

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009825.D
 Acq On : 23 May 2019 00:31
 Operator : JC/SP
 Sample : K2976-04 50X
 Misc : 6.67g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E3-4R(17-20)

Quant Time: May 23 08:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

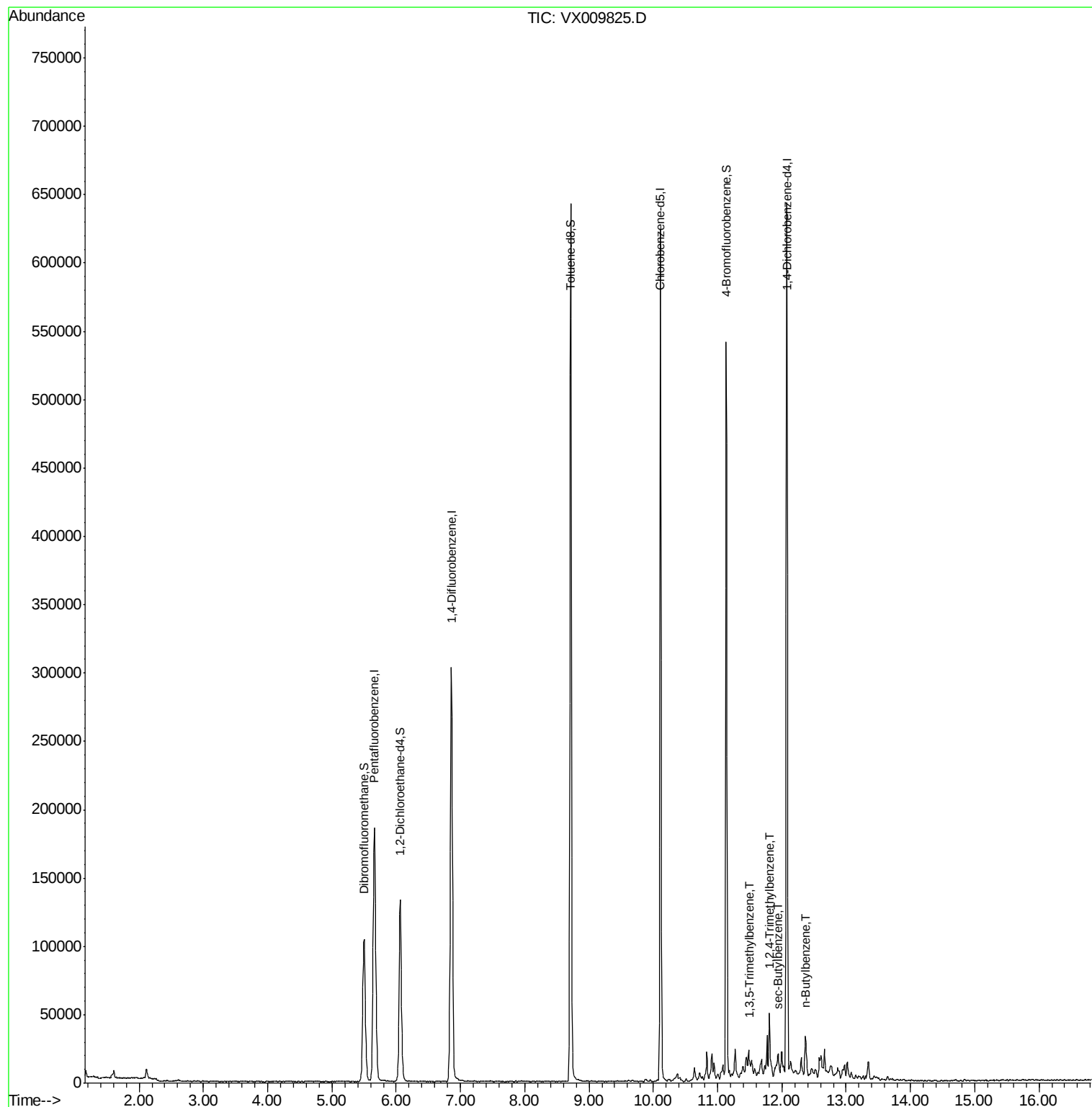
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125204	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	5.49	113	88950	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	372079	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	136389	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	11.51	105	1977	0.250	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	16288	2.051	ug/l	99
85) sec-Butylbenzene	11.94	105	2955	0.324	ug/l #	66
89) n-Butylbenzene	12.38	91	3880	0.523	ug/l #	74

