

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009809.D
 Acq On : 22 May 2019 17:07
 Operator : JC/SP
 Sample : K2977-12 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4

Quant Time: May 23 08:01:05 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	171873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106312	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	117364	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
35) Dibromofluoromethane	5.50	113	84732	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	348250	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	118502	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

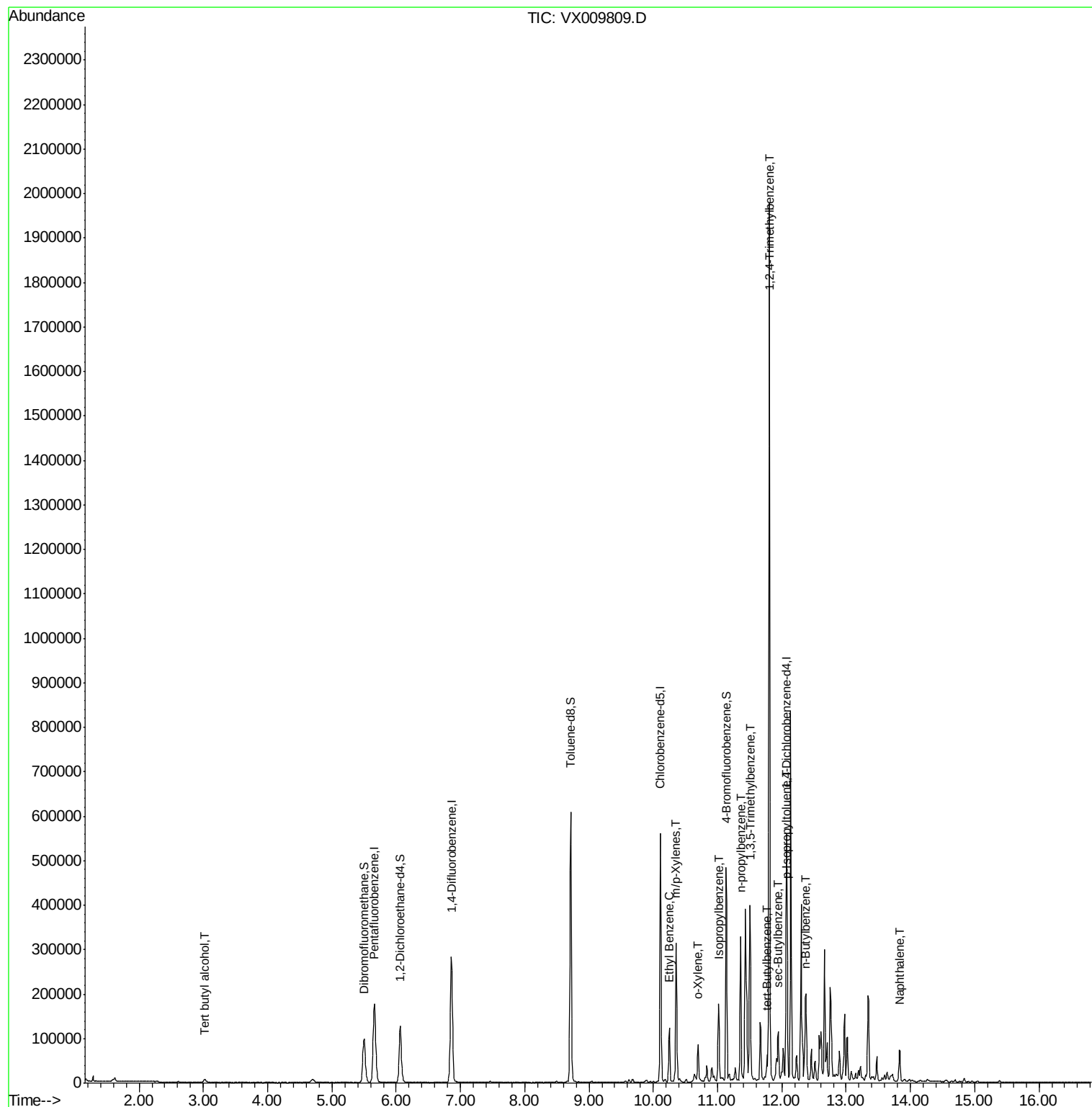
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	5860	10.790	ug/l #	77
67) Ethyl Benzene	10.25	91	66591	7.445	ug/l	97
68) m/p-Xylenes	10.35	106	67999	20.805	ug/l	98
69) o-Xylene	10.69	106	17372	5.387	ug/l	99
73) Isopropylbenzene	11.02	105	86779	11.225	ug/l	100
78) n-propylbenzene	11.36	91	195482	22.141	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	166179	25.529	ug/l	99
83) tert-Butylbenzene	11.77	119	11670	1.843	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	806696	123.465	ug/l	98
85) sec-Butylbenzene	11.94	105	50967	6.789	ug/l #	78
86) p-Isopropyltoluene	12.06	119	23913	3.543	ug/l	98
89) n-Butylbenzene	12.38	91	43831	7.185	ug/l #	58
95) Naphthalene	13.83	128	42529	5.487	ug/l	98

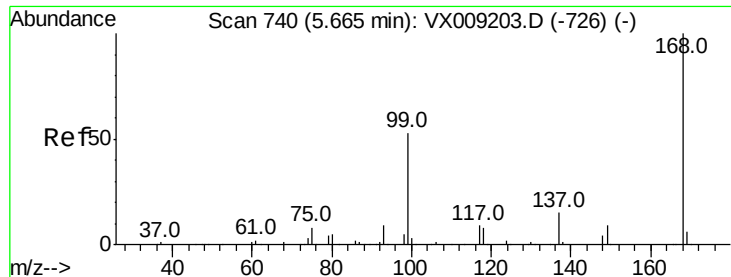
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
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Quant Time: May 23 08:01:05 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: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

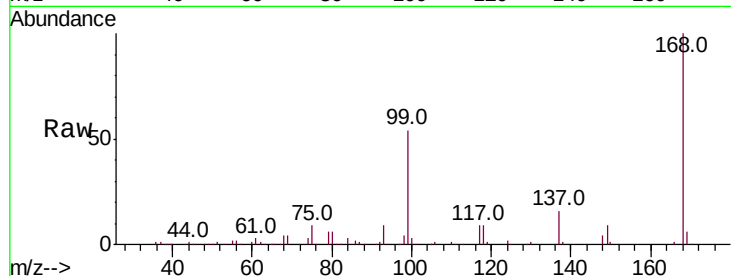
EP1-PZ-E3-4

Tot Ion:168 Resp: 171873

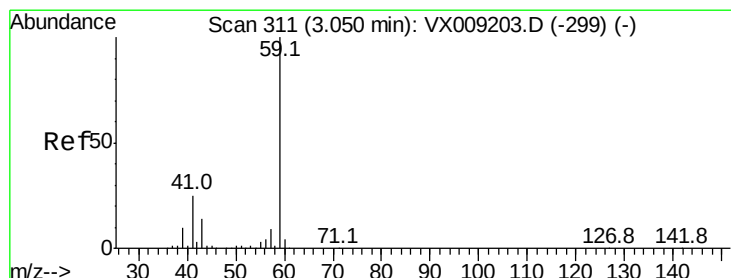
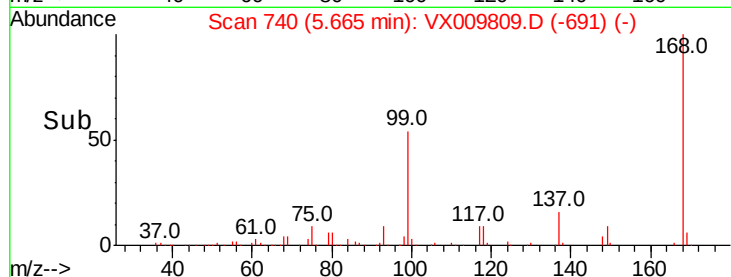
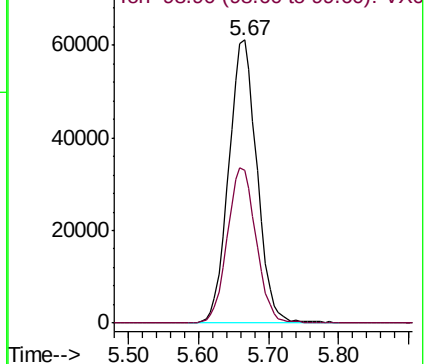
Ion Ratio Lower Upper

