

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO052219\
 Data File : VX009822.D
 Acq On : 22 May 2019 23:21
 Operator : JC/SP
 Sample : K2976-01 50X
 Misc : 6.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: May 31 07:52:27 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	5.66	168	170931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120148	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	115670	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
35) Dibromofluoromethane	5.50	113	83843	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
50) Toluene-d8	8.71	98	349339	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	131543	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	

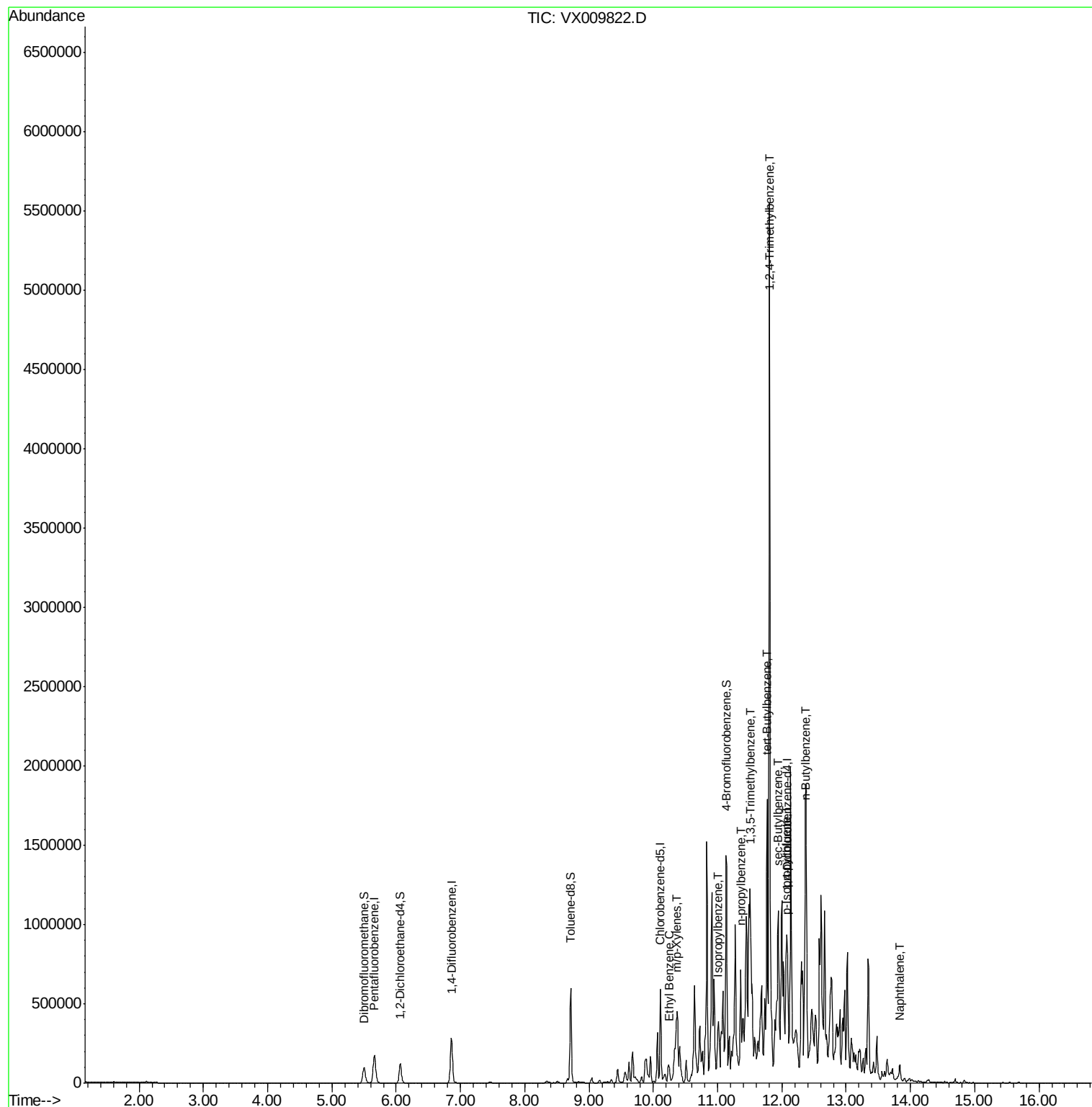
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.25	91	16955	1.844	ug/l	95
68) m/p-Xylenes	10.36	106	49582	14.753	ug/l	94
73) Isopropylbenzene	11.02	105	126348	14.461	ug/l	99
78) n-propylbenzene	11.36	91	352362	35.313	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378428	51.441	ug/l	99
83) tert-Butylbenzene	11.77	119	30188	4.218	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	2240794	303.460	ug/l	98
85) sec-Butylbenzene	11.94	105	229950	27.102	ug/l	97
86) p-Isopropyltoluene	12.06	119	158193	20.740	ug/l	99
89) n-Butylbenzene	12.38	91	298557	43.307	ug/l #	54
95) Naphthalene	13.83	128	61710	7.044	ug/l	96

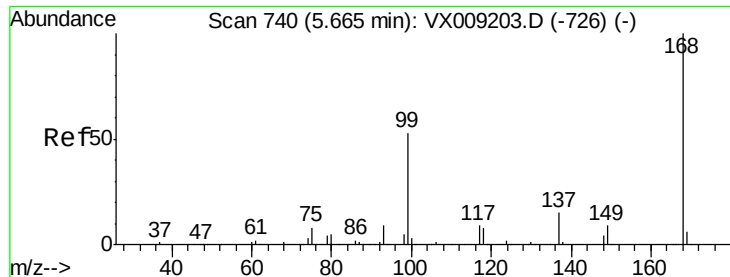
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009822.D
Acq On : 22 May 2019 23:21
Operator : JC/SP
Sample : K2976-01 50X
Misc : 6.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: May 31 07:52:27 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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

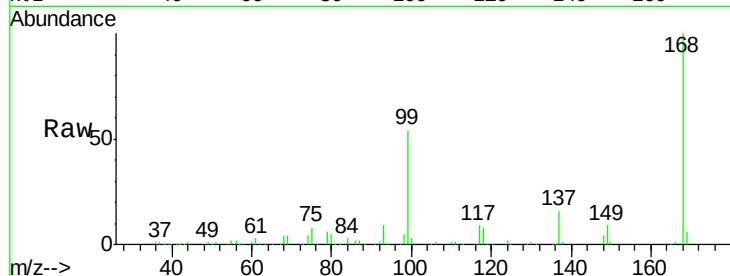
EP1-SB-E2-3R(14-17)

