

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009829.D
 Acq On : 23 May 2019 02:04
 Operator : JC/SP
 Sample : K2976-08 50X
 Misc : 6.71g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E-7R(17-20)

Quant Time: May 31 07:53:59 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

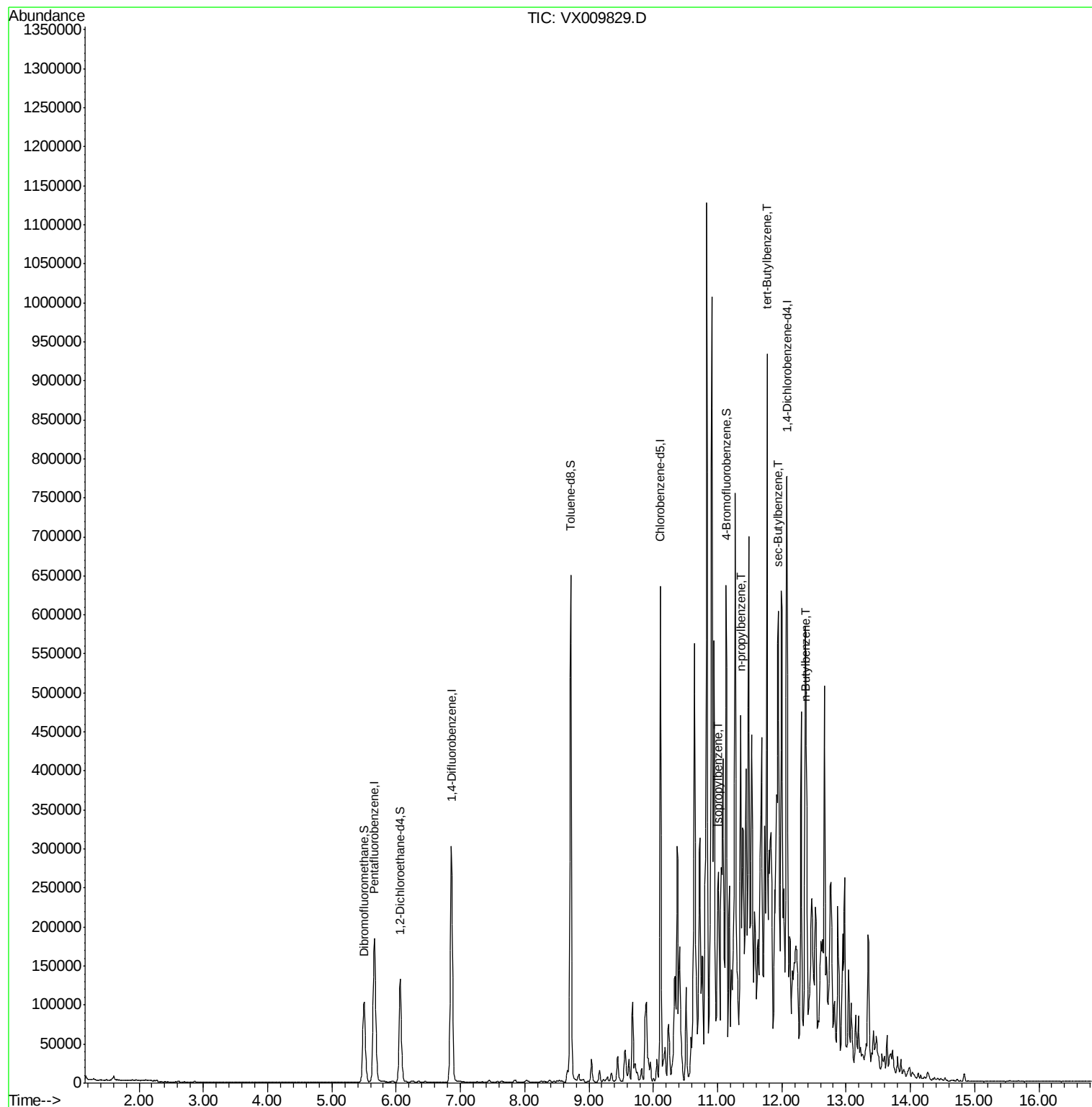
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123103	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	5.50	113	87939	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	8.71	98	372398	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	141804	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
Target Compounds						
73) Isopropylbenzene	11.02	105	78631	8.250	ug/l	99
78) n-propylbenzene	11.36	91	240686	22.112	ug/l	98
83) tert-Butylbenzene	11.77	119	17461	2.237	ug/l	87
85) sec-Butylbenzene	11.94	105	128843	13.920	ug/l	95
89) n-Butylbenzene	12.38	91	93926	12.489	ug/l	89