168 100

99 53.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)



#11

Tert butyl alcohol

Concen: 10.790 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX009809.D

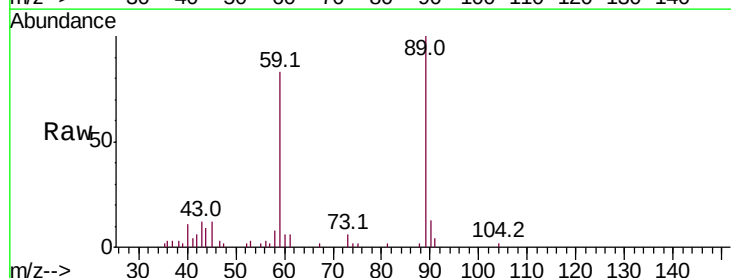
Acq: 22 May 2019 17:07

Tgt Ion: 59 Resp: 5860

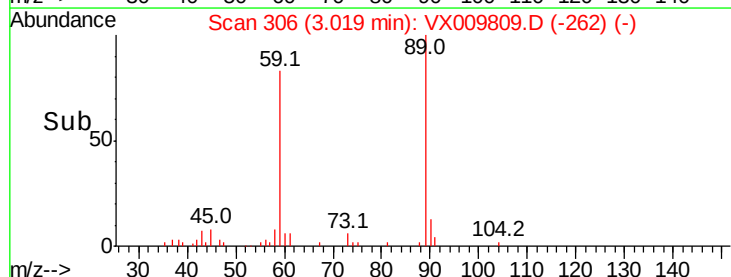
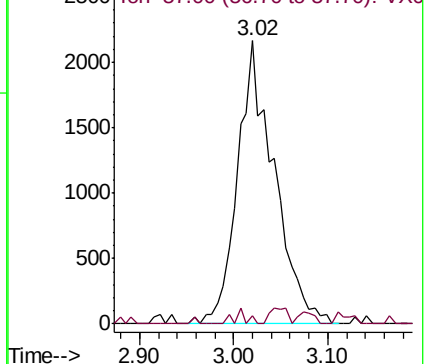
Ion Ratio Lower Upper

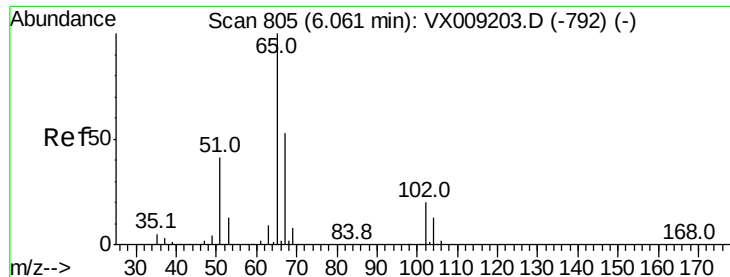
59 100

57 1.6 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX009809.D (-262) (-)

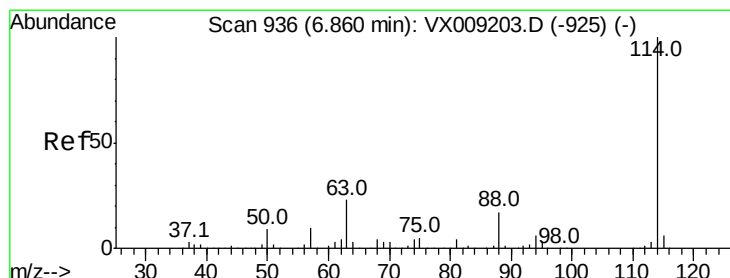
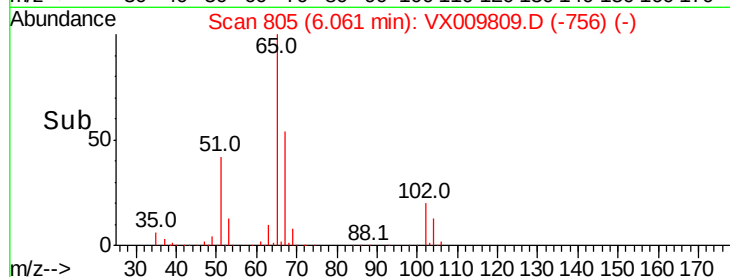
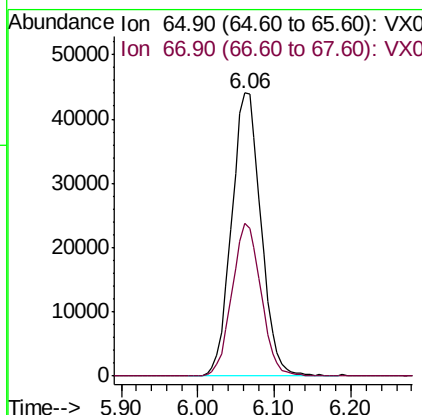
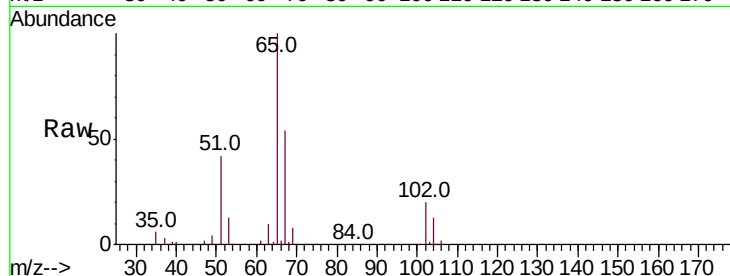




#33
 1,2-Dichloroethane-d4
 Concen: 50.022 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

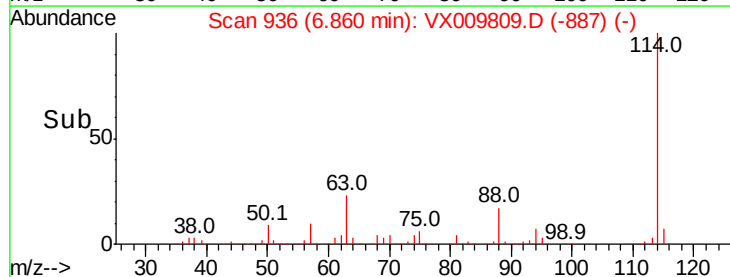
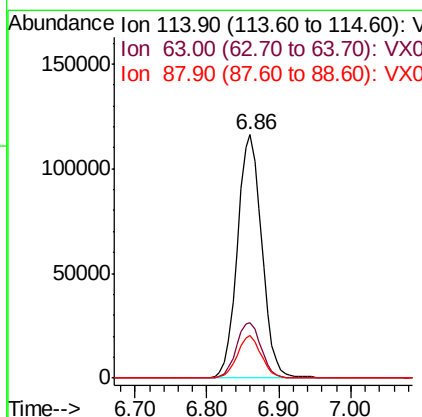
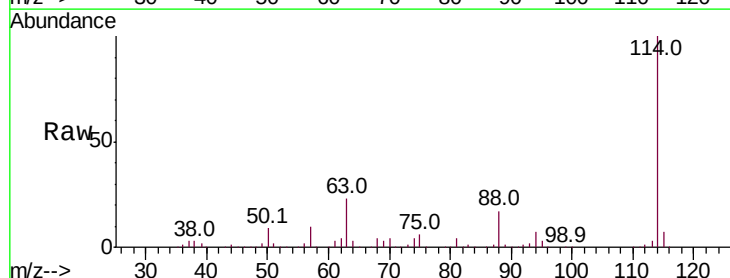
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4

