

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004511.D
 Acq On : 13 Sep 2018 13:00
 Operator : JC/MD
 Sample : J4724-18DL 100X
 Misc : 3.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 14 04:33:20 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	5.66	168	250455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	164706	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
35) Dibromofluoromethane	5.50	113	148115	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
50) Toluene-d8	8.72	98	518009	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.14	95	195035	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	

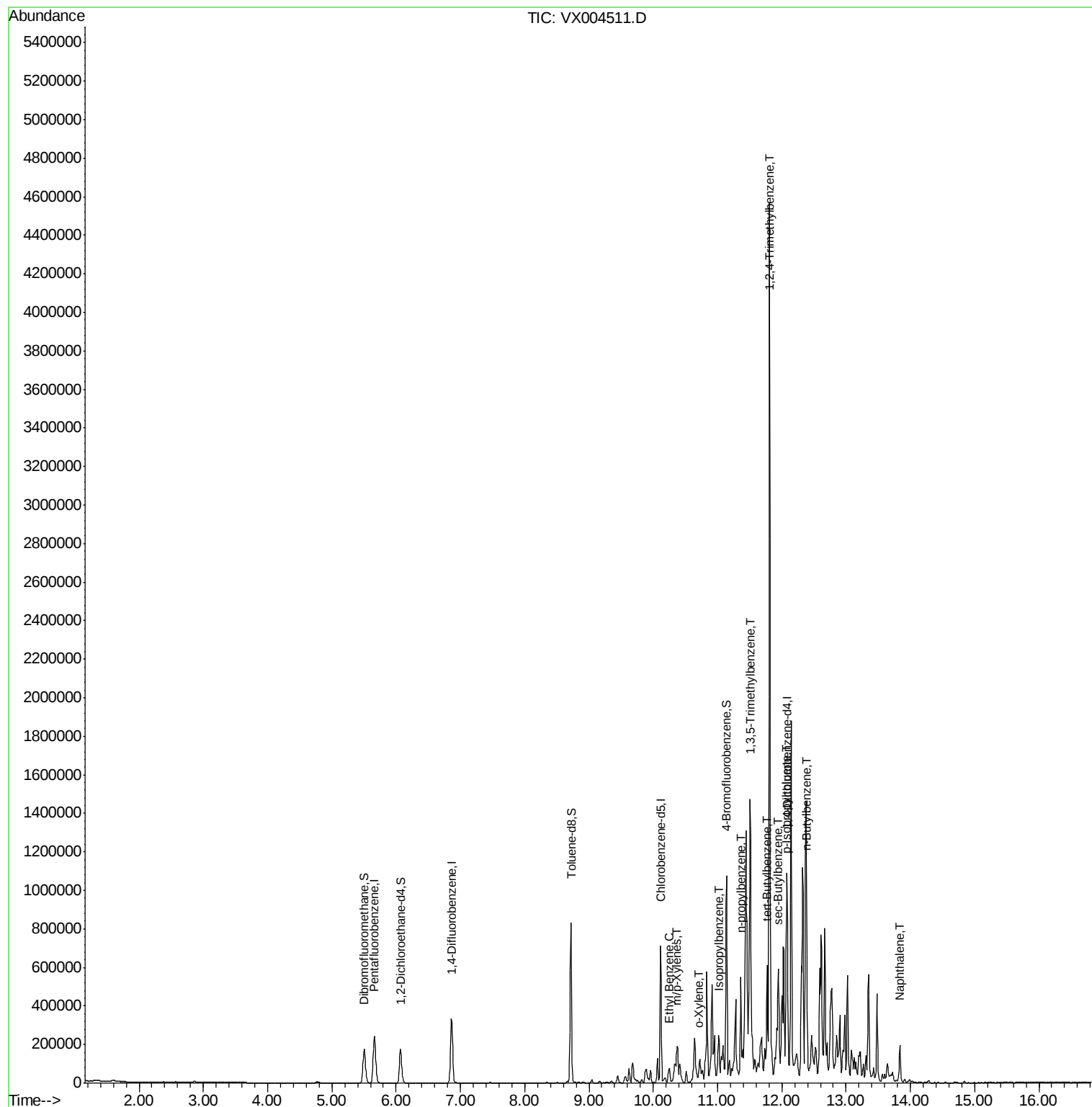
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.26	91	29339	2.124	ug/l	98
68) m/p-Xylenes	10.36	106	16749	3.148	ug/l	97
69) o-Xylene	10.70	106	1833	0.358	ug/l	88
73) Isopropylbenzene	11.02	105	102716	7.893	ug/l	100
78) n-propylbenzene	11.36	91	304305	20.337	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	578759	52.902	ug/l	98
83) tert-Butylbenzene	11.77	119	25747	2.472	ug/l	86
84) 1,2,4-Trimethylbenzene	11.81	105	1899440	170.050	ug/l	99
85) sec-Butylbenzene	11.94	105	187418	14.121	ug/l	78
86) p-Isopropyltoluene	12.07	119	147113	12.552	ug/l	99
89) n-Butylbenzene	12.39	91	255781	23.948	ug/l #	46
95) Naphthalene	13.83	128	119899	8.888	ug/l	99

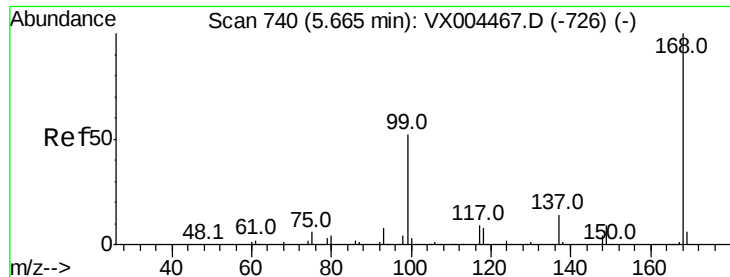
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091318\
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Quant Time: Sep 14 04:33:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
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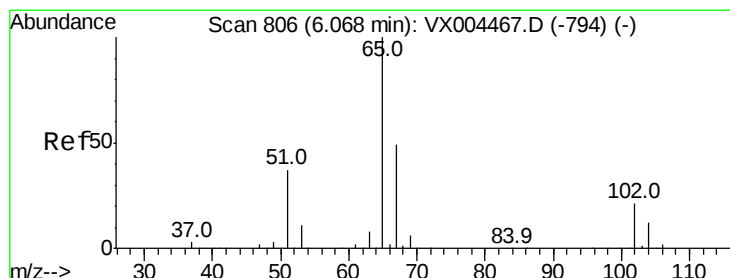
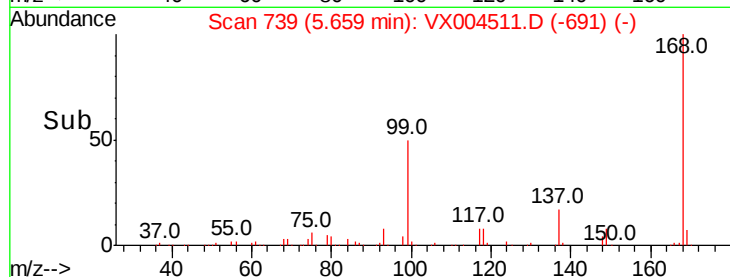
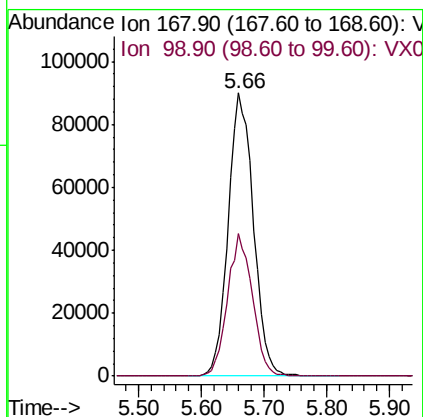
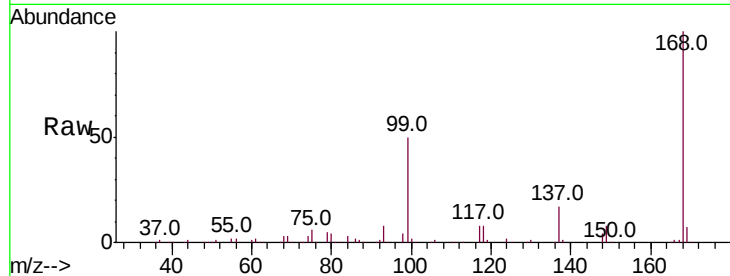