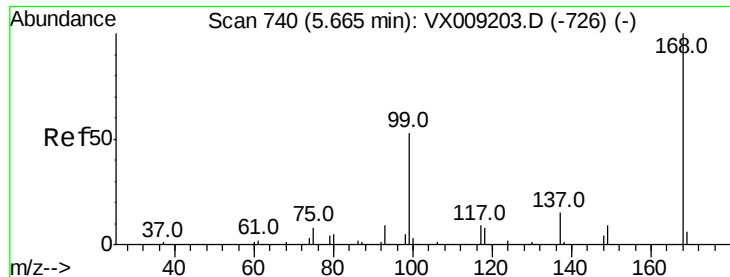
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
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EP1-SB-E3-4R(17-20)

Quant Time: May 23 08:37:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009825.D

Acq: 23 May 2019 00:31

Instrument :

MSVOA_X

ClientSampleId :

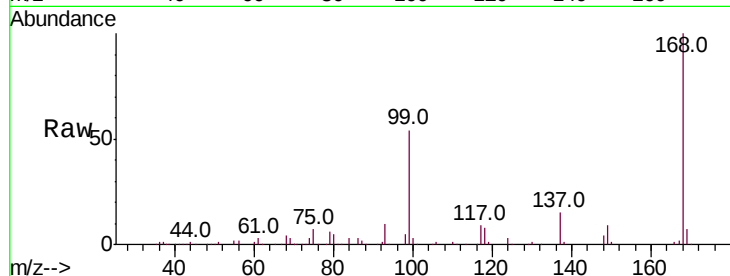
EP1-SB-E3-4R(17-20)

Tot Ion:168 Resp: 180896

Ion Ratio Lower Upper

168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

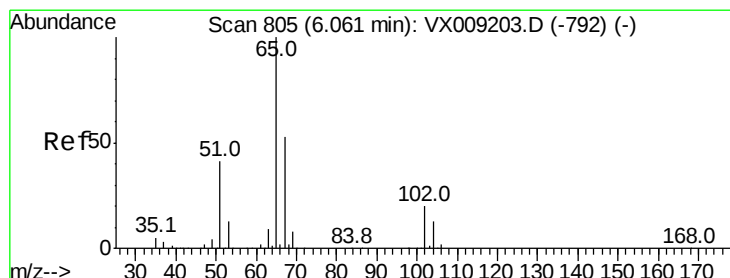
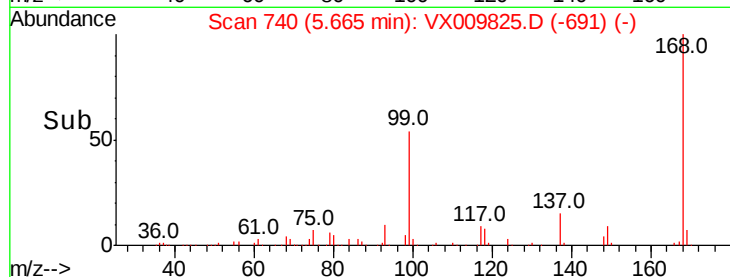
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.701 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009825.D

