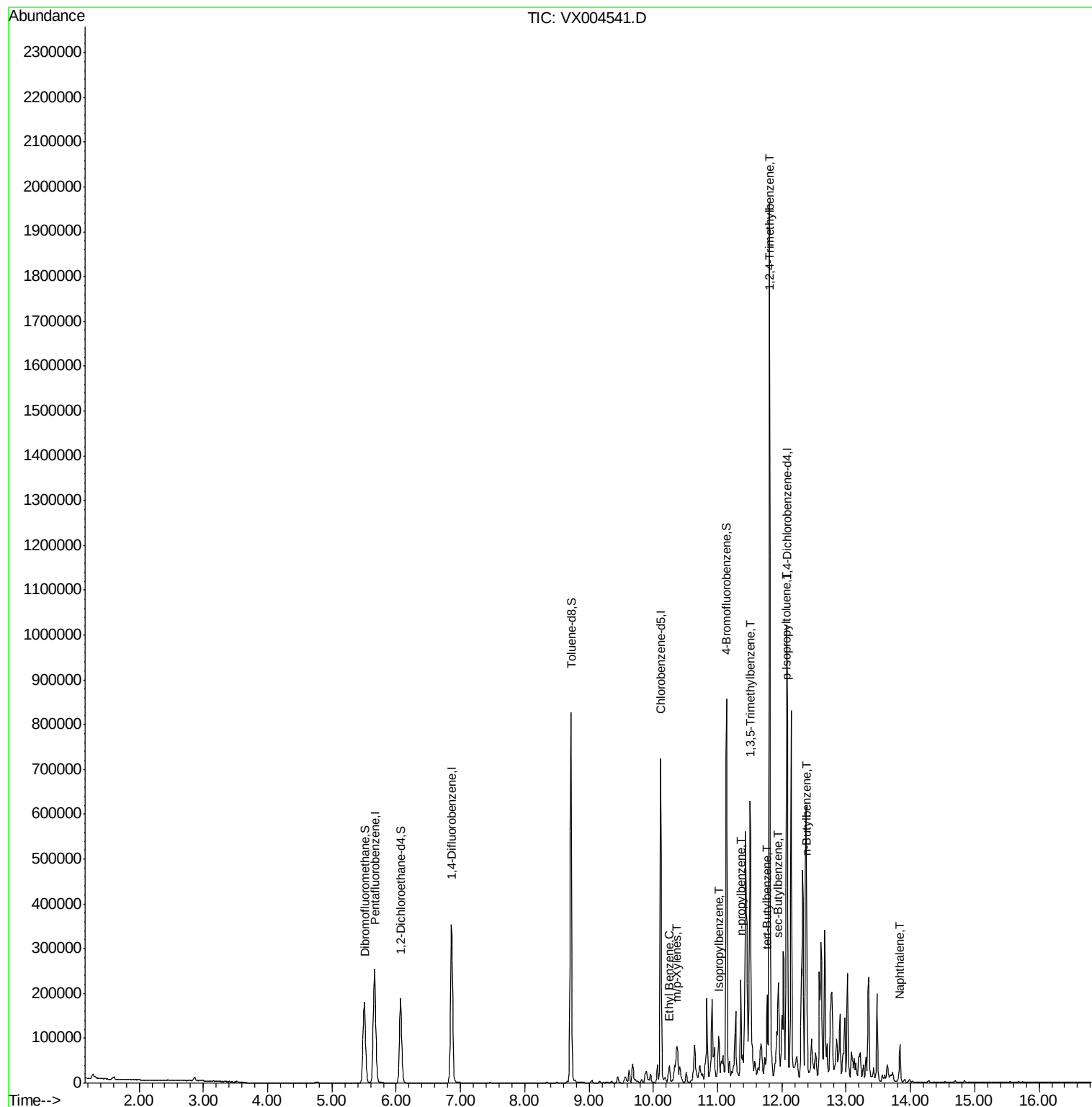
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.25	91	15513	1.11	ug/l	95
68) m/p-Xylenes	10.36	106	10580	1.96	ug/l	92
73) Isopropylbenzene	11.02	105	44724	3.32	ug/l	98
78) n-propylbenzene	11.36	91	129498	8.36	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	253168	22.36	ug/l	97
83) tert-Butylbenzene	11.77	119	11058	1.03	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	844213	73.02	ug/l	100
85) sec-Butylbenzene	11.94	105	80810	5.88	ug/l	78
86) p-Isopropyltoluene	12.07	119	62847	5.18	ug/l	99
89) n-Butylbenzene	12.39	91	108858	9.85	ug/l #	46
95) Naphthalene	13.83	128	52853	3.78	ug/l	97

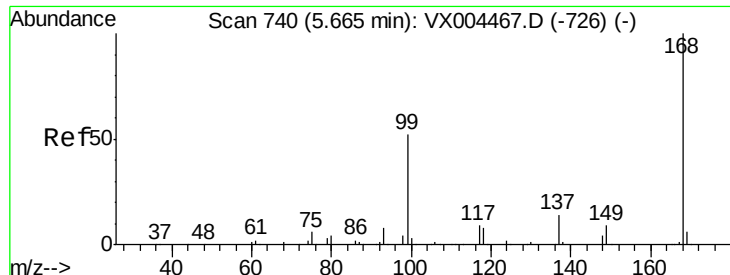
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
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Quant Time: Sep 15 05:25:45 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: VX004541.D

Acq: 14 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

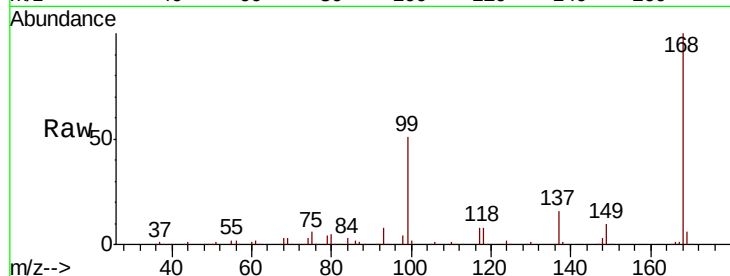
EP1-SUT-4USTS-SBDL

Tot Ion:168 Resp: 255261

Ion Ratio Lower Upper

168 100

99 50.6 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

100000

80000

60000

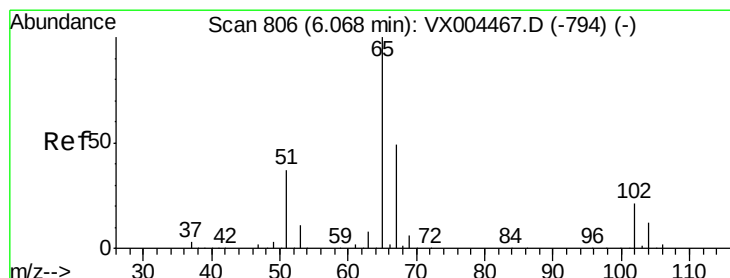
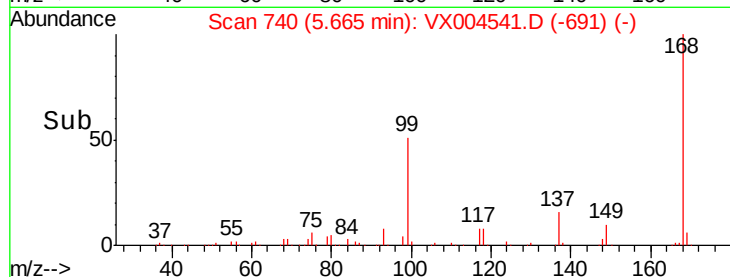
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.79 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004541.D

