

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004406.D
 Acq On : 07 Sep 2018 14:45
 Operator : JC/MD
 Sample : J4724-15DL 20X
 Misc : 3.78g/5mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 10 10:36:53 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	327162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	500195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	311483	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	220638	51.74	ug/l	0.00
Spiked Amount						
			Recovery	=	103.48%	
35) Dibromofluoromethane	5.50	113	195910	50.50	ug/l	0.00
Spiked Amount						
			Recovery	=	101.00%	
50) Toluene-d8	8.71	98	740534	50.57	ug/l	0.00
Spiked Amount						
			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.14	95	305448	55.90	ug/l	0.00
Spiked Amount						
			Recovery	=	111.80%	

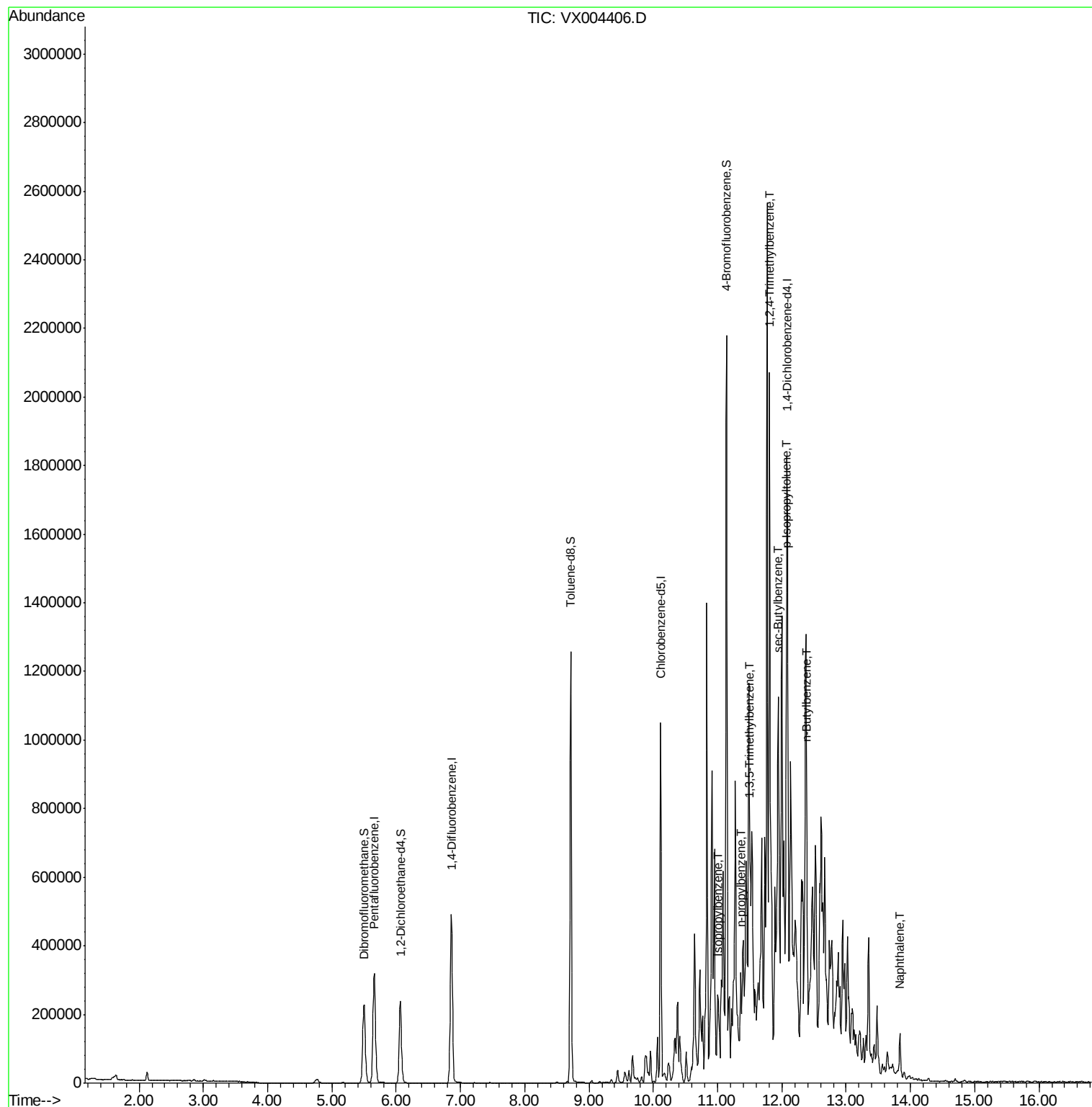
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	11.02	105	39571	1.93	ug/l	100
78) n-propylbenzene	11.36	91	124389	5.29	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	130937	7.73	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	684398	39.35	ug/l	97
85) sec-Butylbenzene	11.94	105	115106	5.69	ug/l #	73
86) p-Isopropyltoluene	12.07	119	99311	5.48	ug/l	100
89) n-Butylbenzene	12.39	91	157946	10.71	ug/l #	54
95) Naphthalene	13.83	128	82075	4.04	ug/l	98

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

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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: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