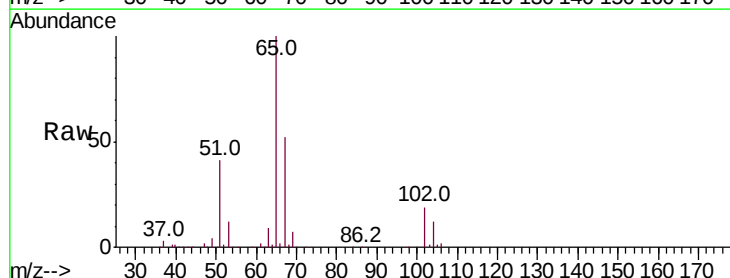
Acq: 23 May 2019 00:31

Tgt Ion: 65 Resp: 125204

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

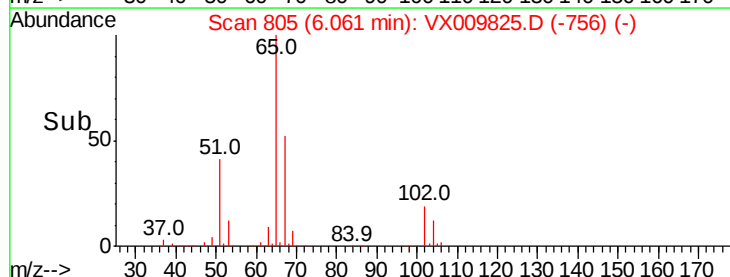
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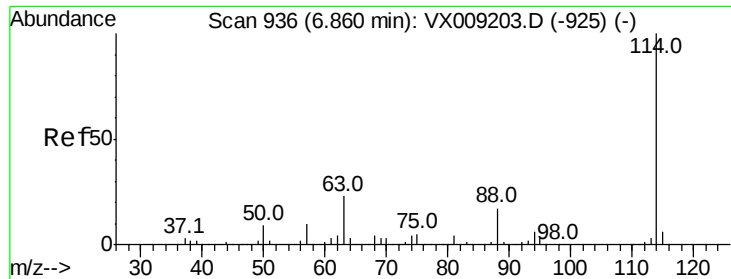
10000

0

Time-->

5.90 6.00 6.10 6.20

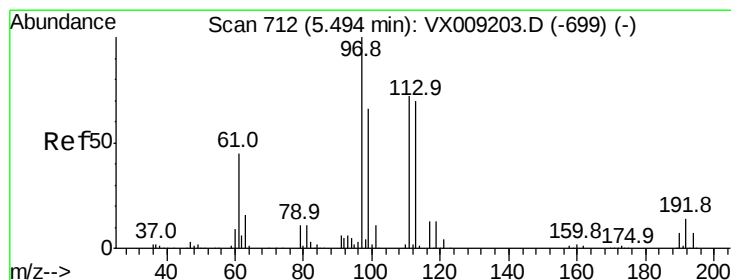
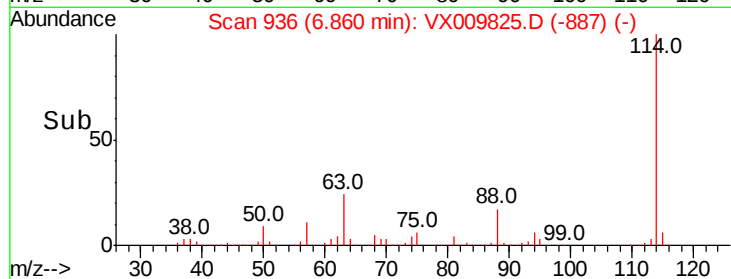
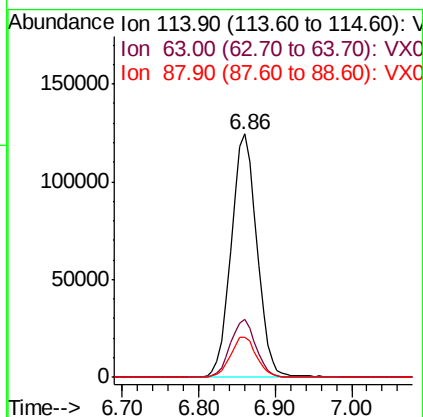
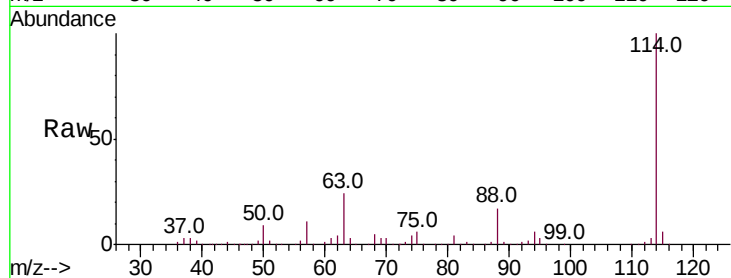




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009825.D
 Acq: 23 May 2019 00:31

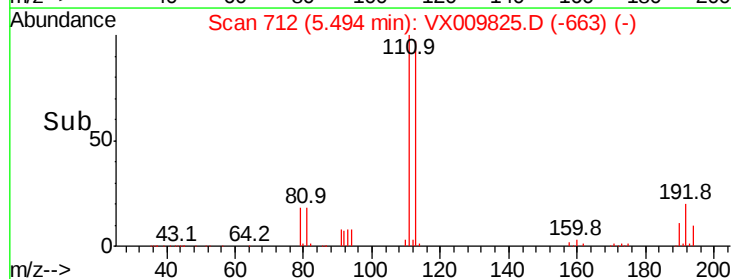
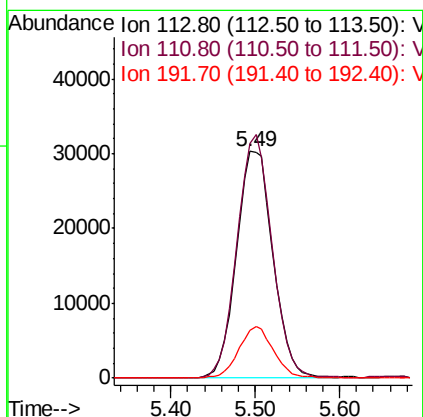
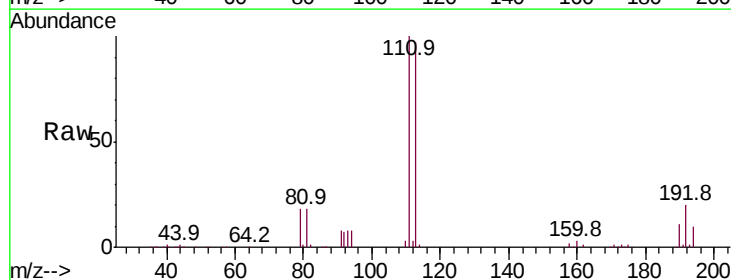
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E3-4R(17-20)