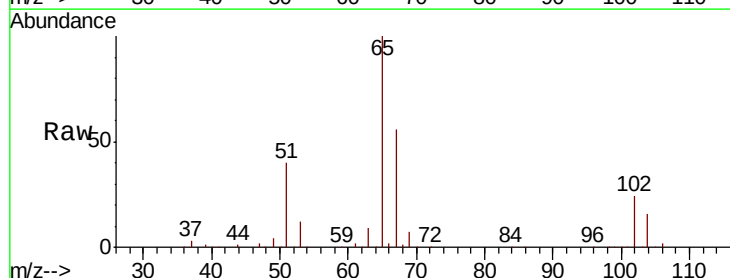
Acq: 14 Sep 2018 15:47

Tgt Ion: 65 Resp: 170449

Ion Ratio Lower Upper

65 100

67 54.2 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

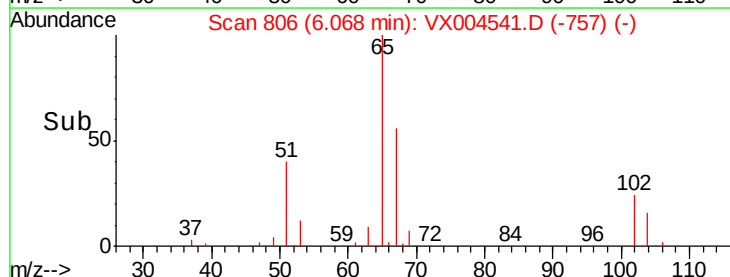
40000

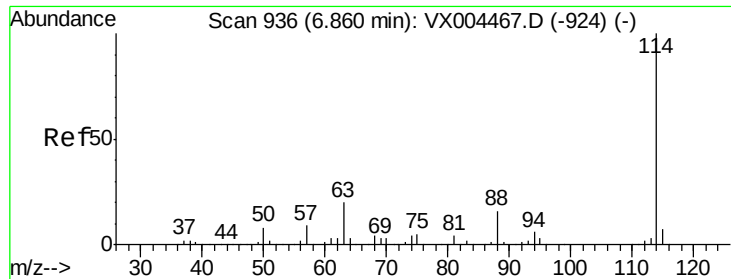
20000

0

Time-->

5.90 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: VX004541.D

Acq: 14 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

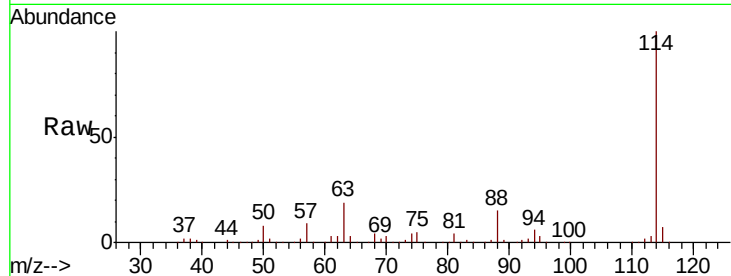
Tot Ion:114 Resp: 359263

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

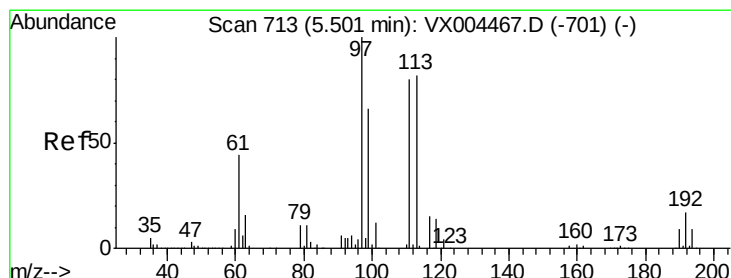
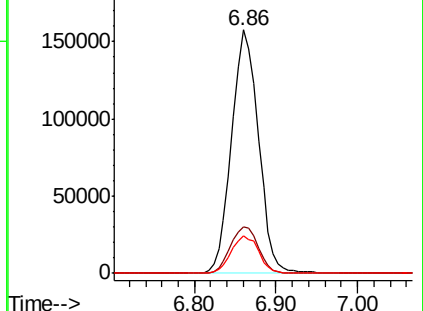
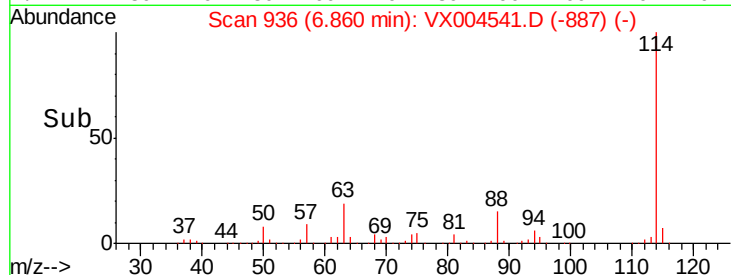
88 15.3 0.0 30.4



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: 46.48 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004541.D

Acq: 14 Sep 2018 15:47

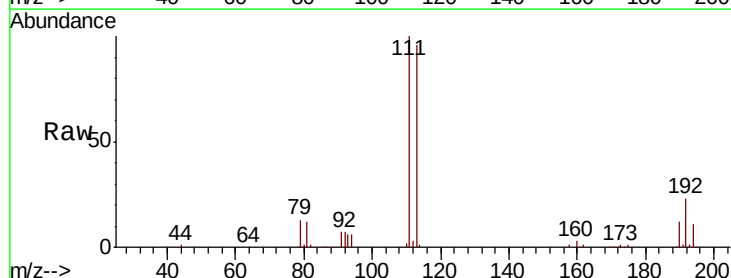
Tgt Ion:113 Resp: 152811

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

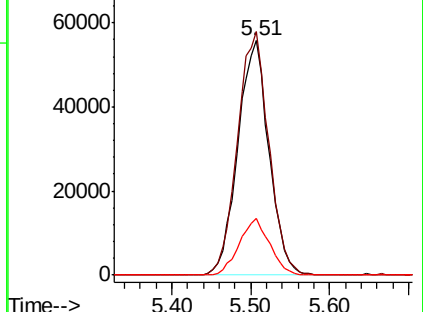
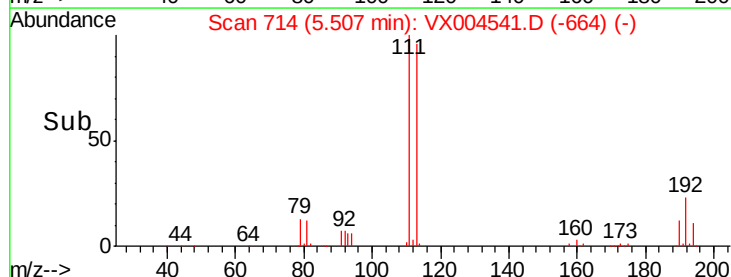
192 23.7 19.4 29.2