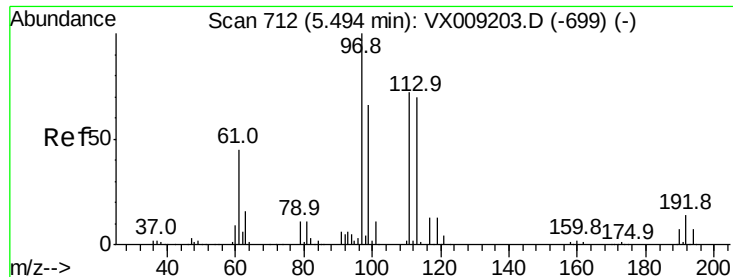
Tot Ion: 65 Resp: 117364
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

Tgt Ion: 114 Resp: 273237
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 17.3 0.0 33.2

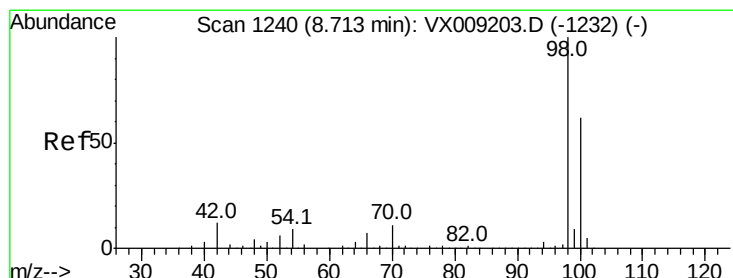
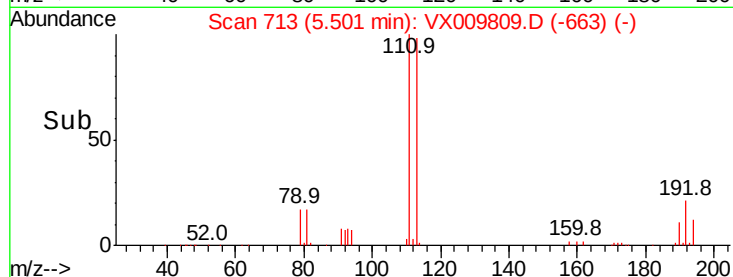
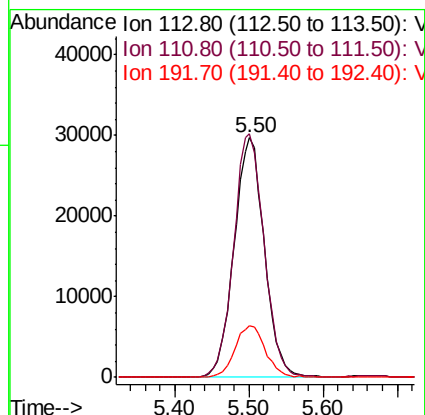
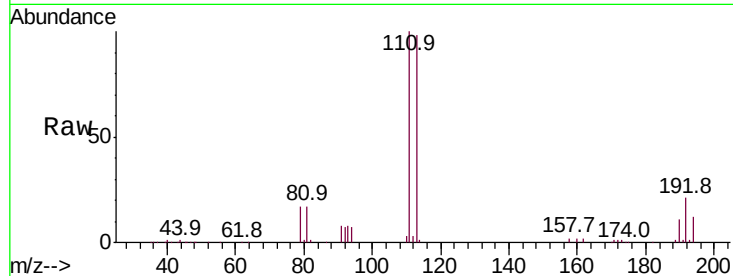




#35
Dibromofluoromethane
Concen: 49.329 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

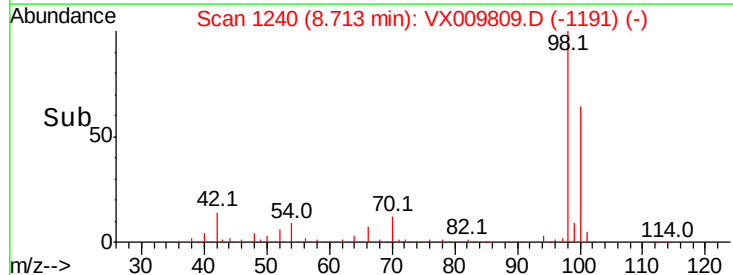
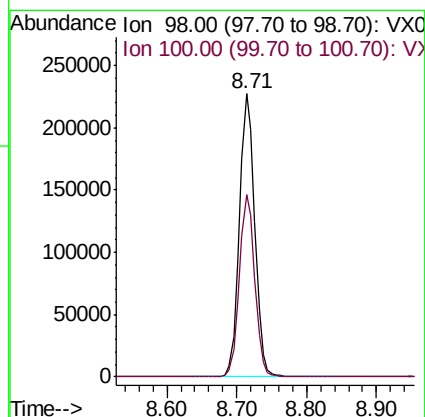
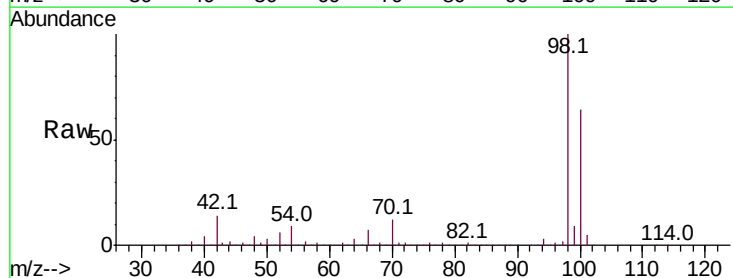
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4

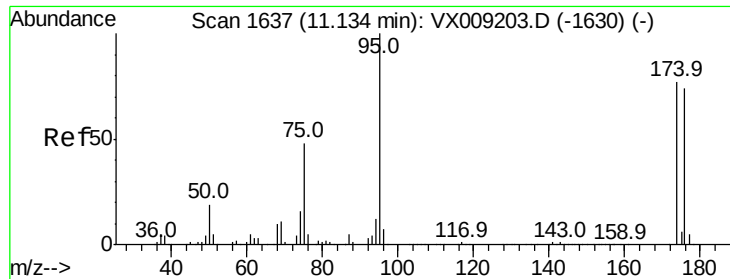
Tot Ion:113 Resp: 84732
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 21.8 17.0 25.6



#50
Toluene-d8
Concen: 50.219 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion: 98 Resp: 348250
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.028 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4