Tot Ion:168 Resp: 170931

Ion Ratio Lower Upper

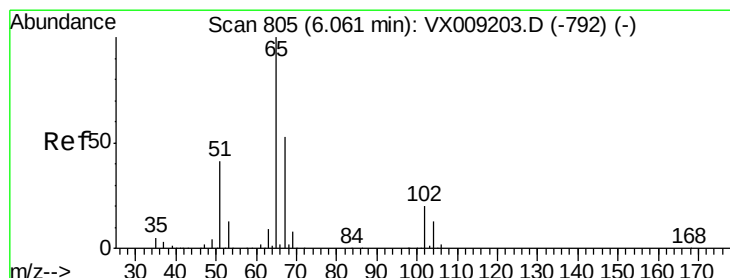
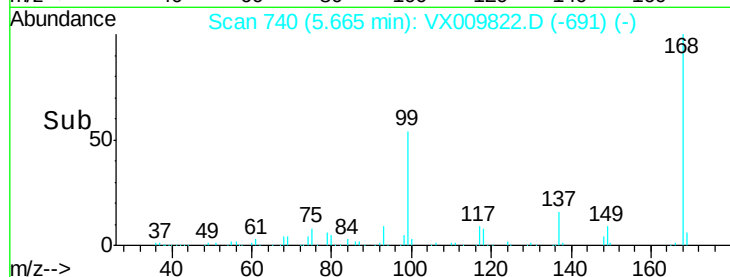
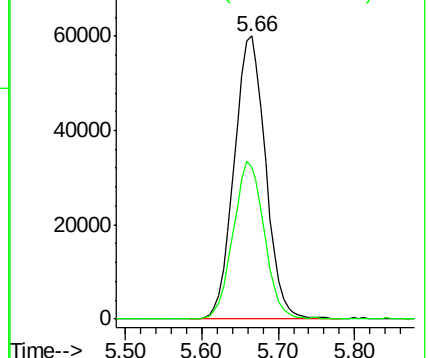
168 100

99 53.7 42.3 63.5



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: 49.571 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009822.D

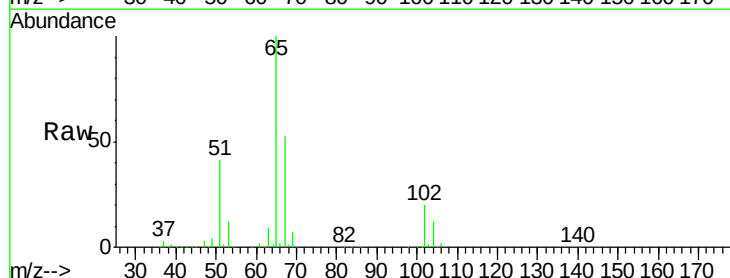
Acq: 22 May 2019 23:21

Tgt Ion: 65 Resp: 115670

Ion Ratio Lower Upper

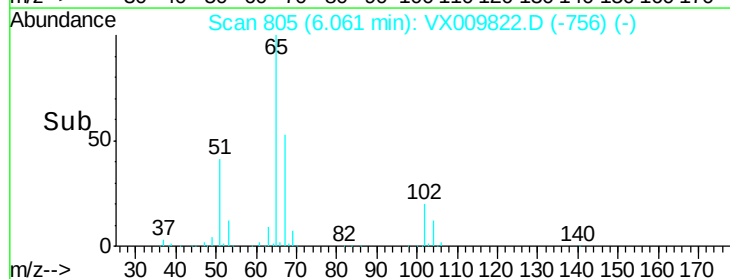
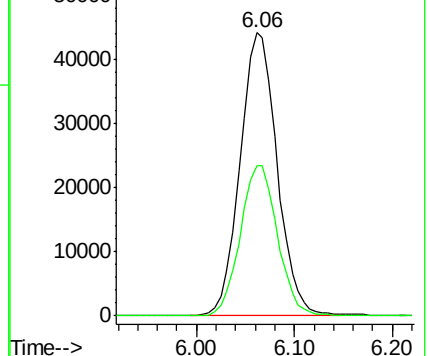
65 100

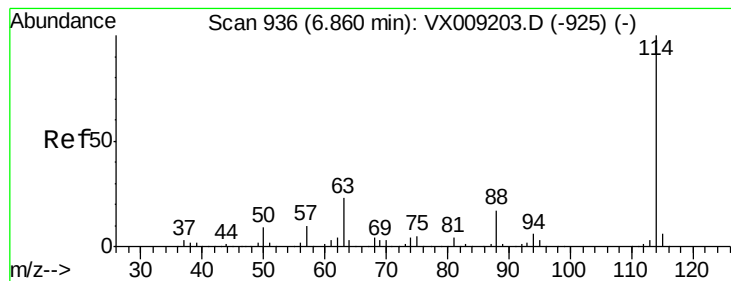
67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

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

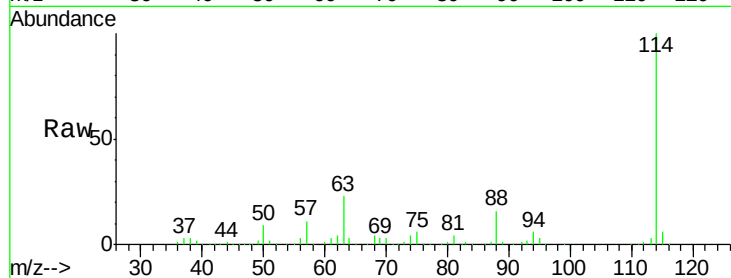
Tot Ion:114 Resp: 271564

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

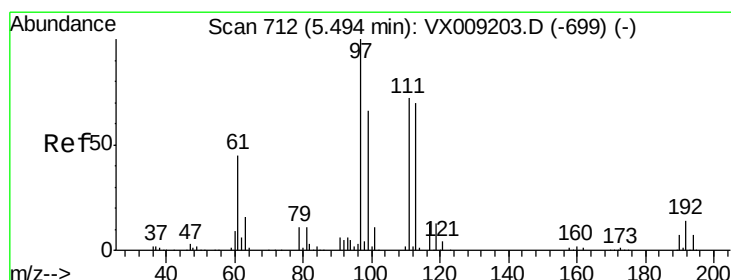
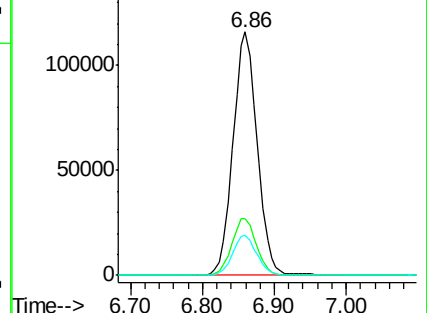
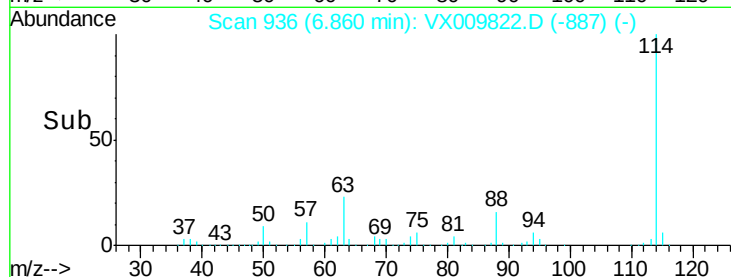
88 16.3 0.0 33.2