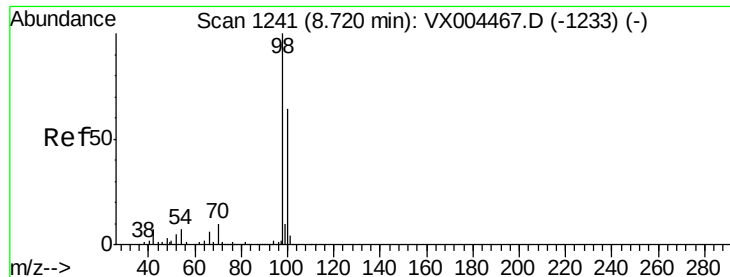


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.70 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004541.D

Acq: 14 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

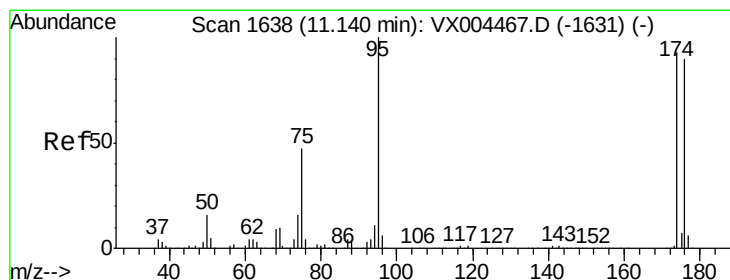
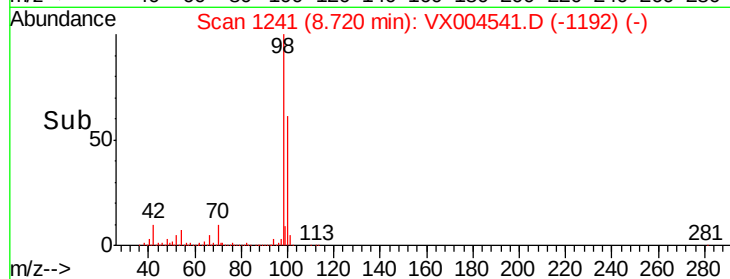
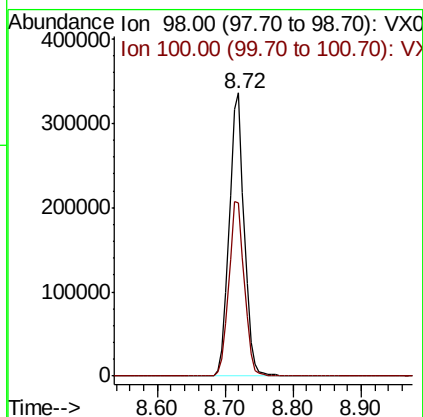
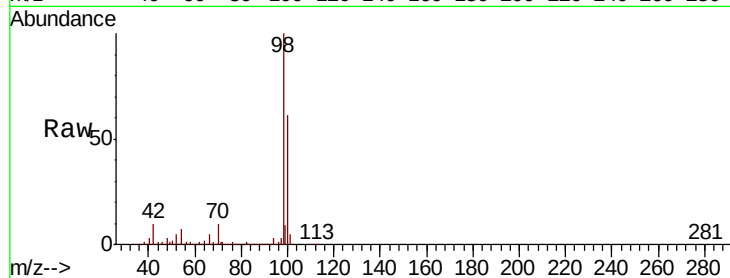
EP1-SUT-4USTS-SBDL

Tot Ion: 98 Resp: 514885

Ion Ratio Lower Upper

98 100

100 63.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 49.46 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004541.D

Acq: 14 Sep 2018 15:47

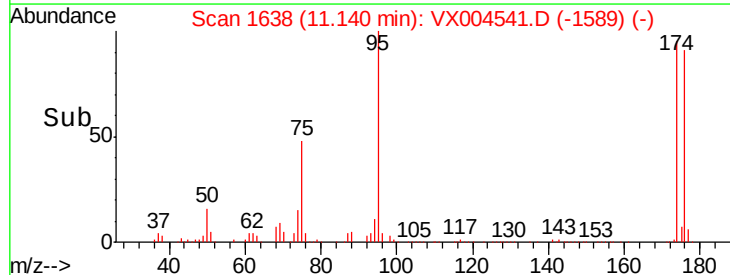
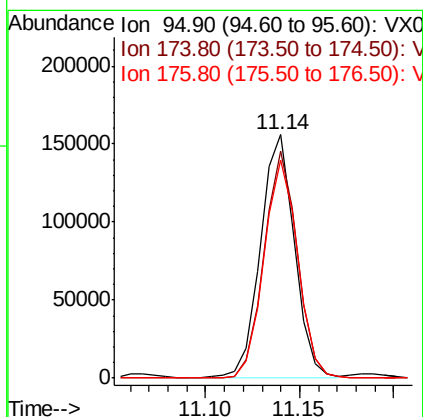
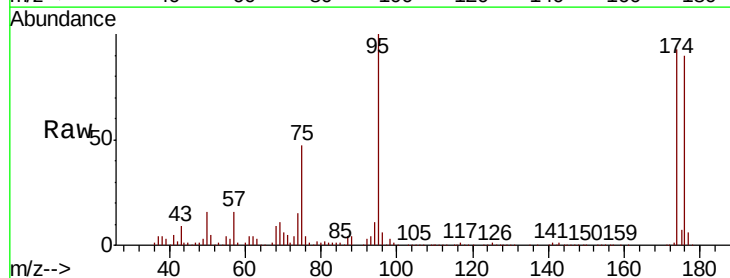
Tgt Ion: 95 Resp: 194656

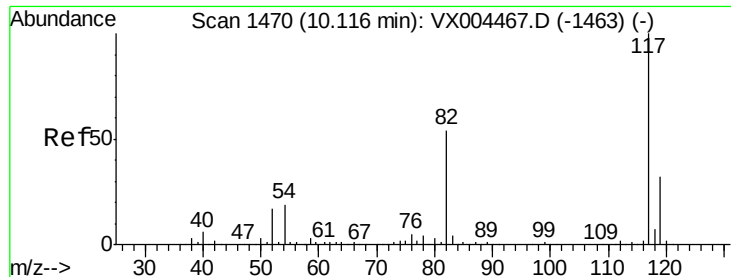
Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

