

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009866.D
 Acq On : 23 May 2019 18:14
 Operator : JC/SP
 Sample : K2976-17DL 250X
 Misc : 6.48g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-SBR-2BR(14-17)DL

Quant Time: May 31 08:17:02 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

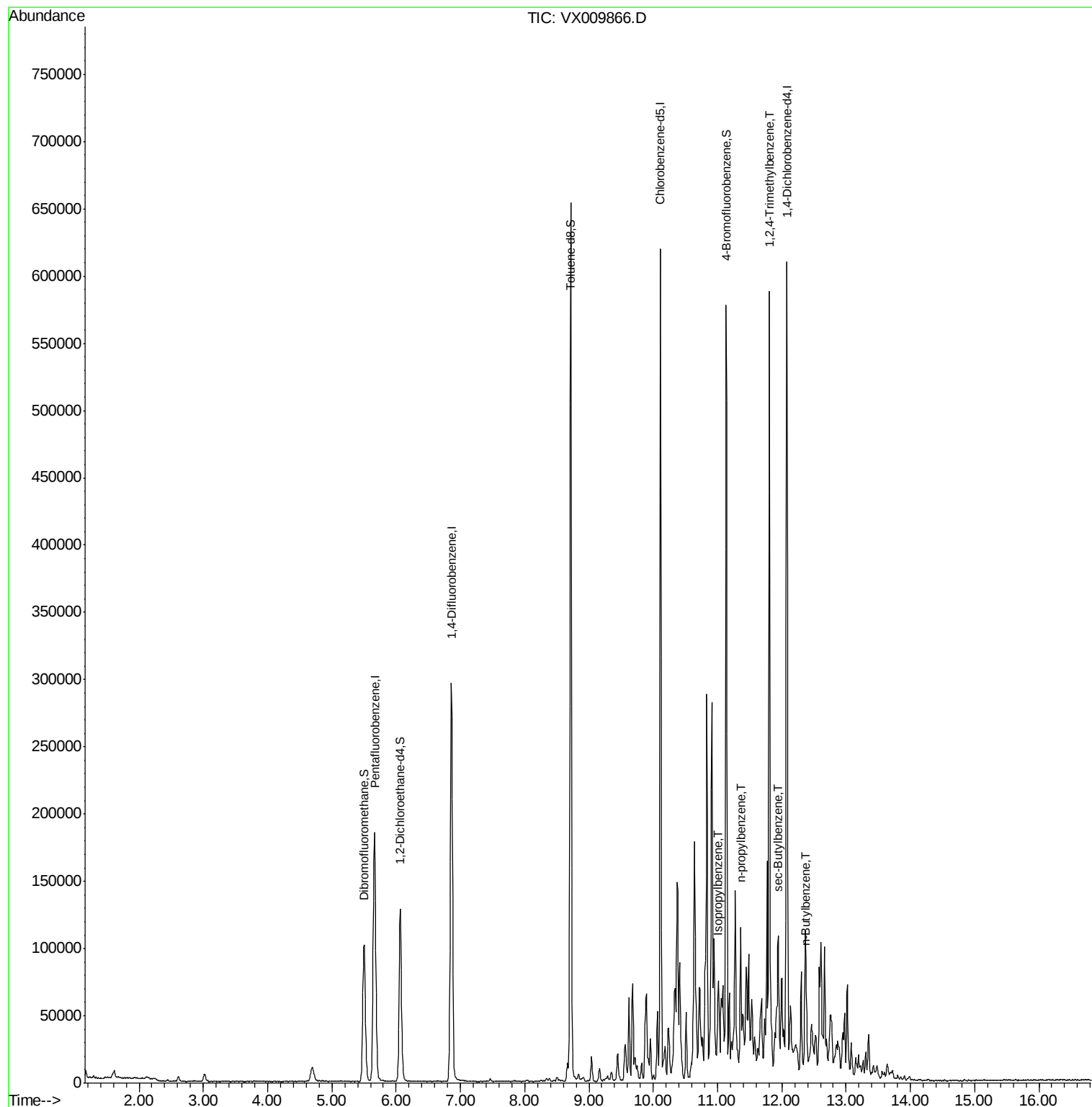
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122164	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
35) Dibromofluoromethane	5.49	113	87983	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	370770	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	130833	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
73) Isopropylbenzene	11.02	105	27110	3.115	ug/l	99
78) n-propylbenzene	11.36	91	60275	6.063	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	226187	30.746	ug/l	99
85) sec-Butylbenzene	11.94	105	24974	2.955	ug/l	100
89) n-Butylbenzene	12.38	91	15364	2.237	ug/l #	73