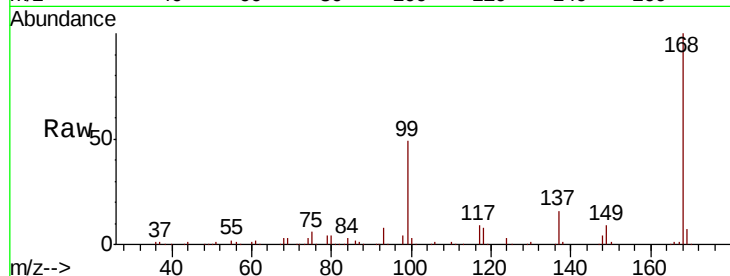
EP1-SUT-8USTS-EDL

Tot Ion:168 Resp: 327162

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

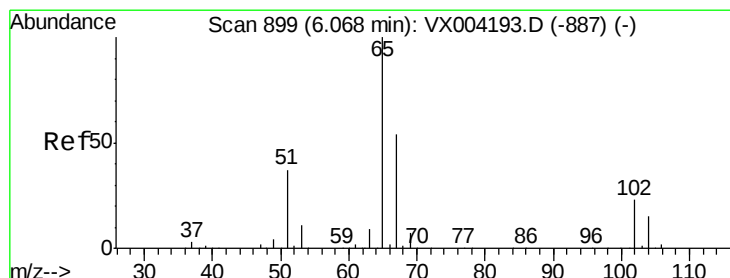
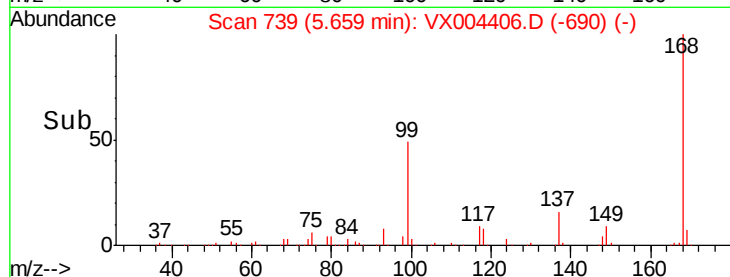
5.66

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.74 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004406.D

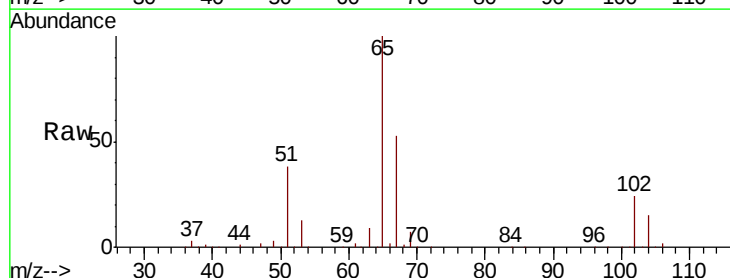
Acq: 07 Sep 2018 14:45

Tgt Ion: 65 Resp: 220638

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

6.06

100000

80000

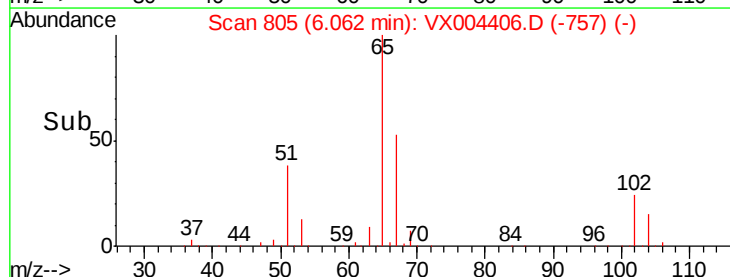
60000

40000

20000

0

Time-->

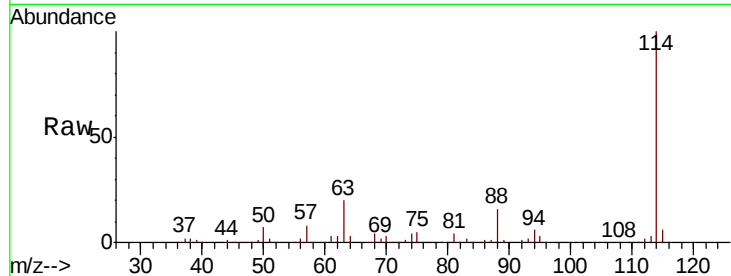




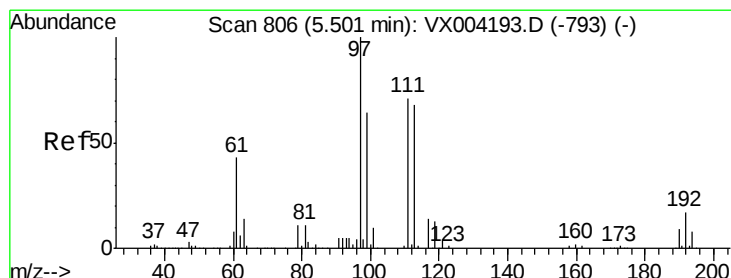
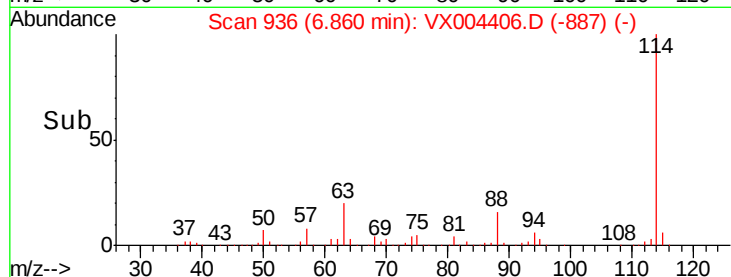
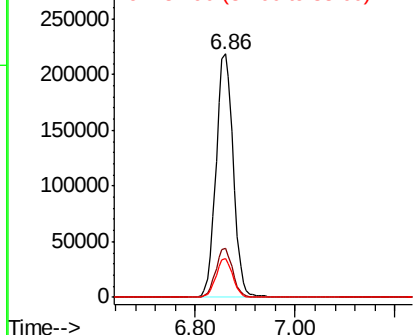
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

