

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004498.D
 Acq On : 12 Sep 2018 16:49
 Operator : JC/MD
 Sample : J4724-16 50X
 Misc : 4.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 13 11:59:51 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	208135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196391	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144426	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	5.50	113	125757	41.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.18%	
50) Toluene-d8	8.72	98	482433	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.14	95	198443	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	

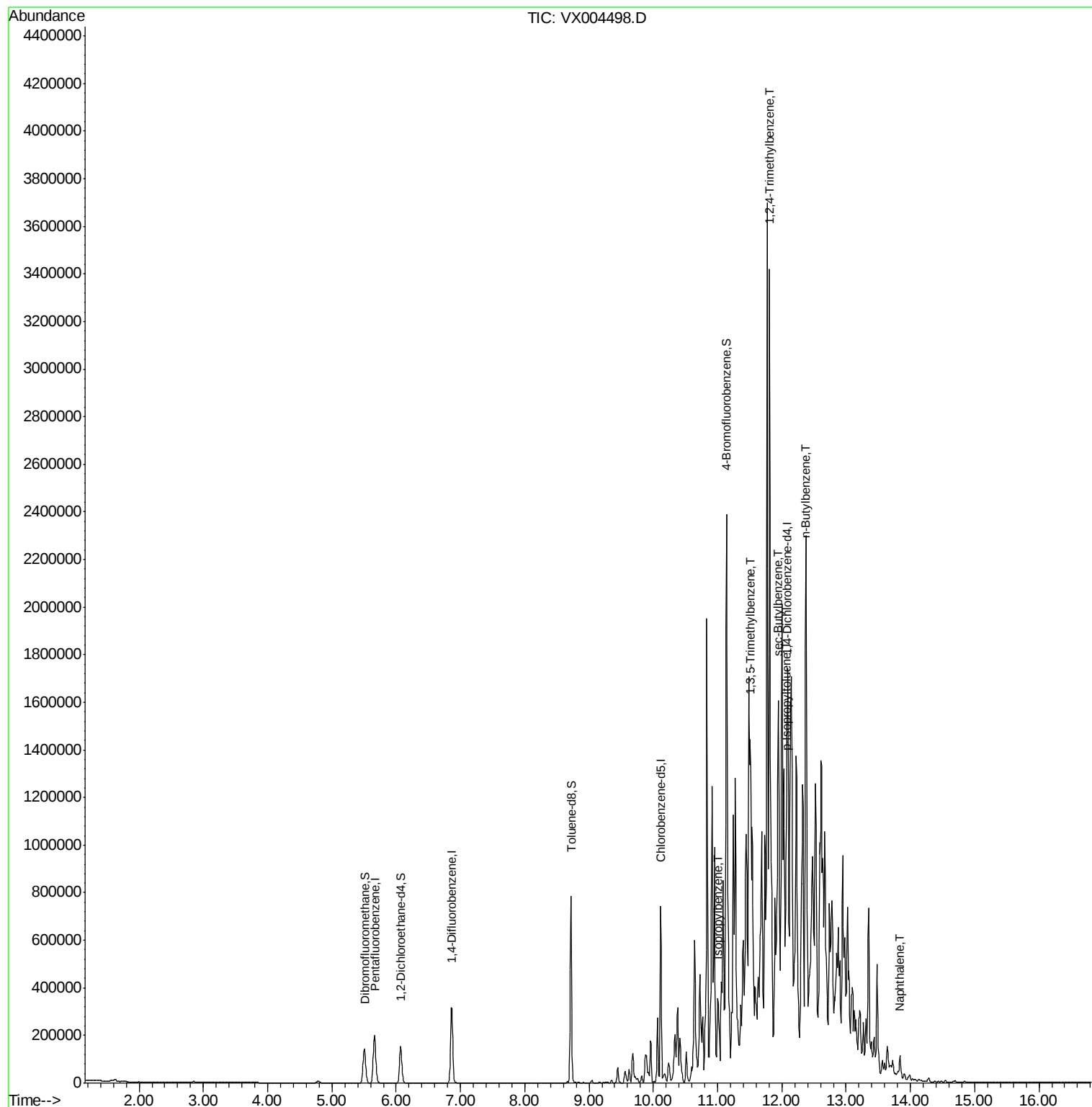
Target Compounds						Qvalue
73) Isopropylbenzene	11.02	105	35809	2.77	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	386326	35.53	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1159327	104.43	ug/l	100
85) sec-Butylbenzene	11.95	105	120015	9.10	ug/l #	78
86) p-Isopropyltoluene	12.07	119	154335	13.25	ug/l	100
89) n-Butylbenzene	12.38	91	215317	20.28	ug/l #	30
95) Naphthalene	13.83	128	61628	4.60	ug/l	96

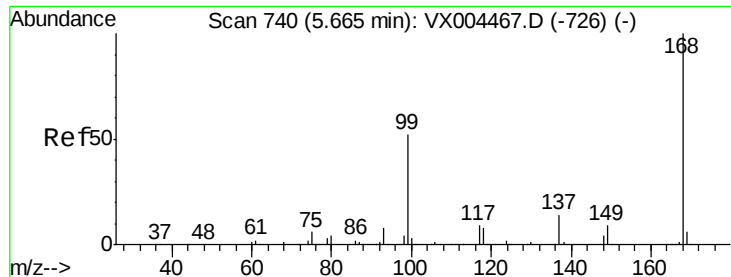
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
EP1-SUT-4USTS-S

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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: VX004498.D