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: 49.113 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

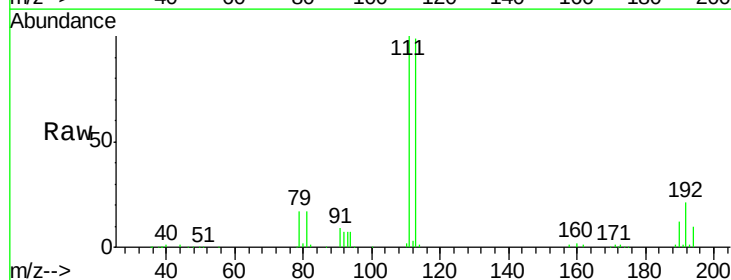
Tgt Ion:113 Resp: 83843

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

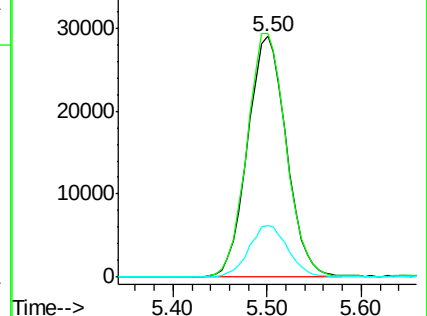
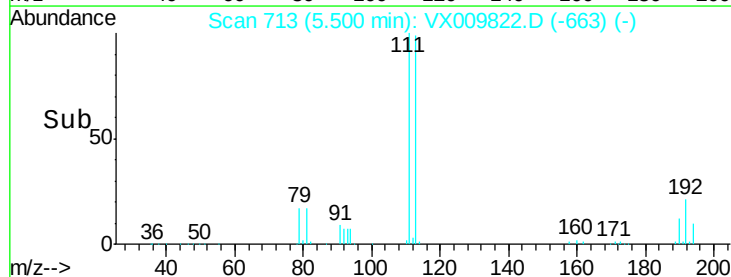
192 21.7 17.0 25.6

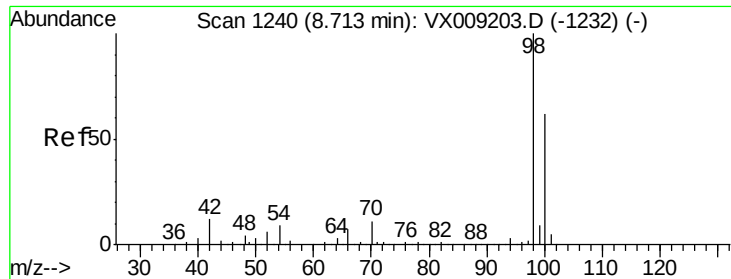


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

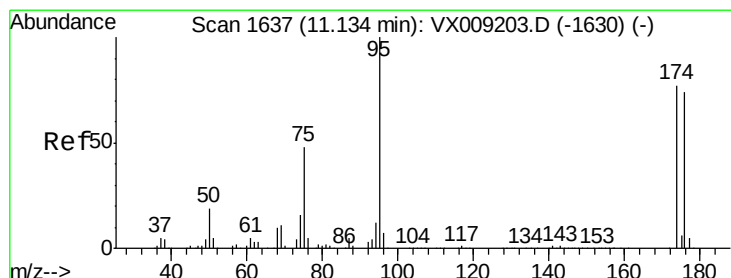
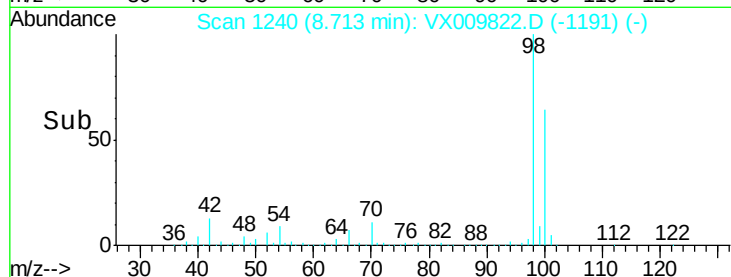
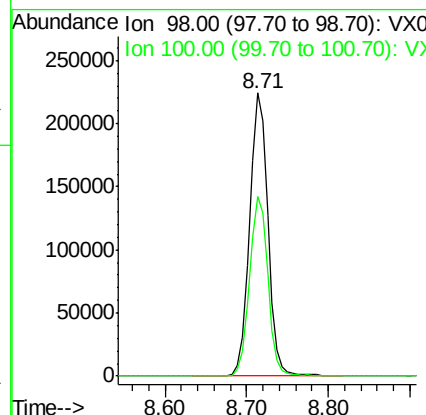
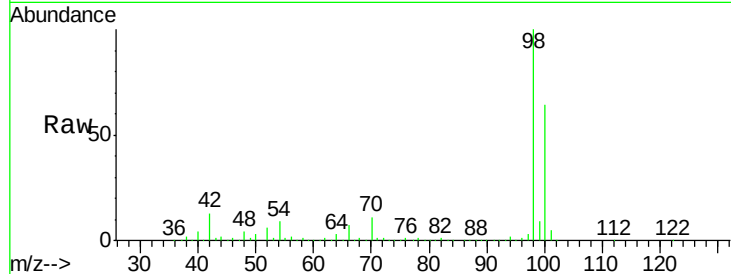




#50
Toluene-d8
Concen: 50.686 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

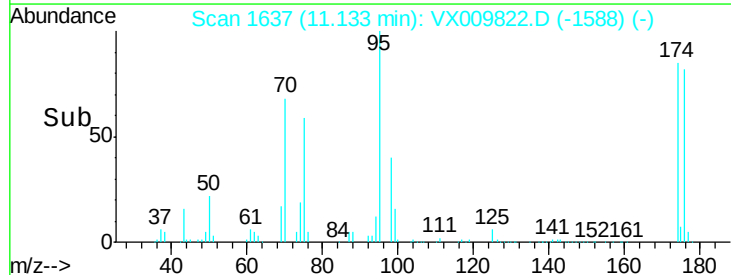
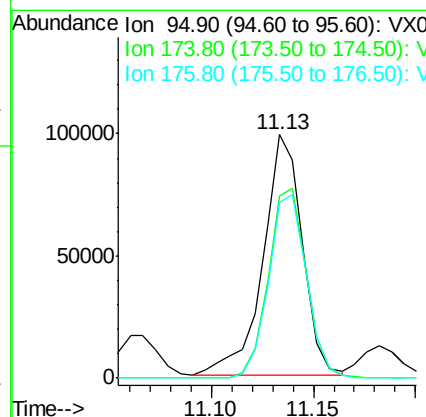
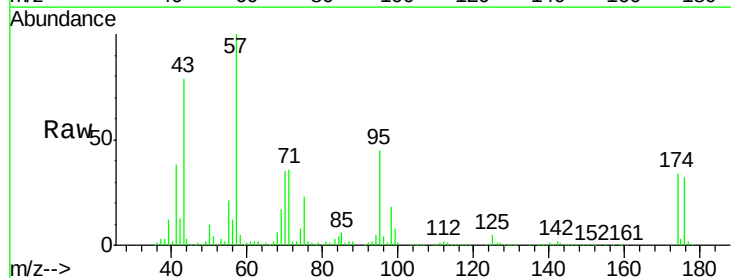
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)