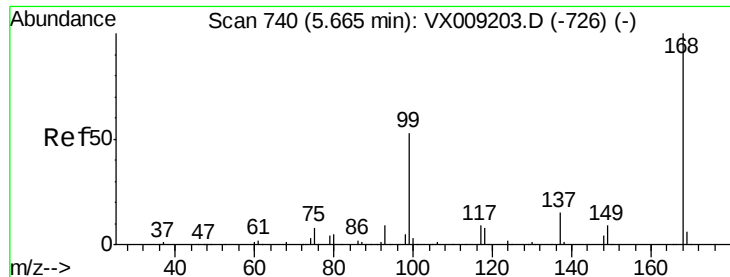
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
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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: VX009829.D

Acq: 23 May 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

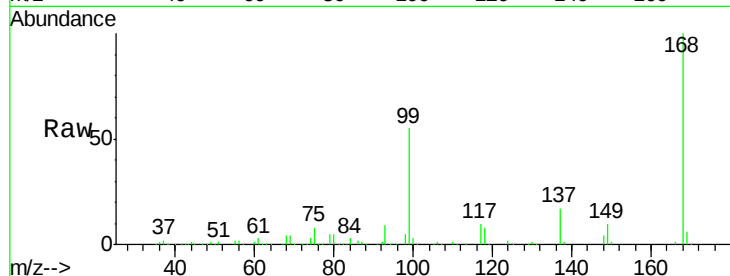
EP1-SB-E-7R(17-20)

Tot Ion:168 Resp: 178238

Ion Ratio Lower Upper

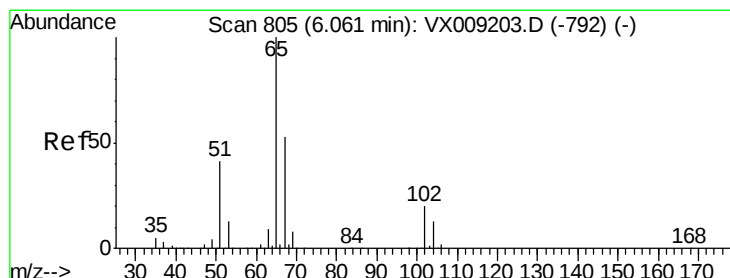
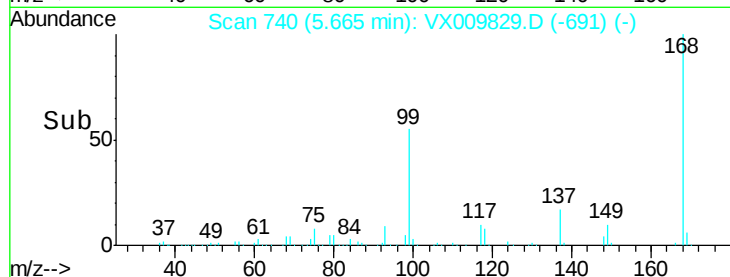
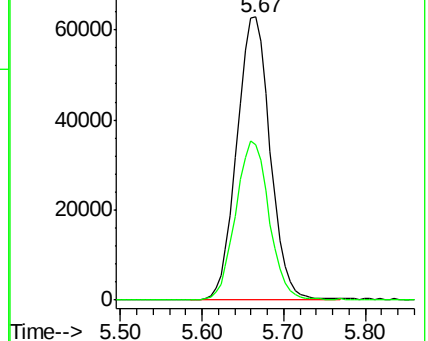
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 50.594 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009829.D

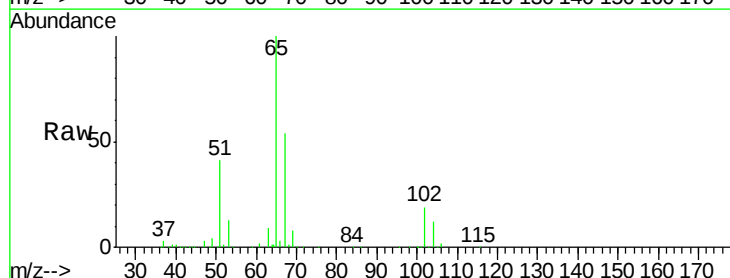
Acq: 23 May 2019 02:04

Tgt Ion: 65 Resp: 123103

Ion Ratio Lower Upper

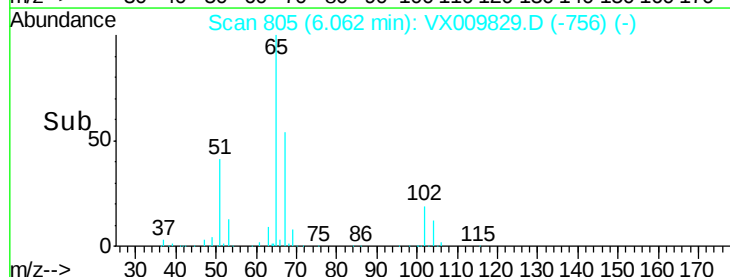
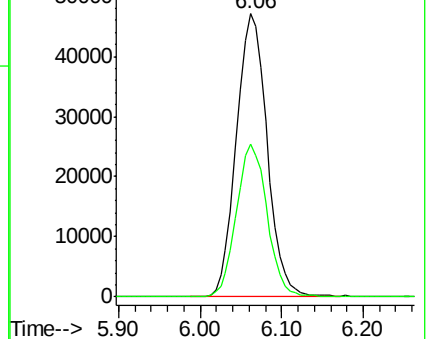
65 100