Acq: 12 Sep 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

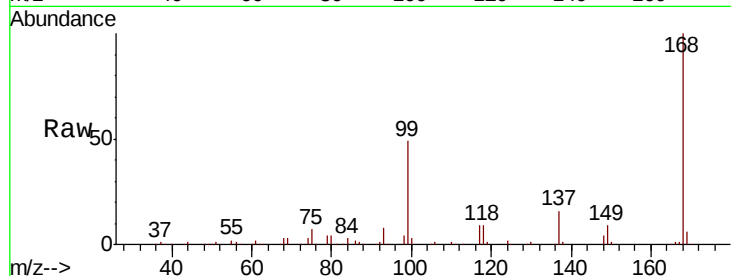
EP1-SUT-4USTS-S

Tot Ion:168 Resp: 208135

Ion Ratio Lower Upper

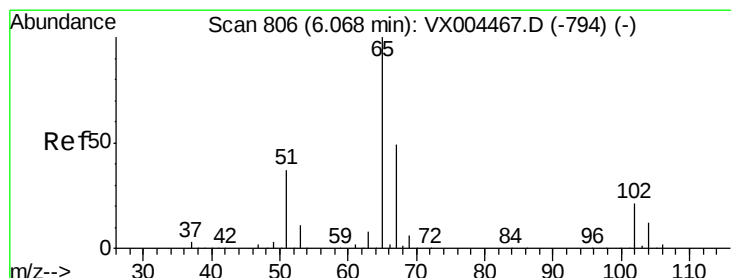
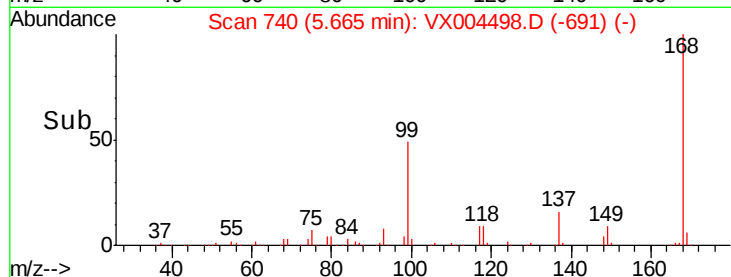
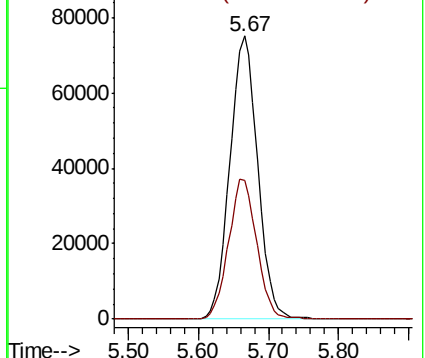
168 100

99 49.1 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: 53.82 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004498.D

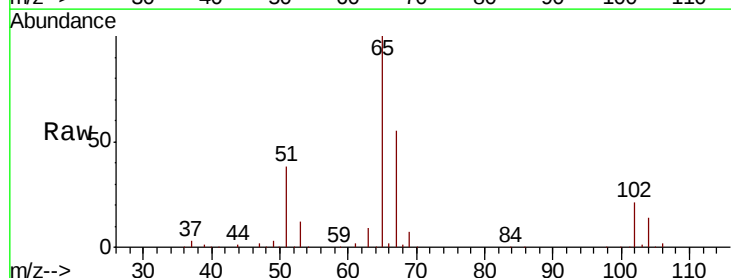
Acq: 12 Sep 2018 16:49

Tgt Ion: 65 Resp: 144426

Ion Ratio Lower Upper

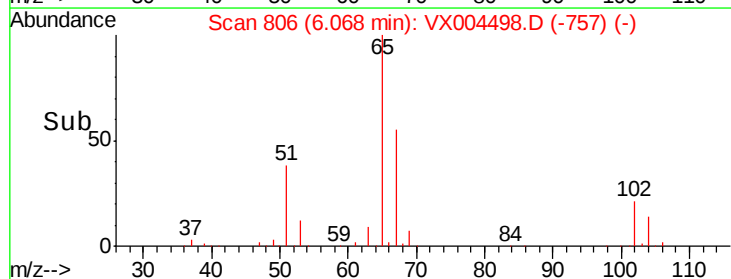
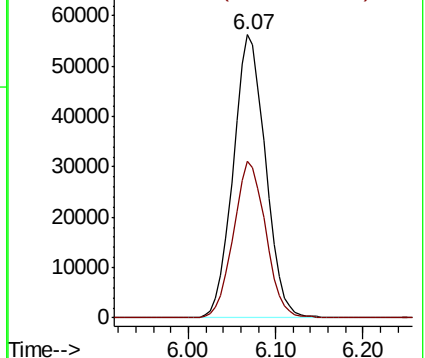
65 100

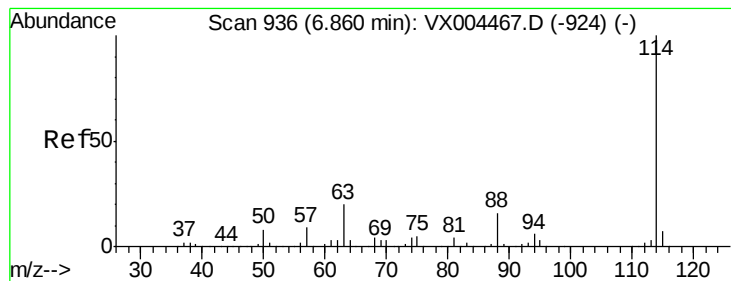
67 55.3 0.0 106.8



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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004498.D