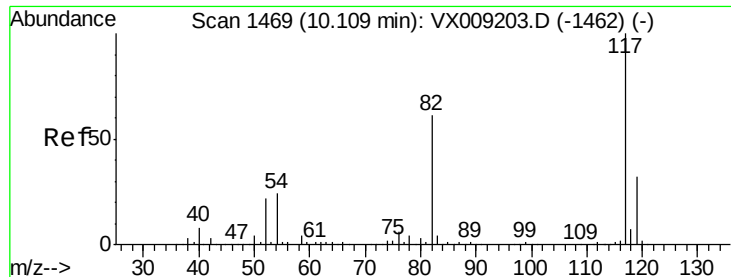
Tot Ion: 98 Resp: 349339
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 52.525 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Tgt Ion: 95 Resp: 131543
Ion Ratio Lower Upper
95 100
174 77.0 0.0 161.6
176 74.6 0.0 159.2

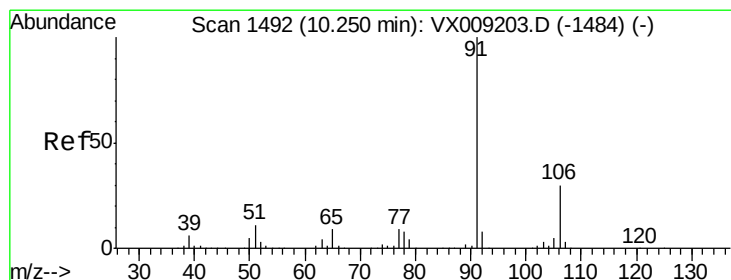
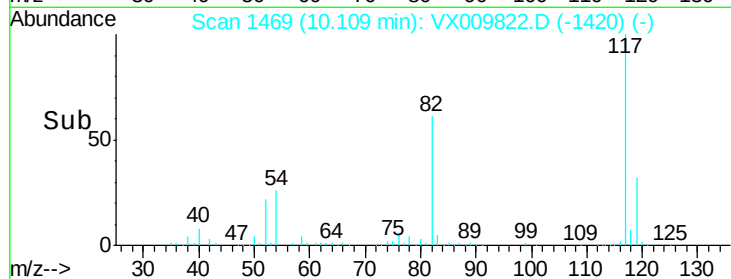
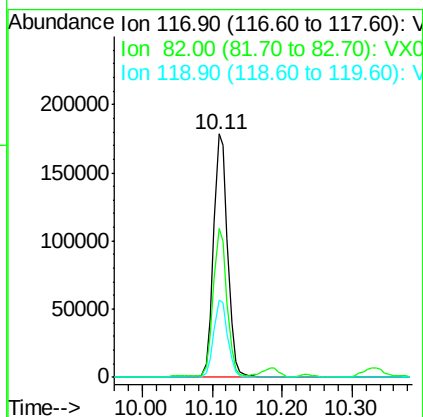
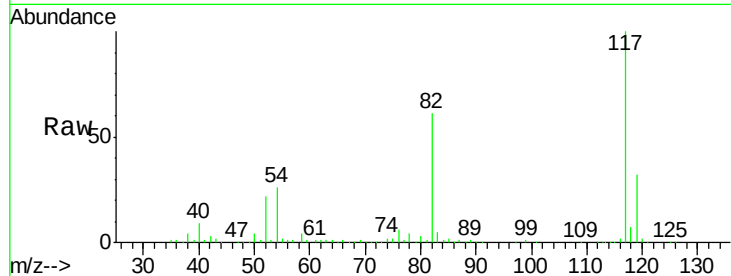




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

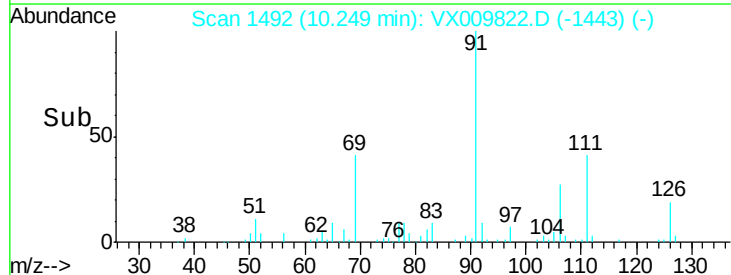
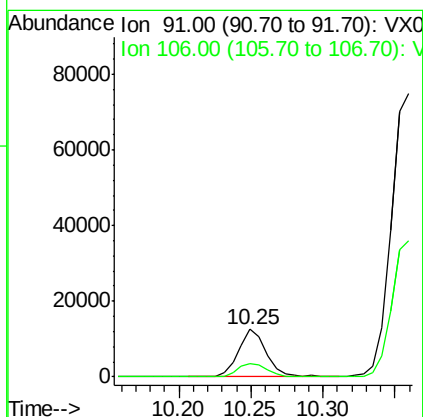
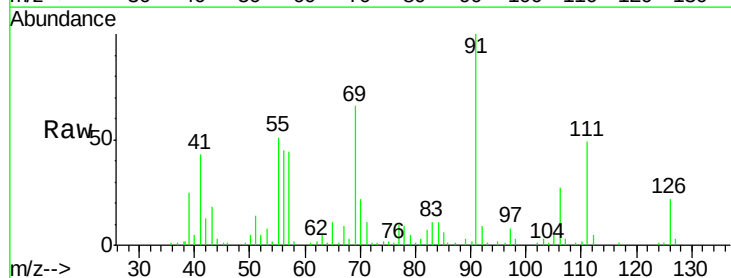
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)

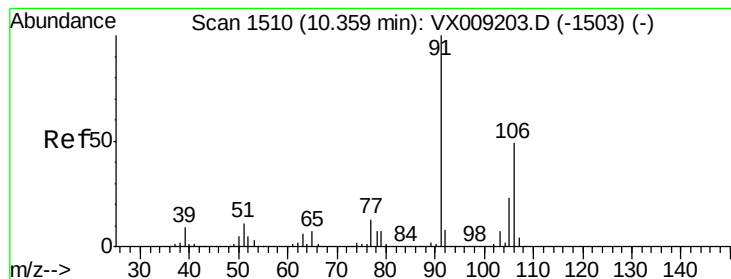
Tot Ion:117 Resp: 249804
Ion Ratio Lower Upper
117 100
82 61.3 48.8 73.2
119 31.7 25.8 38.6