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

Tot Ion:114 Resp: 521489
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 16.0 0.0 30.4

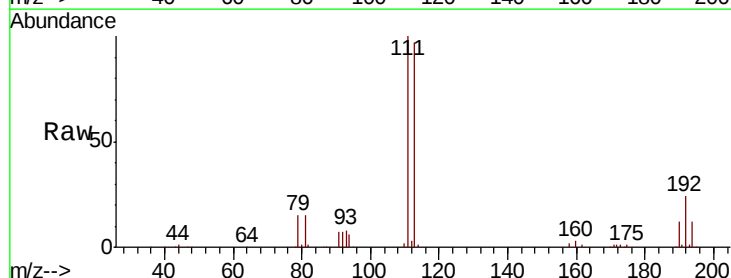


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

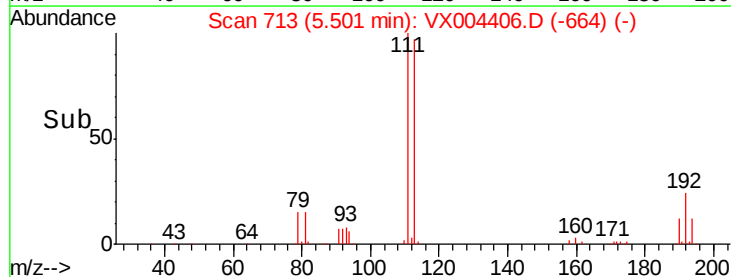
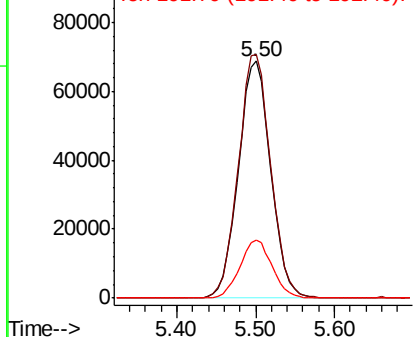


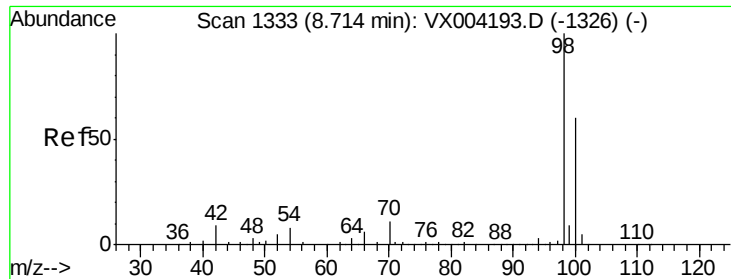
#35
 Dibromofluoromethane
 Concen: 50.50 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

Tgt Ion:113 Resp: 195910
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 24.4 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

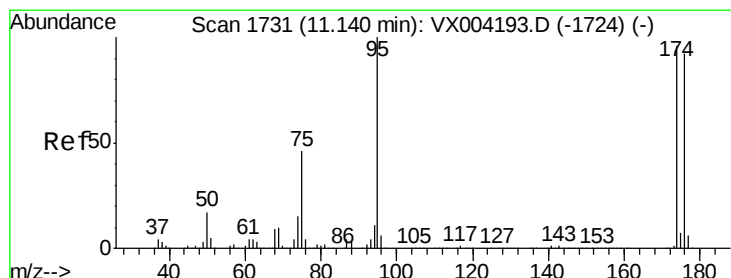
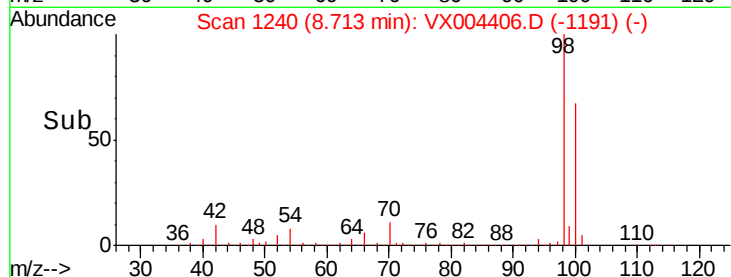
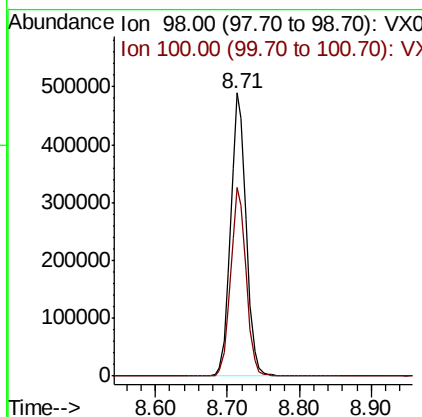
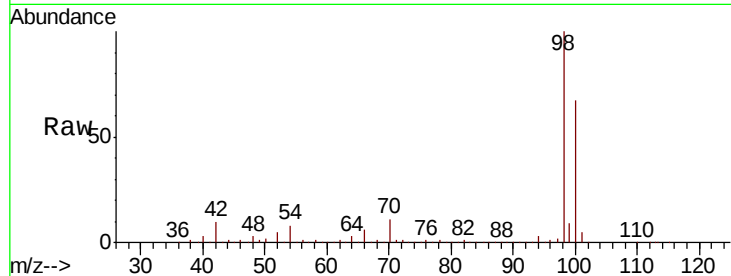