Acq: 12 Sep 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-S

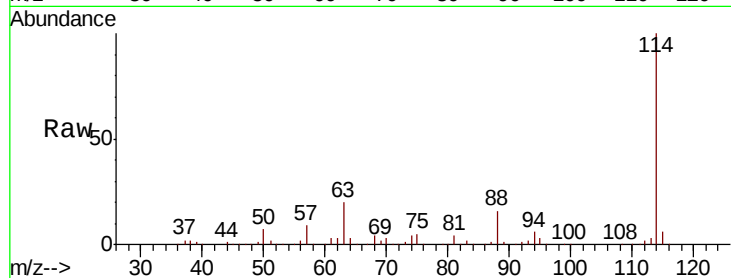
Tot Ion:114 Resp: 330391

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

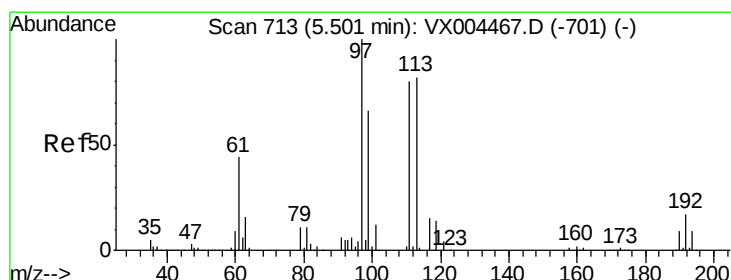
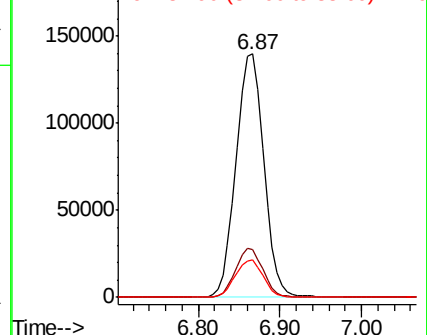
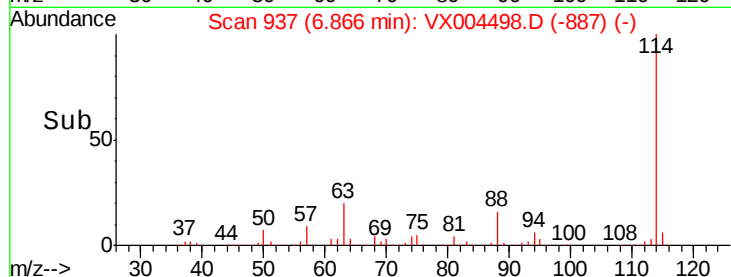
88 15.5 0.0 30.4



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: 41.59 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004498.D

Acq: 12 Sep 2018 16:49

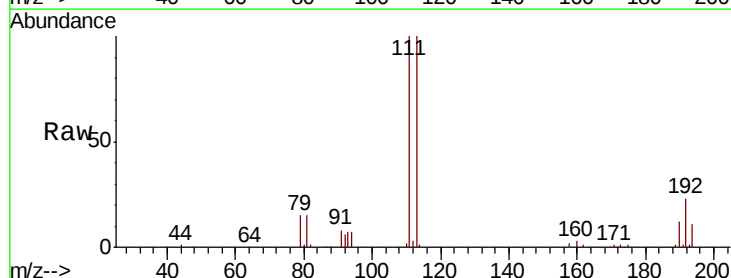
Tgt Ion:113 Resp: 125757

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

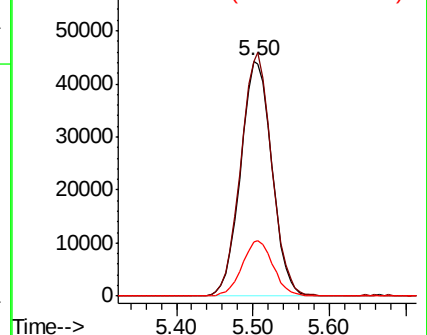
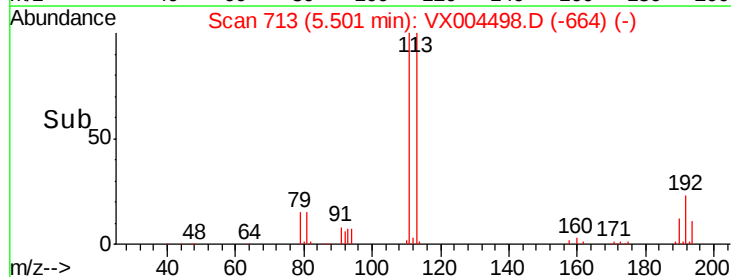
192 23.3 19.4 29.2