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

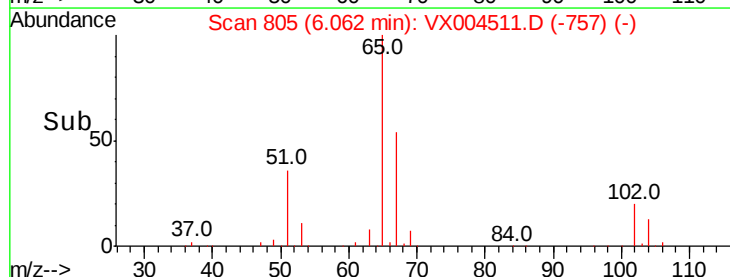
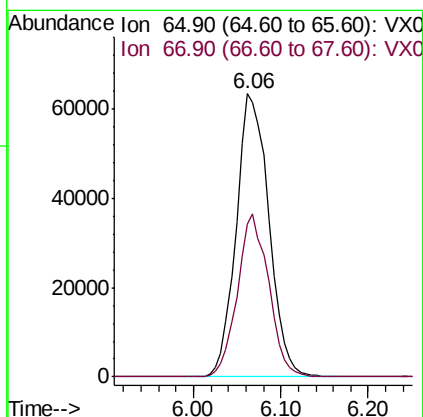
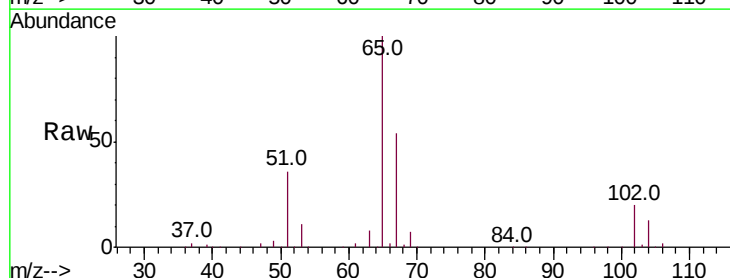
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

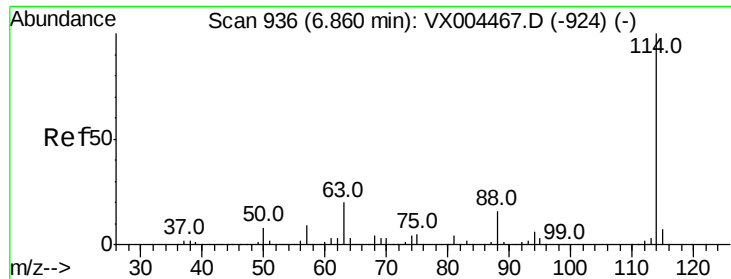
Tot Ion:168 Resp: 250455
Ion Ratio Lower Upper
168 100
99 50.4 39.9 59.9



#33
1,2-Dichloroethane-d4
Concen: 51.002 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

Tgt Ion: 65 Resp: 164706
Ion Ratio Lower Upper
65 100
67 55.2 0.0 106.8

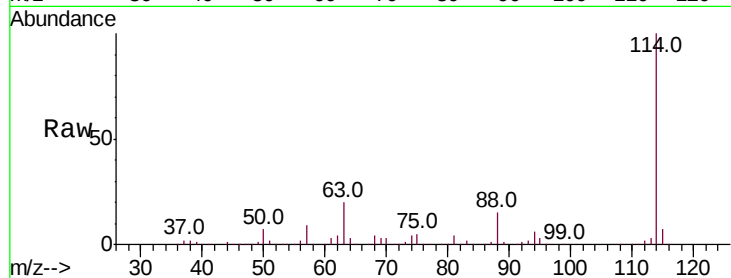




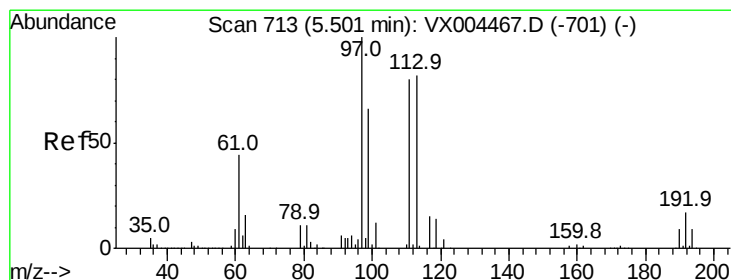
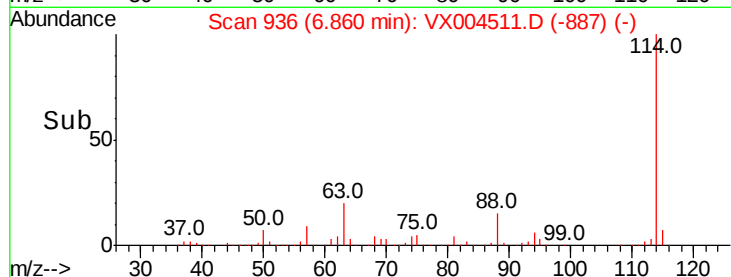
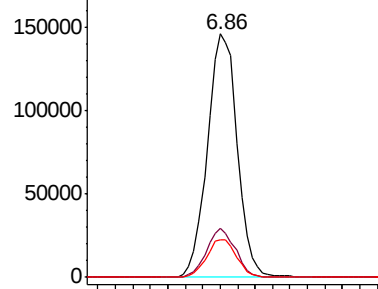
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004511.D
 Acq: 13 Sep 2018 13:00