176 89.1 0.0 178.6

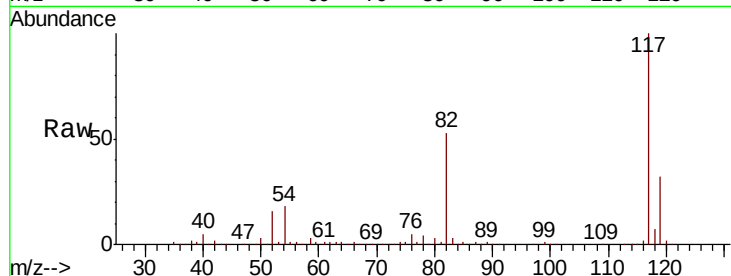




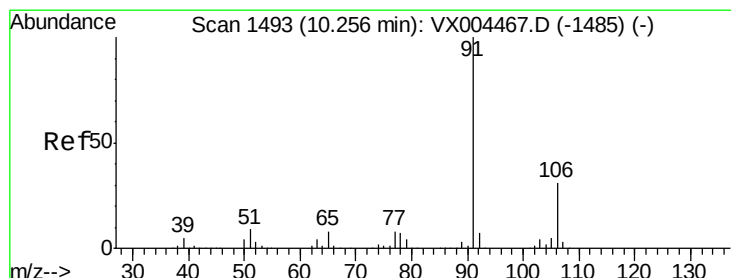
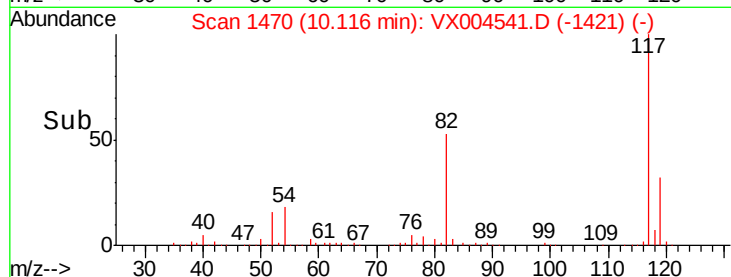
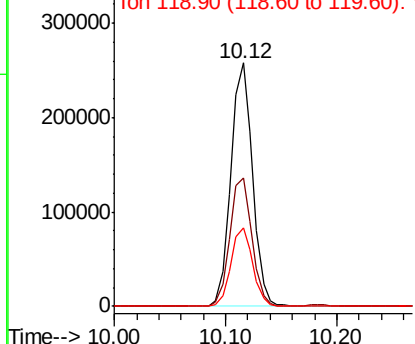
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004541.D
Acq: 14 Sep 2018 15:47

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

Tot Ion:117 Resp: 346552
Ion Ratio Lower Upper
117 100
82 52.4 47.8 71.6
119 32.3 29.3 43.9

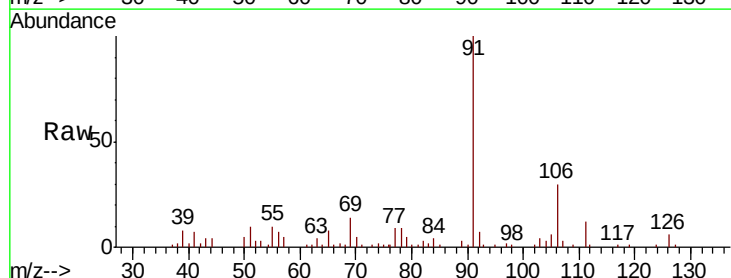


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

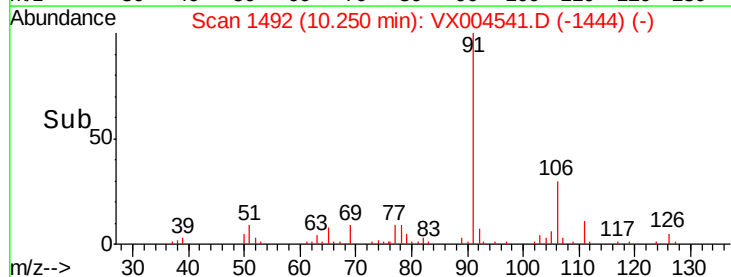
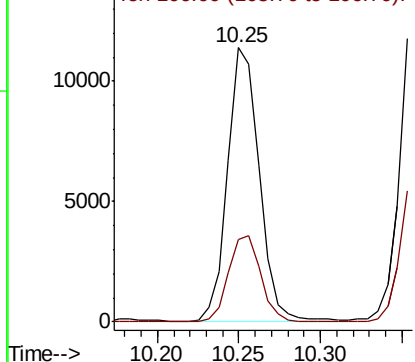


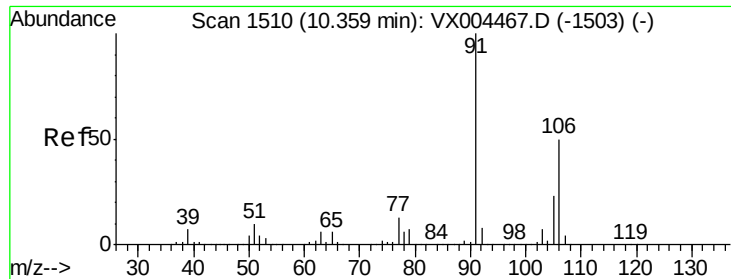
#67
Ethyl Benzene
Concen: 1.11 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004541.D
Acq: 14 Sep 2018 15:47

Tgt Ion: 91 Resp: 15513
Ion Ratio Lower Upper
91 100
106 29.9 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: 1.96 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004541.D