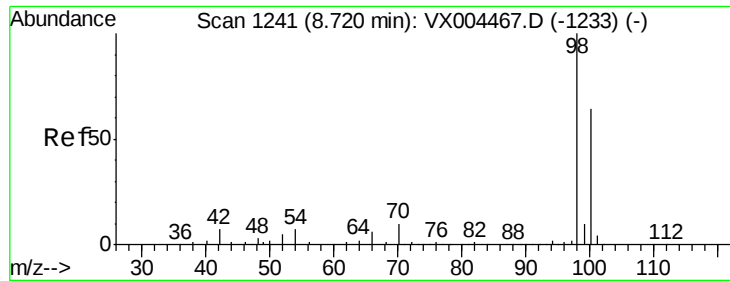


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

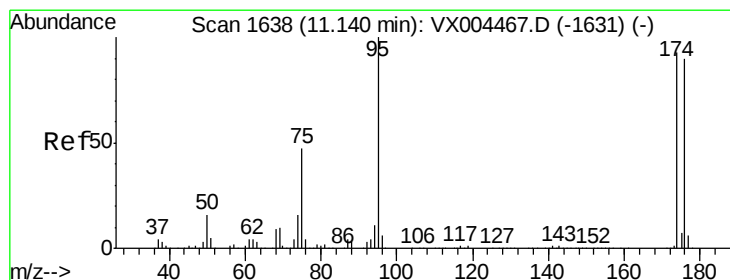
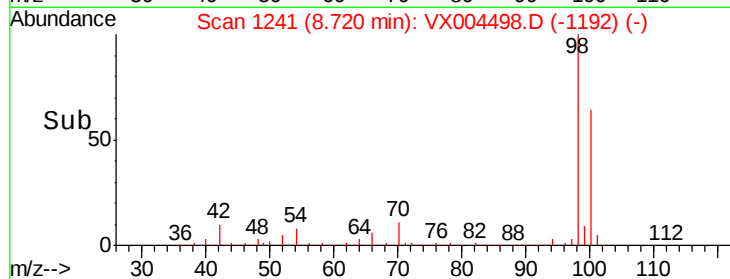
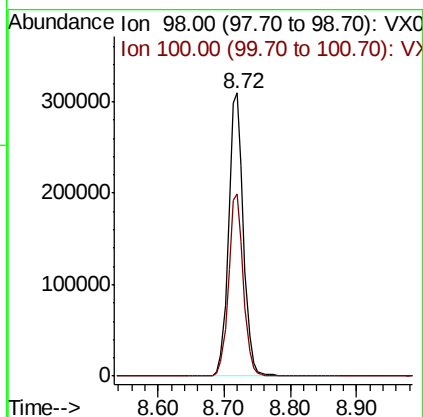
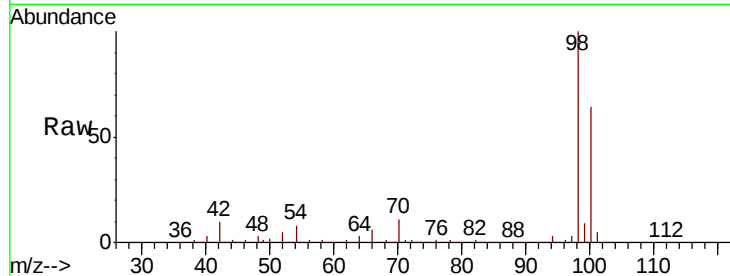




#50
Toluene-d8
Concen: 47.58 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004498.D
Acq: 12 Sep 2018 16:49

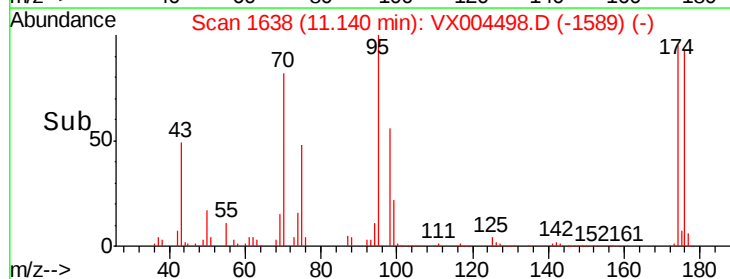
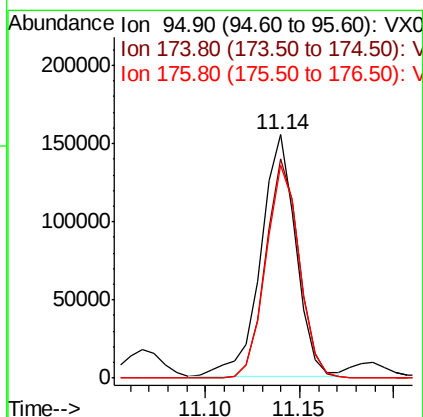
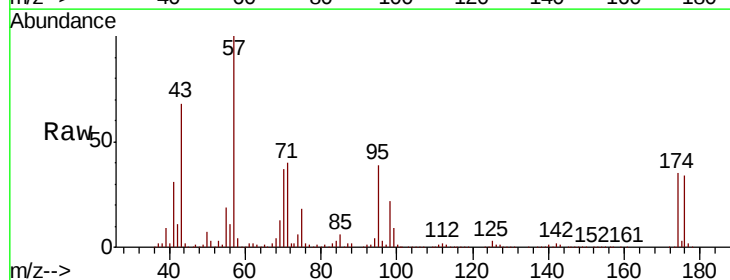
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-S

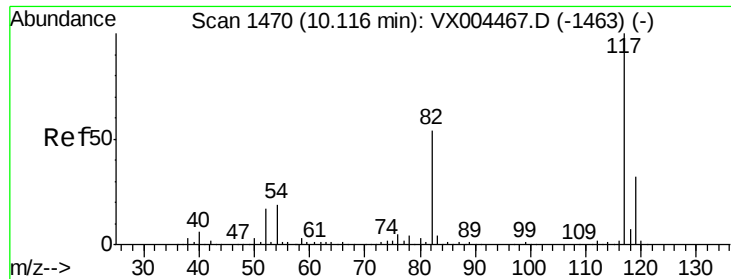
Tot Ion: 98 Resp: 482433
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 54.83 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004498.D
Acq: 12 Sep 2018 16:49

Tgt Ion: 95 Resp: 198443
Ion Ratio Lower Upper
95 100
174 87.0 0.0 185.2
176 84.9 0.0 178.6