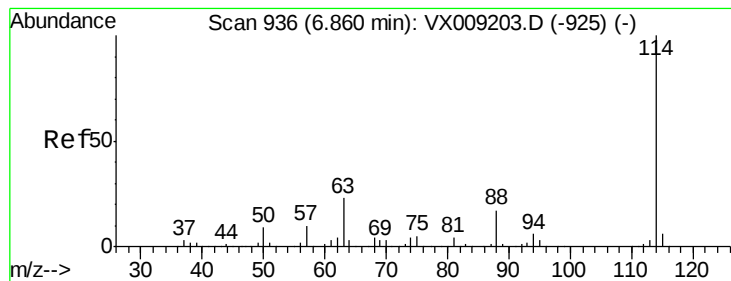
67 53.7 0.0 106.6



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: VX009829.D

Acq: 23 May 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E-7R(17-20)

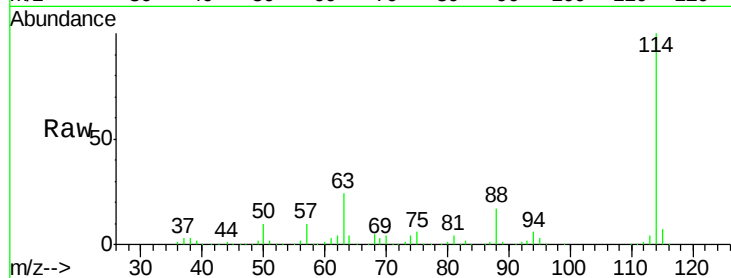
Tot Ion:114 Resp: 293713

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.6

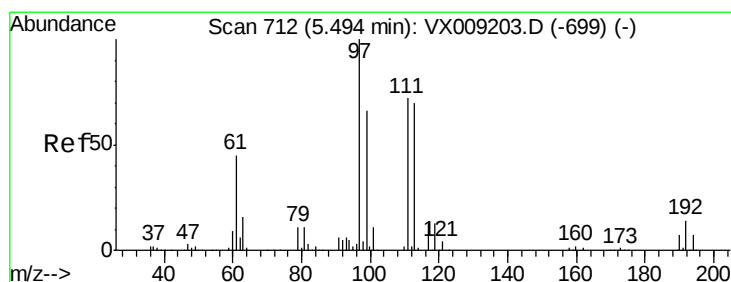
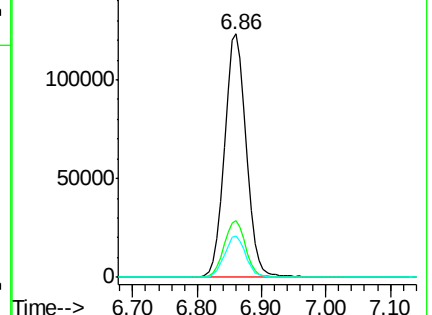
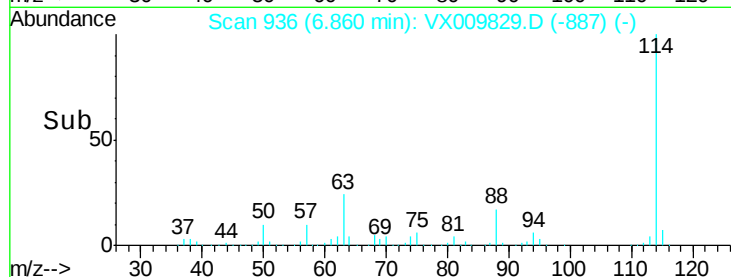
88 17.2 0.0 33.2



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: 47.627 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009829.D