Acq: 14 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

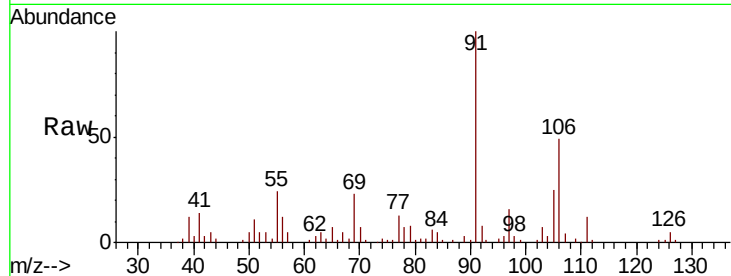
EP1-SUT-4USTS-SBDL

Tot Ion:106 Resp: 10580

Ion Ratio Lower Upper

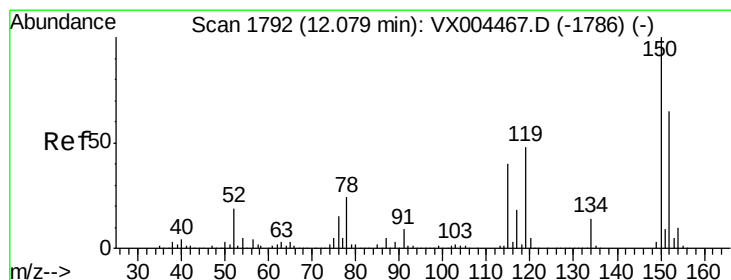
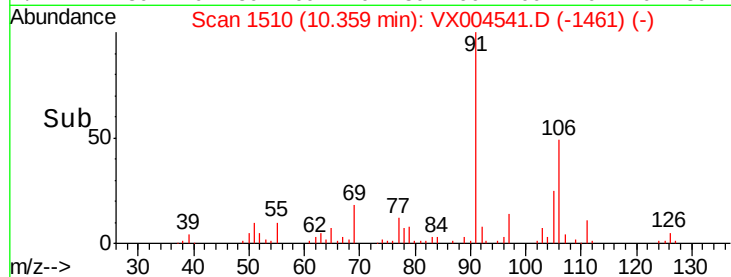
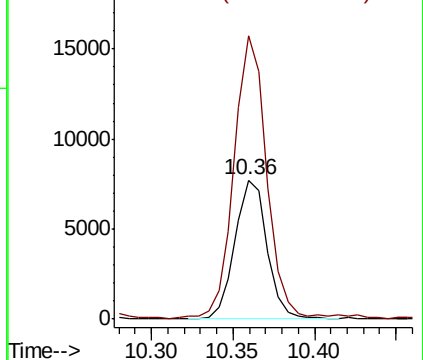
106 100

91 208.3 157.1 235.7



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: VX004541.D

Acq: 14 Sep 2018 15:47

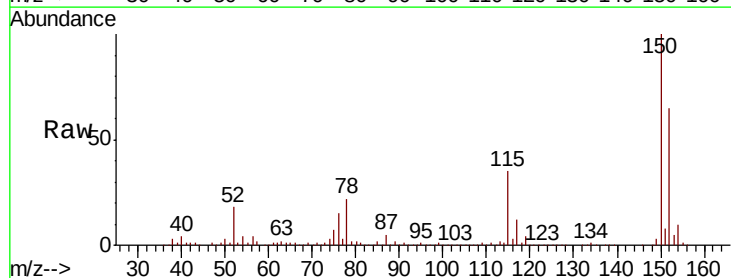
Tgt Ion:152 Resp: 204540

Ion Ratio Lower Upper

152 100

115 56.8 39.0 117.0

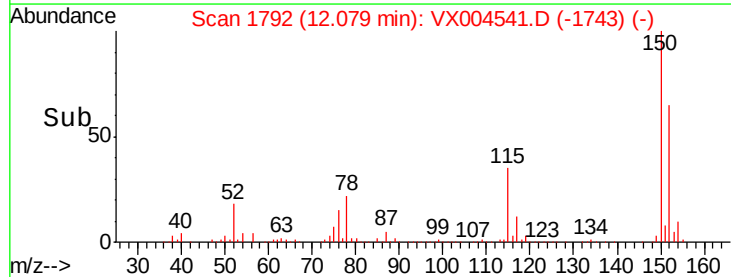
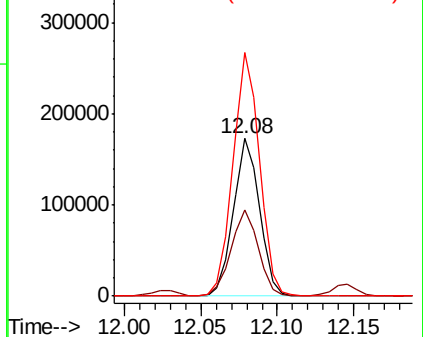
150 156.5 0.0 351.0

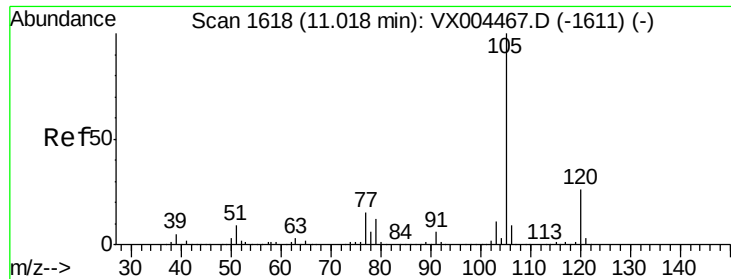


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.32 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004541.D

Acq: 14 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

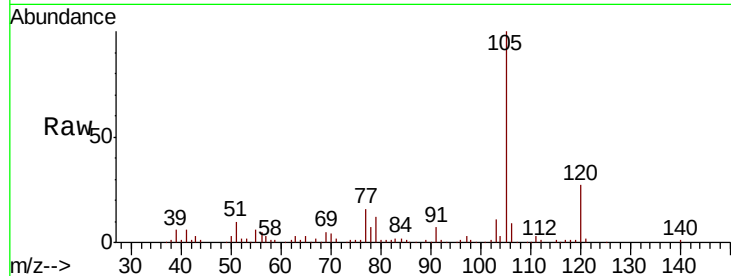
EP1-SUT-4USTS-SBDL

Tot Ion:105 Resp: 44724

Ion Ratio Lower Upper

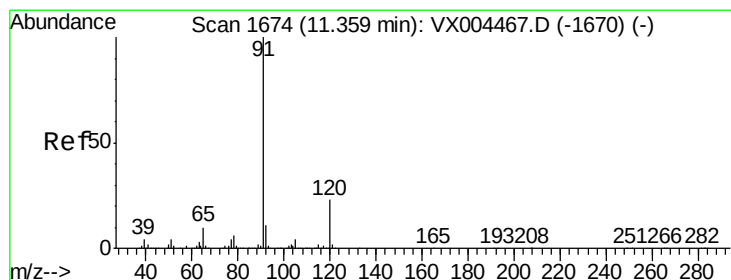
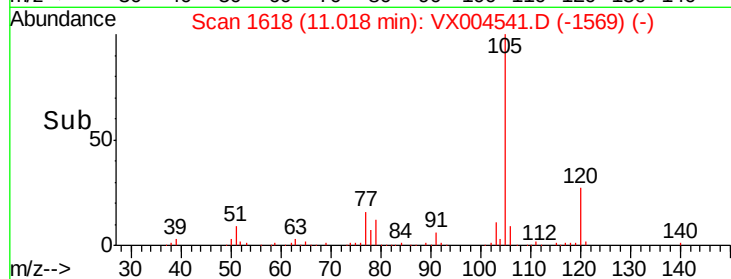
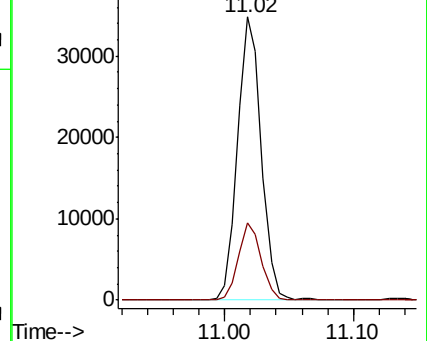
105 100