#50
Toluene-d8
Concen: 50.57 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

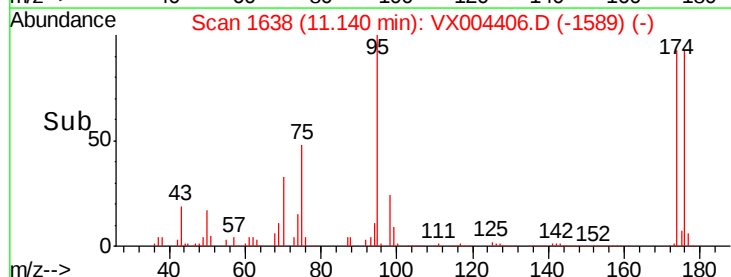
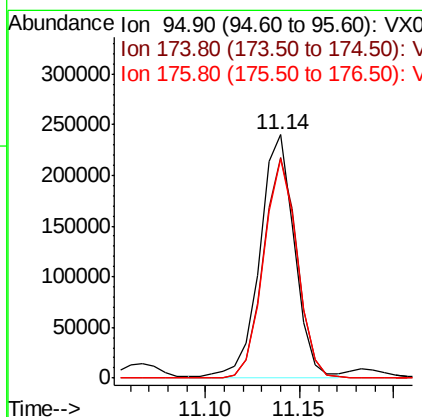
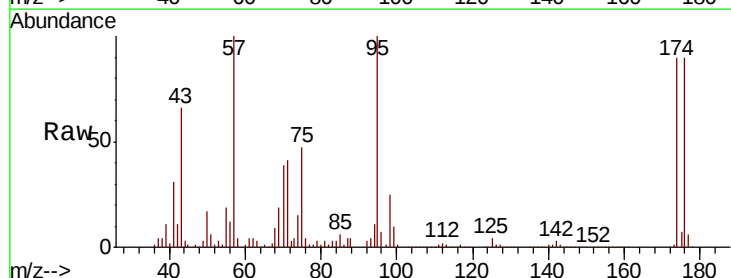
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-EDL

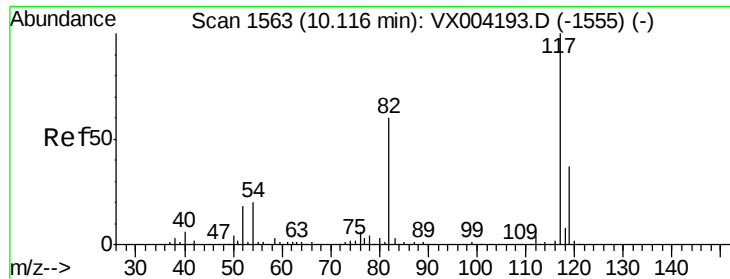
Tot Ion: 98 Resp: 740534
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 55.90 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion: 95 Resp: 305448
Ion Ratio Lower Upper
95 100
174 88.7 0.0 185.2
176 87.5 0.0 178.6

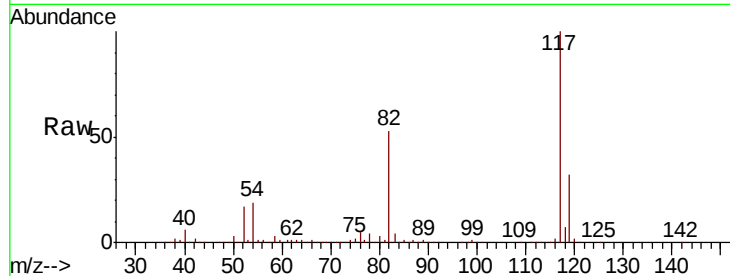




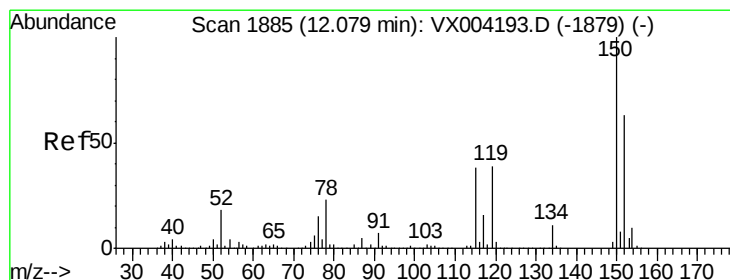
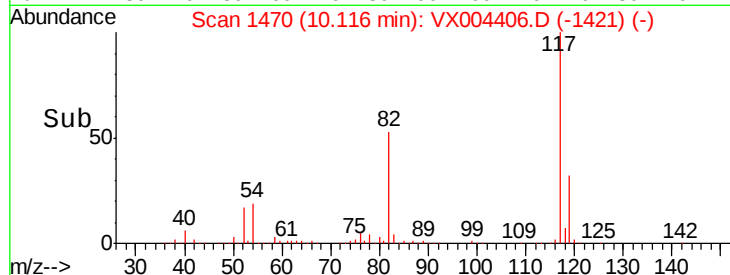
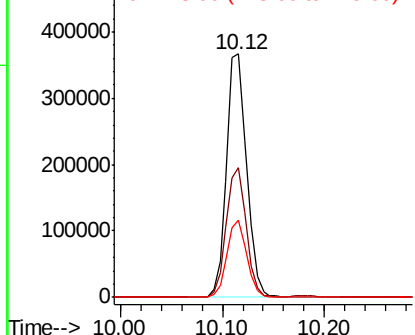
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

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

Tot Ion:117 Resp: 500195
Ion Ratio Lower Upper
117 100
82 53.4 47.8 71.6
119 31.9 29.3 43.9