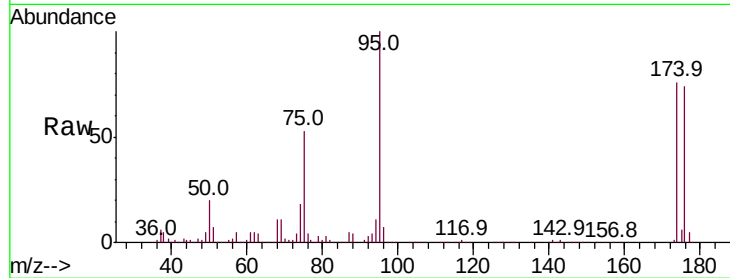
Tot Ion: 95 Resp: 118502

Ion Ratio Lower Upper

95 100

174 81.1 0.0 161.6

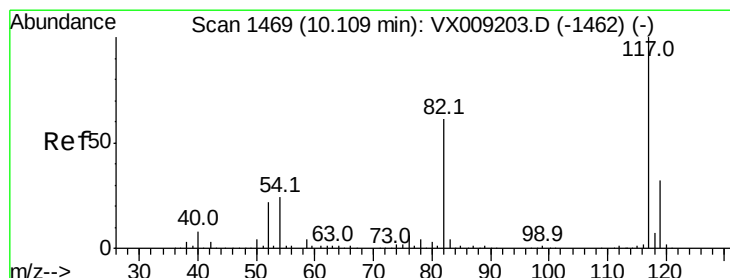
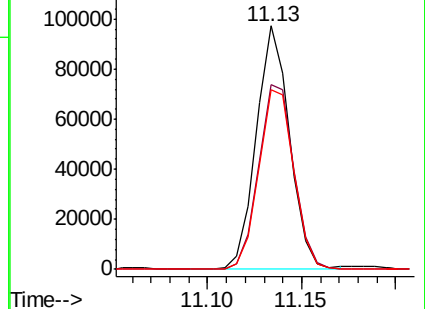
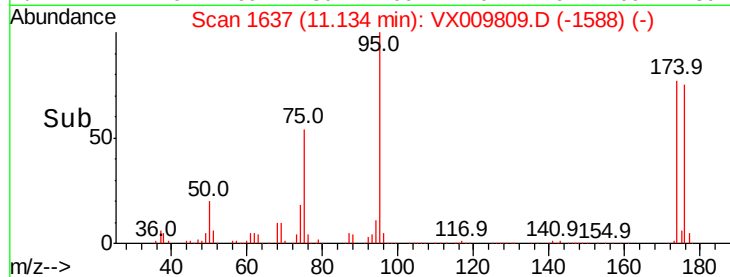
176 78.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009809.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009809.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009809.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

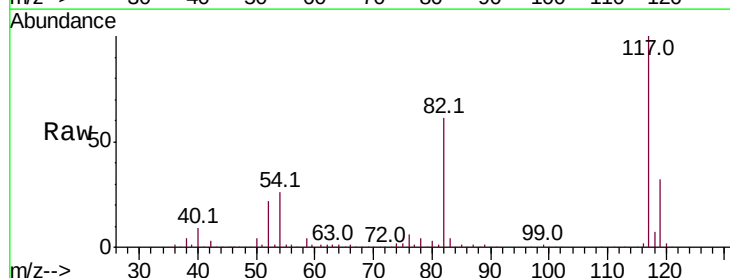
Tgt Ion: 117 Resp: 242936

Ion Ratio Lower Upper

117 100

82 60.7 48.8 73.2

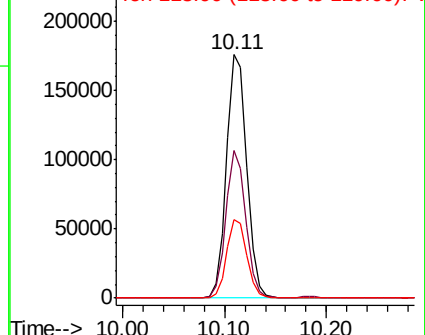
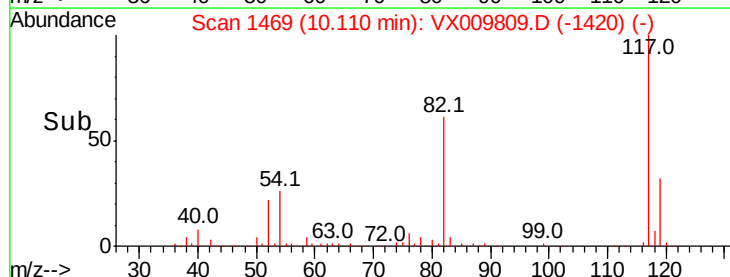
119 32.2 25.8 38.6

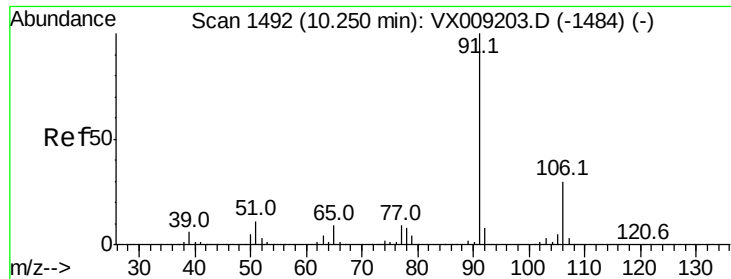


Abundance Ion 116.90 (116.60 to 117.60): VX009809.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009809.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009809.D (-1420) (-)

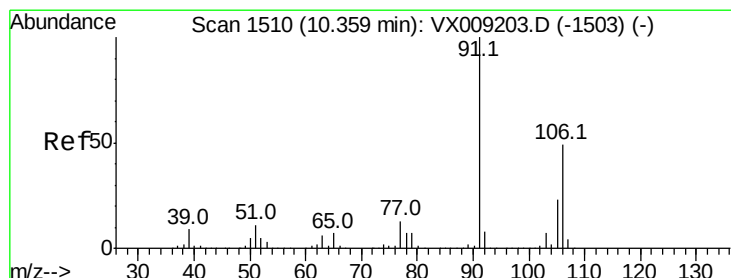
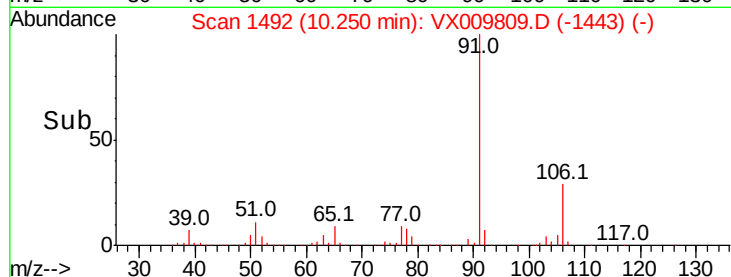
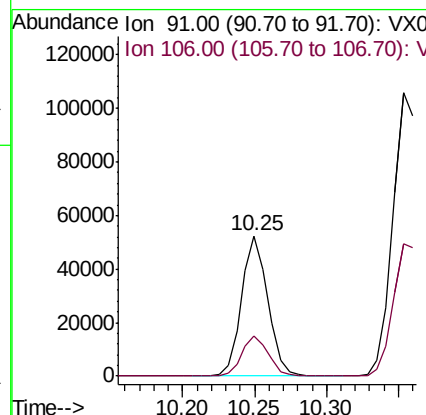
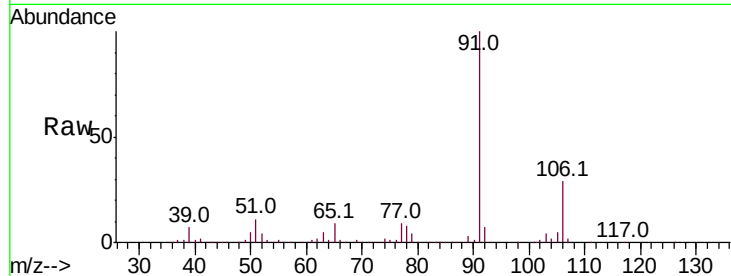




