

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009869.D
 Acq On : 23 May 2019 19:25
 Operator : JC/SP
 Sample : K2976-01DL 250X
 Misc : 6.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)DL

Quant Time: May 31 08:13:33 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

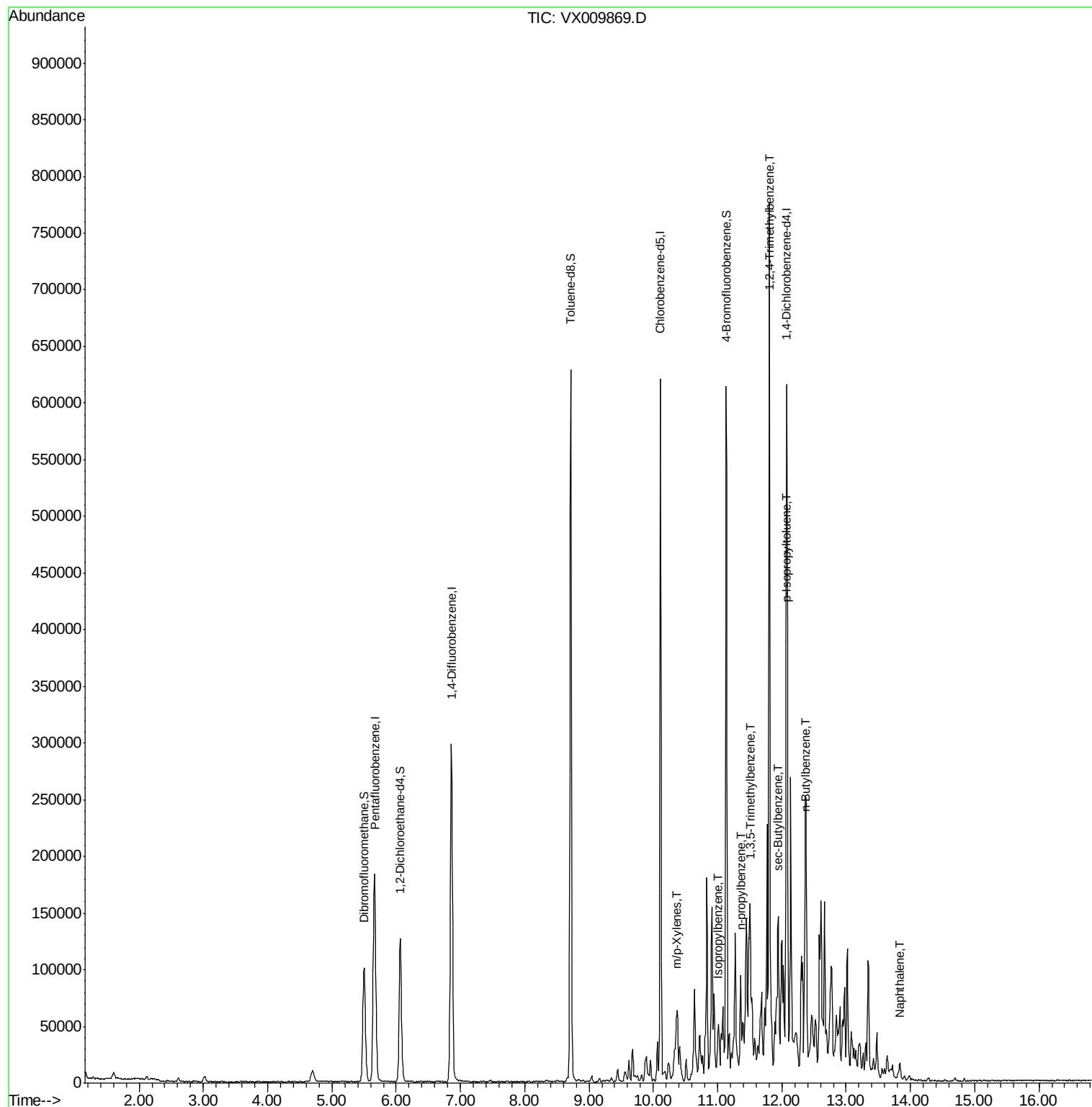
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	121989	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	5.50	113	86272	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	362256	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	129823	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.36	106	6536	1.880	ug/l	91
73) Isopropylbenzene	11.02	105	17232	1.965	ug/l	98
78) n-propylbenzene	11.36	91	48198	4.812	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	50248	6.804	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	300438	40.532	ug/l	100
85) sec-Butylbenzene	11.94	105	33798	3.968	ug/l	93
86) p-Isopropyltoluene	12.06	119	21478	2.805	ug/l	98
89) n-Butylbenzene	12.38	91	42391	6.126	ug/l #	57
95) Naphthalene	13.83	128	8833	1.004	ug/l #	95

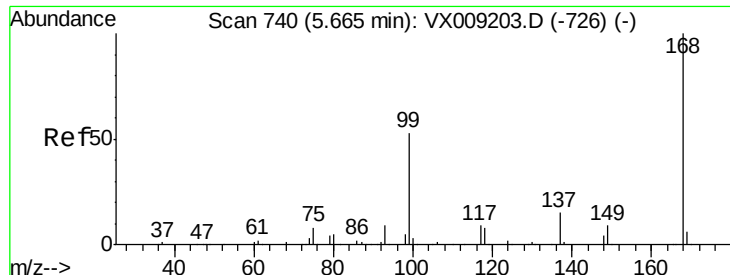
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052319\
Data File : VX009869.D
Acq On : 23 May 2019 19:25
Operator : JC/SP
Sample : K2976-01DL 250X
Misc : 6.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)DL

Quant Time: May 31 08:13:33 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: VX009869.D