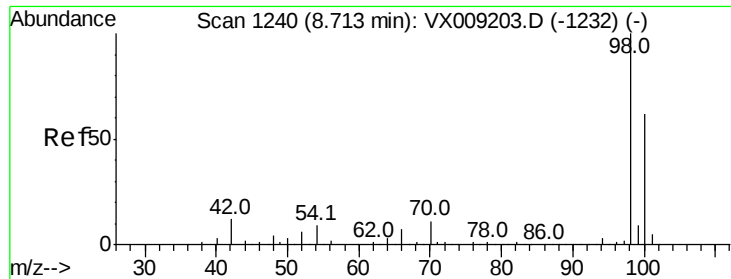
Tot Ion:114 Resp: 291345
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 45.6
 88 16.7 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.566 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009825.D
 Acq: 23 May 2019 00:31

Tgt Ion:113 Resp: 88950
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.8 124.2
 192 21.6 17.0 25.6

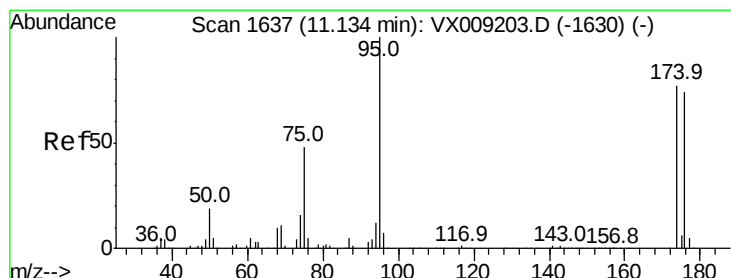
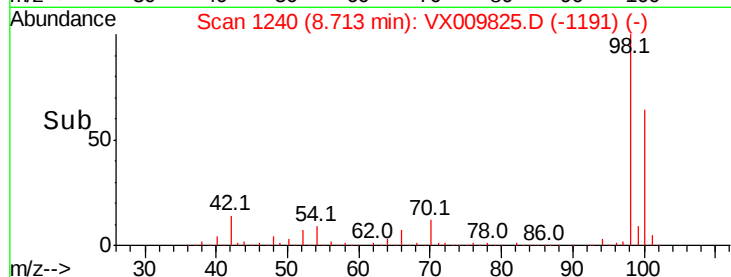
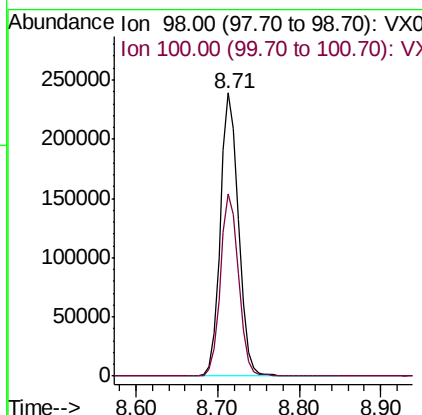
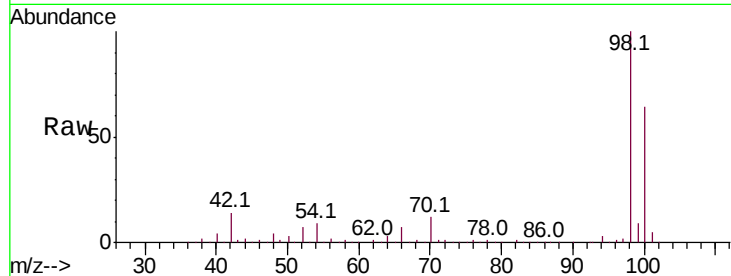