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.3	0.0	30.4

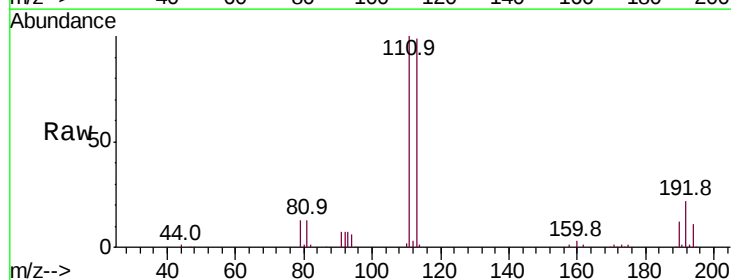


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

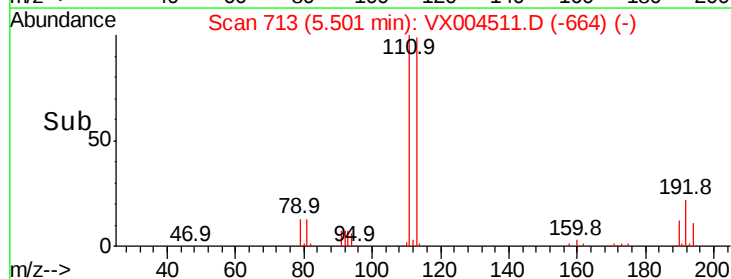
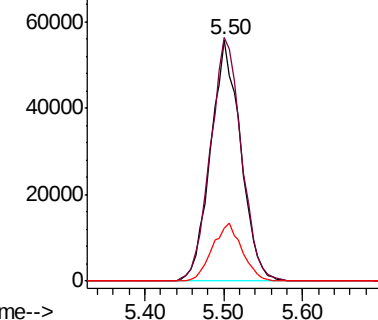


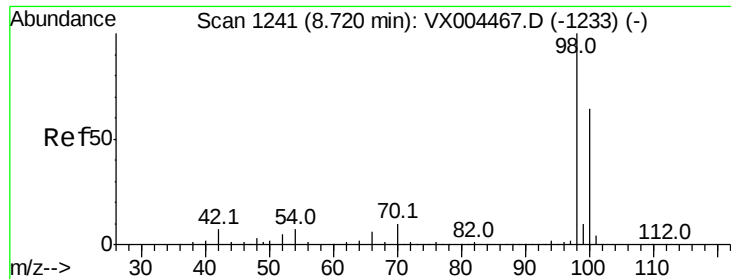
#35
 Dibromofluoromethane
 Concen: 46.645 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004511.D
 Acq: 13 Sep 2018 13:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	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

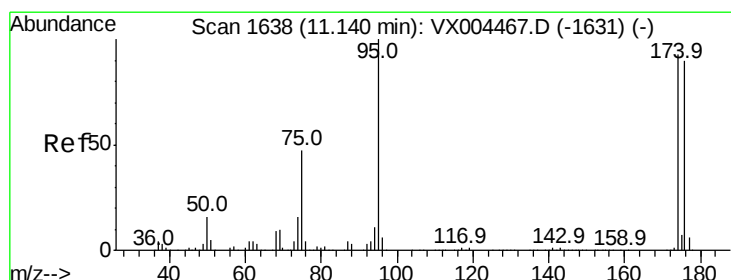
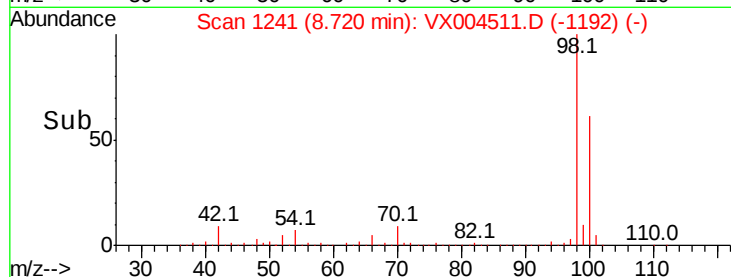
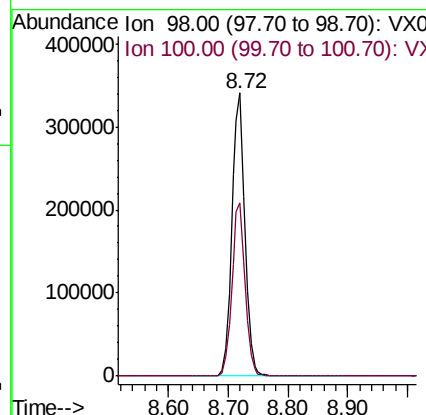
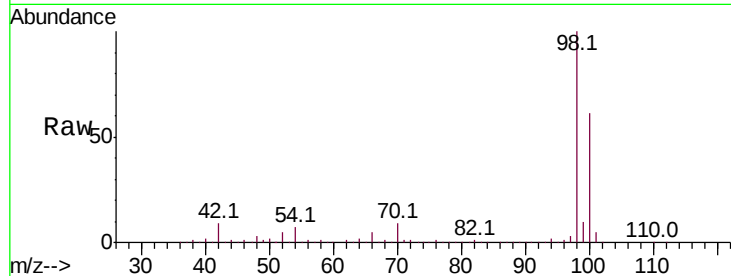




#50
Toluene-d8
Concen: 48.645 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

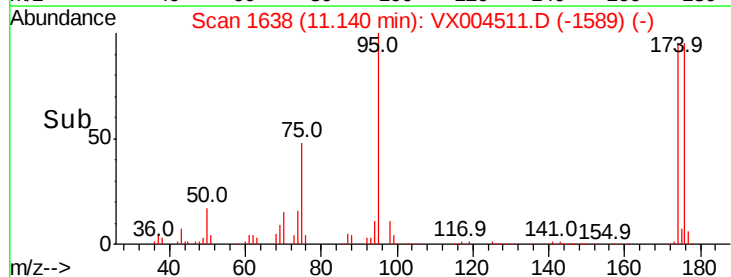
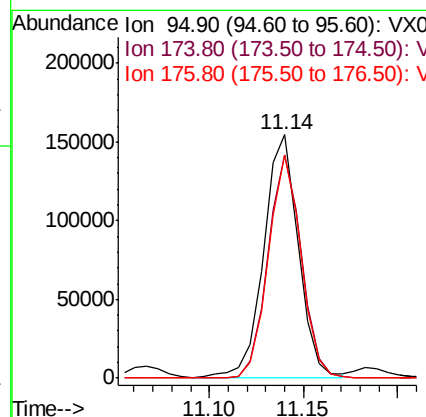
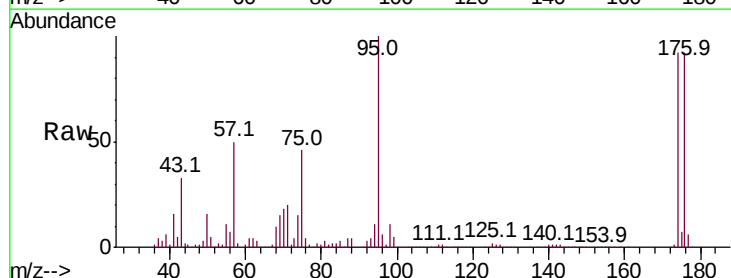
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

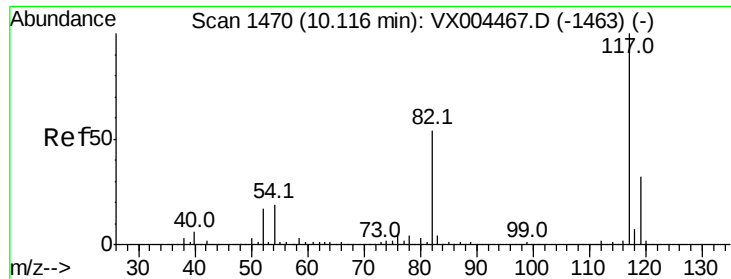
Tot Ion: 98 Resp: 518009
Ion Ratio Lower Upper
98 100
100 62.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.310 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

Tgt Ion: 95 Resp: 195035
Ion Ratio Lower Upper
95 100
174 89.2 0.0 185.2
176 87.2 0.0 178.6