Acq: 23 May 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

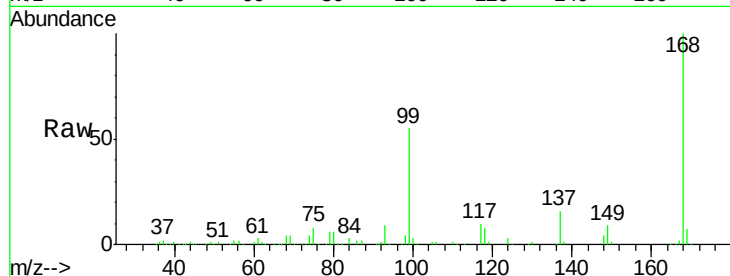
EP1-SB-E2-3R(14-17)DL

Tot Ion:168 Resp: 177348

Ion Ratio Lower Upper

168 100

99 54.7 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

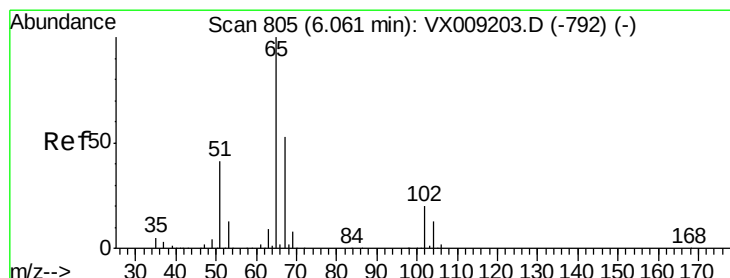
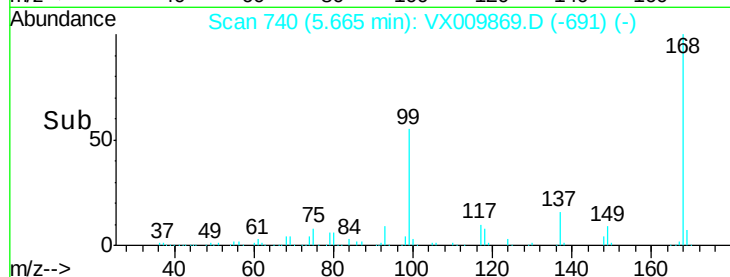
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.388 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009869.D

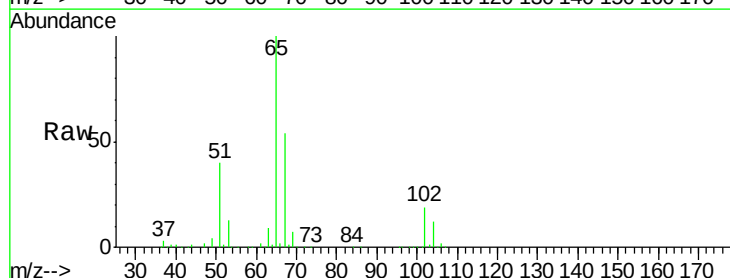
Acq: 23 May 2019 19:25

Tgt Ion: 65 Resp: 121989

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

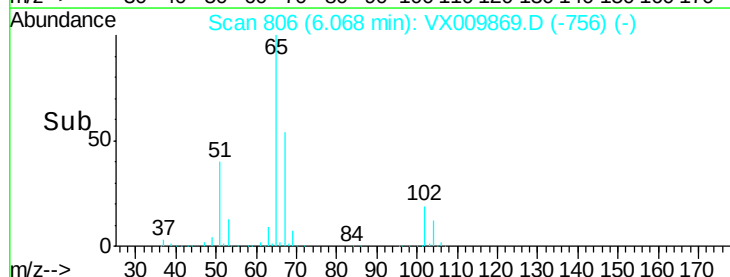
30000

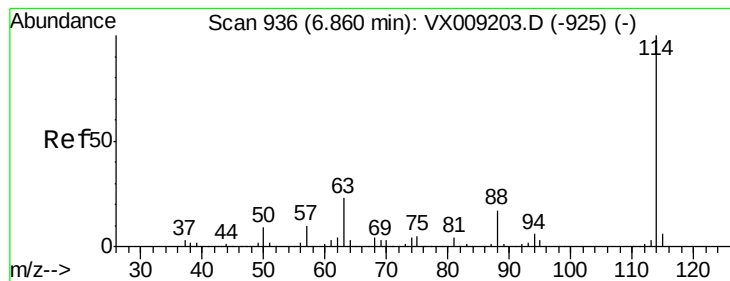
20000

10000

0

Time--> 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: VX009869.D

Acq: 23 May 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(14-17)DL

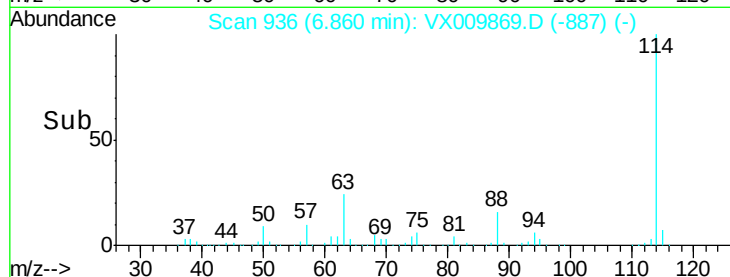
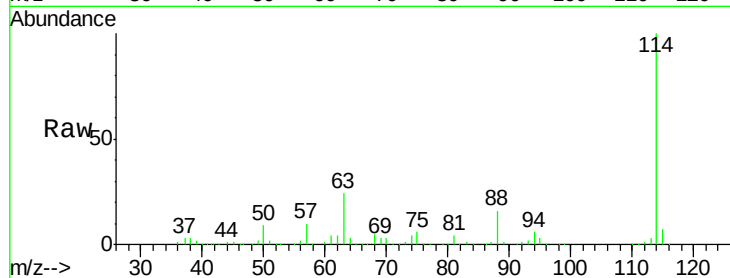
Tot Ion:114 Resp: 285917