#50
Toluene-d8
Concen: 50.320 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009825.D
Acq: 23 May 2019 00:31

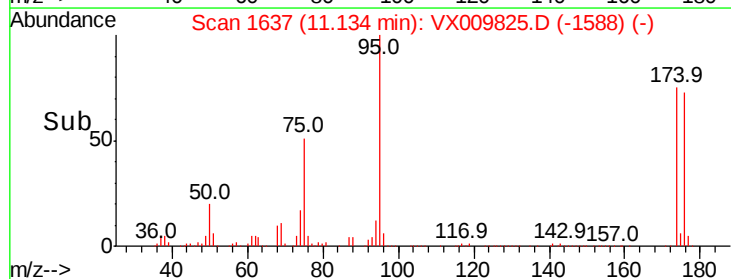
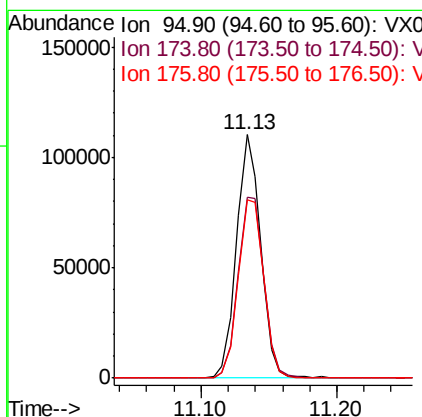
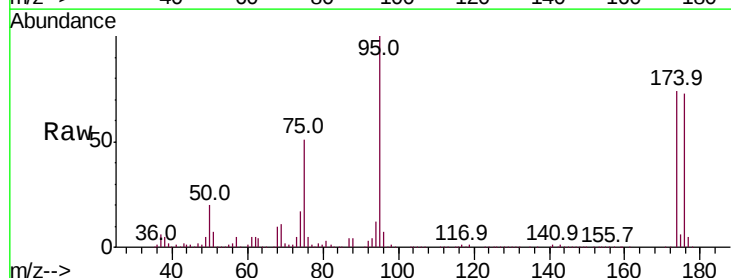
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(17-20)

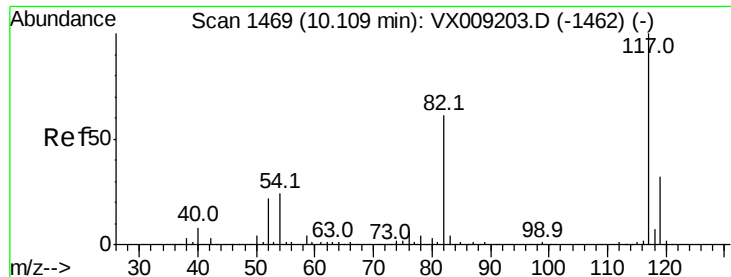
Tot Ion: 98 Resp: 372079
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.763 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009825.D
Acq: 23 May 2019 00:31

Tgt Ion: 95 Resp: 136389
Ion Ratio Lower Upper
95 100
174 79.5 0.0 161.6
176 77.6 0.0 159.2

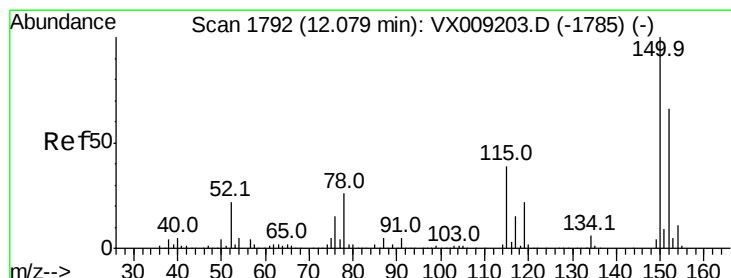
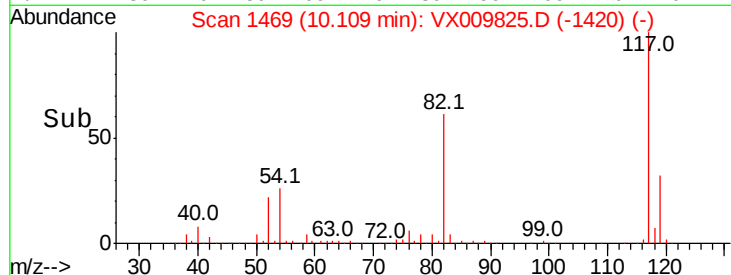
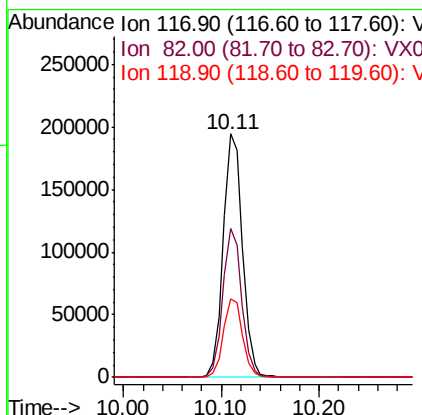
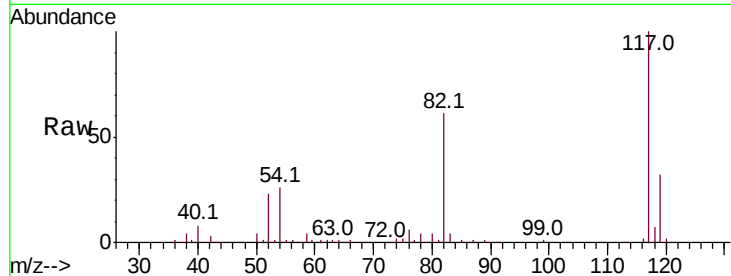