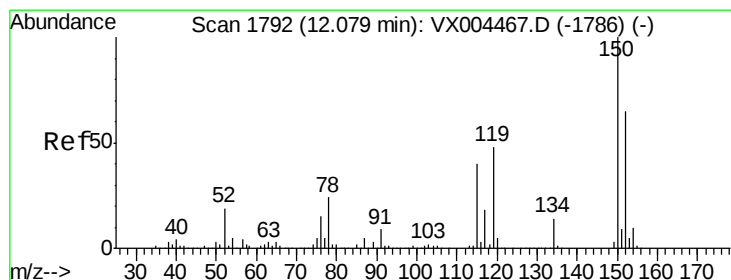
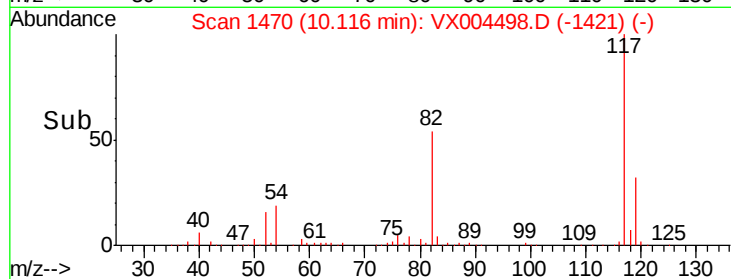
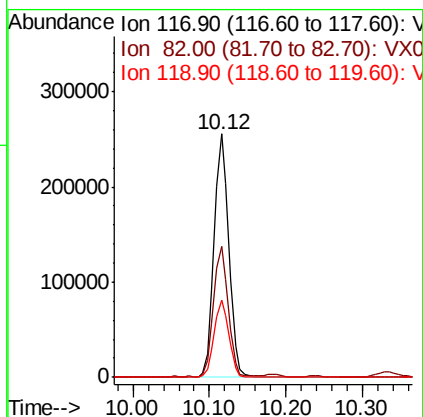
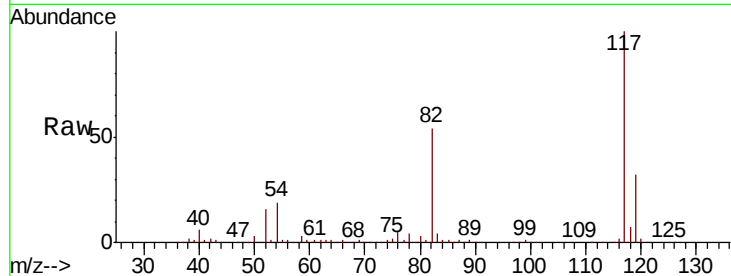




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004498.D
Acq: 12 Sep 2018 16:49

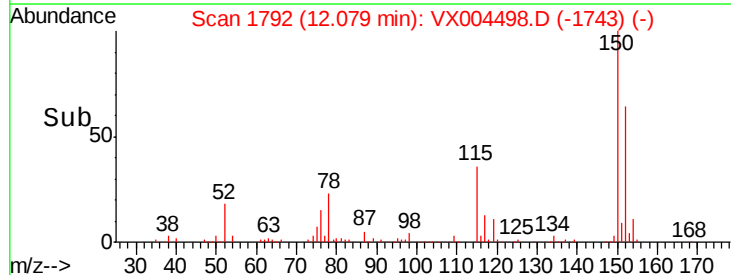
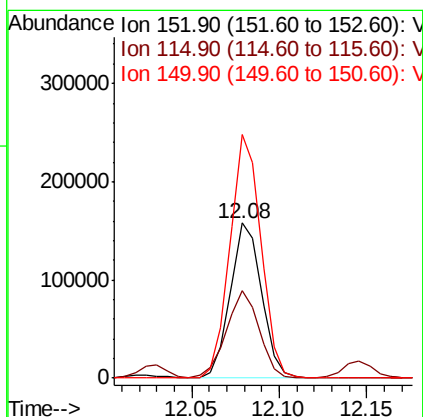
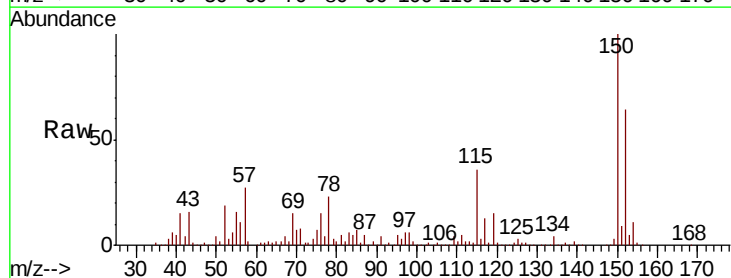
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-S

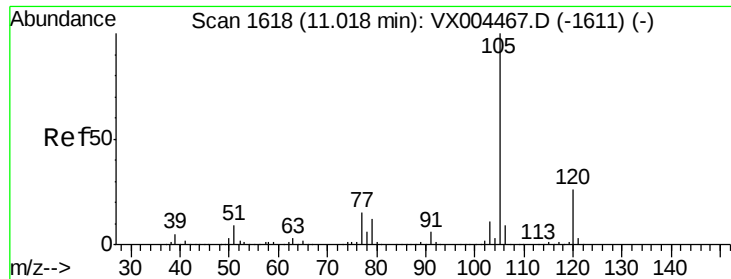
Tot Ion:117 Resp: 341123
Ion Ratio Lower Upper
117 100
82 53.9 47.8 71.6
119 32.0 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004498.D
Acq: 12 Sep 2018 16:49

Tgt Ion:152 Resp: 196391
Ion Ratio Lower Upper
152 100
115 58.6 39.0 117.0
150 155.7 0.0 351.0