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.6

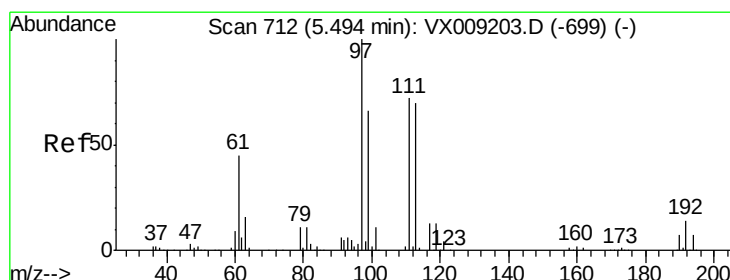
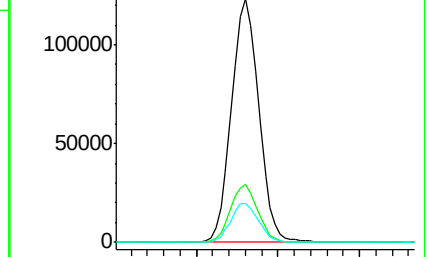
88 16.0 0.0 33.2



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: 47.999 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009869.D

Acq: 23 May 2019 19:25

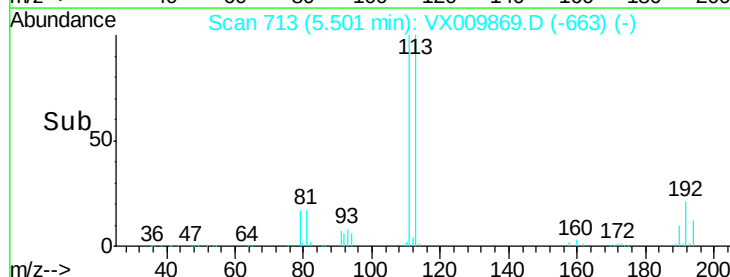
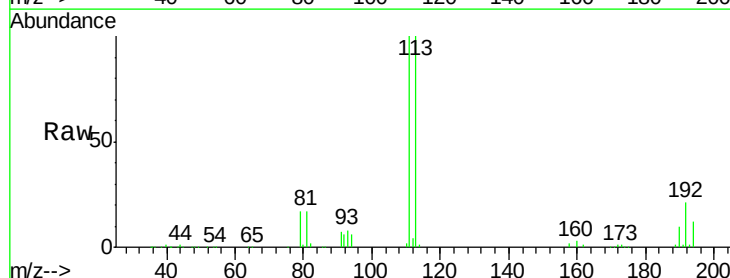
Tgt Ion:113 Resp: 86272

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

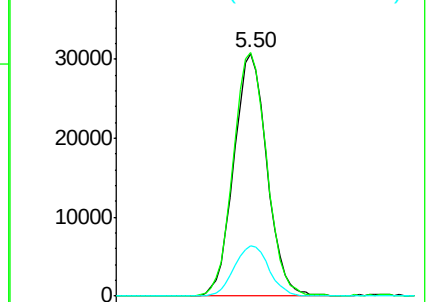
192 21.7 17.0 25.6

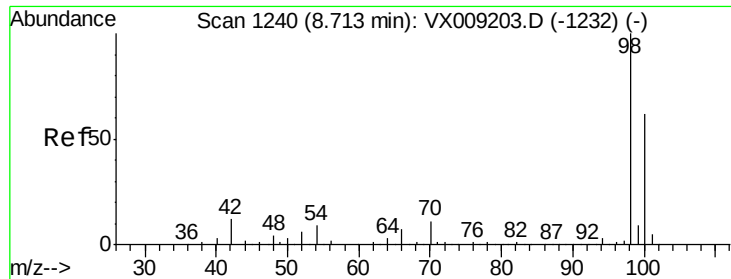


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.922 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009869.D

Acq: 23 May 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

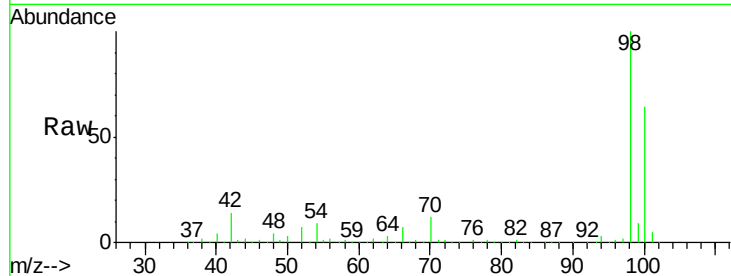
EP1-SB-E2-3R(14-17)DL

Tot Ion: 98 Resp: 362256

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

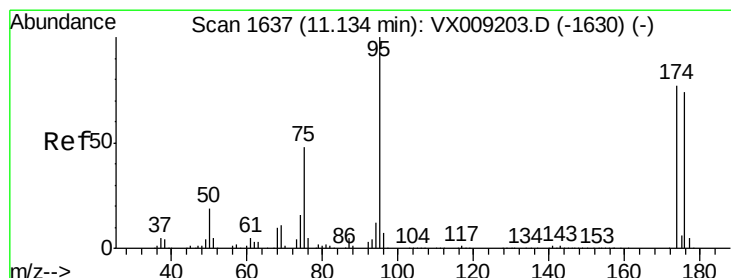
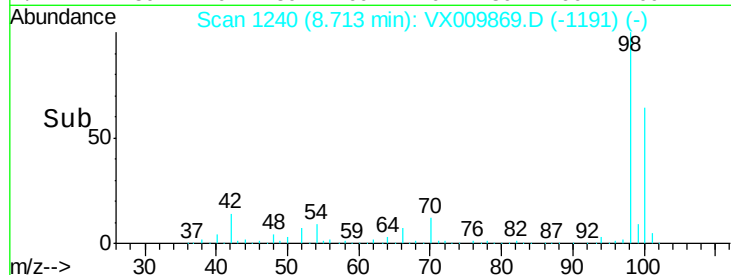
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.236 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009869.D