#67
Ethyl Benzene
Concen: 7.445 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

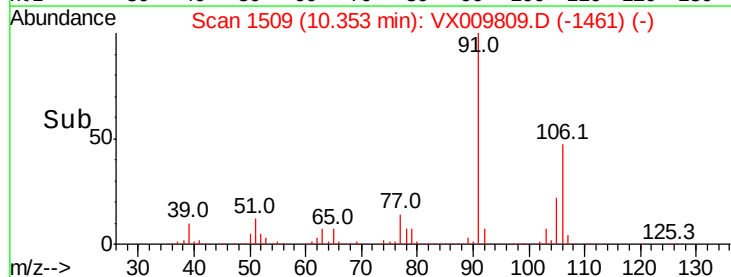
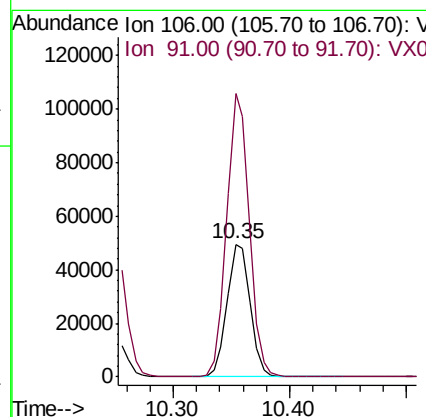
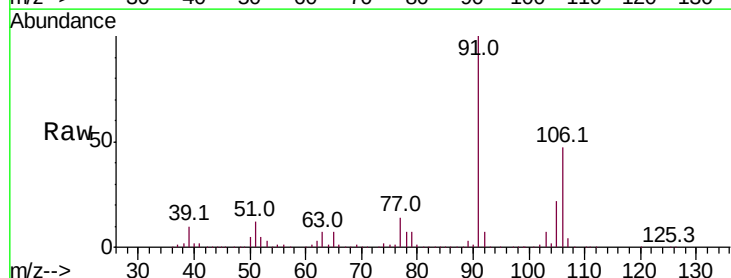
Instrument :
MSVOA_X
ClientSampled :
EP1-PZ-E3-4

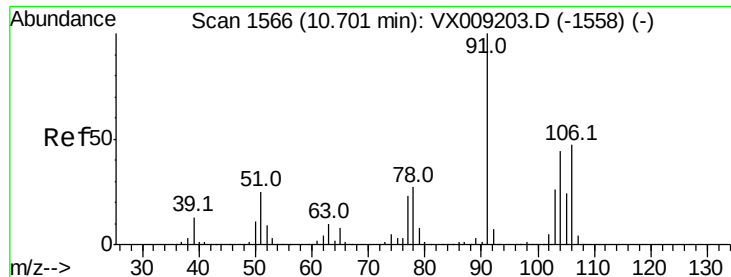
Tot Ion: 91 Resp: 66591
Ion Ratio Lower Upper
91 100
106 28.6 24.0 36.0



#68
m/p-Xylenes
Concen: 20.805 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion: 106 Resp: 67999
Ion Ratio Lower Upper
106 100
91 207.7 164.0 246.0

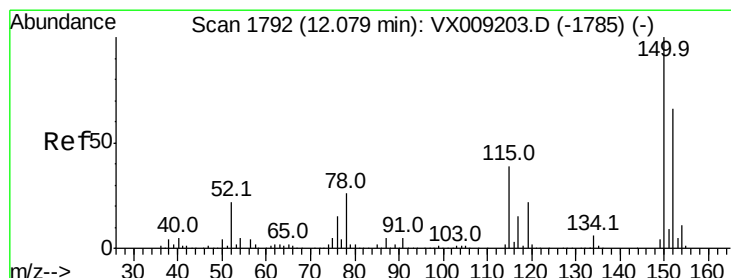
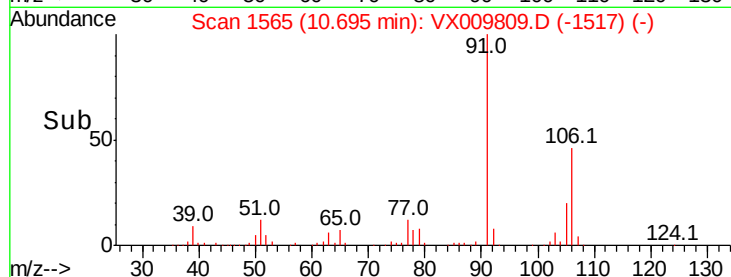
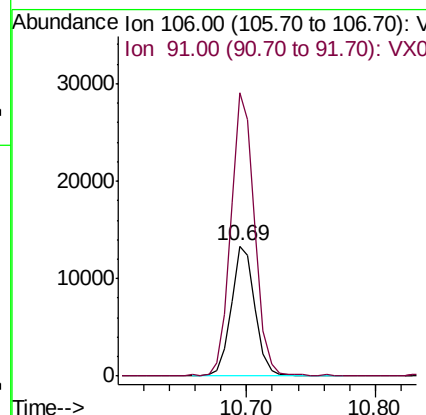
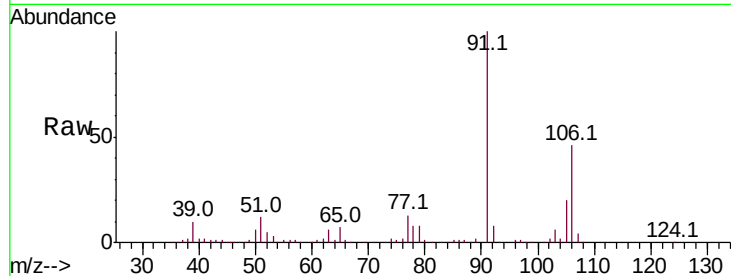




#69
o-Xylene
Concen: 5.387 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

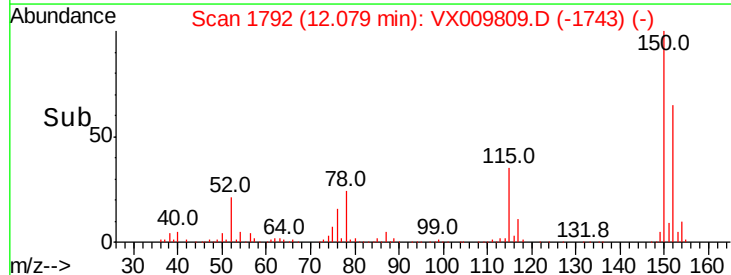
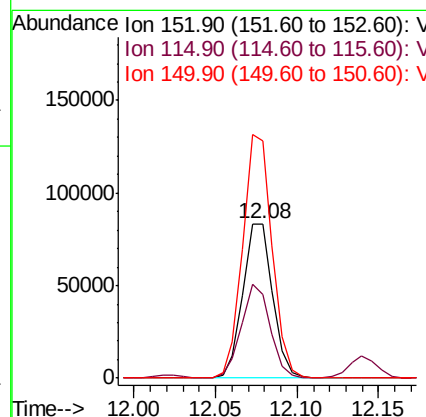
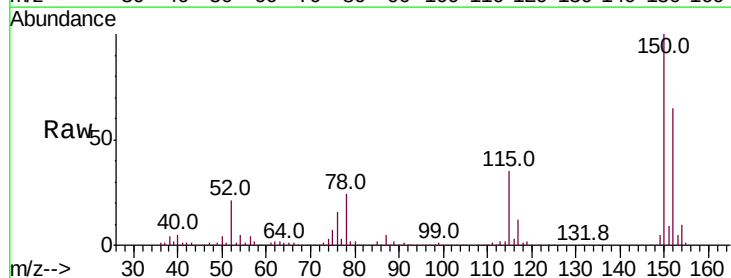
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4