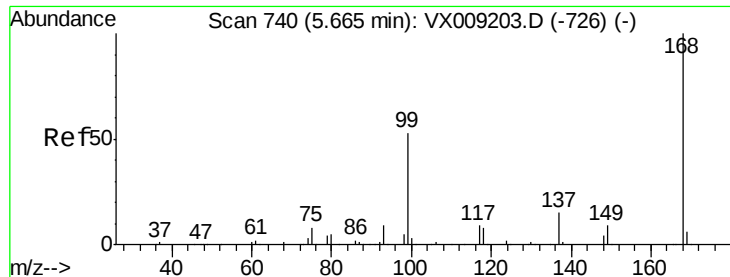
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-SBR-2BR(14-17)DL

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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: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

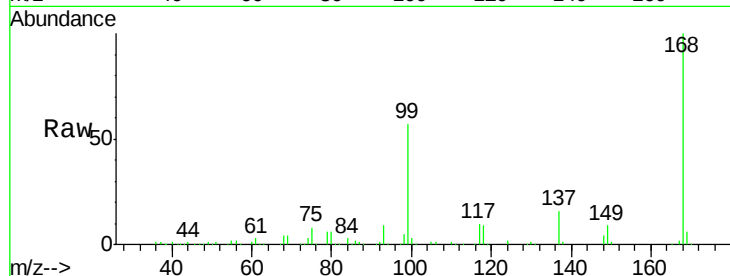
EP1-SB-SBR-2BR(14-17)DL

Tot Ion:168 Resp: 179612

Ion Ratio Lower Upper

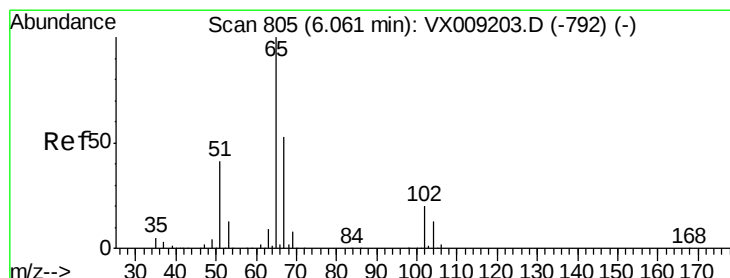
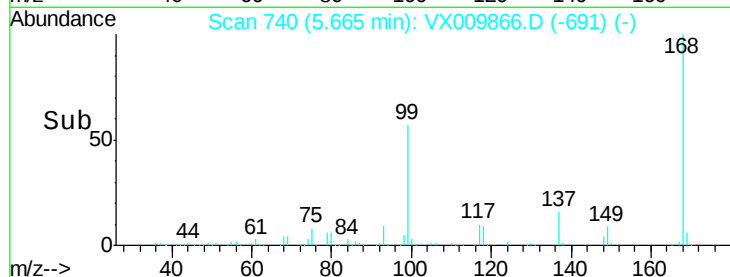
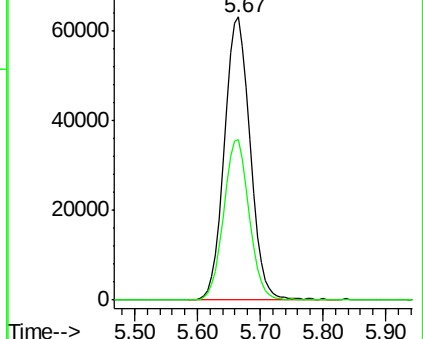
168 100

99 56.8 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: 49.824 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009866.D