Acq: 23 May 2019 19:25

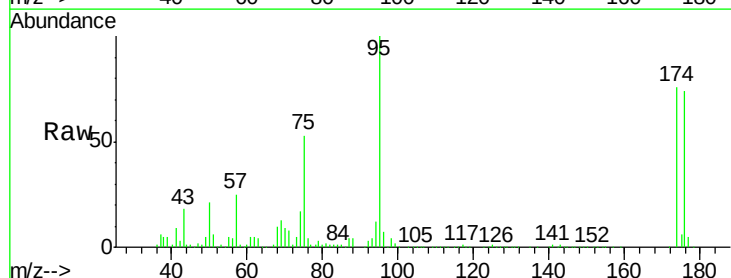
Tgt Ion: 95 Resp: 129823

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

176 77.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

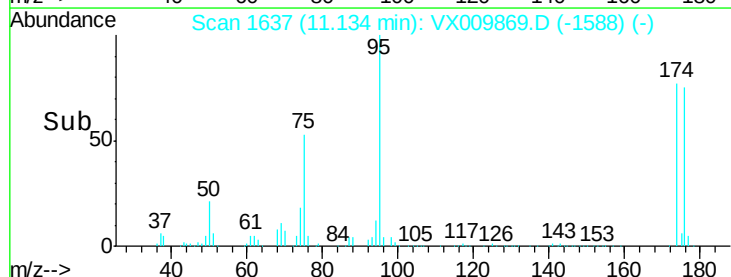
100000

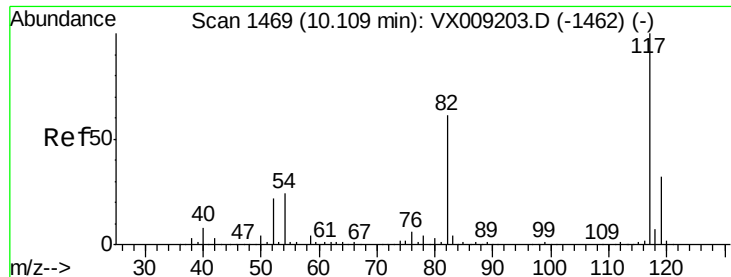
50000

0

11.10 11.15

Time-->

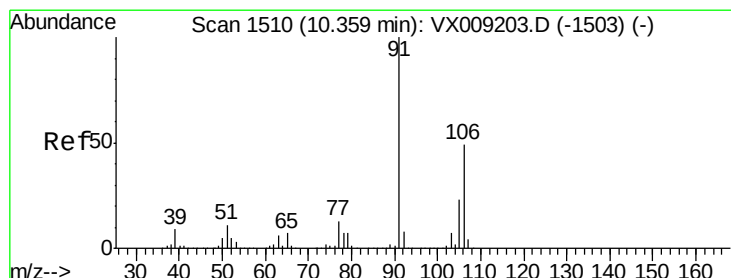
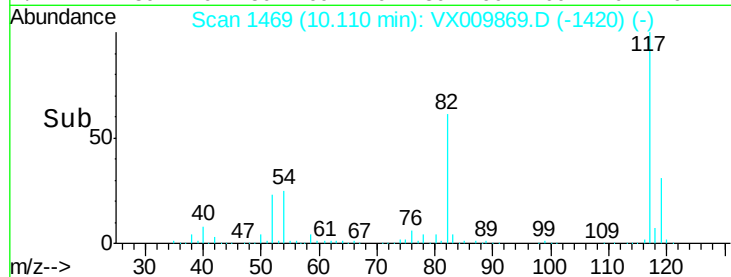
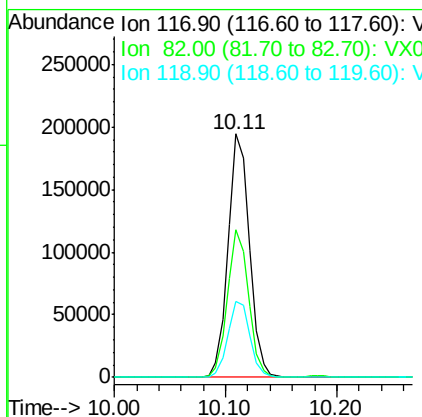
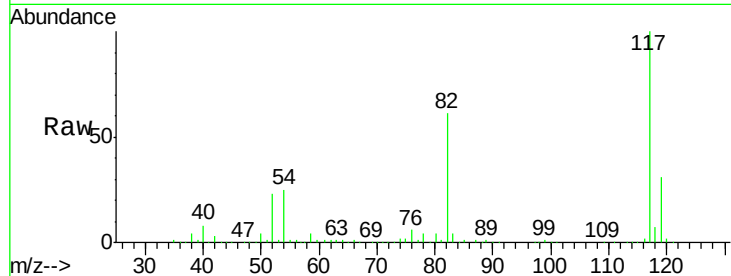




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009869.D
Acq: 23 May 2019 19:25

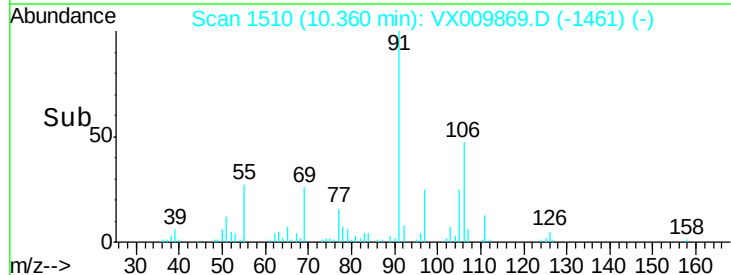
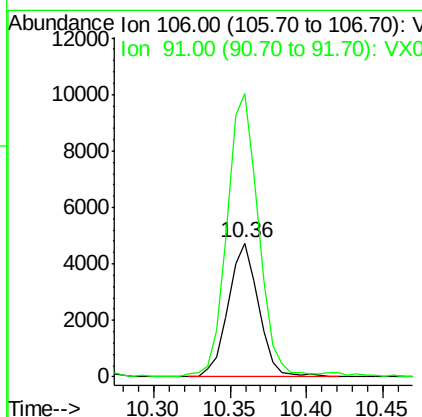
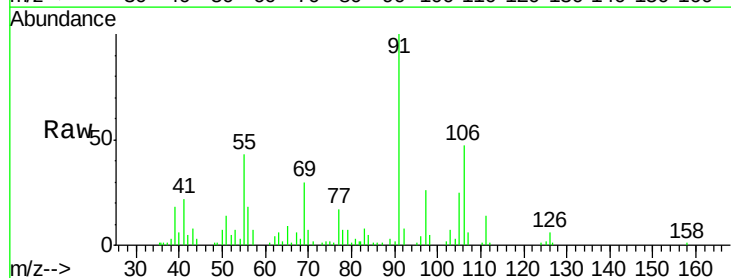
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)DL