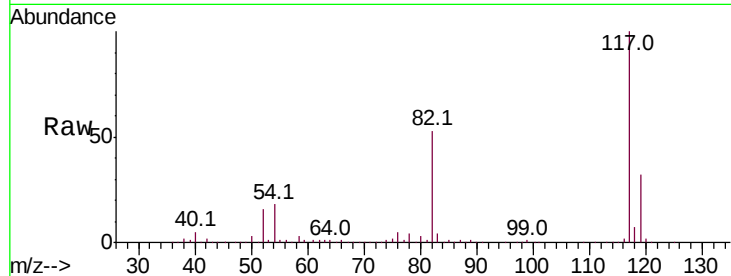




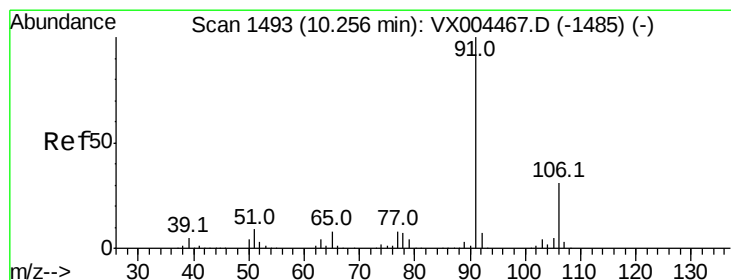
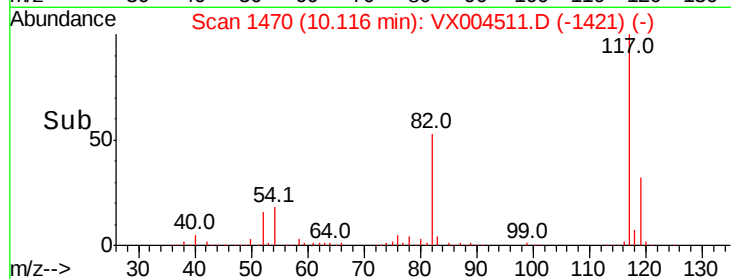
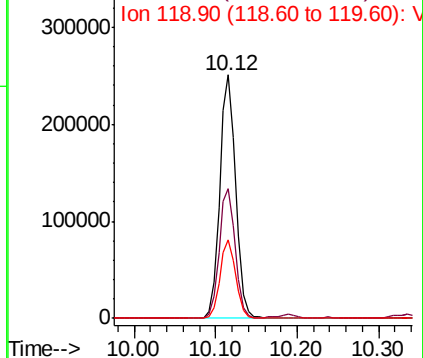
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

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

Tot Ion:117 Resp: 341984
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 32.3 29.3 43.9

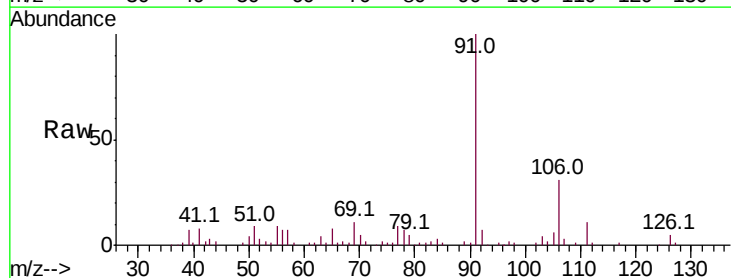


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

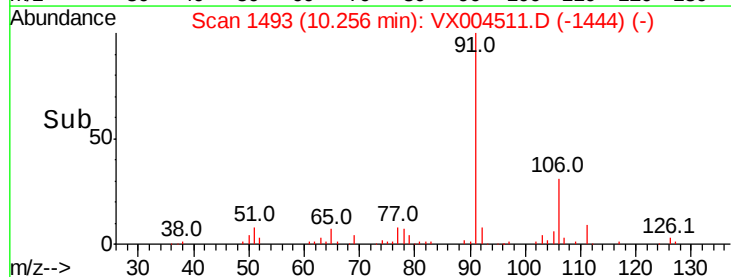
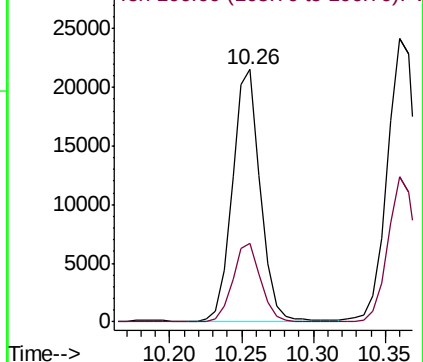


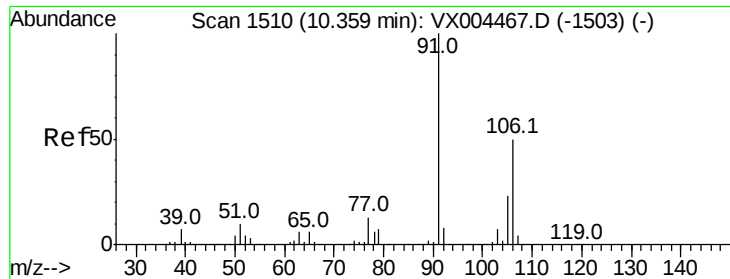
#67
Ethyl Benzene
Concen: 2.124 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

Tgt Ion: 91 Resp: 29339
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



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

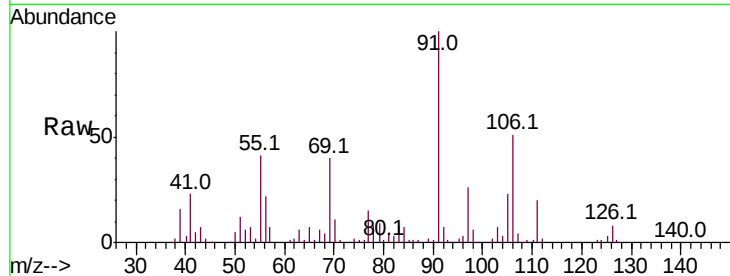




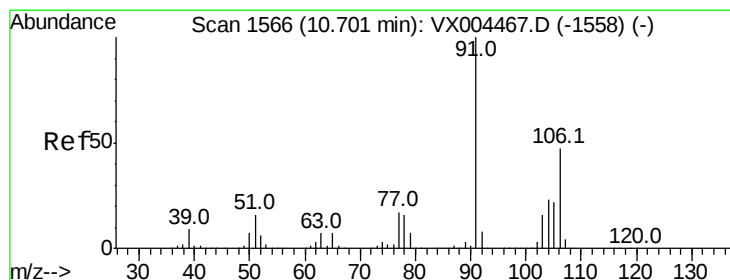
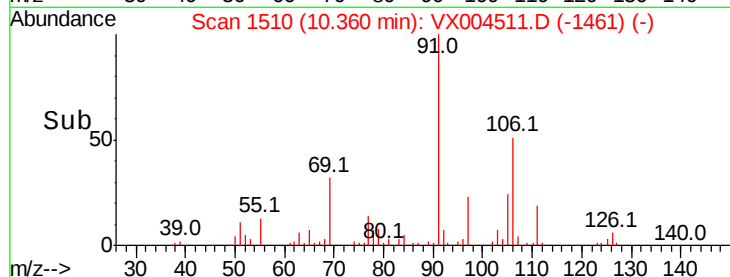
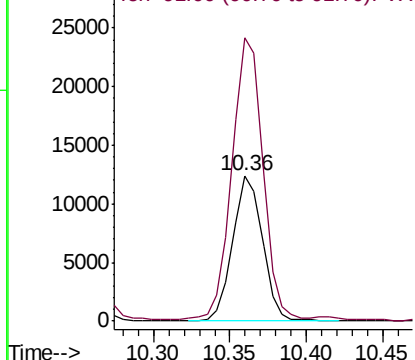
#68
m/p-Xylenes
Concen: 3.148 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