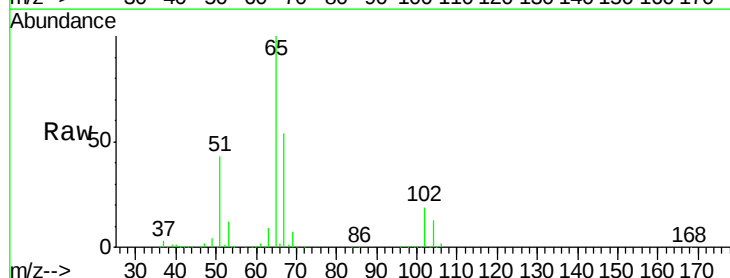
Acq: 23 May 2019 18:14

Tgt Ion: 65 Resp: 122164

Ion Ratio Lower Upper

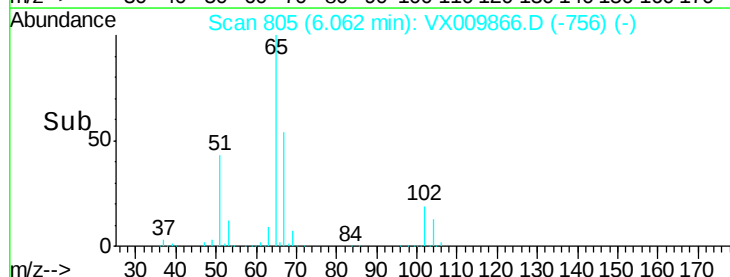
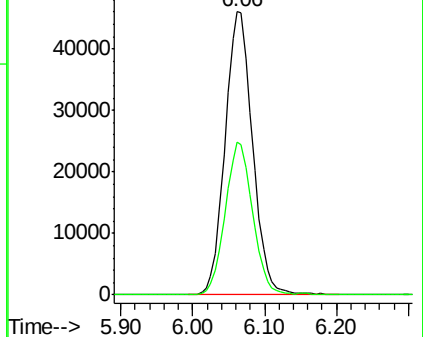
65 100

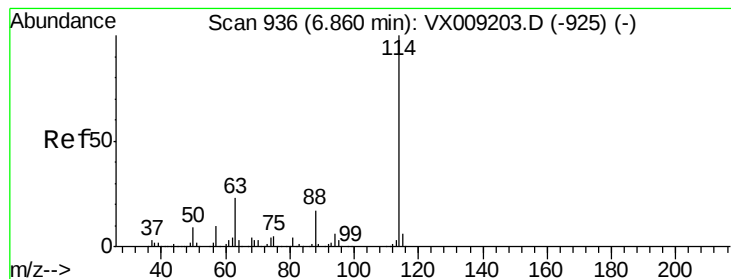
67 53.4 0.0 106.6



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: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-SBR-2BR(14-17)DL