#67
Ethyl Benzene
Concen: 1.844 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Tgt Ion: 91 Resp: 16955
Ion Ratio Lower Upper
91 100
106 27.4 24.0 36.0





#68

m/p-Xvlenes

Concen: 14.753 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

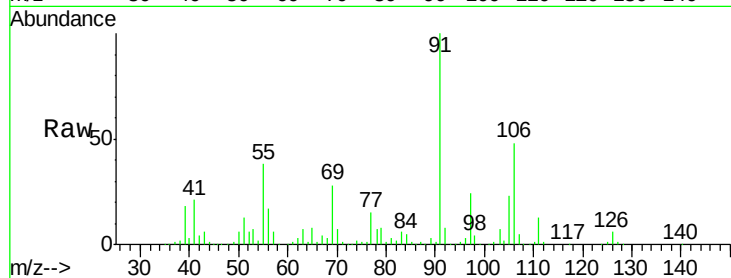
EP1-SB-E2-3R(14-17)

Tot Ion:106 Resp: 49582

Ion Ratio Lower Upper

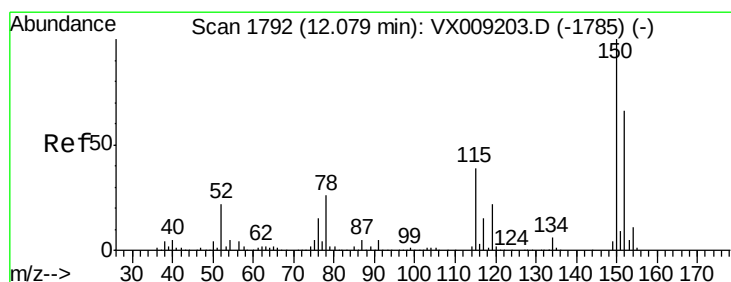
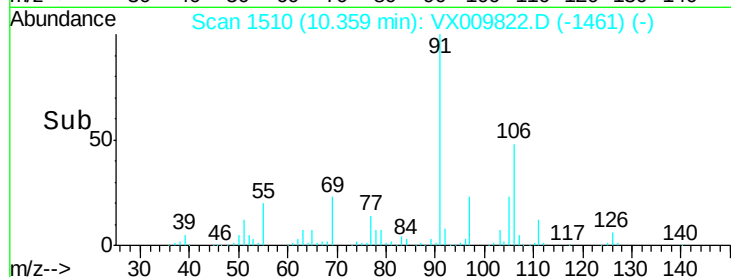
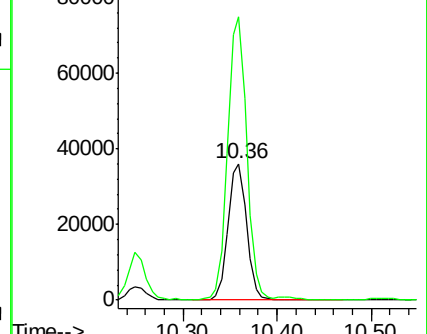
106 100

91 213.7 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

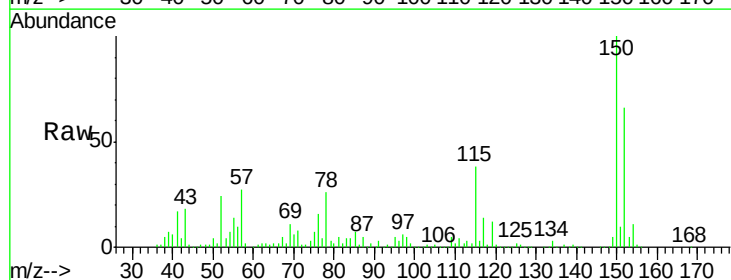
Tgt Ion:152 Resp: 120148

Ion Ratio Lower Upper

152 100

115 66.4 41.2 123.6

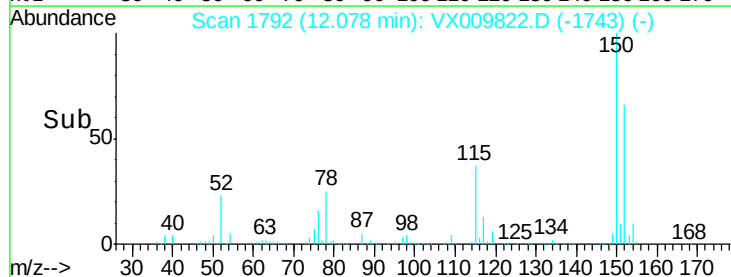
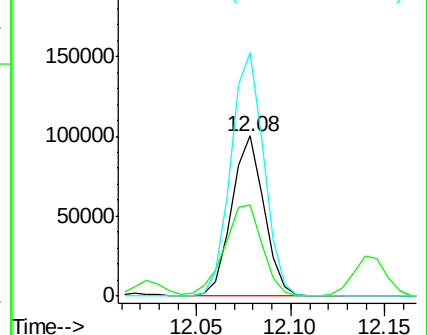
150 155.1 0.0 346.4

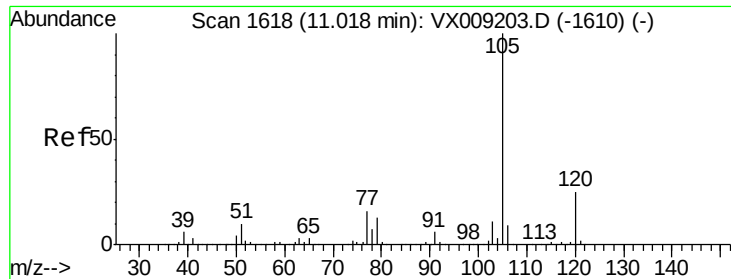


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 14.461 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

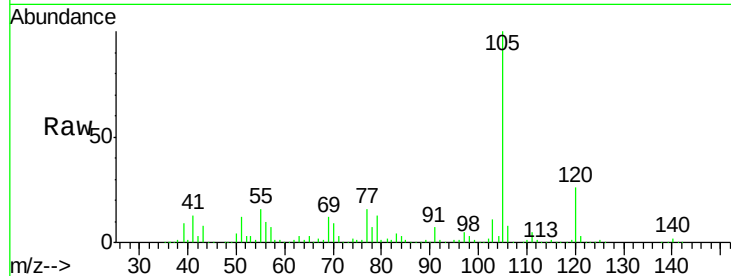
EP1-SB-E2-3R(14-17)