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

Tot Ion:106 Resp: 16749
Ion Ratio Lower Upper
106 100
91 200.8 157.1 235.7

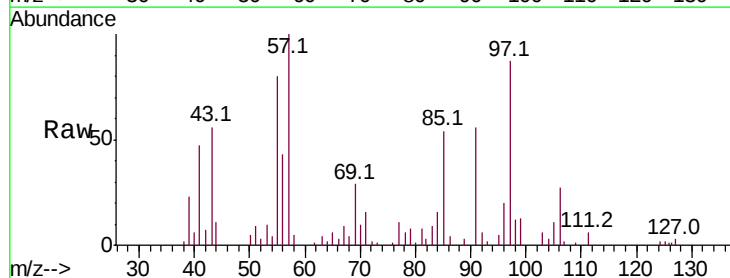


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

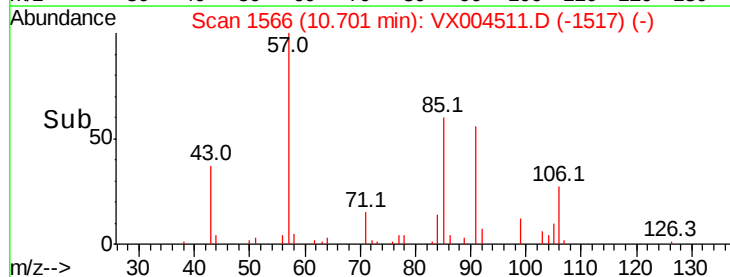
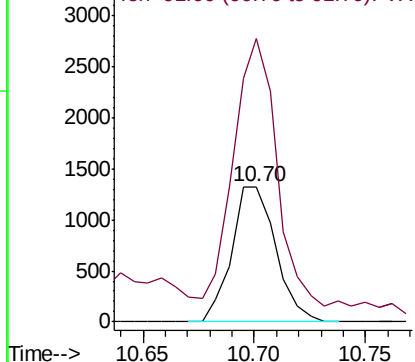


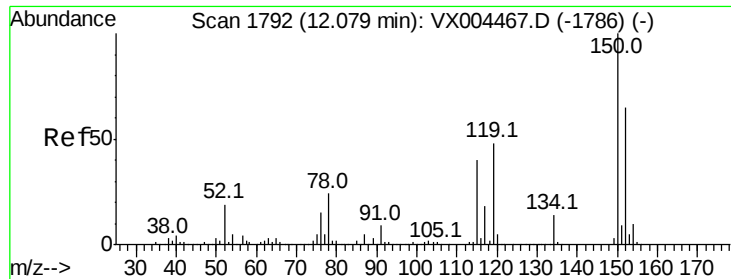
#69
o-Xylene
Concen: 0.358 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

Tgt Ion:106 Resp: 1833
Ion Ratio Lower Upper
106 100
91 228.1 105.1 315.1



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



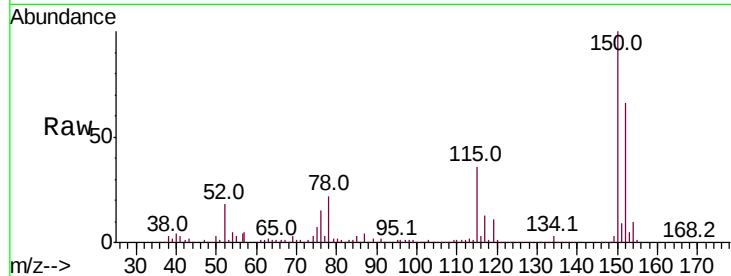


#72

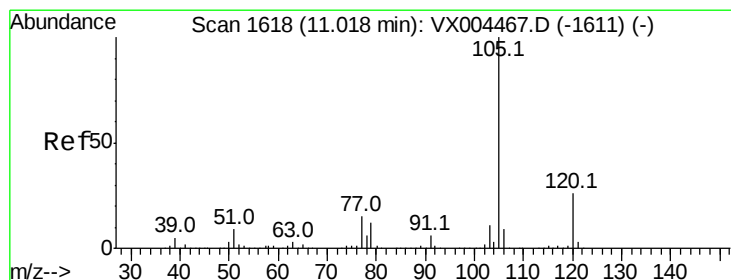
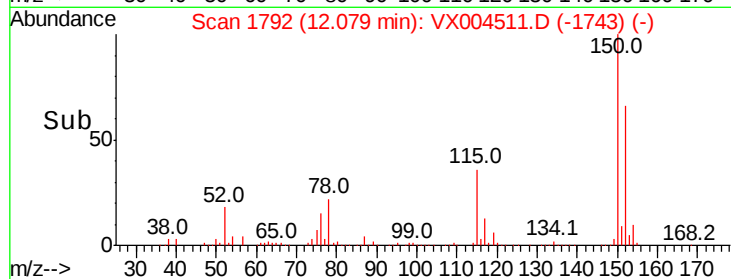
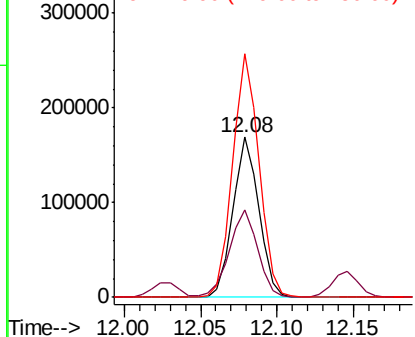
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

Instrument :
MSVOA_X
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EP1-SUT-4USTS-SBDL

Tot Ion:152 Resp: 197602
Ion Ratio Lower Upper
152 100
115 59.2 39.0 117.0
150 155.1 0.0 351.0



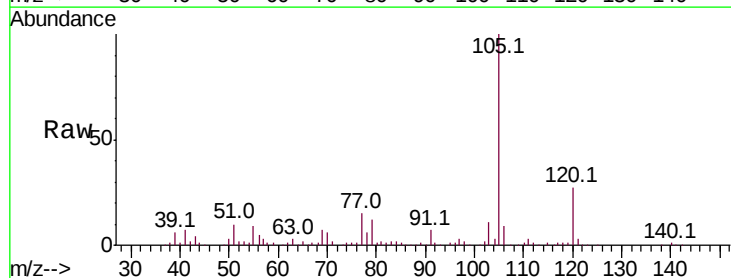
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



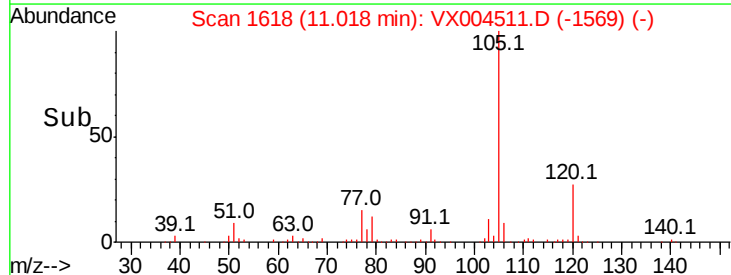
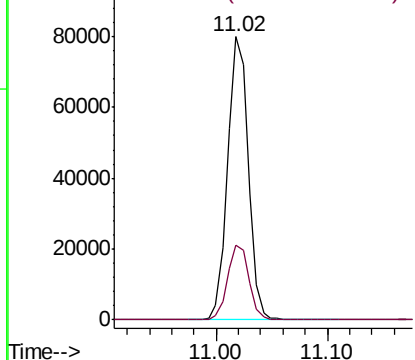
#73