#73

Isopropylbenzene

Concen: 2.77 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004498.D

Acq: 12 Sep 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

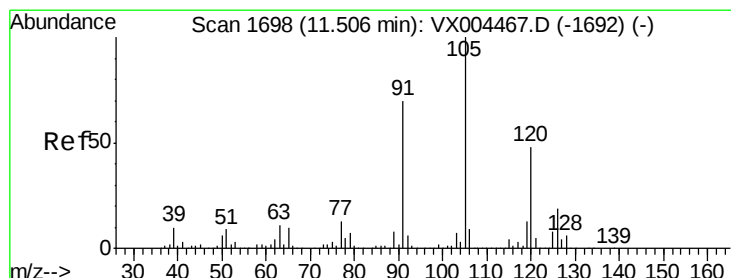
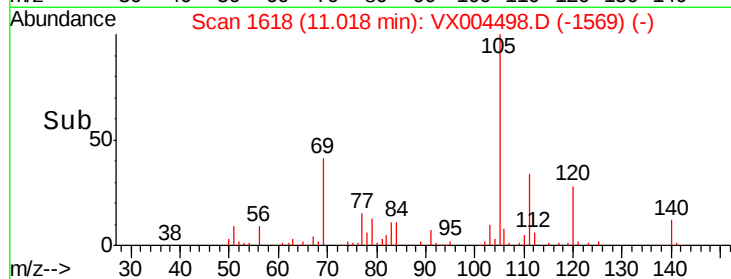
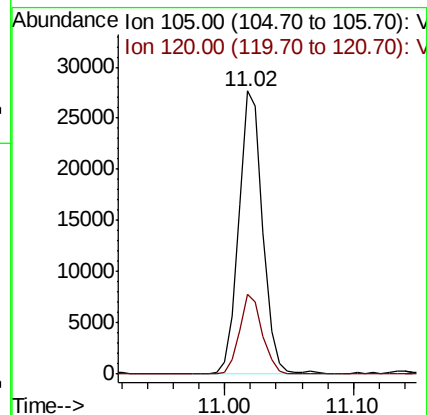
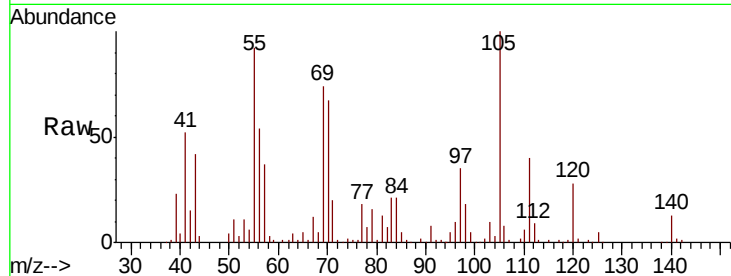
EP1-SUT-4USTS-S

Tot Ion:105 Resp: 35809

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#80

1,3,5-Trimethylbenzene

Concen: 35.53 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004498.D

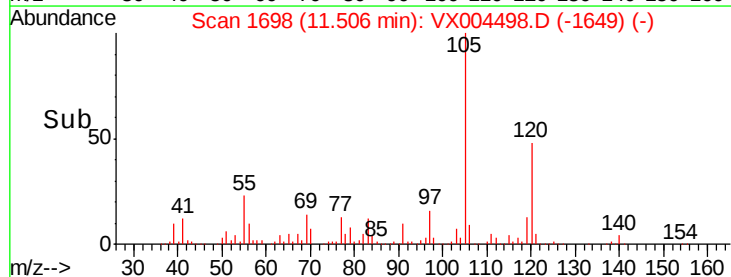
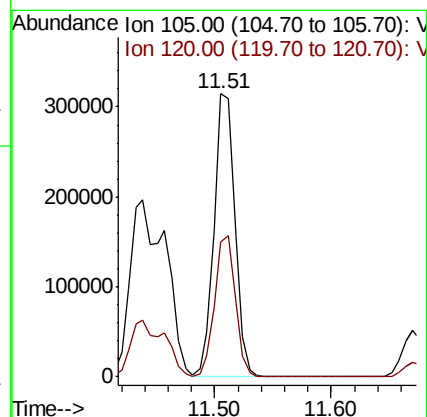
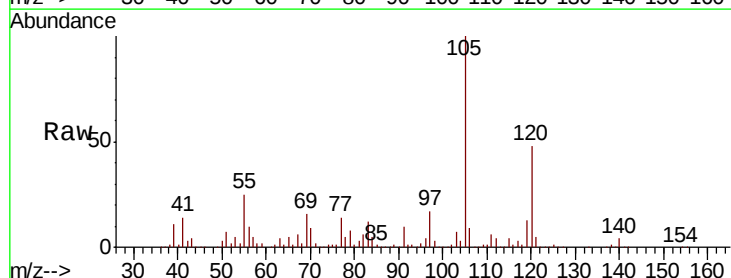
Acq: 12 Sep 2018 16:49