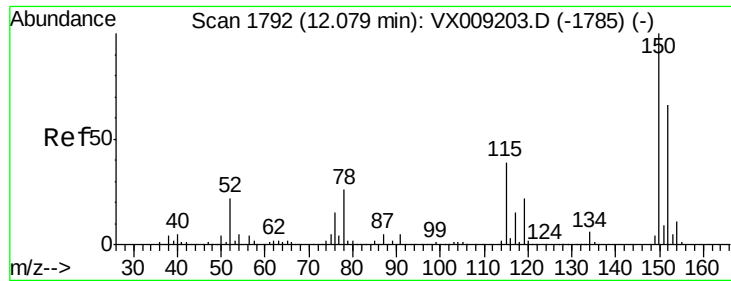
Tot Ion:117 Resp: 258381
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 31.3 25.8 38.6



#68
m/p-Xylenes
Concen: 1.880 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009869.D
Acq: 23 May 2019 19:25

Tgt Ion:106 Resp: 6536
Ion Ratio Lower Upper
106 100
91 218.3 164.0 246.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009869.D

Acq: 23 May 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E2-3R(14-17)DL

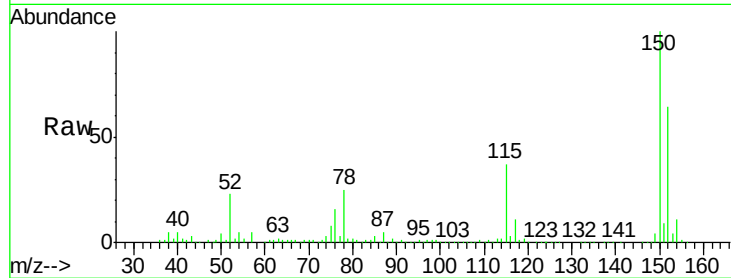
Tot Ion:152 Resp: 120607

Ion Ratio Lower Upper

152 100

115 60.2 41.2 123.6

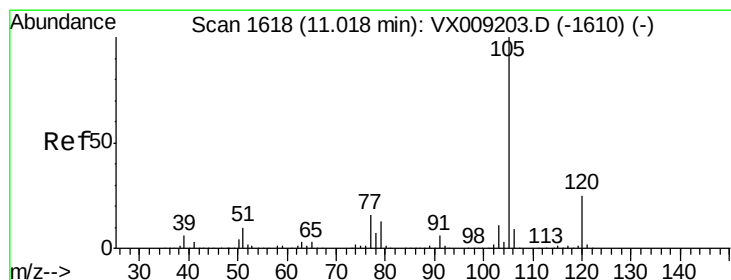
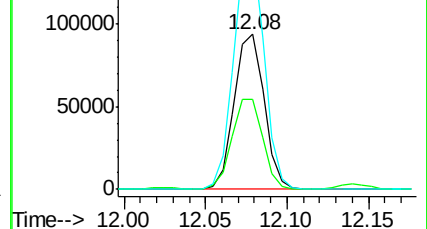
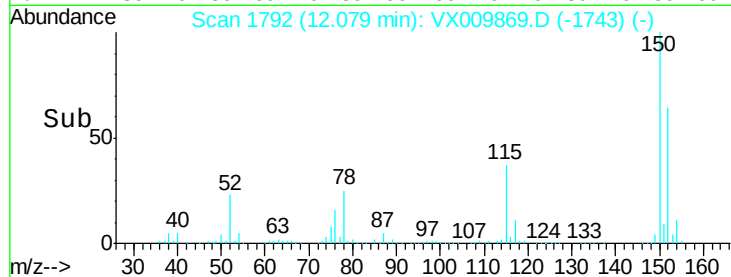
150 155.3 0.0 346.4



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: 1.965 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009869.D

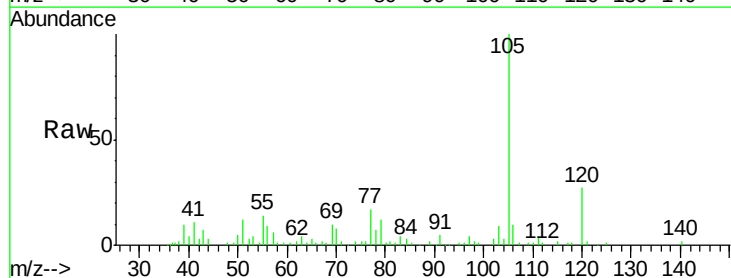
Acq: 23 May 2019 19:25

Tgt Ion:105 Resp: 17232

Ion Ratio Lower Upper

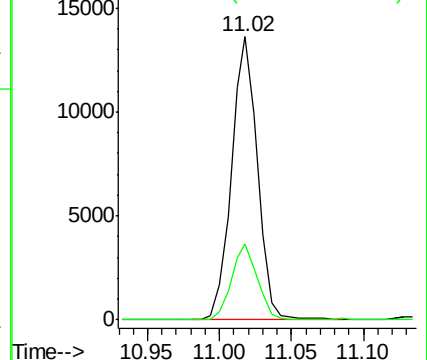
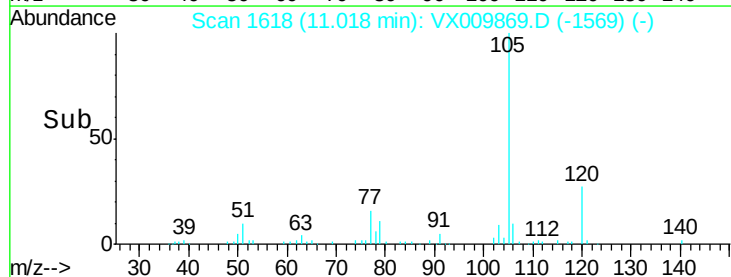
105 100