Tot Ion:105 Resp: 126348

Ion Ratio Lower Upper

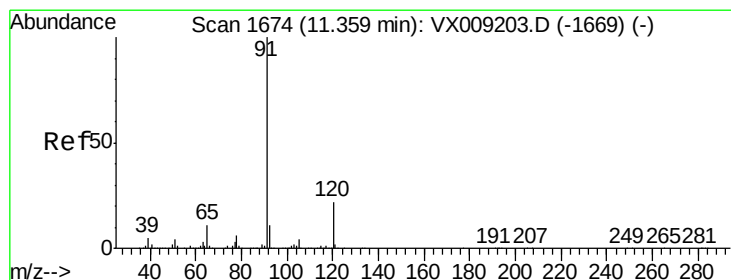
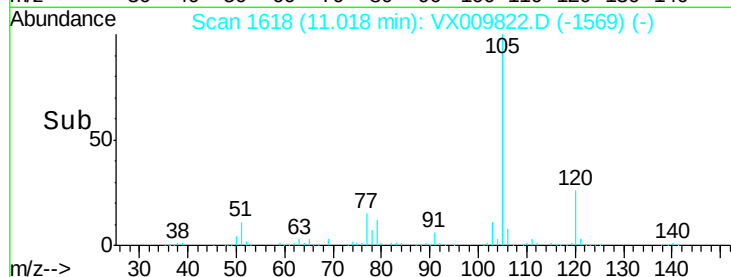
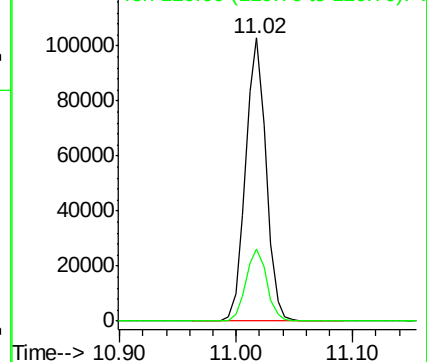
105 100

120 26.0 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: 35.313 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009822.D

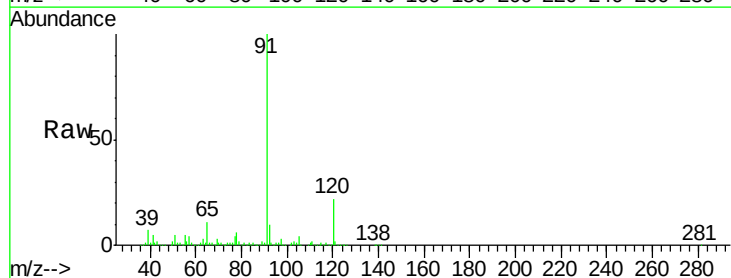
Acq: 22 May 2019 23:21

Tgt Ion: 91 Resp: 352362

Ion Ratio Lower Upper

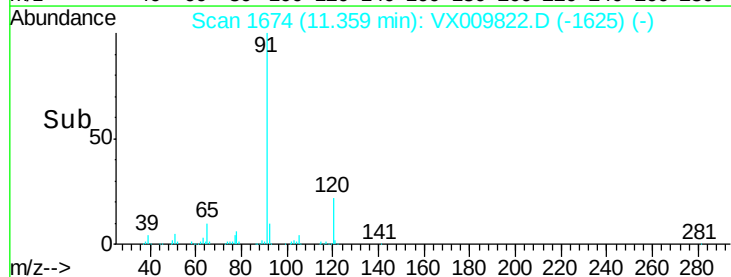
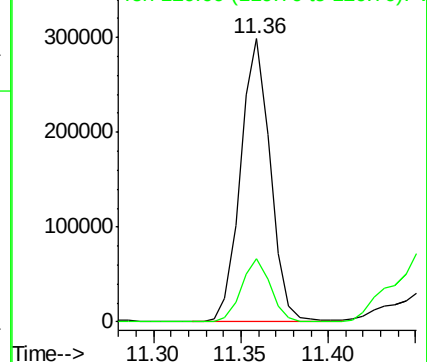
91 100

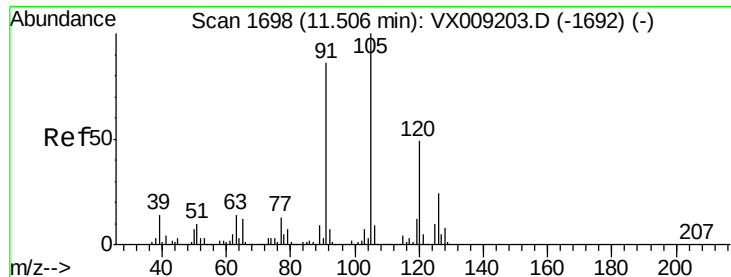
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

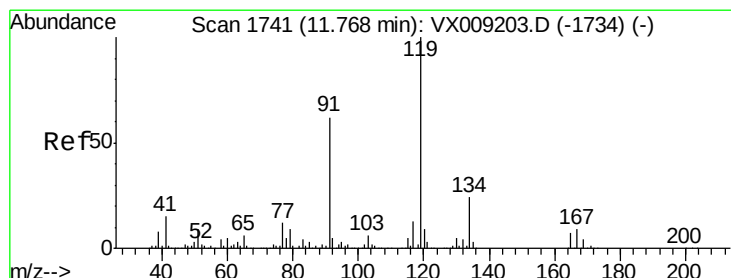
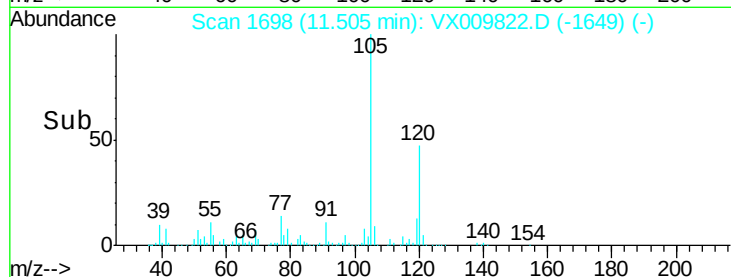
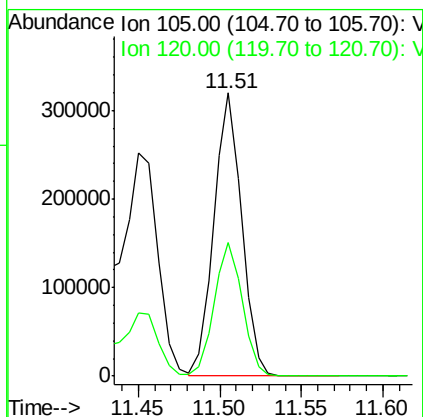
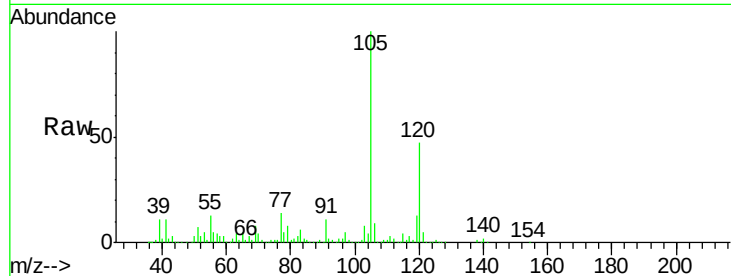