Acq: 23 May 2019 02:04

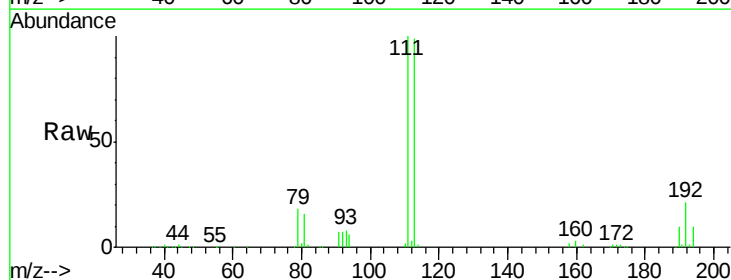
Tgt Ion:113 Resp: 87939

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

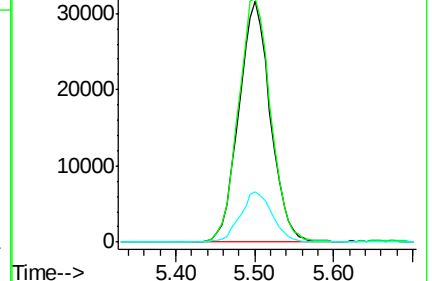
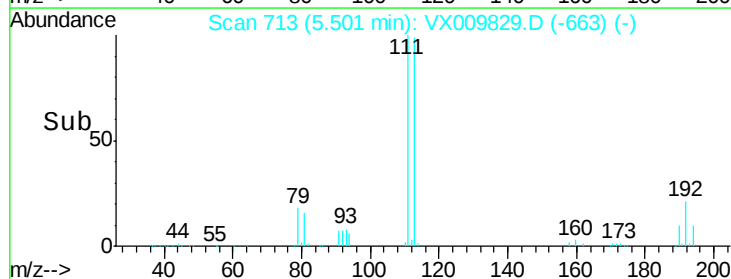
192 21.3 17.0 25.6

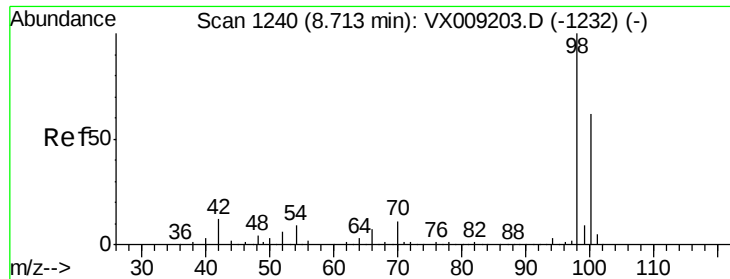


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.957 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009829.D

Acq: 23 May 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

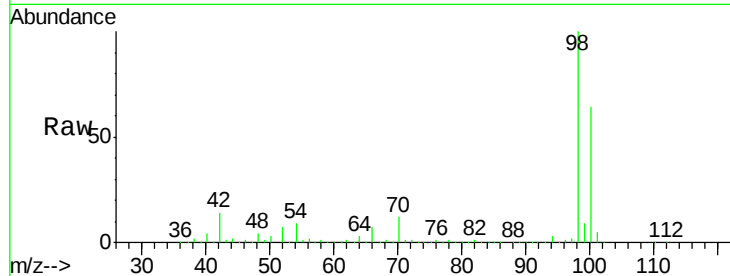
EP1-SB-E-7R(17-20)

Tot Ion: 98 Resp: 372398

Ion Ratio Lower Upper

98 100

100 63.8 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

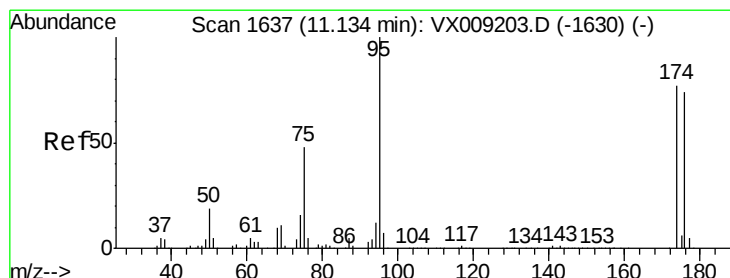
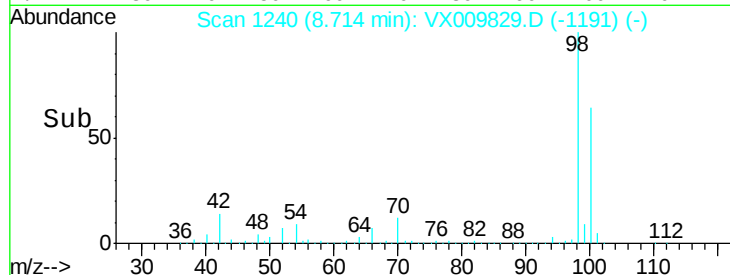
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 52.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009829.D