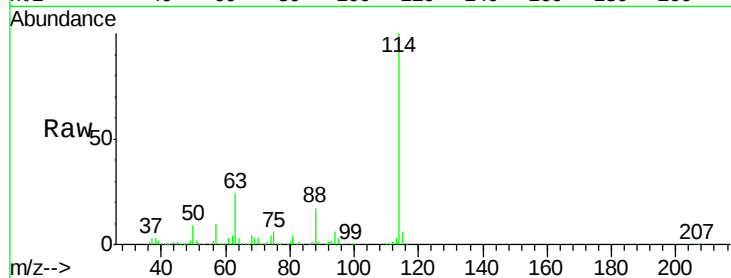
Tot Ion:114 Resp: 289293

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.6

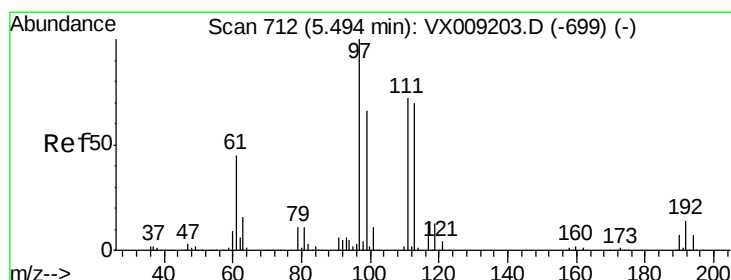
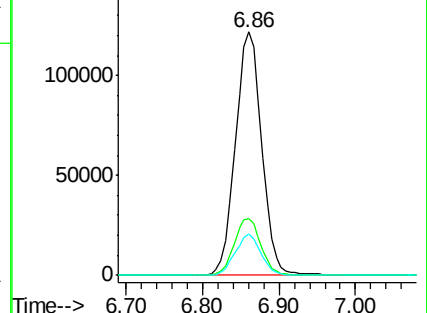
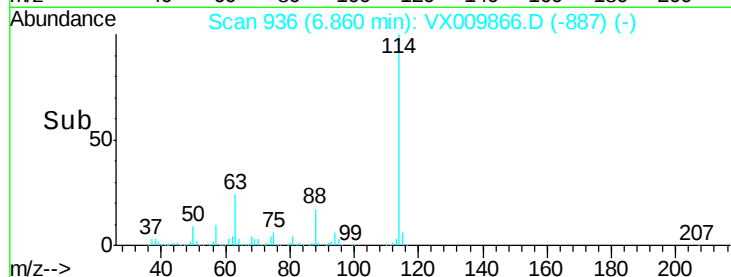
88 17.0 0.0 33.2



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: 48.379 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

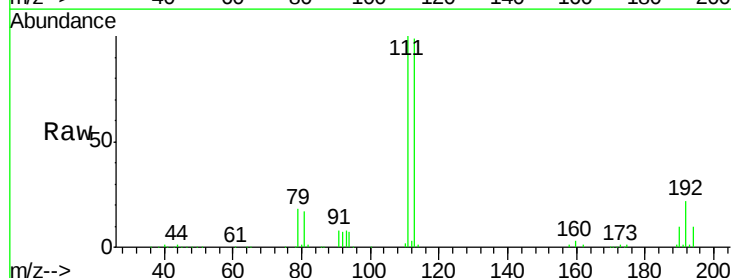
Tgt Ion:113 Resp: 87983

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

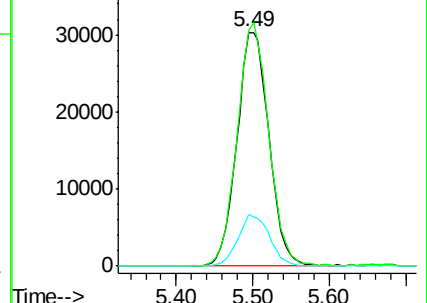
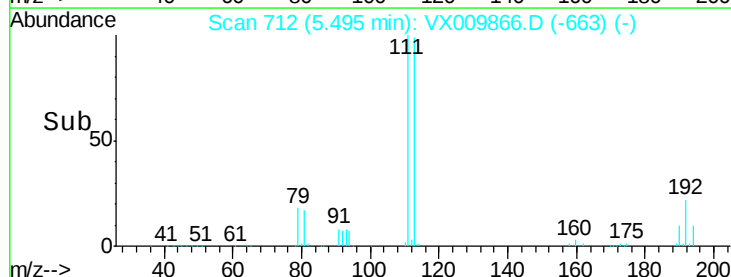
192 21.6 17.0 25.6

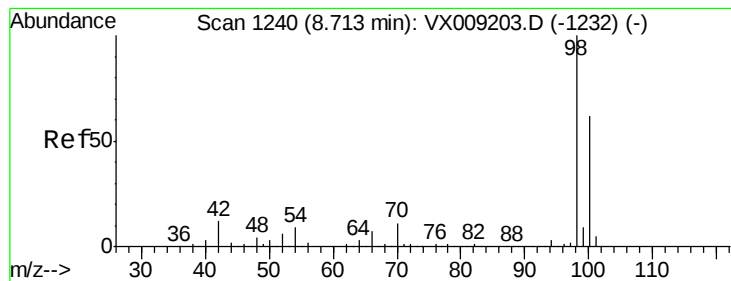


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.499 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