#80
 1,3,5-Trimethylbenzene
 Concen: 51.441 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

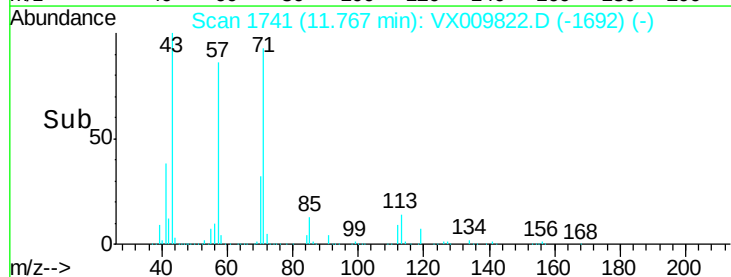
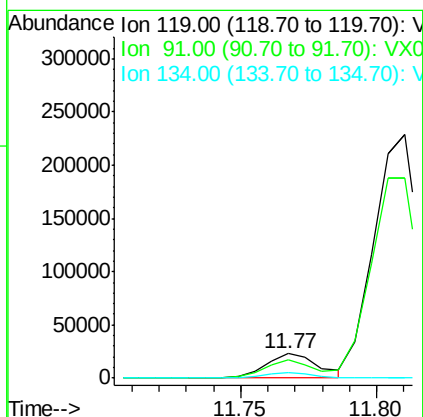
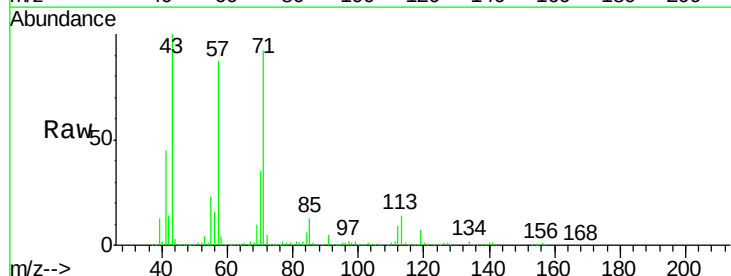
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E2-3R(14-17)

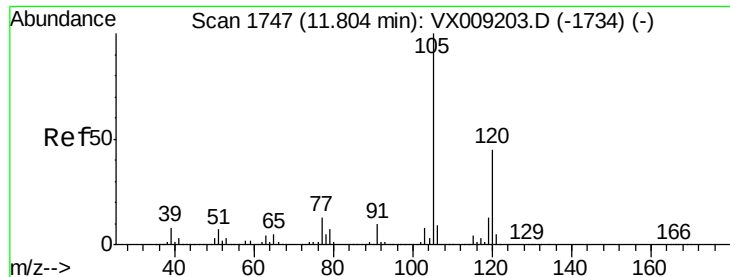
Tot Ion:105 Resp: 378428
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9



#83
 tert-Butylbenzene
 Concen: 4.218 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009822.D
 Acq: 22 May 2019 23:21

Tgt Ion:119 Resp: 30188
 Ion Ratio Lower Upper
 119 100
 91 65.1 29.5 88.5
 134 22.2 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 303.460 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX009822.D

Acq: 22 May 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

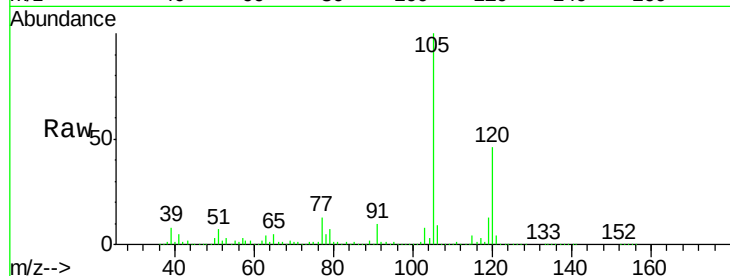
EP1-SB-E2-3R(14-17)

Tot Ion:105 Resp: 2240794

Ion Ratio Lower Upper

105 100

120 45.4 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

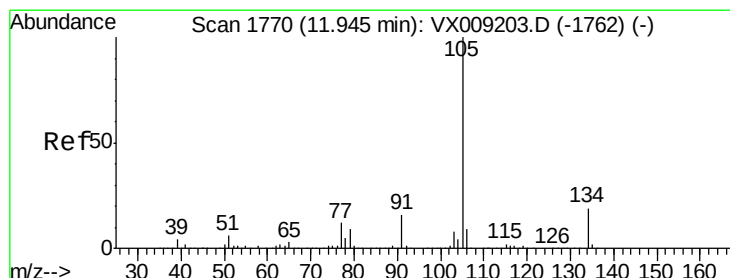
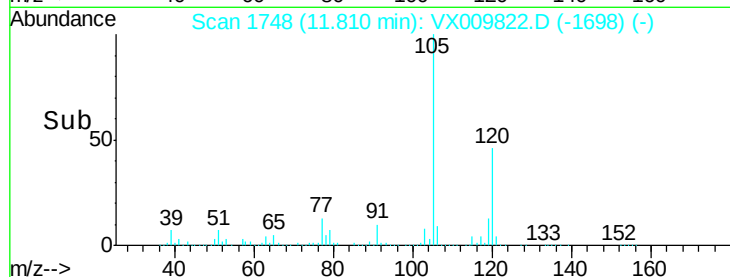
1500000

1000000

500000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 27.102 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009822.D