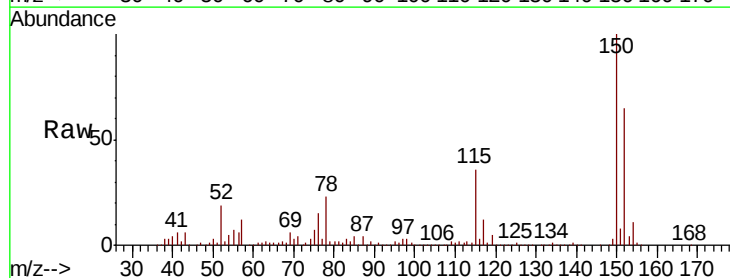


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

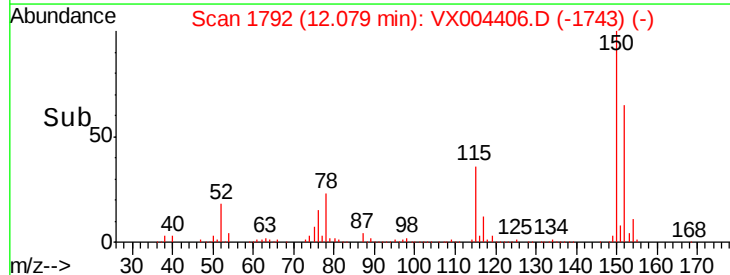
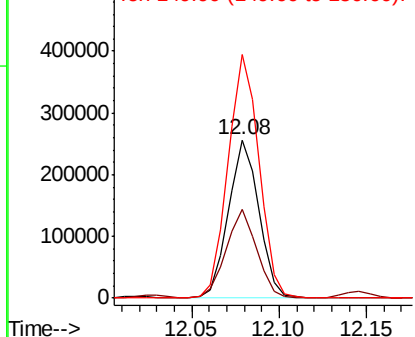


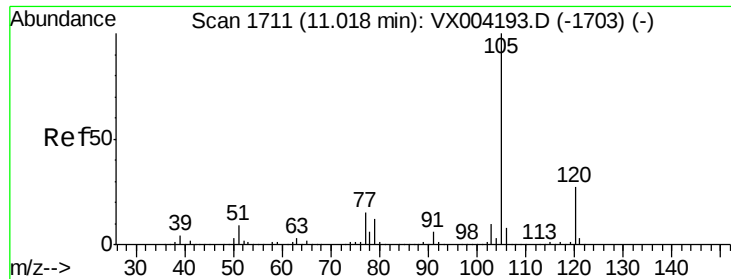
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion:152 Resp: 311483
Ion Ratio Lower Upper
152 100
115 56.3 39.0 117.0
150 156.0 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: 1.93 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

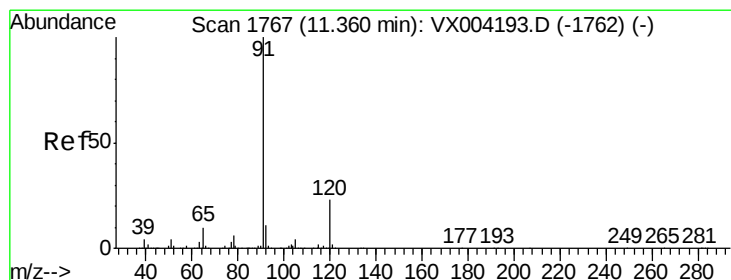
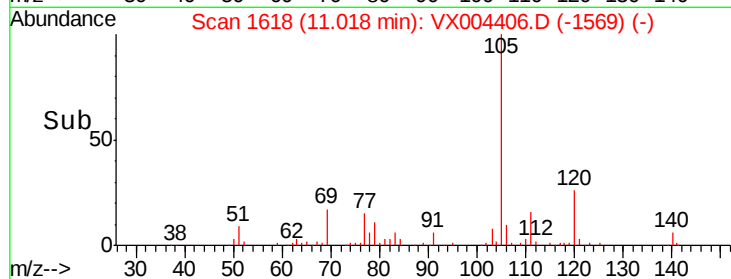
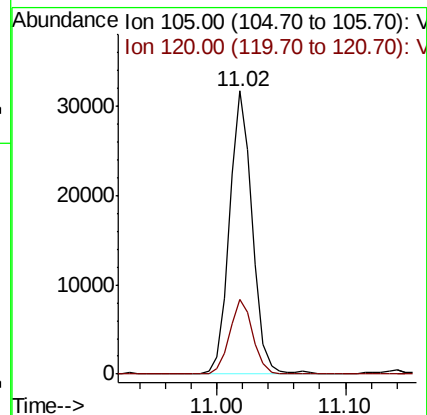
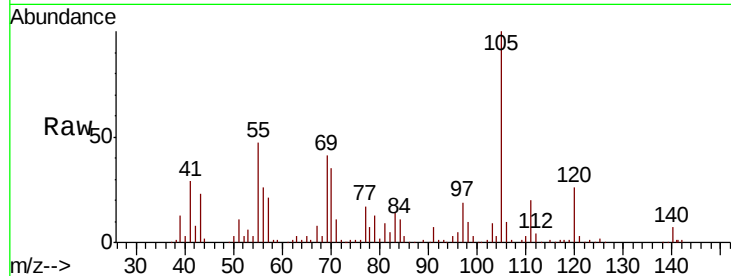
EP1-SUT-8USTS-EDL