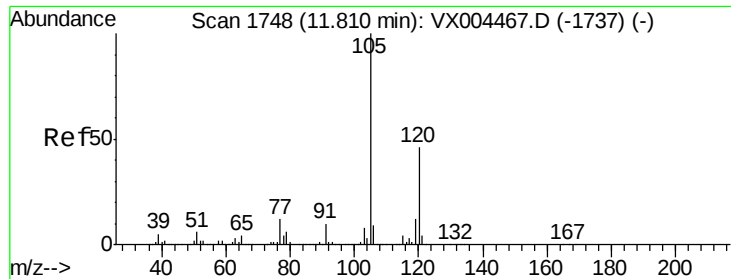
Tgt Ion:105 Resp: 386326

Ion Ratio Lower Upper

105 100

120 49.4 25.6 76.8

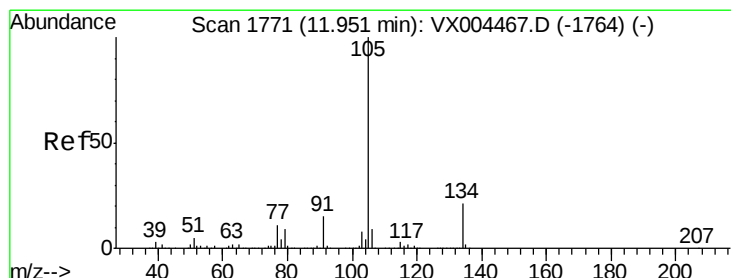
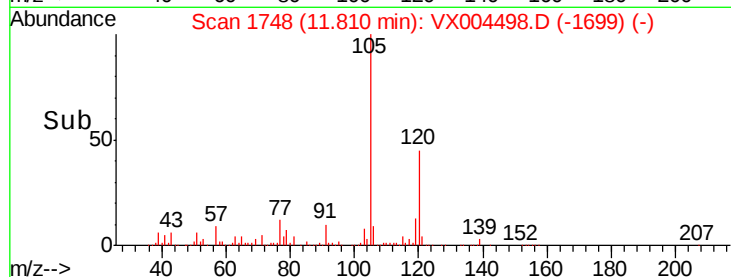
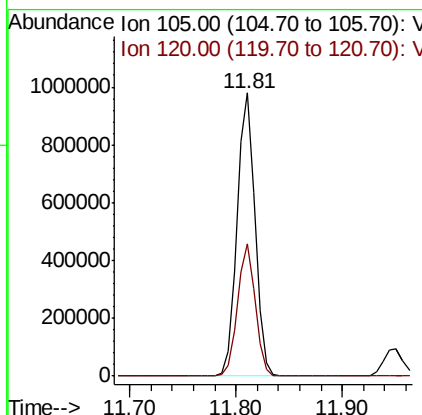
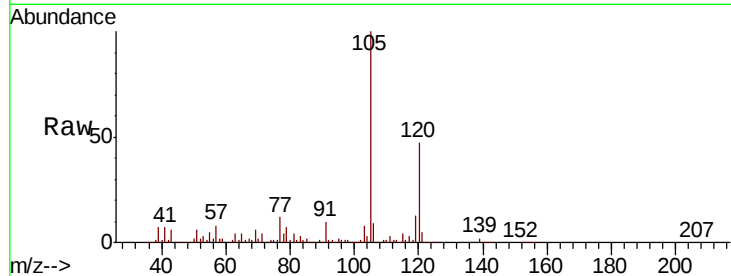




#84
 1,2,4-Trimethylbenzene
 Concen: 104.43 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004498.D
 Acq: 12 Sep 2018 16:49

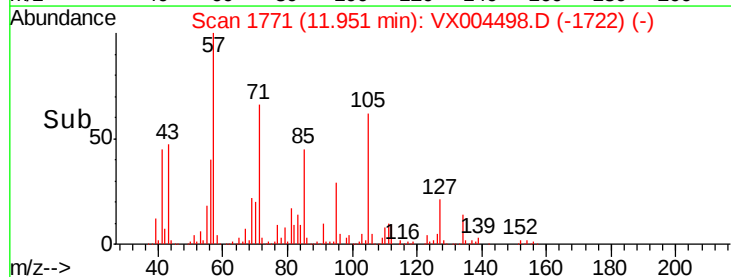
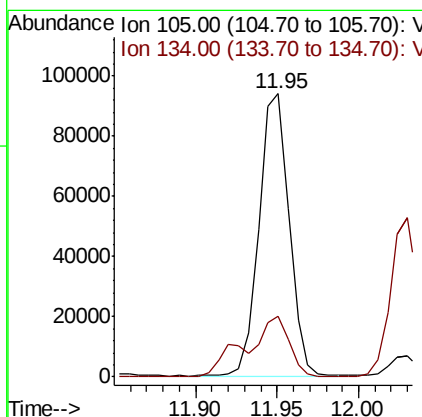
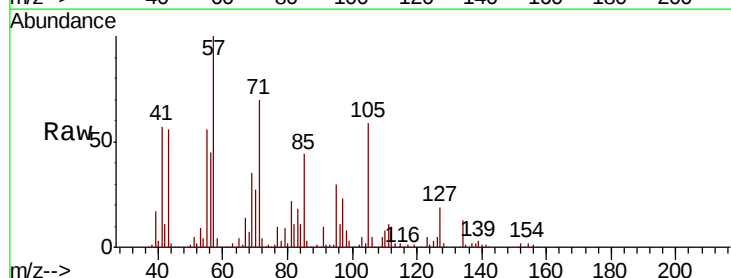
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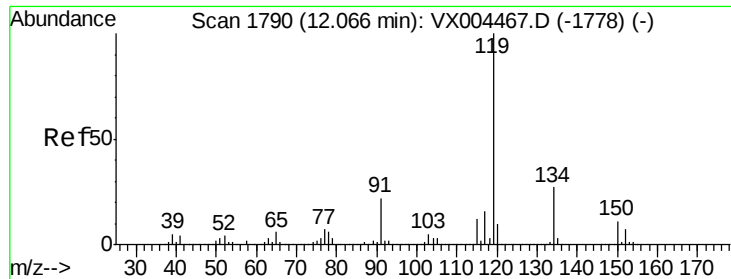
Tot Ion:105 Resp: 1159327
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 9.10 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: VX004498.D
 Acq: 12 Sep 2018 16:49