Acq: 23 May 2019 02:04

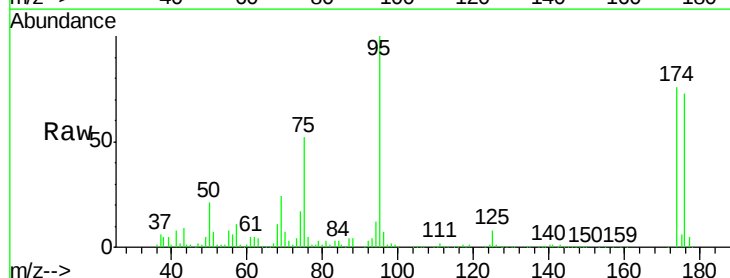
Tgt Ion: 95 Resp: 141804

Ion Ratio Lower Upper

95 100

174 77.1 0.0 161.6

176 75.1 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

150000

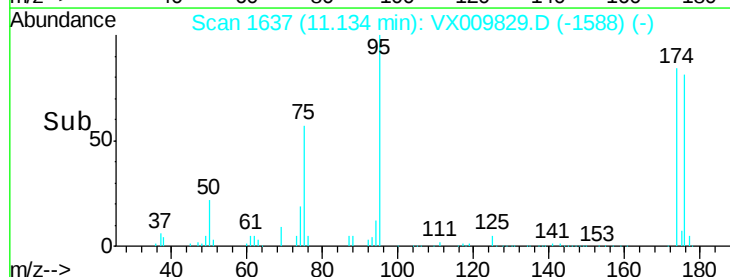
100000

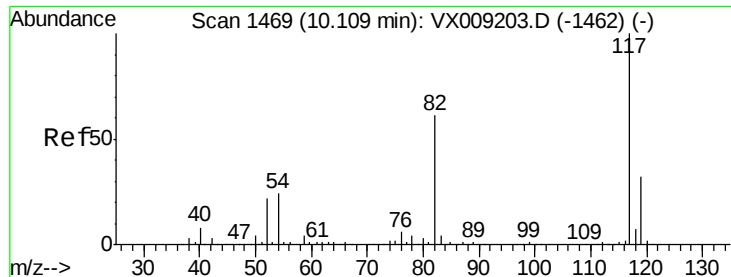
50000

0

11.10 11.15

Time-->

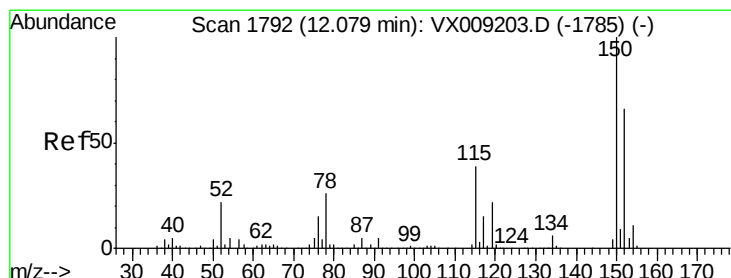
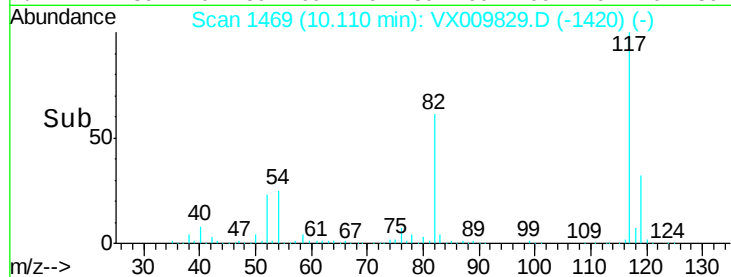
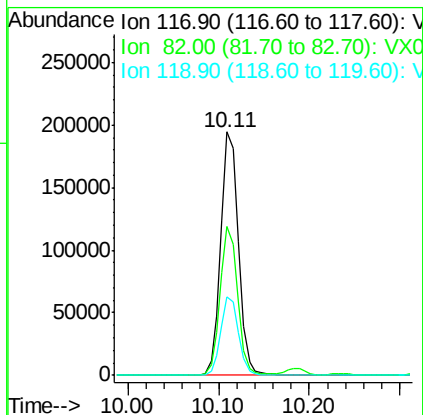
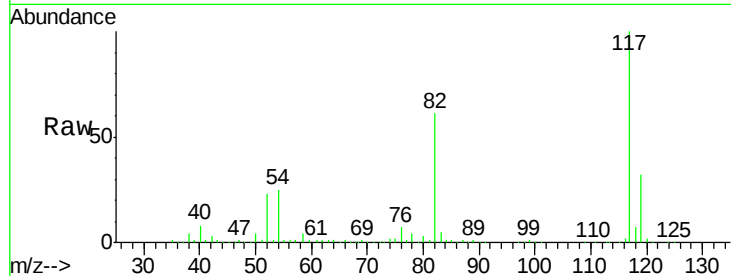




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009829.D
Acq: 23 May 2019 02:04