Tot Ion:105 Resp: 39571

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#78

n-propylbenzene

Concen: 5.29 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004406.D

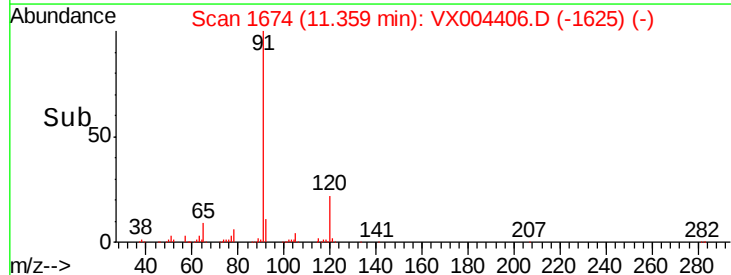
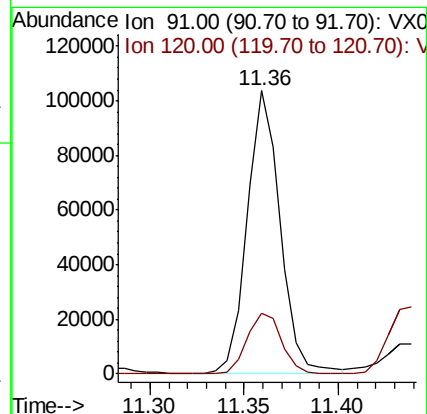
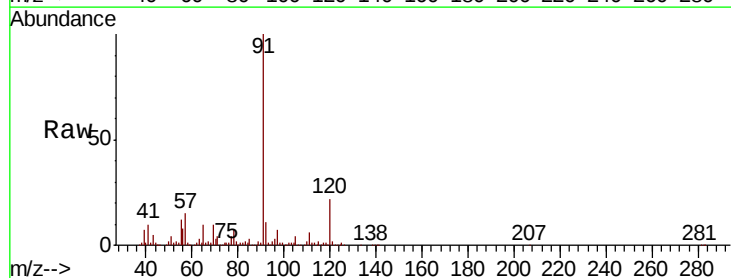
Acq: 07 Sep 2018 14:45

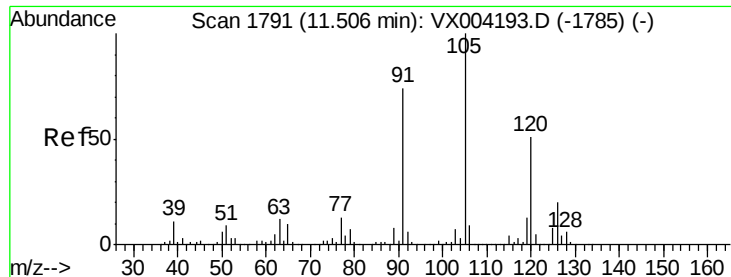
Tgt Ion: 91 Resp: 124389

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.9

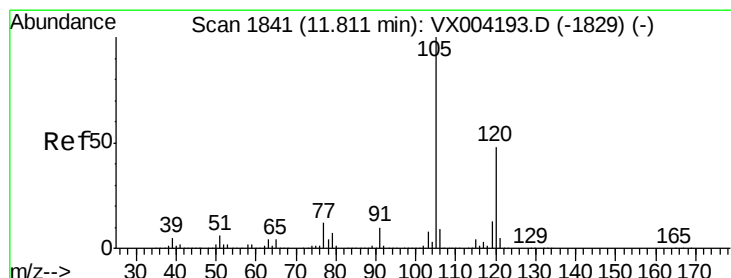
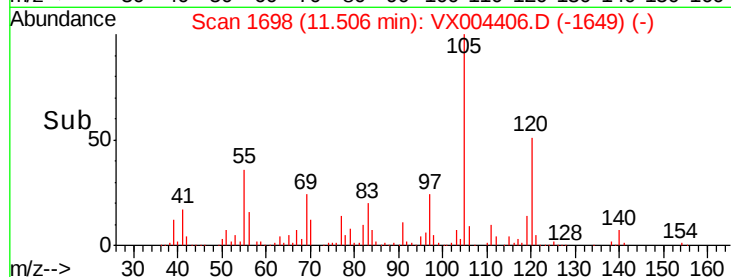
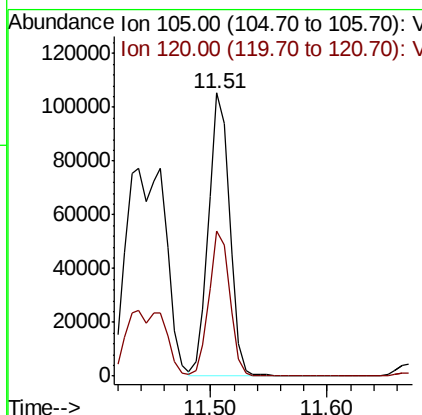
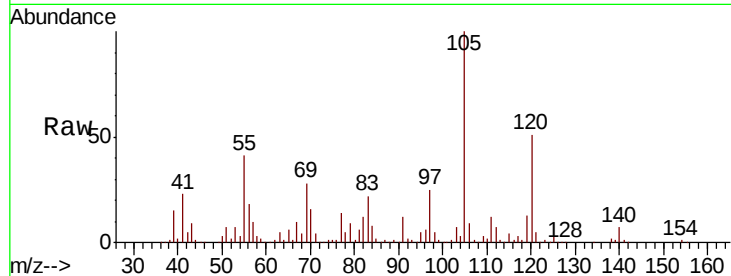




#80
 1,3,5-Trimethylbenzene
 Concen: 7.73 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