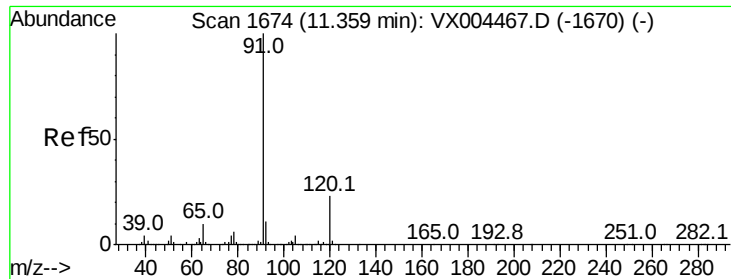
Isopropylbenzene
Concen: 7.893 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004511.D
Acq: 13 Sep 2018 13:00

Tgt Ion:105 Resp: 102716
Ion Ratio Lower Upper
105 100
120 27.0 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: 20.337 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004511.D

Acq: 13 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

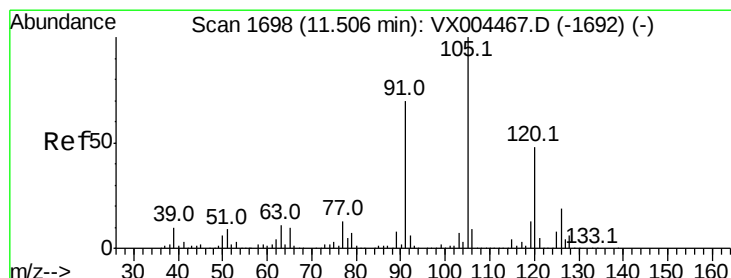
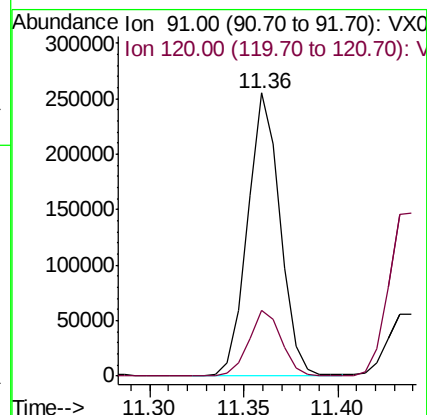
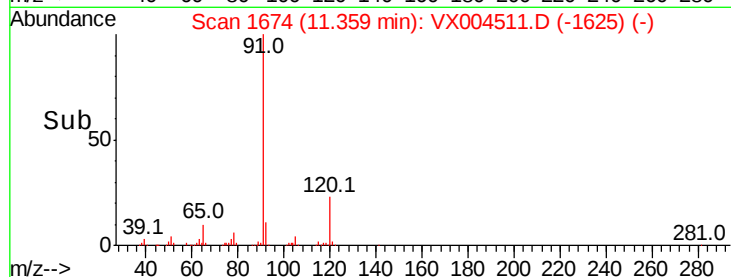
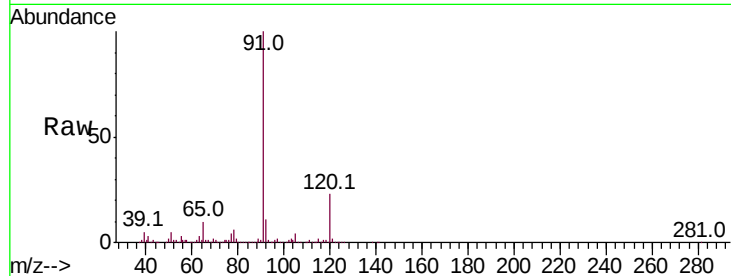
EP1-SUT-4USTS-SBDL

Tot Ion: 91 Resp: 304305

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 52.902 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004511.D

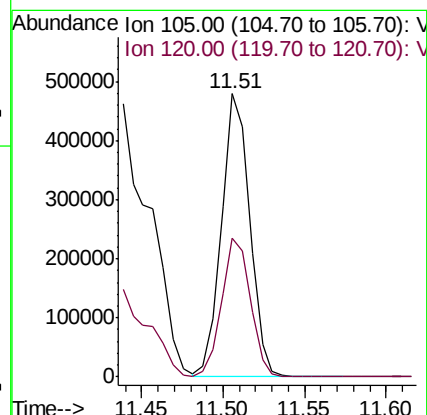
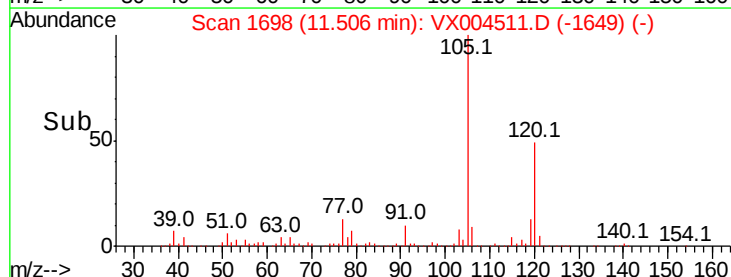
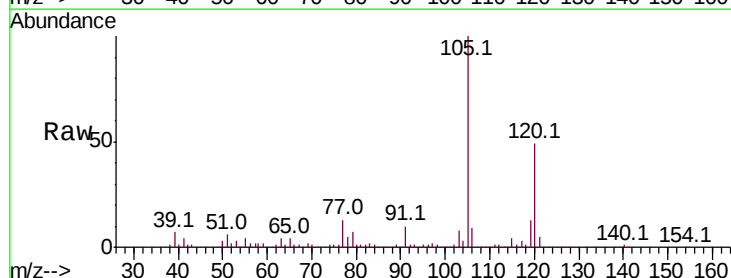
Acq: 13 Sep 2018 13:00