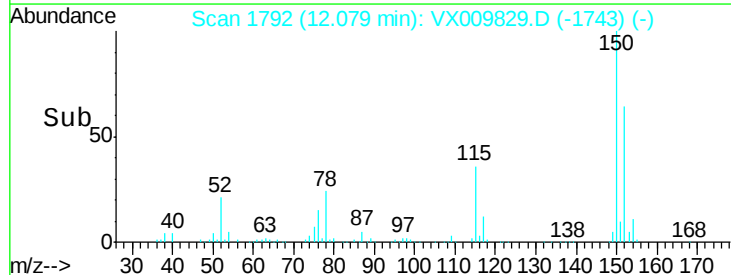
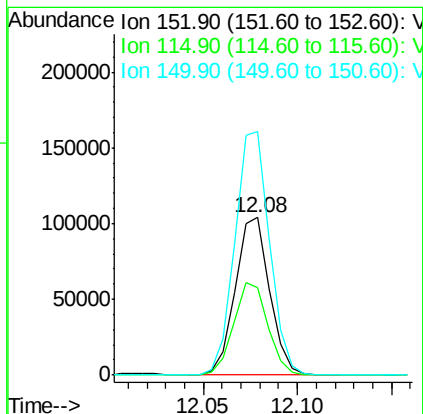
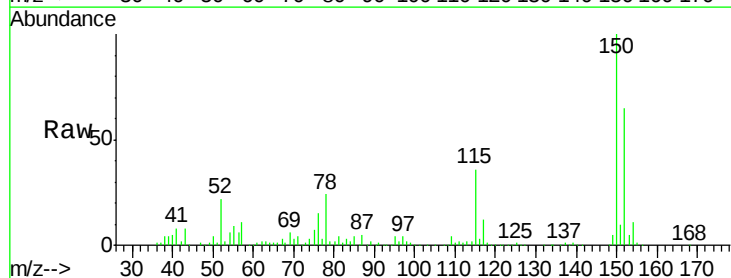
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-7R(17-20)

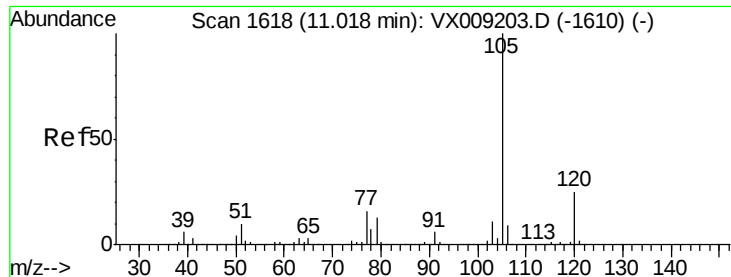
Tot Ion:117 Resp: 267637
Ion Ratio Lower Upper
117 100
82 60.9 48.8 73.2
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009829.D
Acq: 23 May 2019 02:04

Tgt Ion:152 Resp: 131069
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 157.4 0.0 346.4





#73

Isopropylbenzene

Concen: 8.250 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009829.D

Acq: 23 May 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

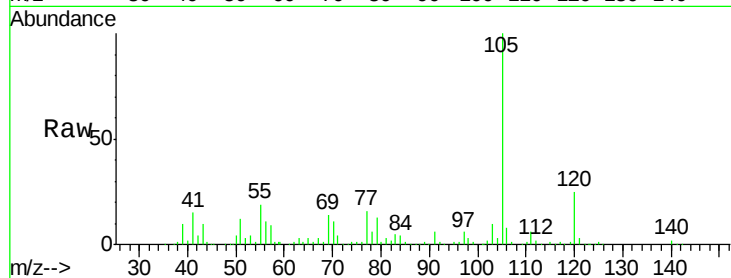
EP1-SB-E-7R(17-20)

Tot Ion:105 Resp: 78631

Ion Ratio Lower Upper

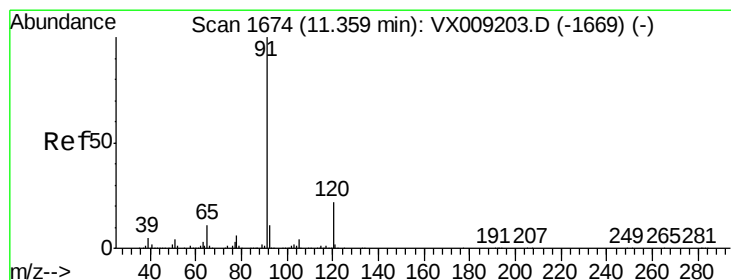
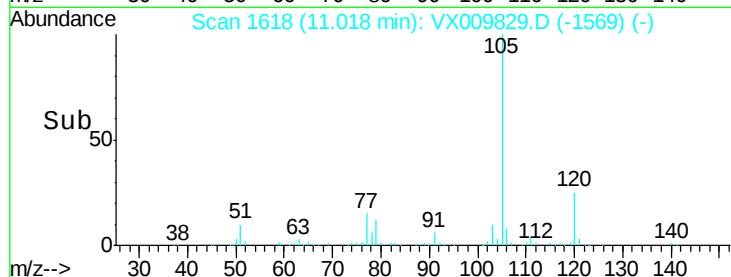
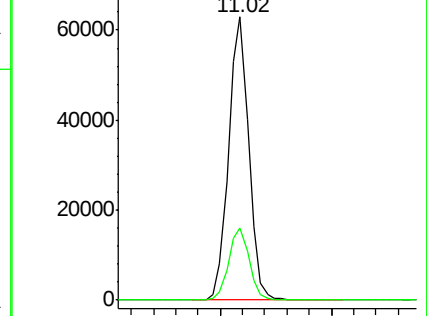
105 100