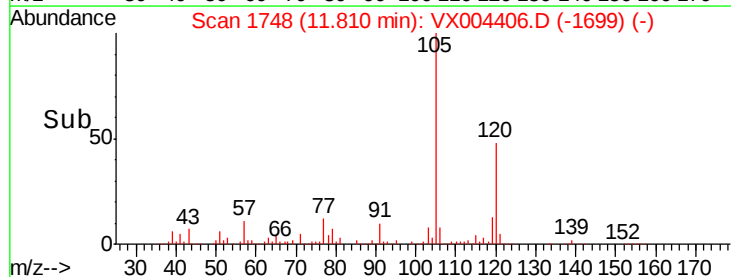
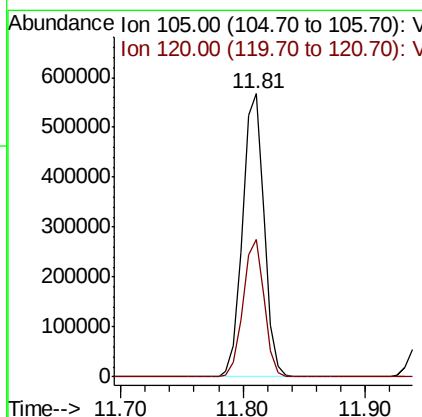
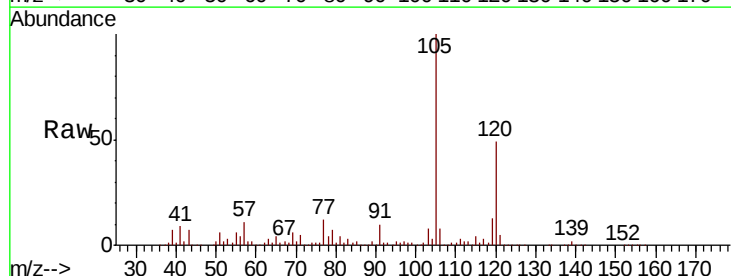
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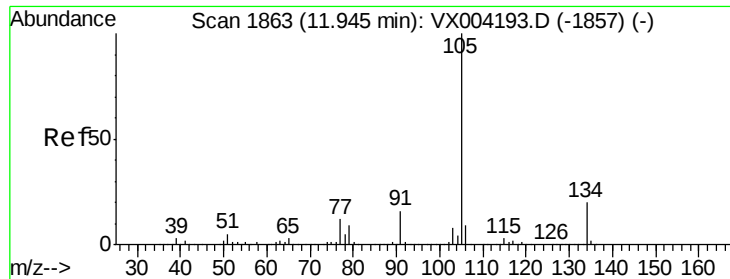
Tot Ion:105 Resp: 130937
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 39.35 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

Tgt Ion:105 Resp: 684398
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.2 69.6

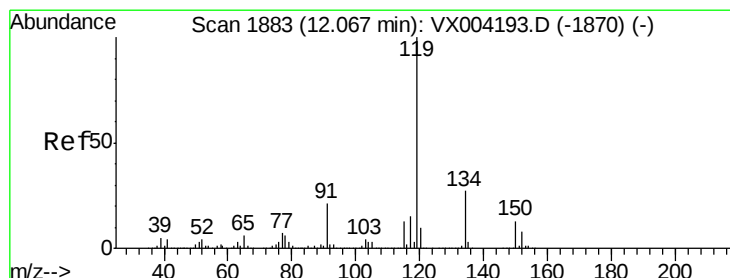
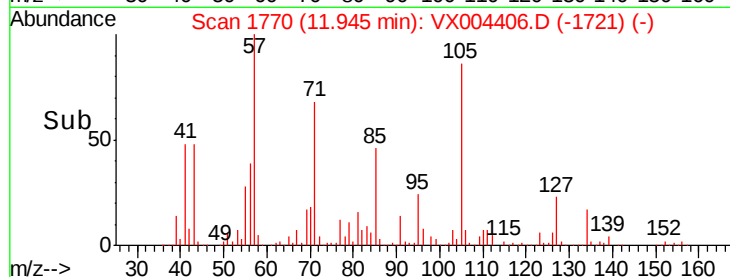
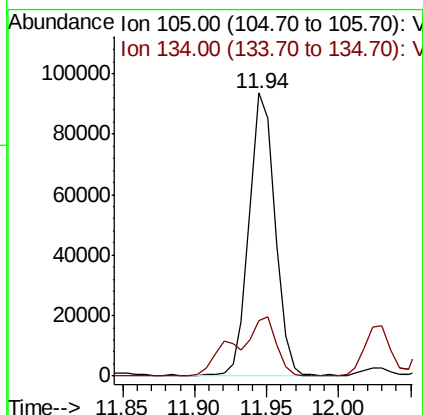
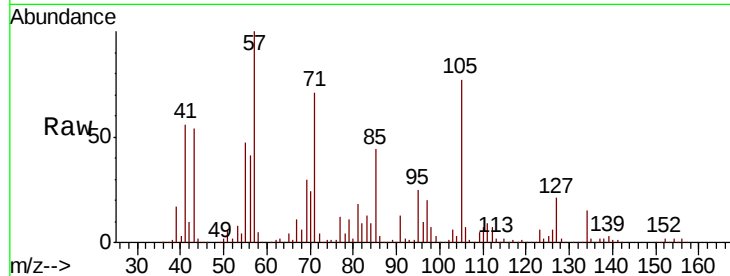




#85
 sec-Butylbenzene
 Concen: 5.69 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