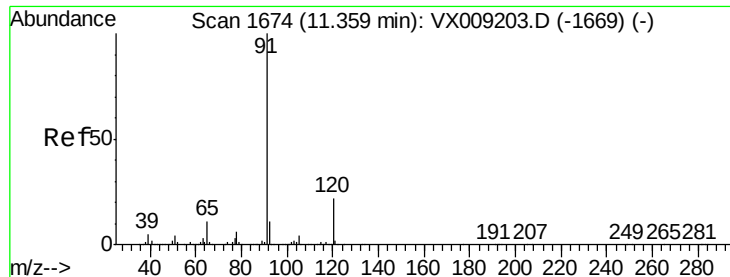
120 26.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.812 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009869.D

Acq: 23 May 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

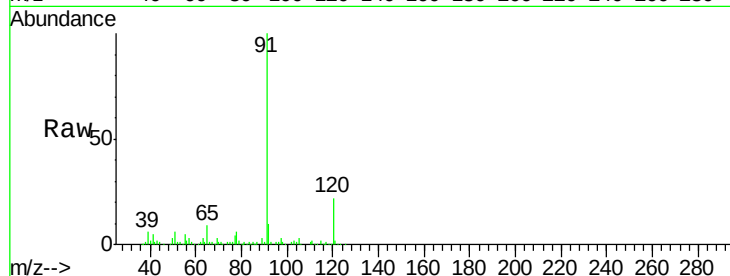
EP1-SB-E2-3R(14-17)DL

Tot Ion: 91 Resp: 48198

Ion Ratio Lower Upper

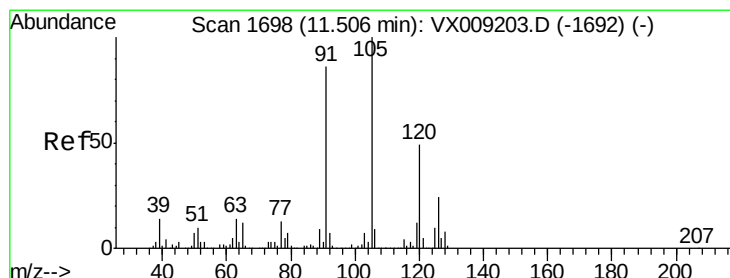
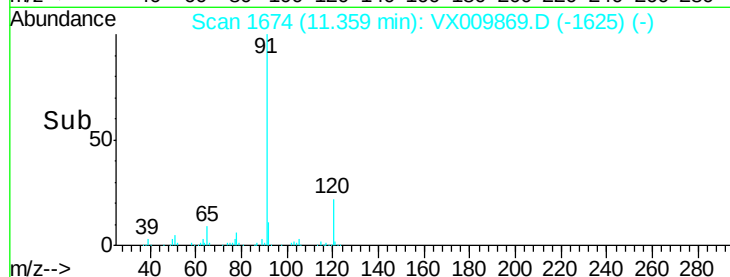
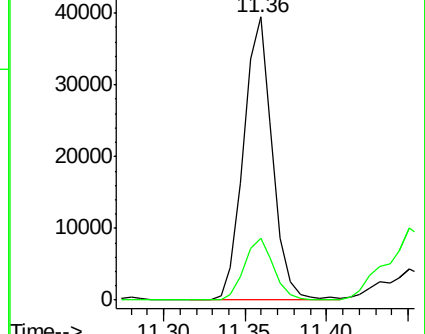
91 100

120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 6.804 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009869.D

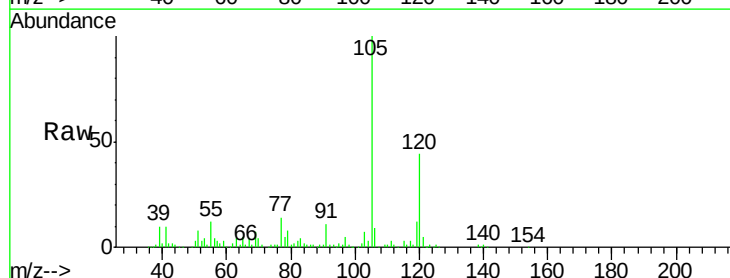
Acq: 23 May 2019 19:25

Tgt Ion:105 Resp: 50248

Ion Ratio Lower Upper

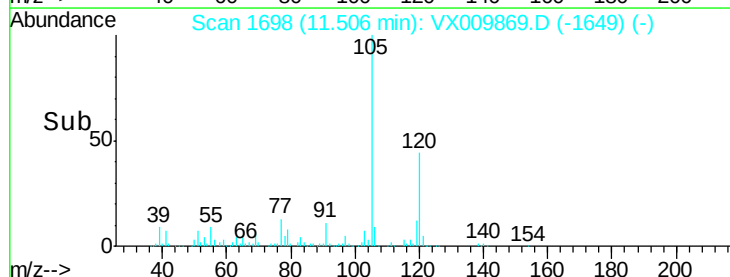
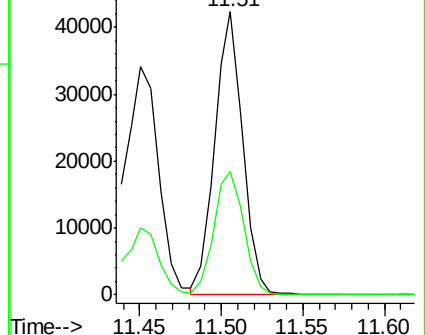
105 100

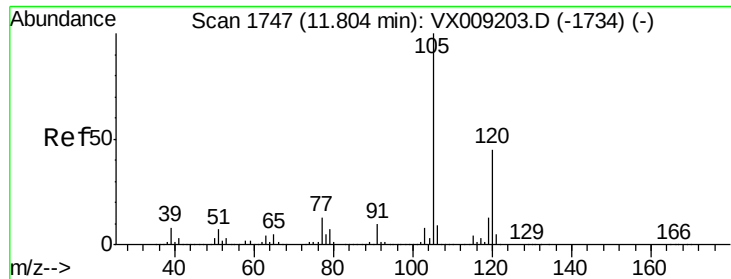
120 46.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