120 25.9 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: 22.112 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009829.D

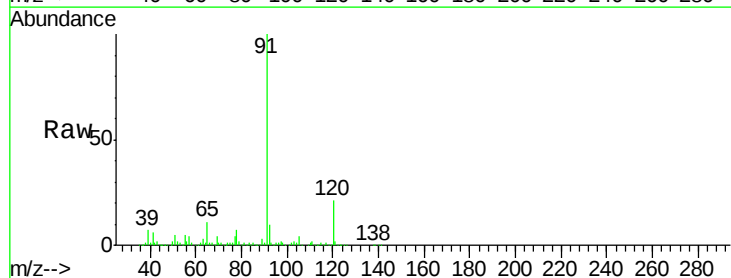
Acq: 23 May 2019 02:04

Tgt Ion: 91 Resp: 240686

Ion Ratio Lower Upper

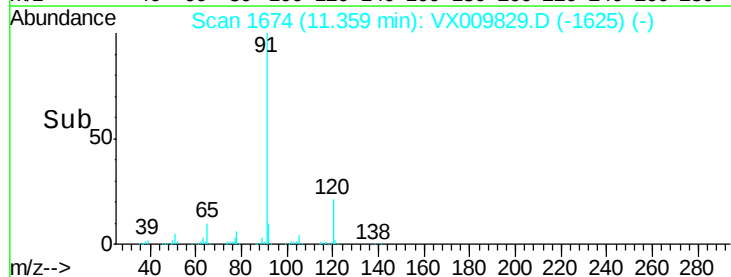
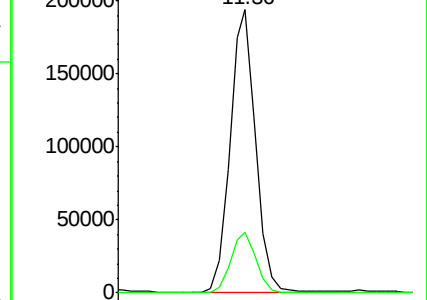
91 100

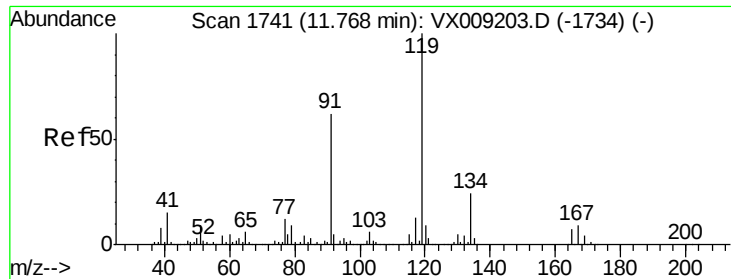
120 21.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

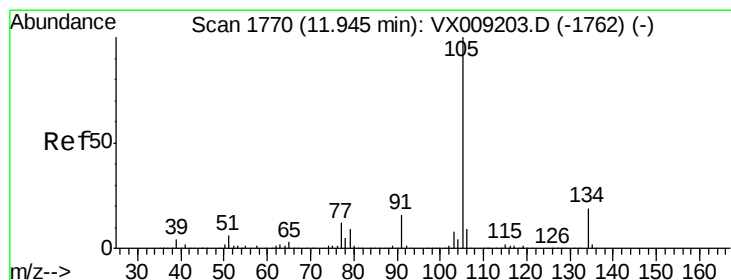
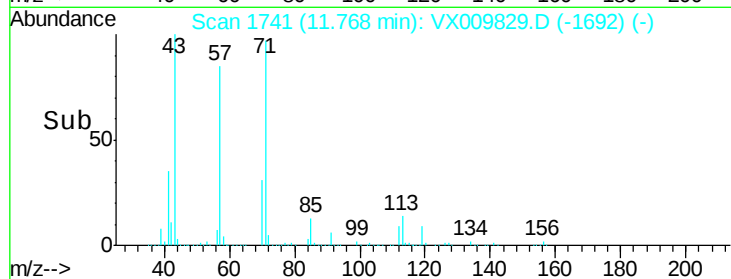
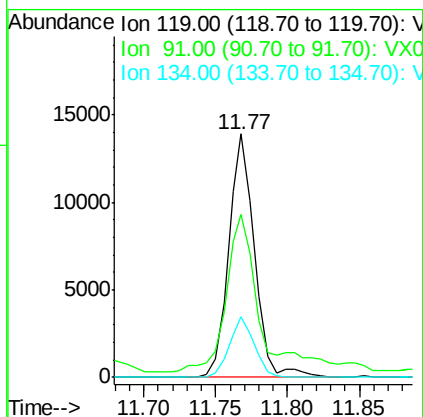
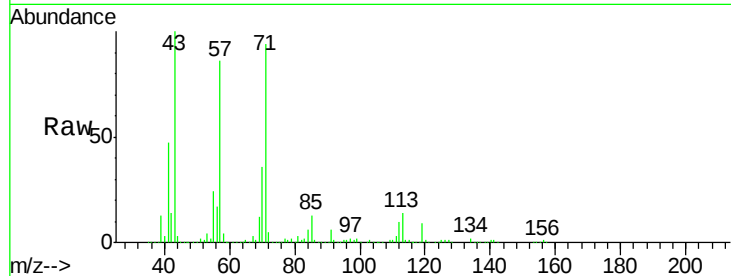