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009825.D
 Acq: 23 May 2019 00:31

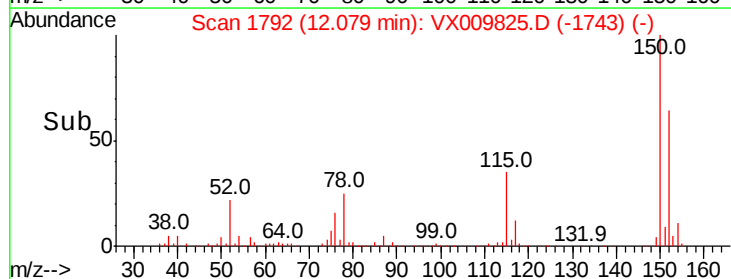
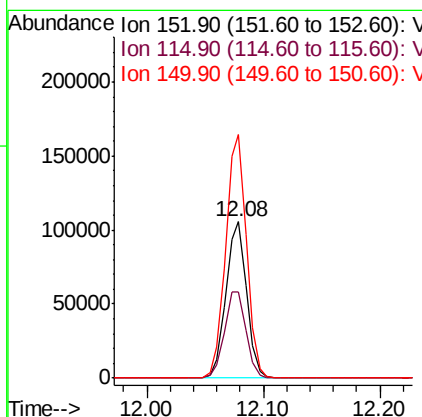
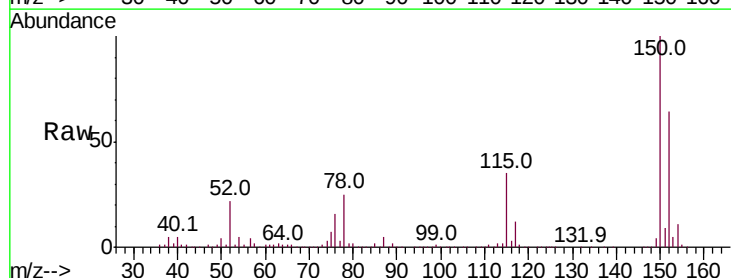
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E3-4R(17-20)

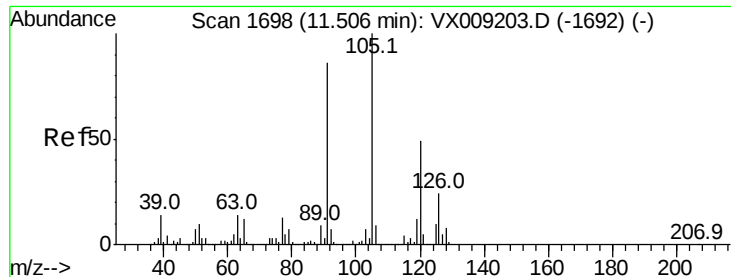
Tot Ion:117 Resp: 266524
 Ion Ratio Lower Upper
 117 100
 82 61.3 48.8 73.2
 119 32.5 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009825.D
 Acq: 23 May 2019 00:31

Tgt Ion:152 Resp: 129245
 Ion Ratio Lower Upper
 152 100
 115 57.9 41.2 123.6
 150 157.0 0.0 346.4