Tgt Ion:105 Resp: 120015
 Ion Ratio Lower Upper
 105 100
 134 31.5 10.5 31.5#

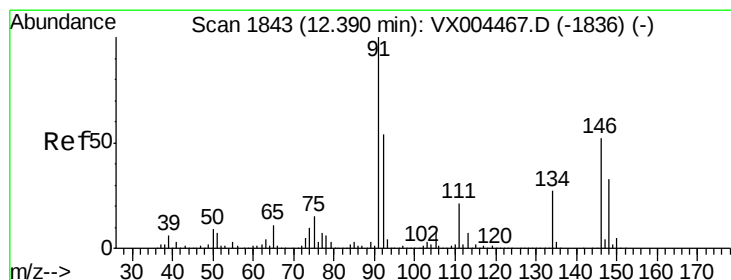
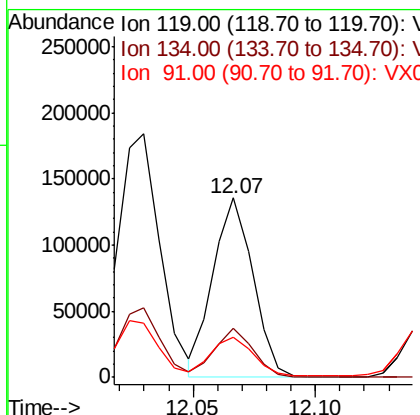
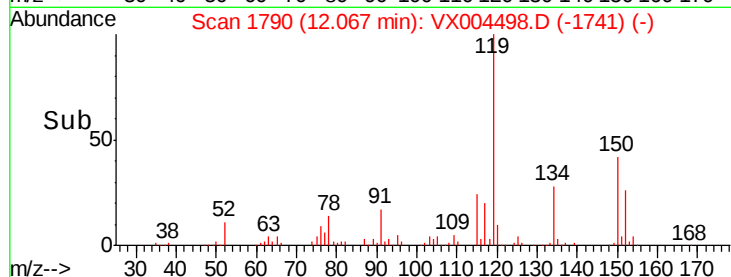
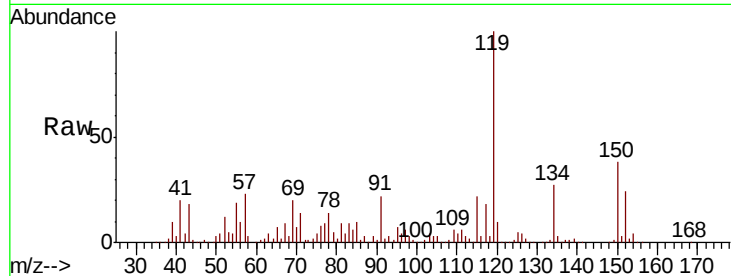




#86
p-Isopropyltoluene
Concen: 13.25 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX004498.D
Acq: 12 Sep 2018 16:49

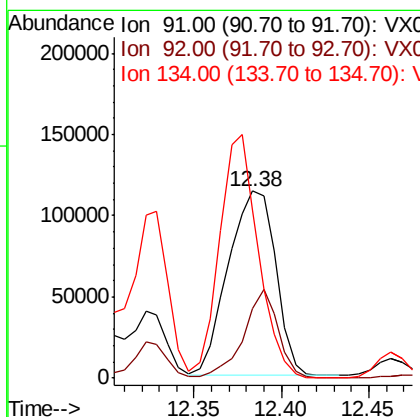
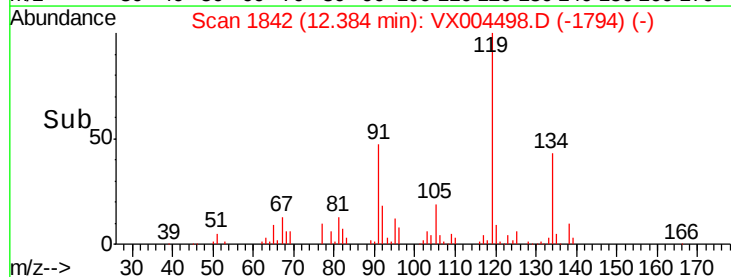
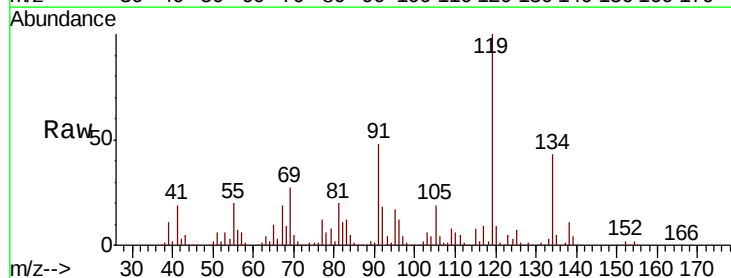
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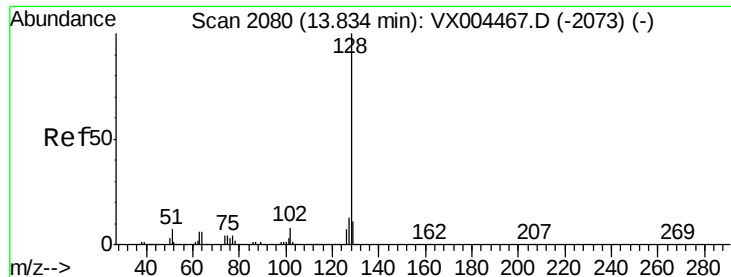
Tot Ion:119 Resp: 154335
Ion Ratio Lower Upper
119 100
134 26.8 13.4 40.2
91 22.3 10.9 32.7



#89
n-Butylbenzene
Concen: 20.28 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX004498.D
Acq: 12 Sep 2018 16:49

Tgt Ion: 91 Resp: 215317
Ion Ratio Lower Upper
91 100
92 34.2 27.3 81.9
134 106.4 13.6 40.7#

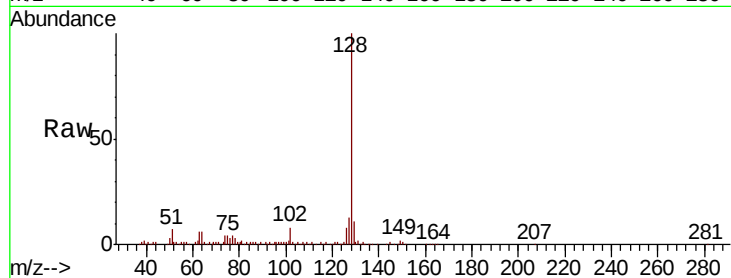




#95
Naphthalene
Concen: 4.60 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004498.D
Acq: 12 Sep 2018 16:49

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	12.7	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