#83
tert-Butylbenzene
Concen: 2.237 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009829.D
Acq: 23 May 2019 02:04

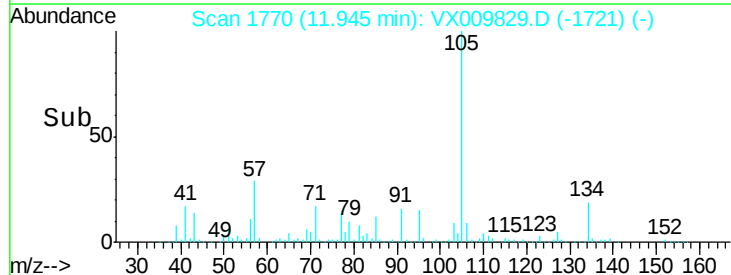
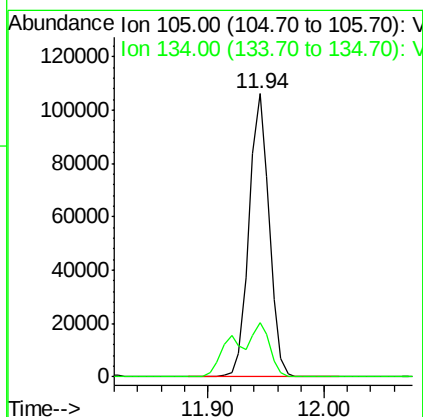
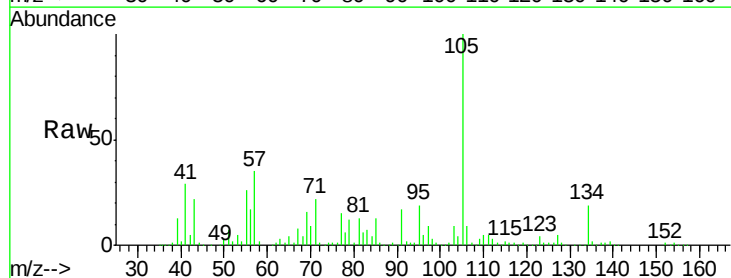
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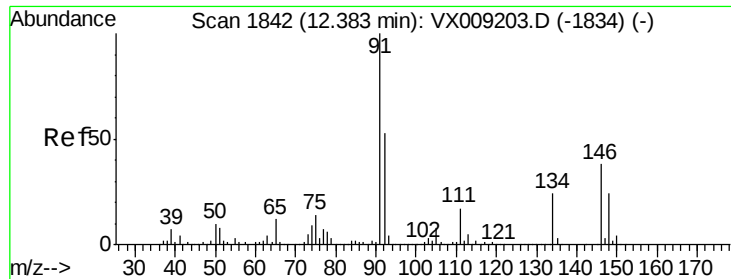
Tot Ion:119 Resp: 17461
Ion Ratio Lower Upper
119 100
91 71.7 29.5 88.5
134 24.0 11.4 34.1



#85
sec-Butylbenzene
Concen: 13.920 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX009829.D
Acq: 23 May 2019 02:04

Tgt Ion:105 Resp: 128843
Ion Ratio Lower Upper
105 100
134 17.0 9.7 28.9





#89

n-Butylbenzene

Concen: 12.489 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009829.D

Acq: 23 May 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E-7R(17-20)

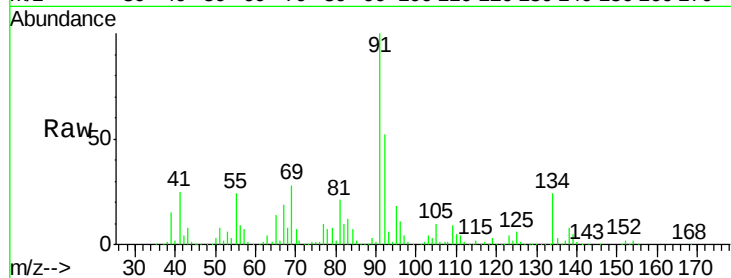
Tot Ion: 91 Resp: 93926

Ion Ratio Lower Upper

91 100

92 47.2 26.5 79.5

134 33.5 12.4 37.2



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