#80

1,3,5-Trimethylbenzene

Concen: 0.250 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009825.D

Acq: 23 May 2019 00:31

Instrument :

MSVOA_X

ClientSampleId :

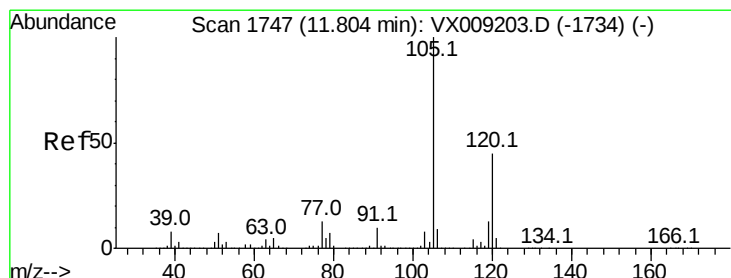
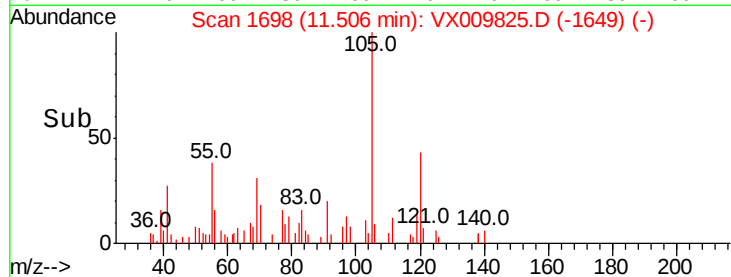
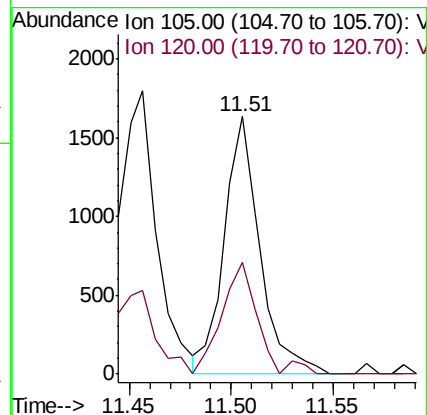
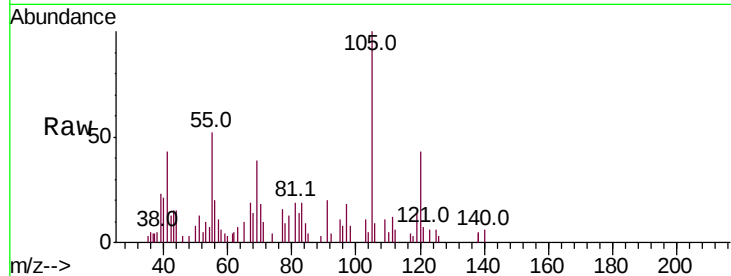
EP1-SB-E3-4R(17-20)

Tot Ion:105 Resp: 1977

Ion Ratio Lower Upper

105 100

120 43.9 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 2.051 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009825.D

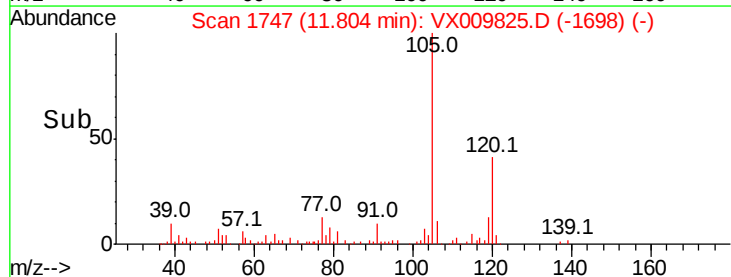
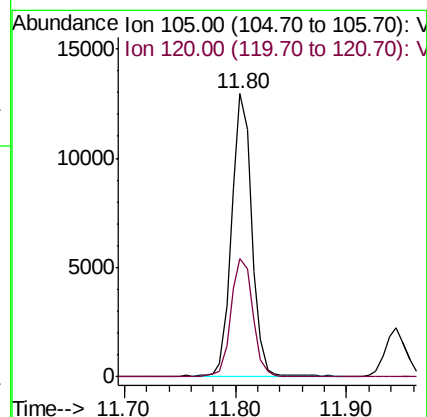
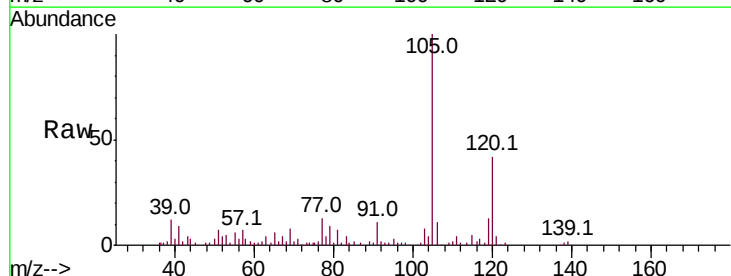
Acq: 23 May 2019 00:31