120 26.1 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: 8.36 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004541.D

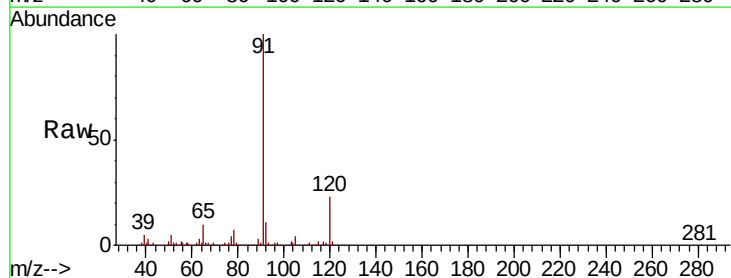
Acq: 14 Sep 2018 15:47

Tgt Ion: 91 Resp: 129498

Ion Ratio Lower Upper

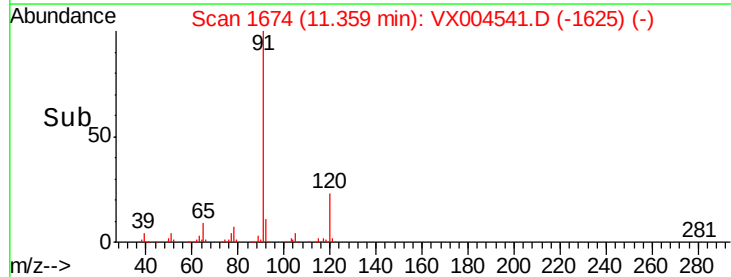
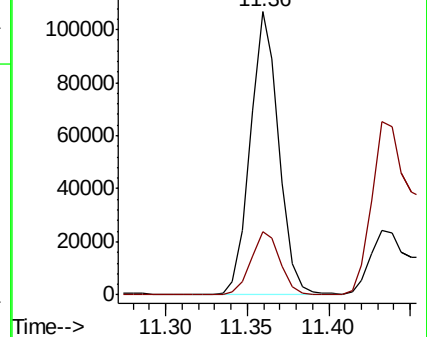
91 100

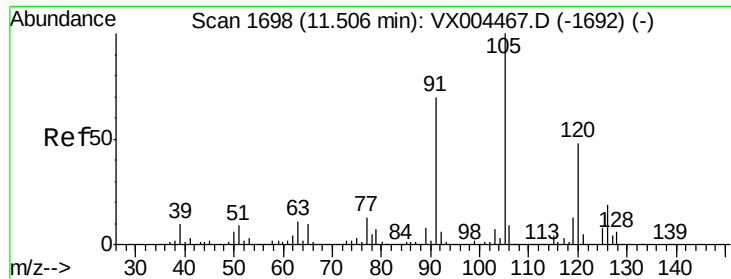
120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

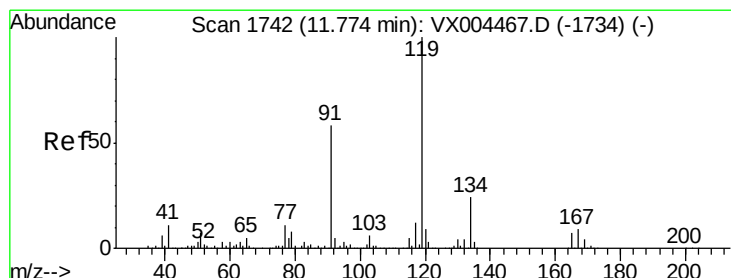
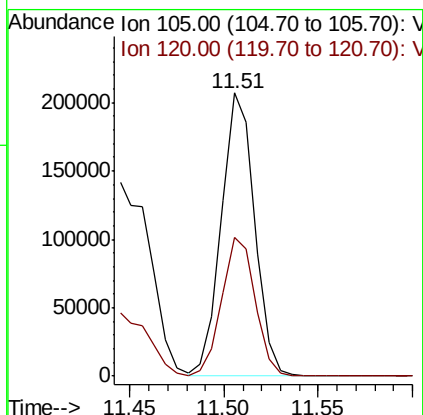
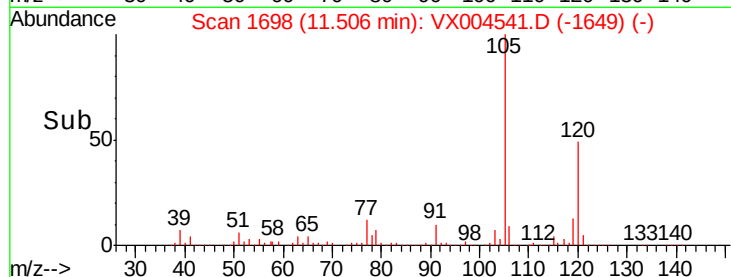
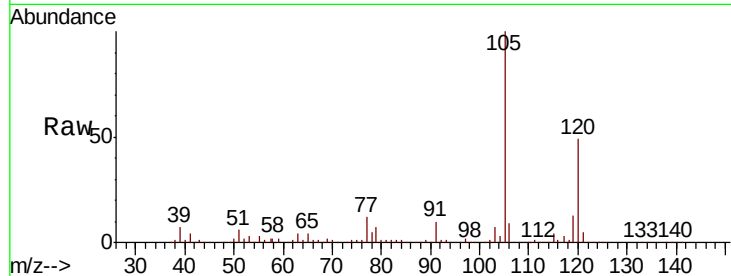




#80
 1,3,5-Trimethylbenzene
 Concen: 22.36 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004541.D
 Acq: 14 Sep 2018 15:47