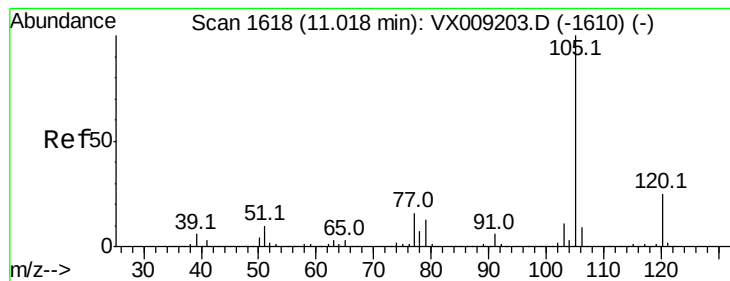
Tot Ion:106 Resp: 17372
Ion Ratio Lower Upper
106 100
91 217.3 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion:152 Resp: 106312
Ion Ratio Lower Upper
152 100
115 58.9 41.2 123.6
150 155.7 0.0 346.4





#73

Isopropylbenzene

Concen: 11.225 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

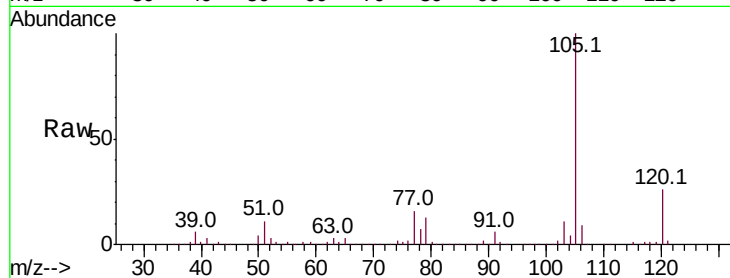
EP1-PZ-E3-4

Tot Ion:105 Resp: 86779

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

80000

60000

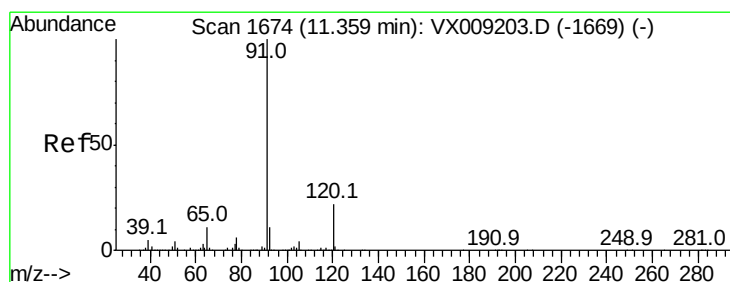
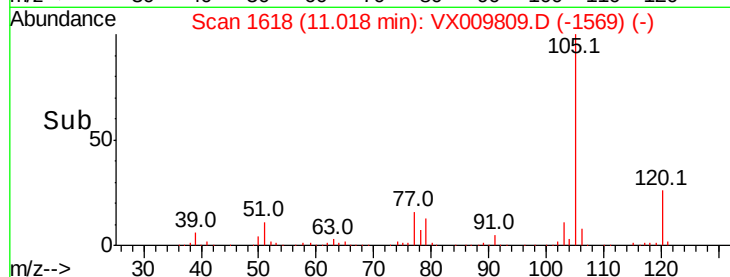
40000

20000

0

11.00 11.10

Time-->



#78

n-propylbenzene

Concen: 22.141 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009809.D

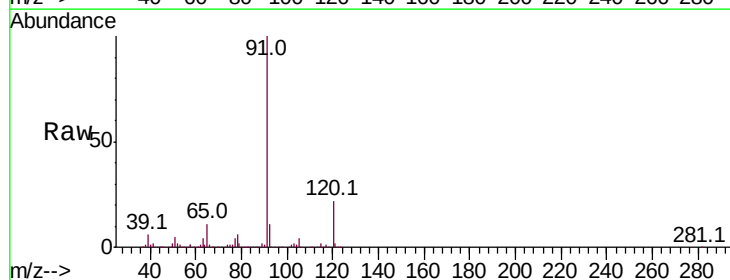
Acq: 22 May 2019 17:07

Tgt Ion: 91 Resp: 195482

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

150000

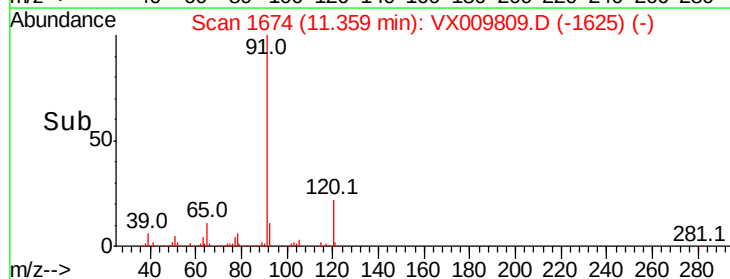
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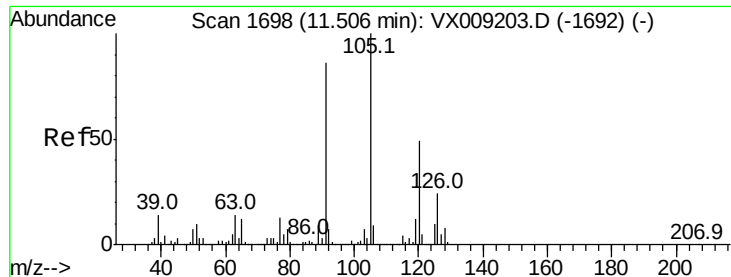
50000

0

11.30 11.35 11.40

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 25.529 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

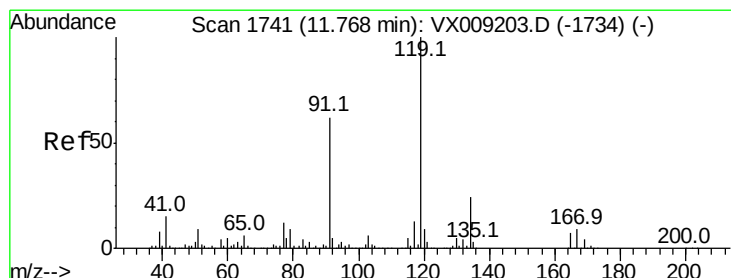
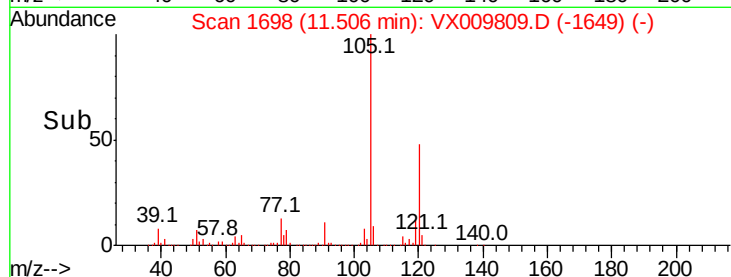
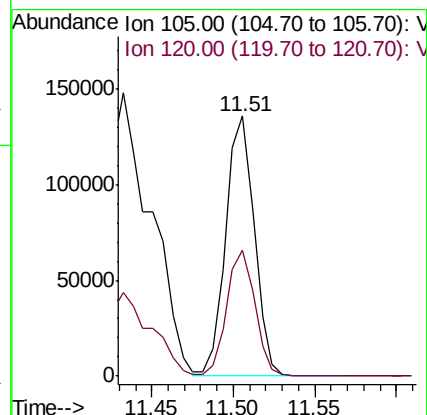
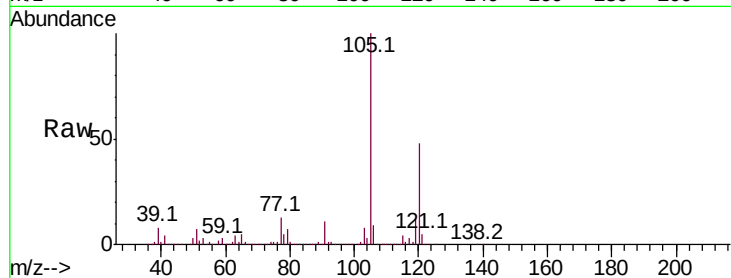
EP1-PZ-E3-4