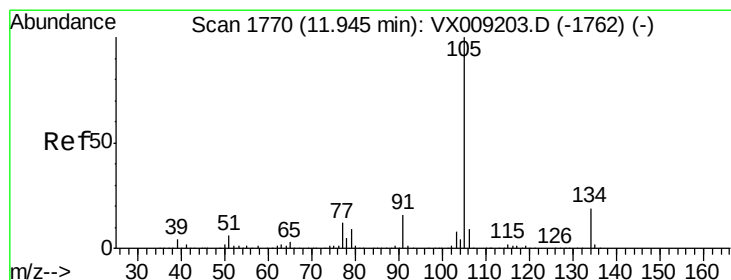
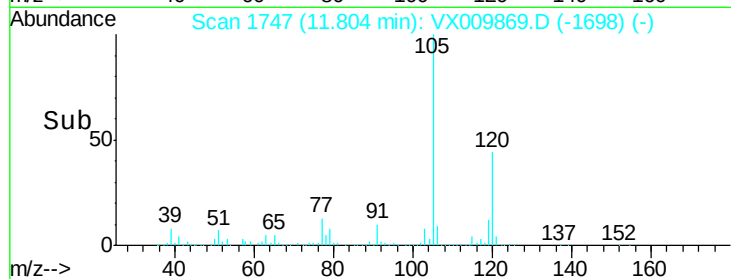
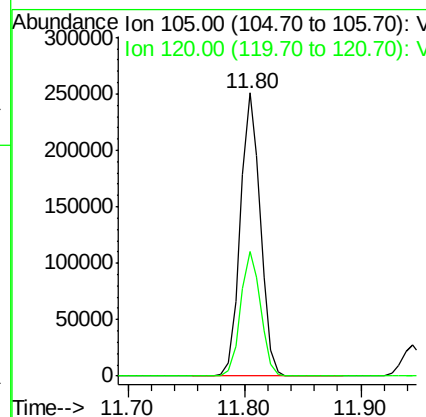
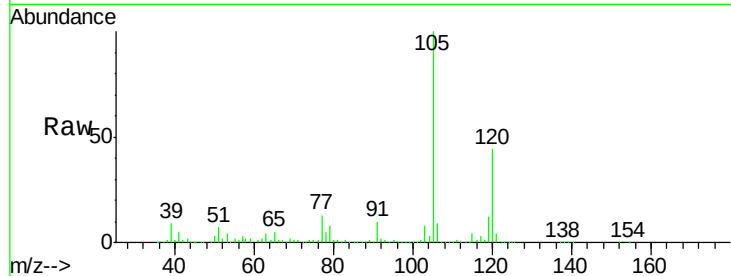




#84
 1,2,4-Trimethylbenzene
 Concen: 40.532 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009869.D
 Acq: 23 May 2019 19:25

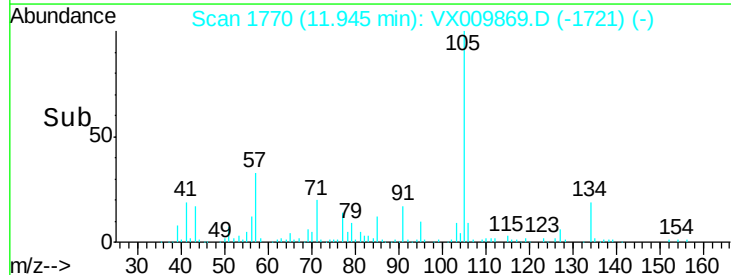
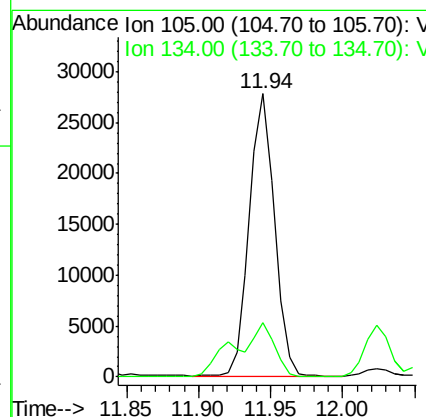
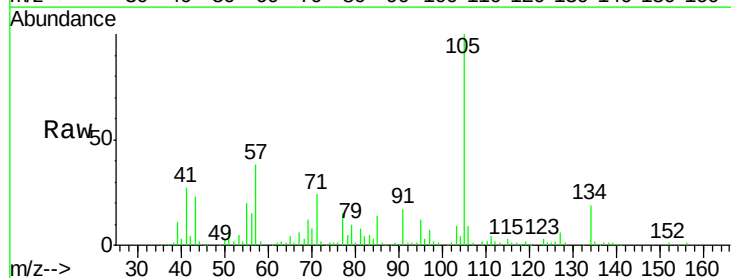
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)DL

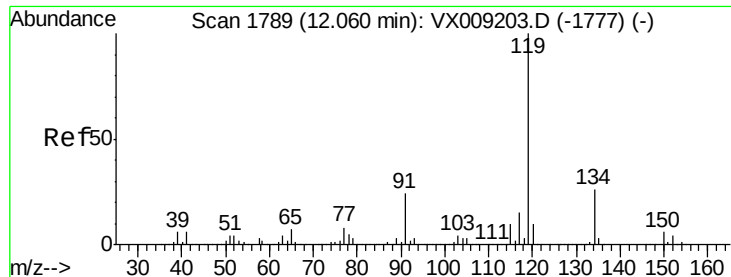
Tot Ion:105 Resp: 300438
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 3.968 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009869.D
 Acq: 23 May 2019 19:25