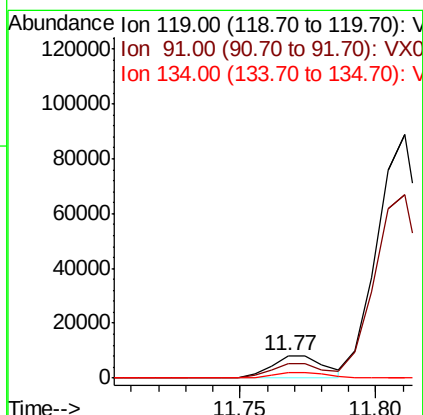
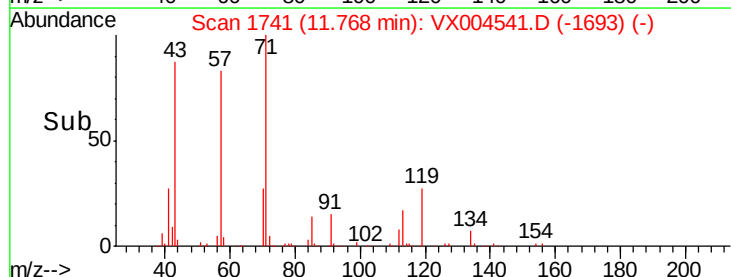
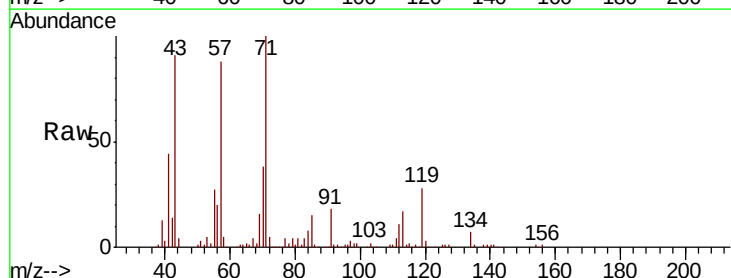
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

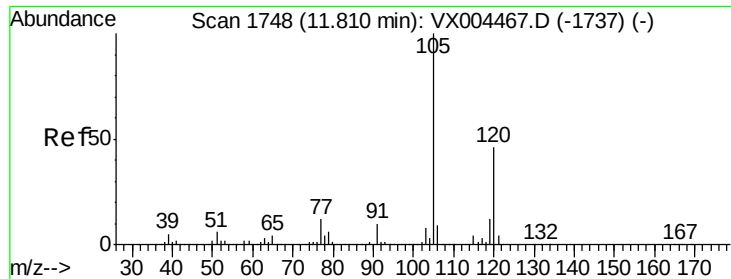
Tot Ion:105 Resp: 253168
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.6 76.8



#83
 tert-Butylbenzene
 Concen: 1.03 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX004541.D
 Acq: 14 Sep 2018 15:47

Tgt Ion:119 Resp: 11058
 Ion Ratio Lower Upper
 119 100
 91 66.2 27.0 81.0
 134 24.8 11.7 35.1

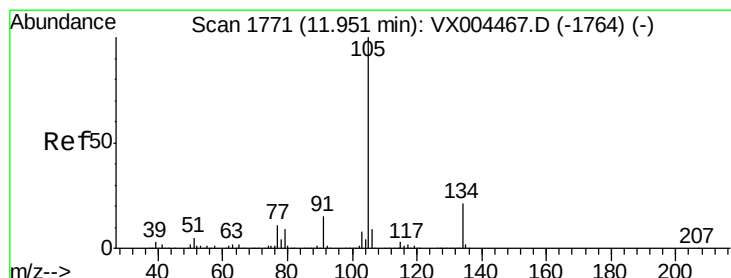
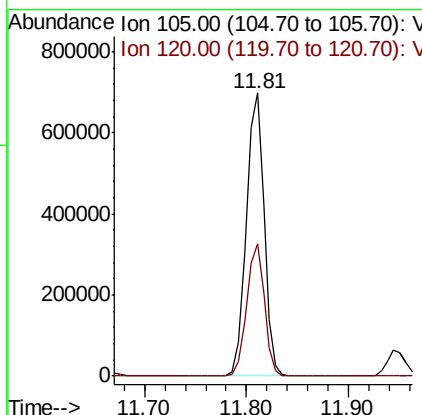
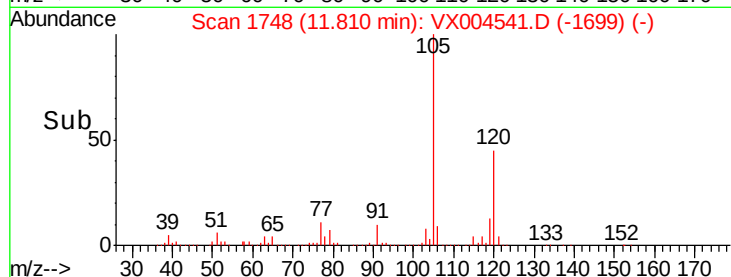
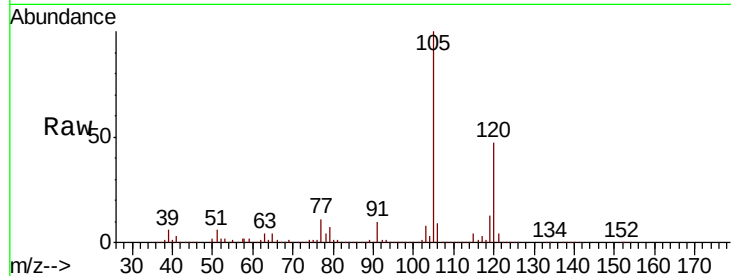




#84
 1,2,4-Trimethylbenzene
 Concen: 73.02 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004541.D
 Acq: 14 Sep 2018 15:47

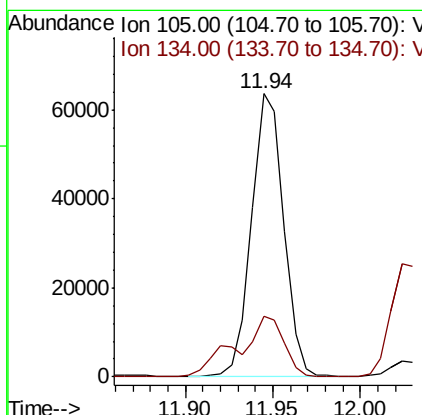
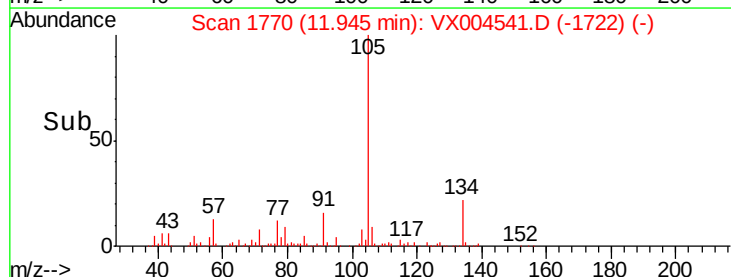
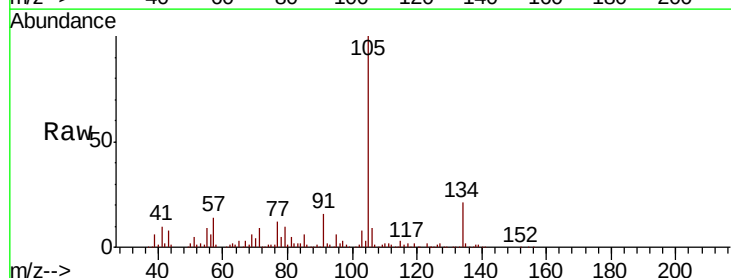
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