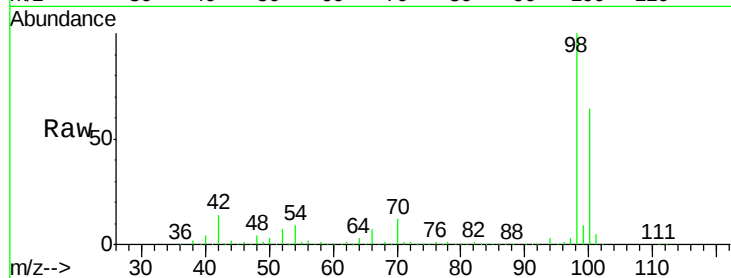
EP1-SB-SBR-2BR(14-17)DL

Tot Ion: 98 Resp: 370770

Ion Ratio Lower Upper

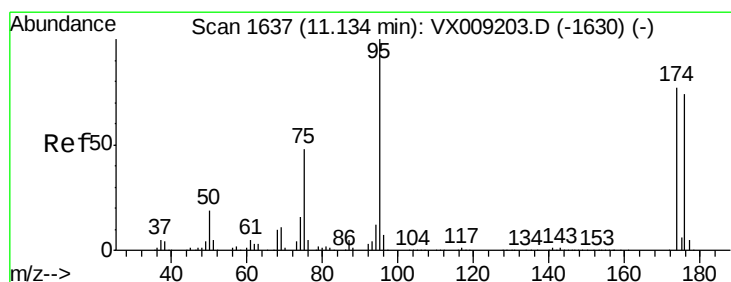
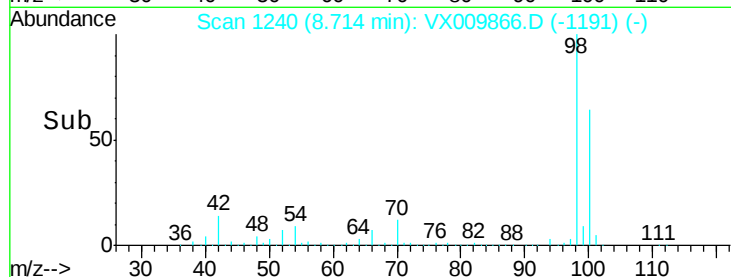
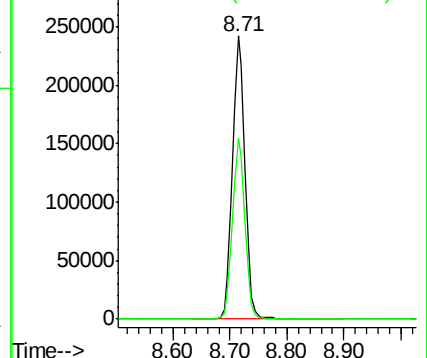
98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 49.040 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