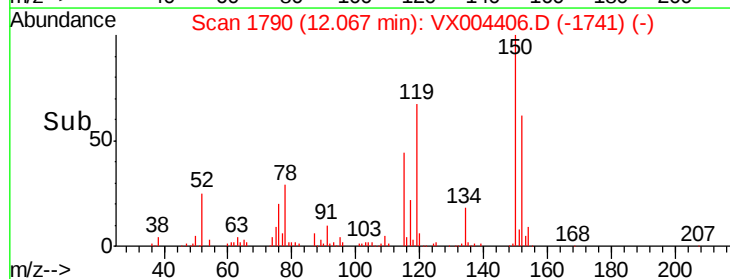
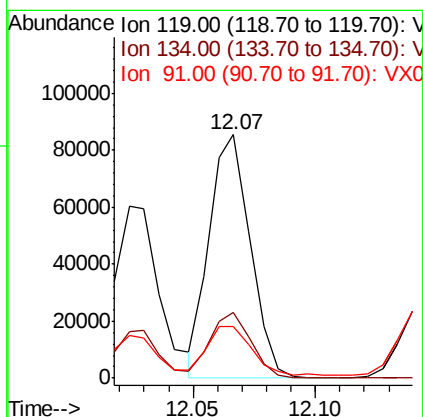
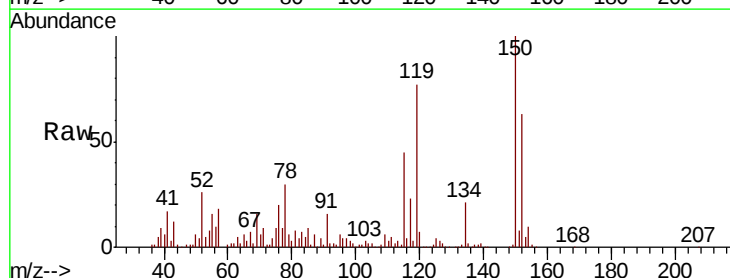
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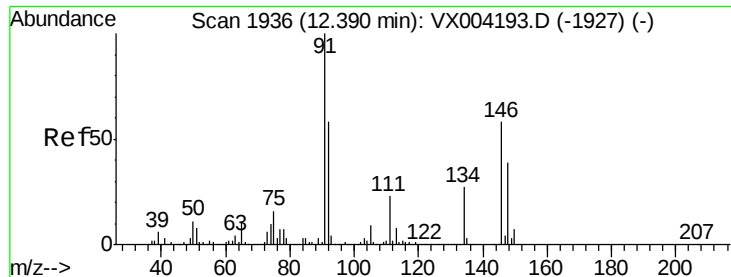
Tot Ion:105 Resp: 115106
 Ion Ratio Lower Upper
 105 100
 134 33.8 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 5.48 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

Tgt Ion:119 Resp: 99311
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.0 10.9 32.7

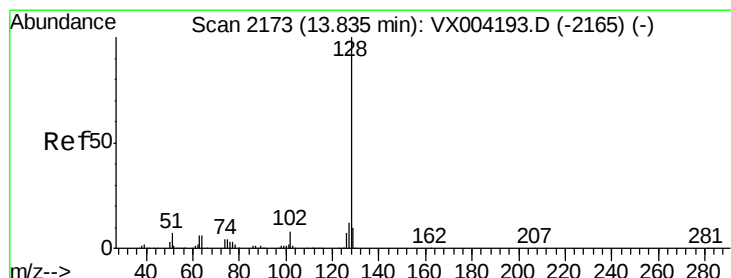
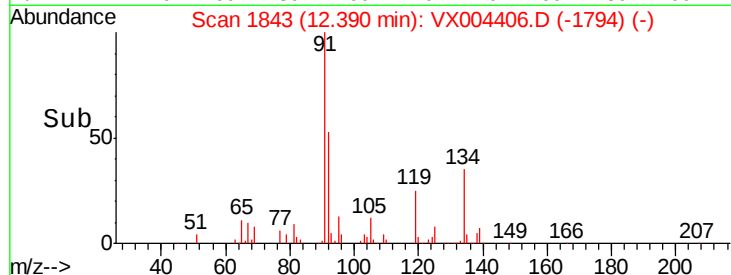
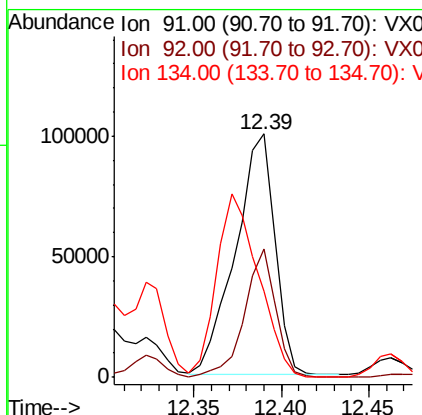
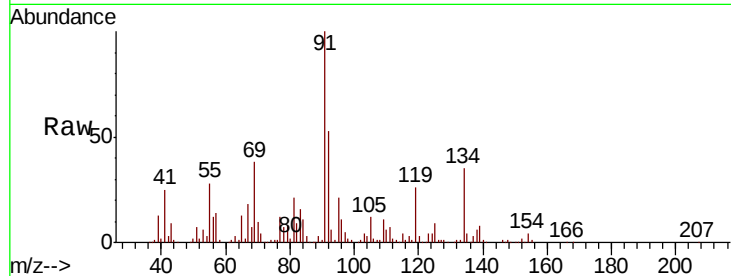




#89
n-Butylbenzene
Concen: 10.71 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

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

Tot Ion: 91 Resp: 157946
Ion Ratio Lower Upper
91 100
92 41.7 27.3 81.9
134 79.8 13.6 40.7#



#95
Naphthalene
Concen: 4.04 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion: 128 Resp: 82075
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.9 8.6 12.8