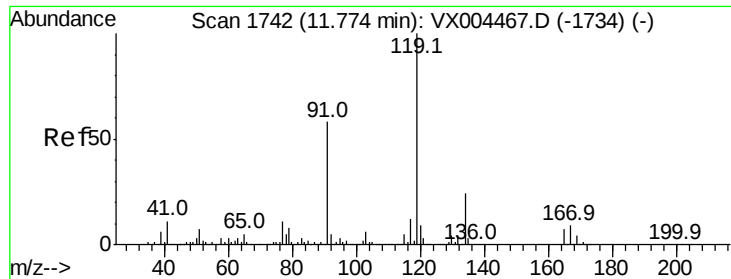
Tgt Ion: 105 Resp: 578759

Ion Ratio Lower Upper

105 100

120 50.0 25.6 76.8





#83

tert-Butylbenzene

Concen: 2.472 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004511.D

Acq: 13 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

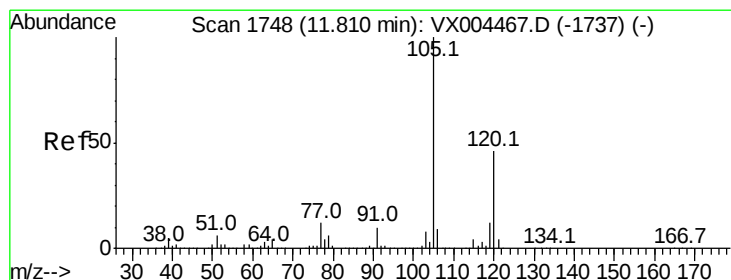
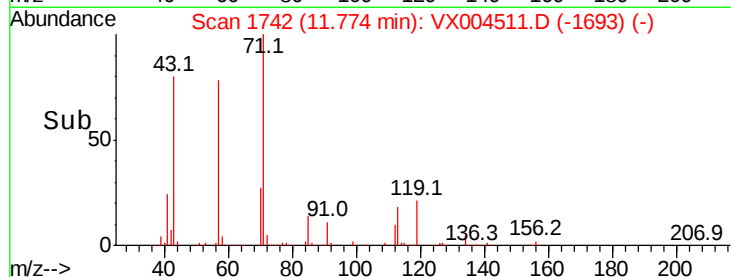
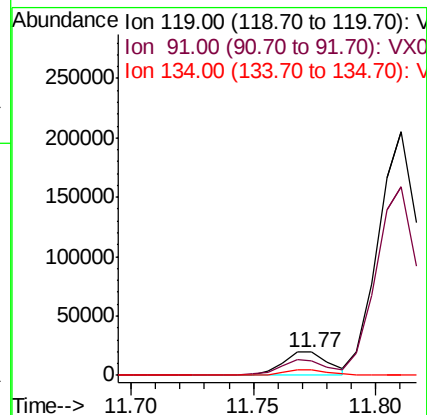
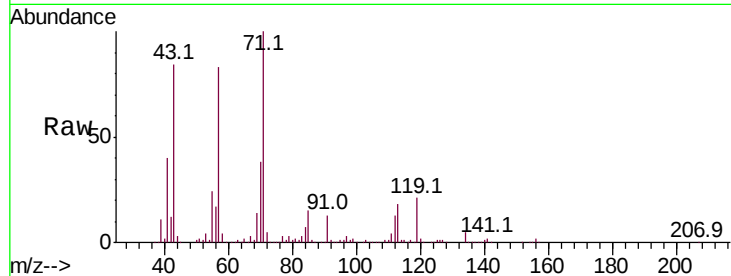
Tot Ion:119 Resp: 25747

Ion Ratio Lower Upper

119 100

91 67.3 27.0 81.0

134 24.8 11.7 35.1



#84

1,2,4-Trimethylbenzene

Concen: 170.050 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004511.D

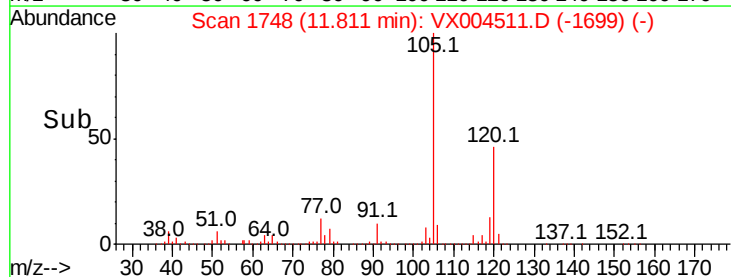
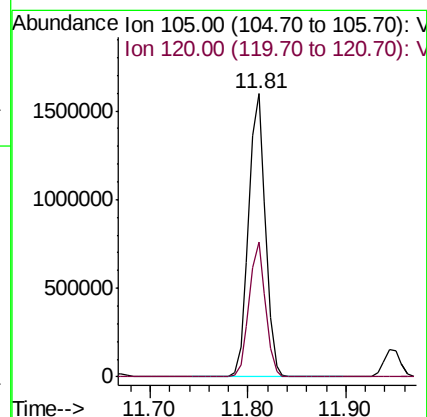
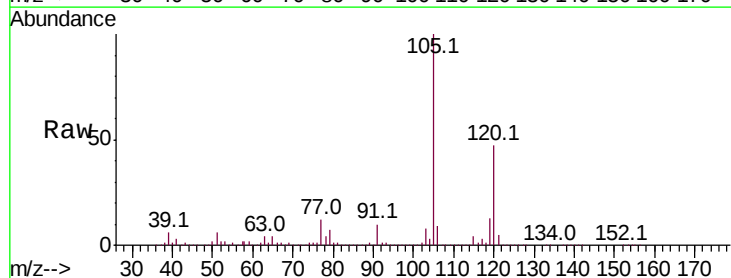
Acq: 13 Sep 2018 13:00

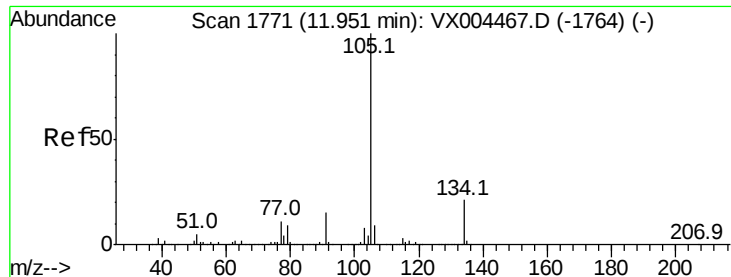
Tgt Ion:105 Resp: 1899440

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6

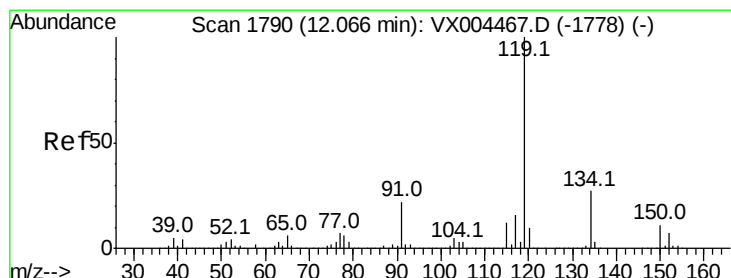
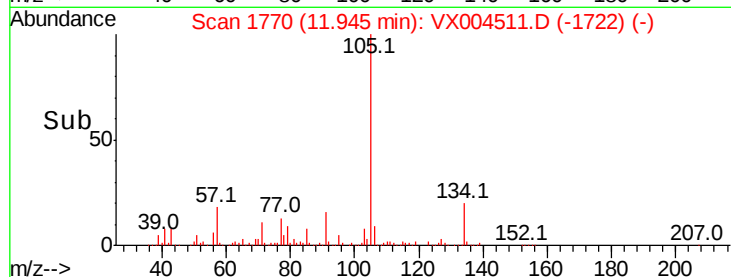
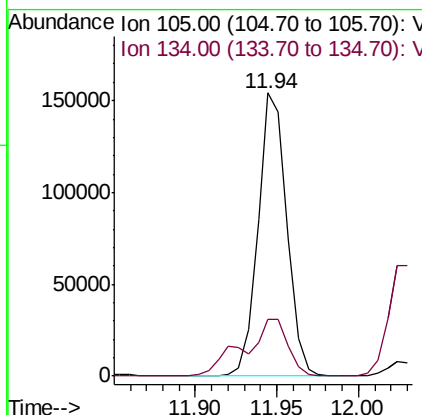
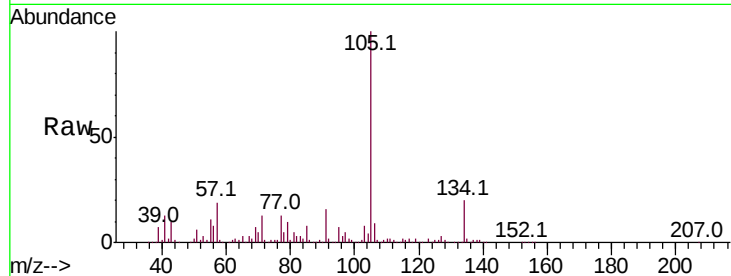