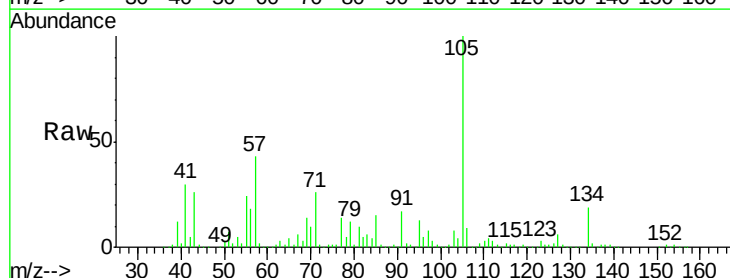
Acq: 22 May 2019 23:21

Tgt Ion:105 Resp: 229950

Ion Ratio Lower Upper

105 100

134 17.9 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

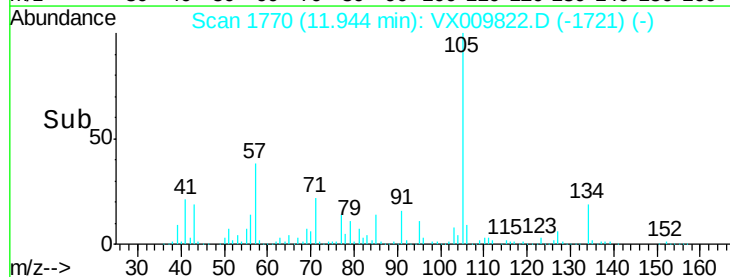
150000

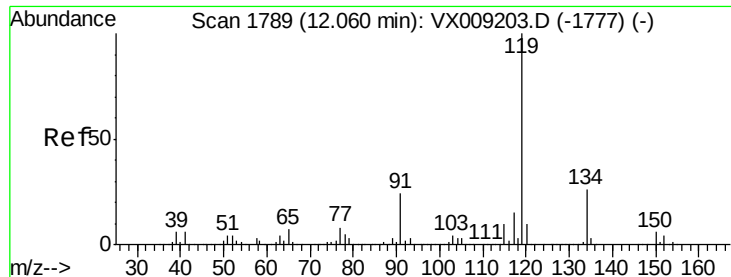
100000

50000

0

Time--> 11.85 11.90 11.95 12.00

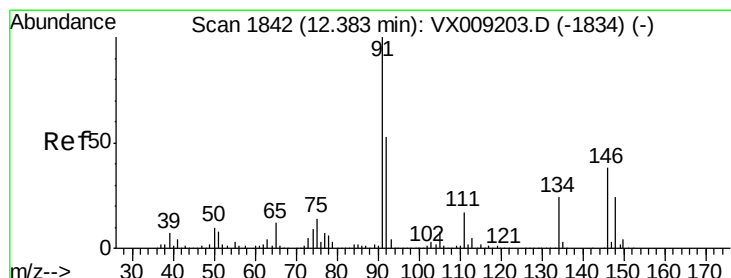
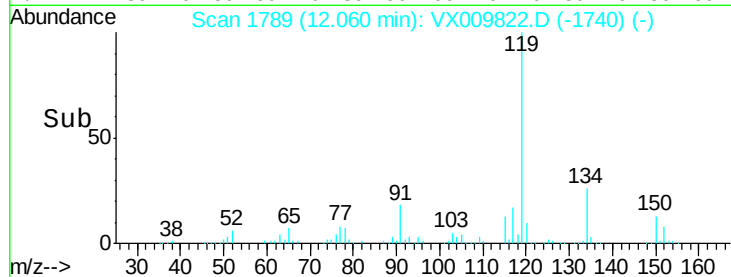
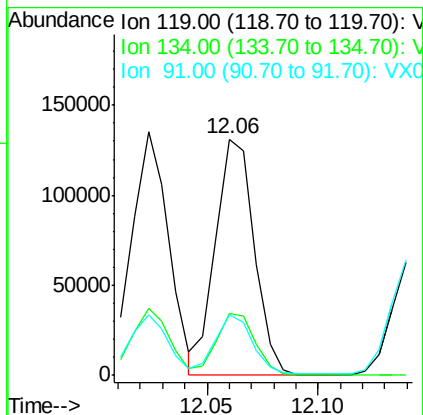
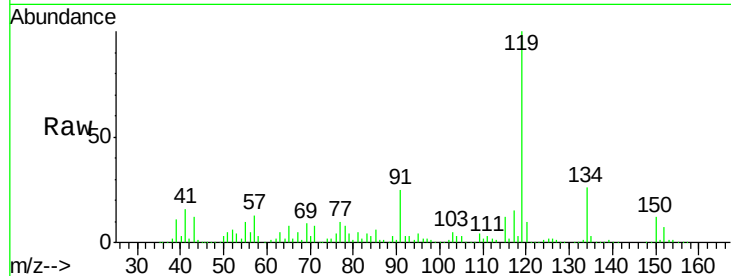




#86
p-Isopropyltoluene
Concen: 20.740 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

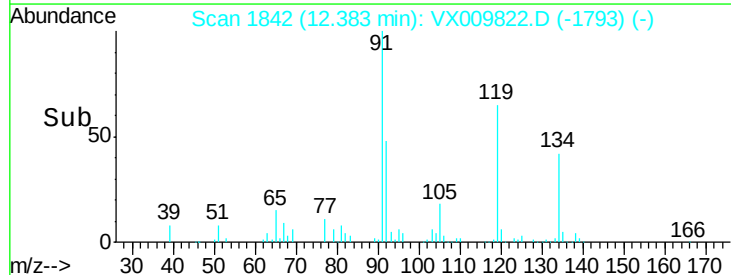
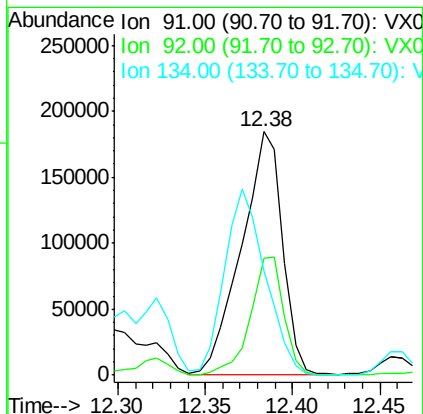
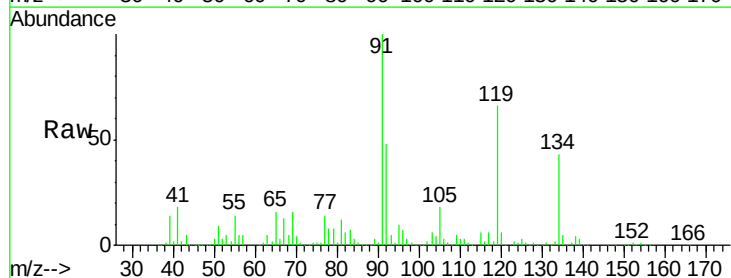
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E2-3R(14-17)

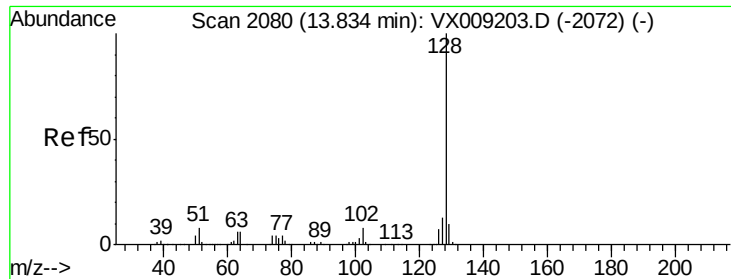
Tot Ion:119 Resp: 158193
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.7
91 24.0 11.8 35.4



#89
n-Butylbenzene
Concen: 43.307 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

Tgt Ion: 91 Resp: 298557
Ion Ratio Lower Upper
91 100
92 39.8 26.5 79.5
134 76.8 12.4 37.2#





#95
Naphthalene
Concen: 7.044 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009822.D
Acq: 22 May 2019 23:21

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

Tot Ion:128 Resp: 61710
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 12.8 8.6 13.0