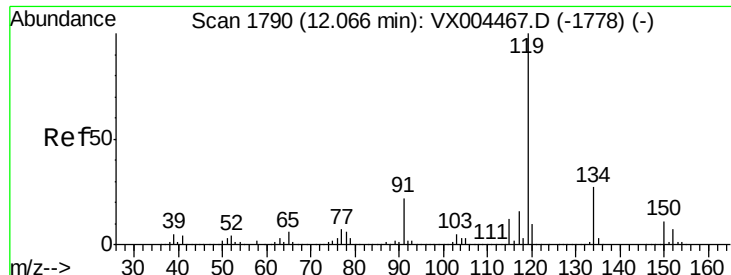
Tot Ion:105 Resp: 844213
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 5.88 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004541.D
 Acq: 14 Sep 2018 15:47

Tgt Ion:105 Resp: 80810
 Ion Ratio Lower Upper
 105 100
 134 31.5 10.5 31.5

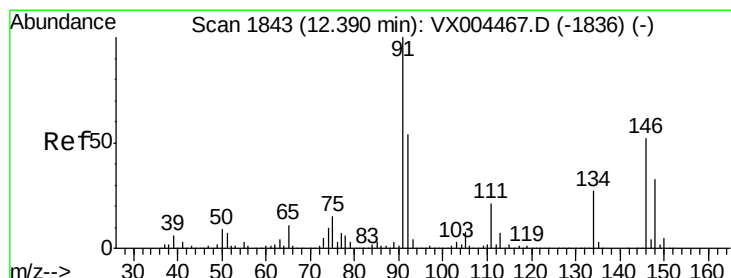
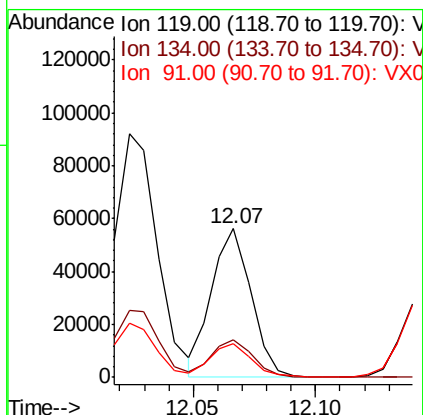
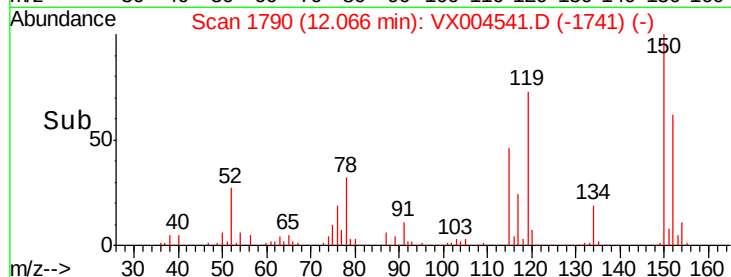
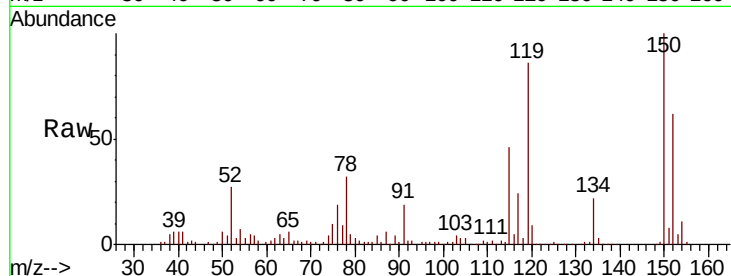




#86
 p-Isopropyltoluene
 Concen: 5.18 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004541.D
 Acq: 14 Sep 2018 15:47

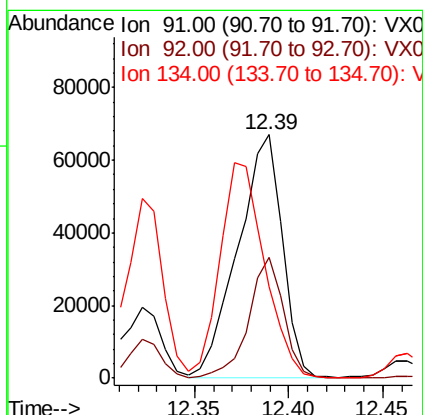
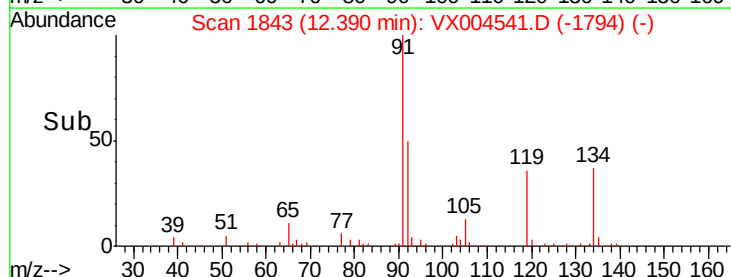
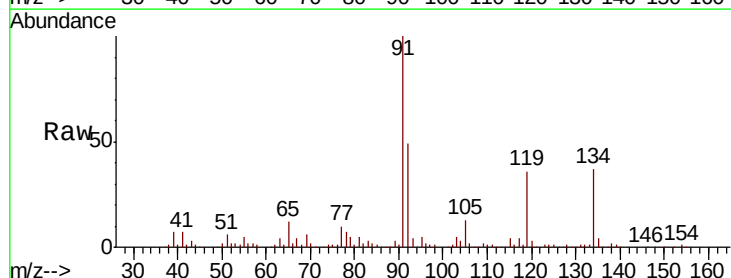
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

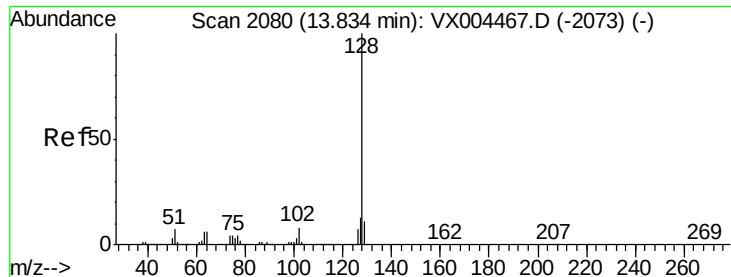
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.2
91	22.9	10.9	32.7



#89
 n-Butylbenzene
 Concen: 9.85 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004541.D
 Acq: 14 Sep 2018 15:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	39.0	27.3	81.9
134	88.8	13.6	40.7#





#95
Naphthalene
Concen: 3.78 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004541.D
Acq: 14 Sep 2018 15:47

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