#85
 sec-Butylbenzene
 Concen: 14.121 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004511.D
 Acq: 13 Sep 2018 13:00

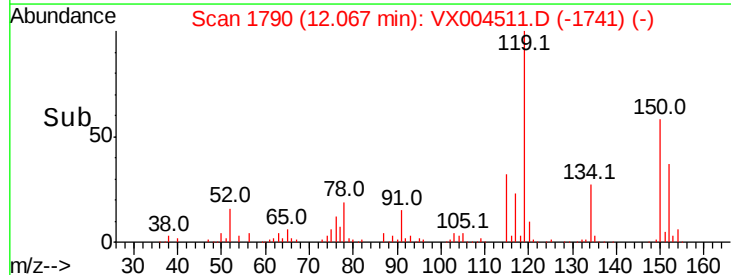
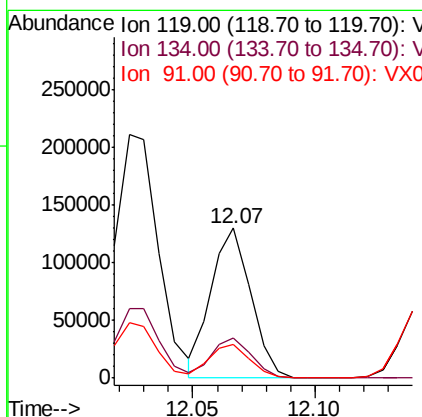
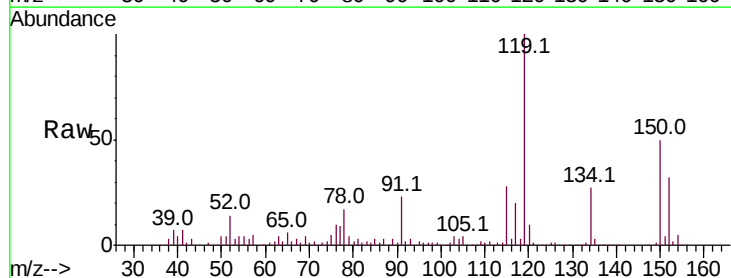
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

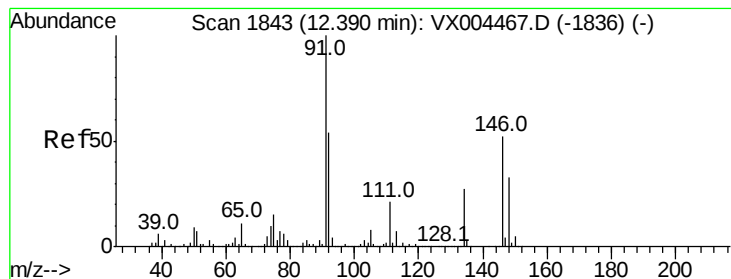
Tot Ion:105 Resp: 187418
 Ion Ratio Lower Upper
 105 100
 134 31.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 12.552 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004511.D
 Acq: 13 Sep 2018 13:00

Tgt Ion:119 Resp: 147113
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.5 10.9 32.7





#89

n-Butylbenzene

Concen: 23.948 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004511.D

Acq: 13 Sep 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

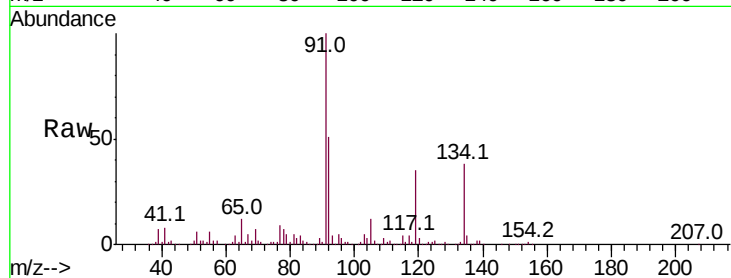
Tot Ion: 91 Resp: 255781

Ion Ratio Lower Upper

91 100

92 39.4 27.3 81.9

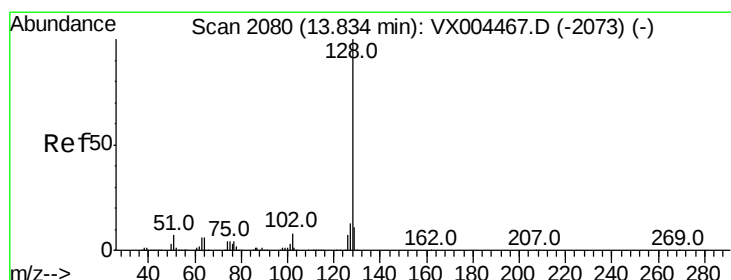
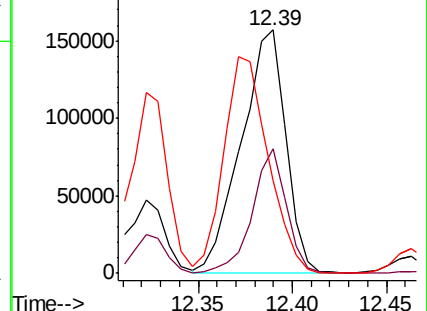
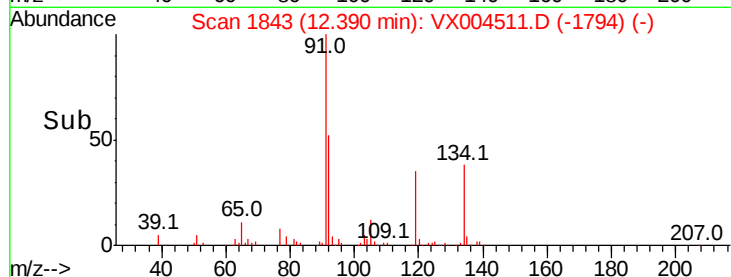
134 89.0 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004467.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004467.D (-1836) (-)



#95

Naphthalene

Concen: 8.888 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004511.D

Acq: 13 Sep 2018 13:00

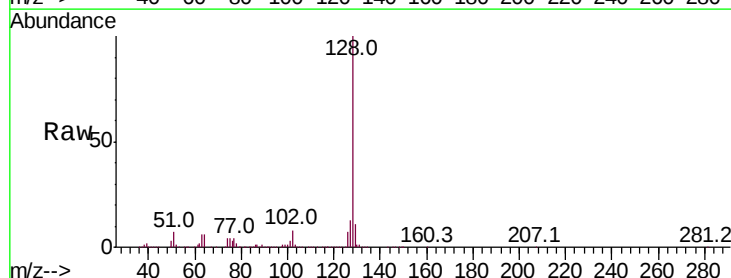
Tgt Ion: 128 Resp: 119899

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VX004467.D (-2073) (-)

Ion 127.00 (126.70 to 127.70): VX004467.D (-2073) (-)

Ion 129.00 (128.70 to 129.70): VX004467.D (-2073) (-)