Tot Ion:105 Resp: 166179

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9



#83

tert-Butylbenzene

Concen: 1.843 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

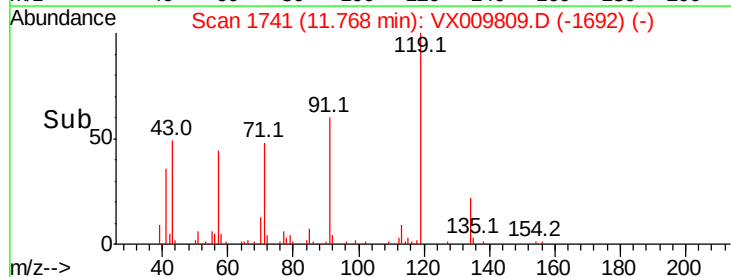
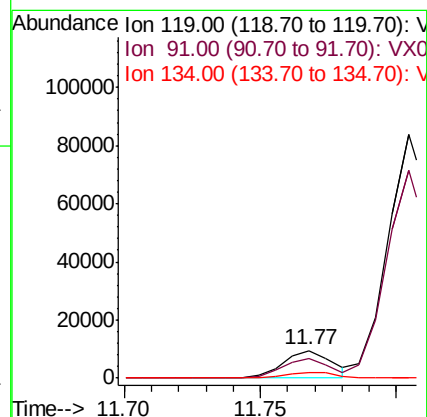
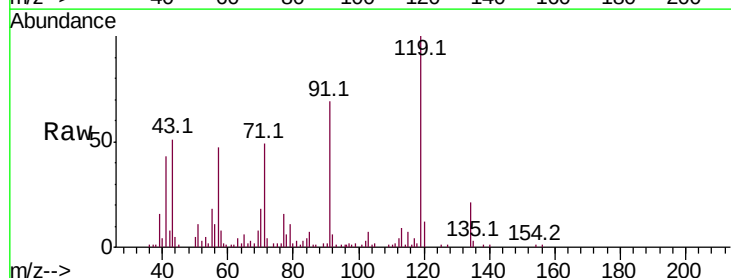
Tgt Ion:119 Resp: 11670

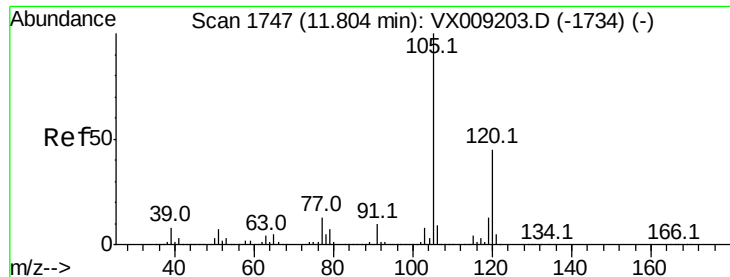
Ion Ratio Lower Upper

119 100

91 68.6 29.5 88.5

134 23.3 11.4 34.1

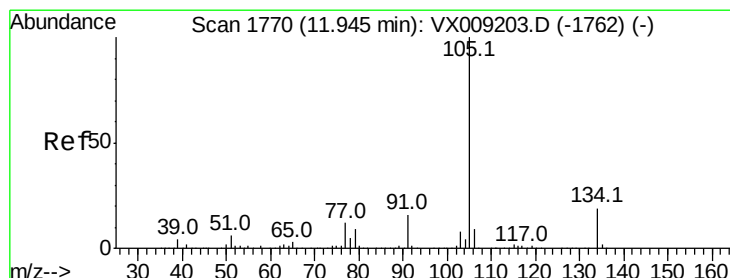
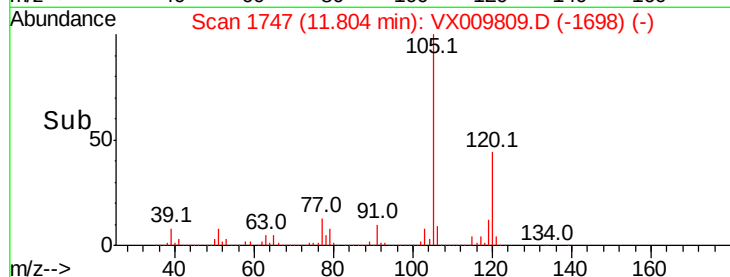
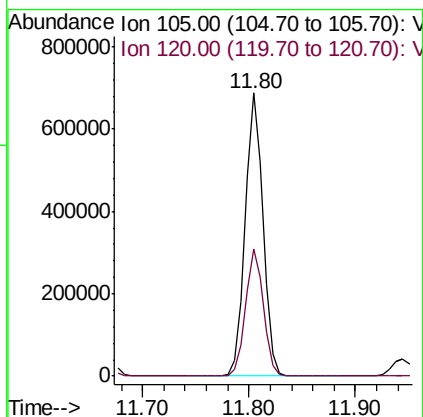
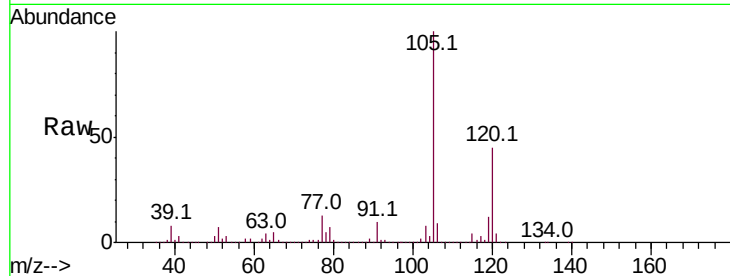




#84
 1,2,4-Trimethylbenzene
 Concen: 123.465 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