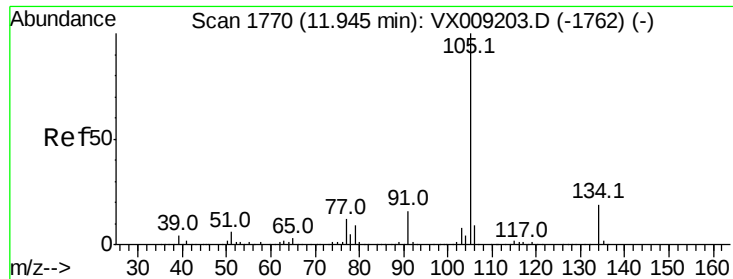
Tgt Ion:105 Resp: 16288

Ion Ratio Lower Upper

105 100

120 45.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.324 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009825.D

Acq: 23 May 2019 00:31

Instrument :

MSVOA_X

ClientSampleId :

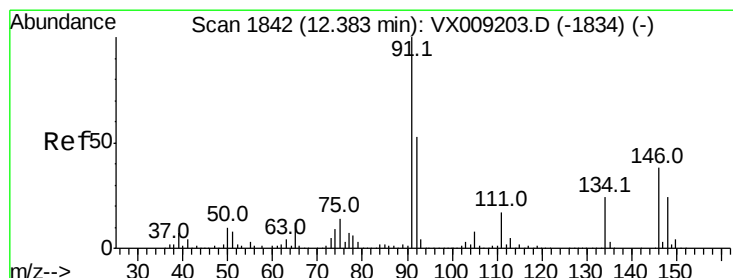
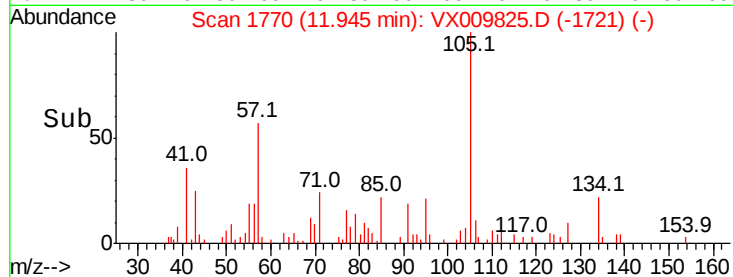
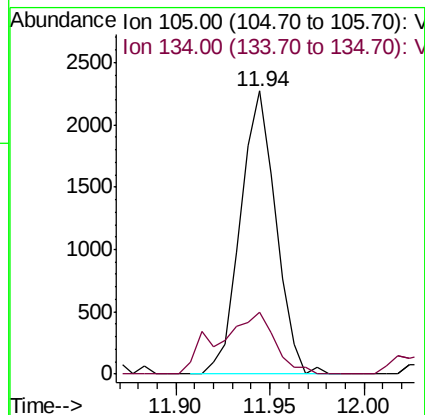
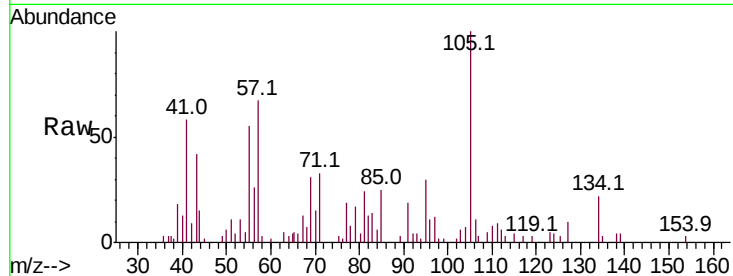
EP1-SB-E3-4R(17-20)

Tot Ion:105 Resp: 2955

Ion Ratio Lower Upper

105 100

134 34.8 9.7 28.9#



#89

n-Butylbenzene

Concen: 0.523 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009825.D

Acq: 23 May 2019 00:31

Tgt Ion: 91 Resp: 3880

Ion Ratio Lower Upper

91 100

92 42.8 26.5 79.5

134 0.0 12.4 37.2#