Tgt Ion:105 Resp: 33798
 Ion Ratio Lower Upper
 105 100
 134 16.1 9.7 28.9

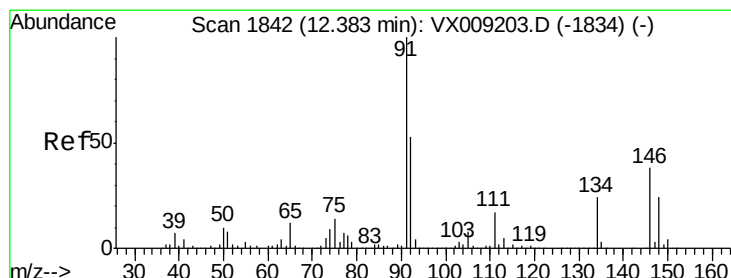
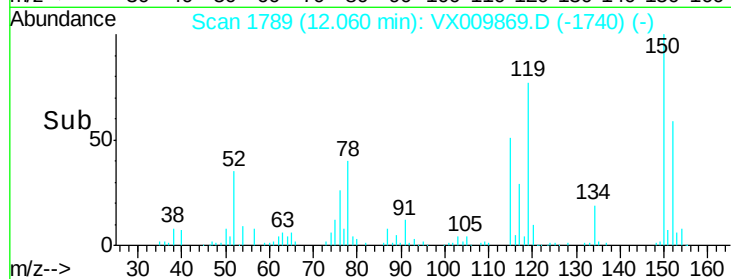
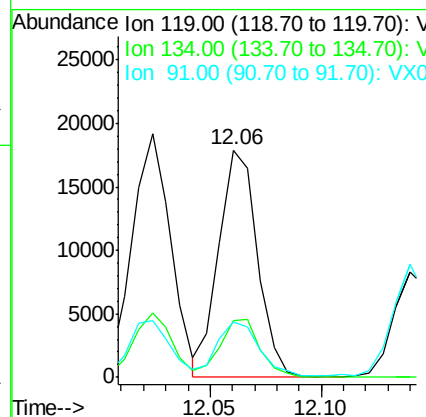
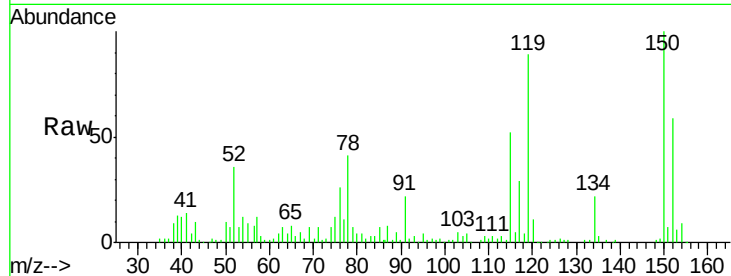




#86
 p-Isopropyltoluene
 Concen: 2.805 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009869.D
 Acq: 23 May 2019 19:25

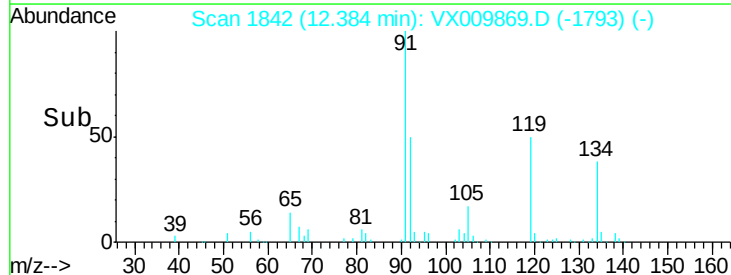
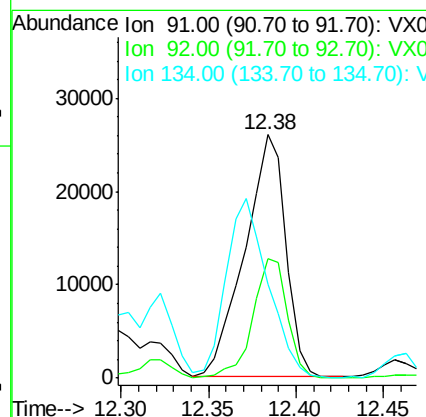
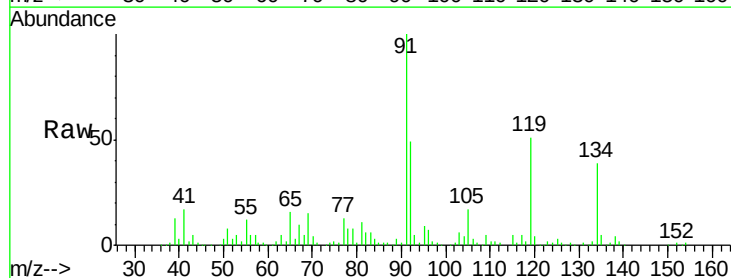
Instrument :
 MSVOA_X
 ClientSampleID :
 EP1-SB-E2-3R(14-17)DL

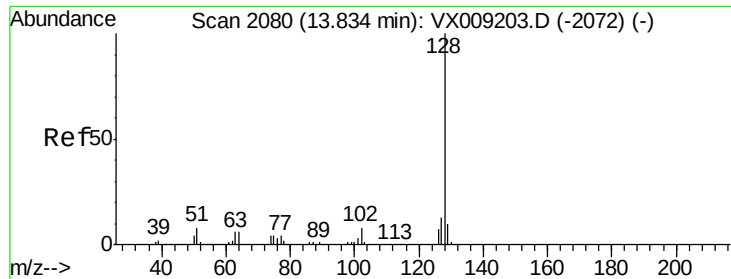
Tot Ion: 119 Resp: 21478
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 25.5 11.8 35.4



#89
 n-Butylbenzene
 Concen: 6.126 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009869.D
 Acq: 23 May 2019 19:25

Tgt Ion: 91 Resp: 42391
 Ion Ratio Lower Upper
 91 100
 92 41.7 26.5 79.5
 134 75.0 12.4 37.2#





#95
 Naphthalene
 Concen: 1.004 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX009869.D
 Acq: 23 May 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	13.8	8.6	13.0