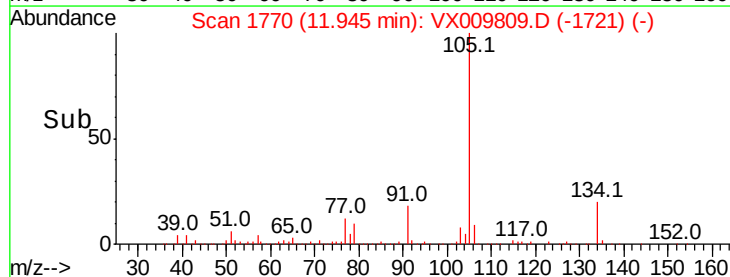
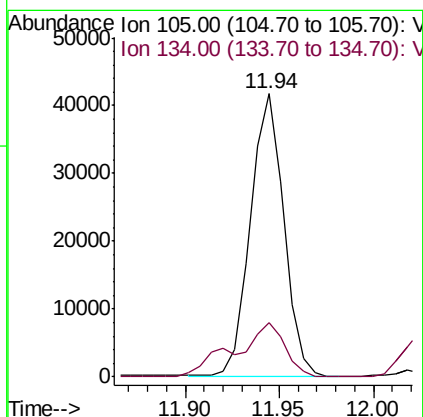
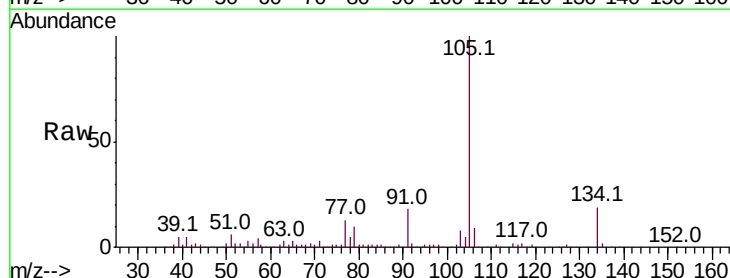
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4

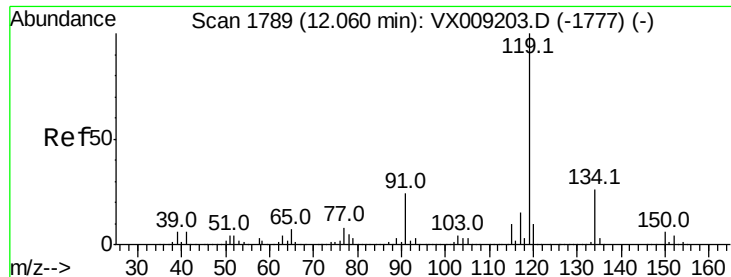
Tot Ion:105 Resp: 806696
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 6.789 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

Tgt Ion:105 Resp: 50967
 Ion Ratio Lower Upper
 105 100
 134 29.2 9.7 28.9#

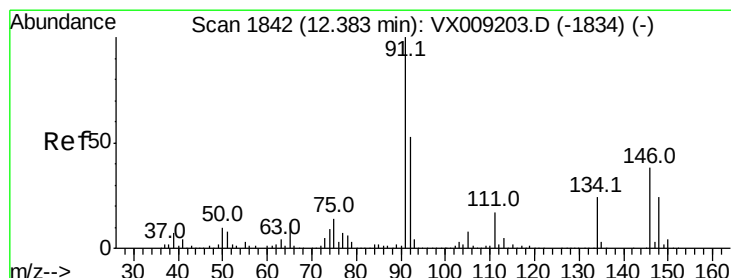
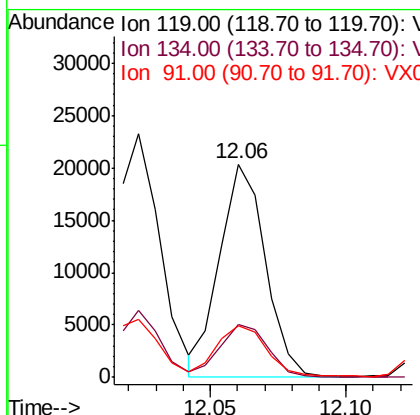
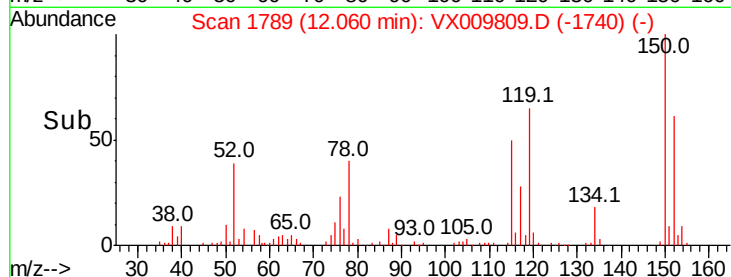
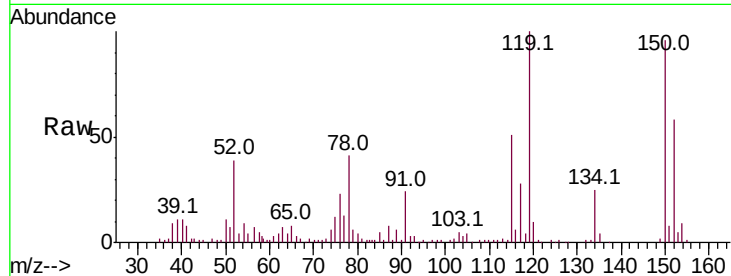




#86
 p-Isopropyltoluene
 Concen: 3.543 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

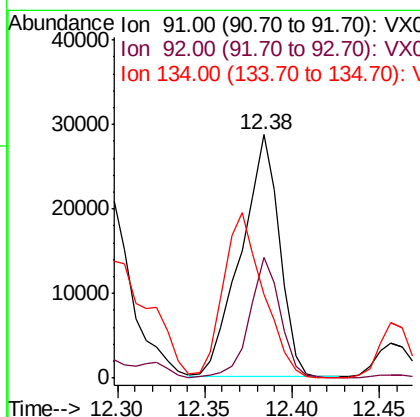
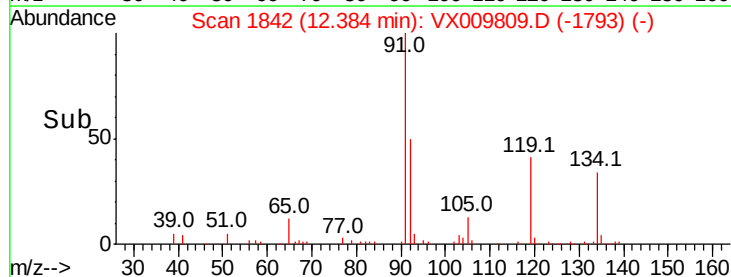
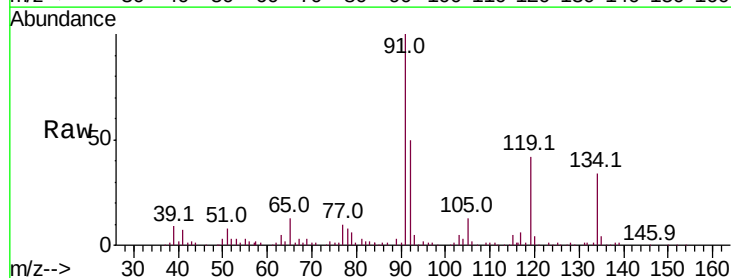
Instrument :
 MSVOA_X
 ClientSampled :
 EP1-PZ-E3-4

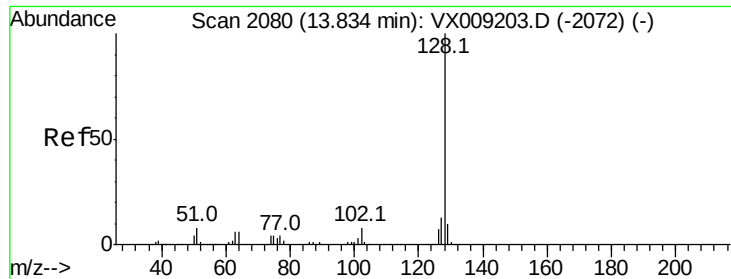
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.9	38.7
91	25.2	11.8	35.4



#89
 n-Butylbenzene
 Concen: 7.185 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.2	26.5	79.5
134	70.8	12.4	37.2





#95
Naphthalene
Concen: 5.487 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	11.7	8.6	13.0