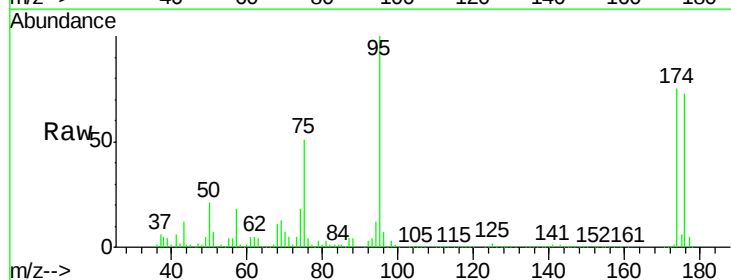
Tgt Ion: 95 Resp: 130833

Ion Ratio Lower Upper

95 100

174 79.8 0.0 161.6

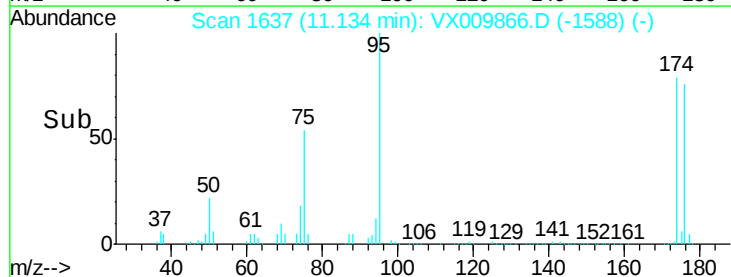
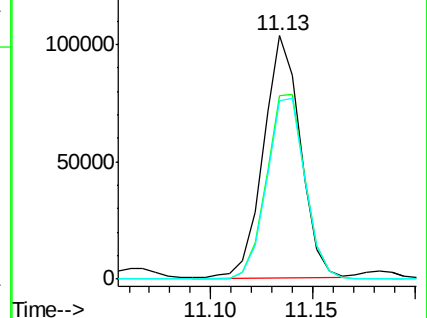
176 77.5 0.0 159.2

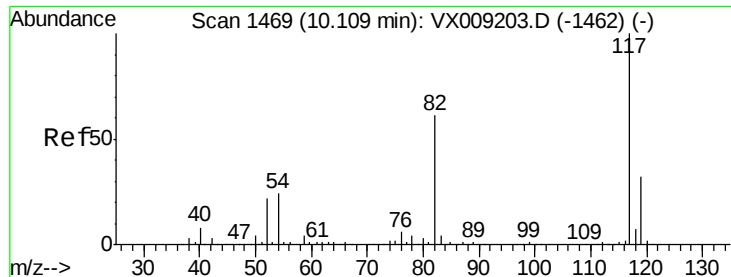


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

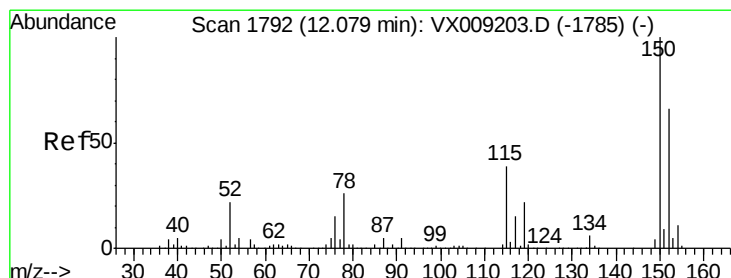
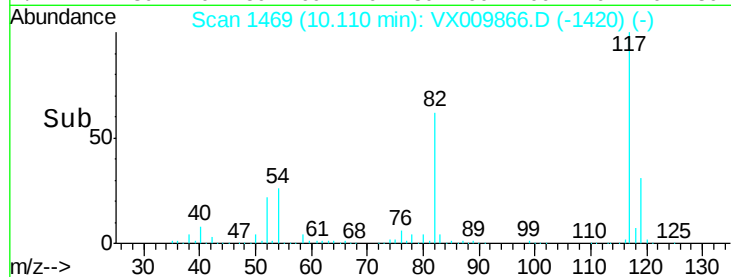
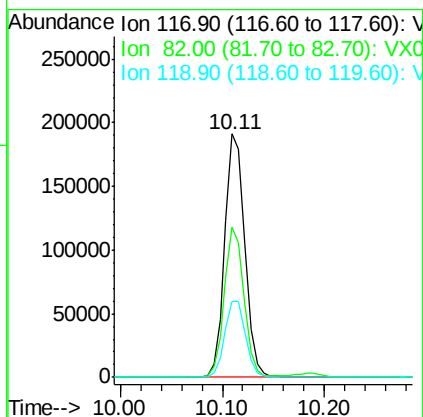
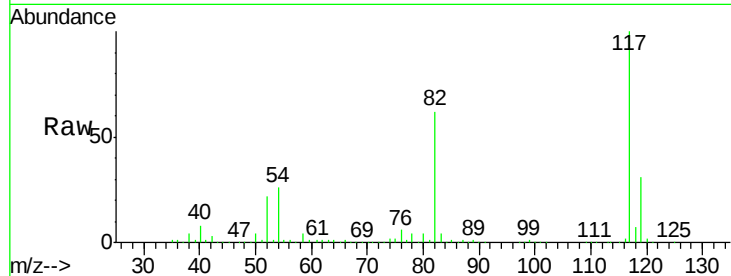




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

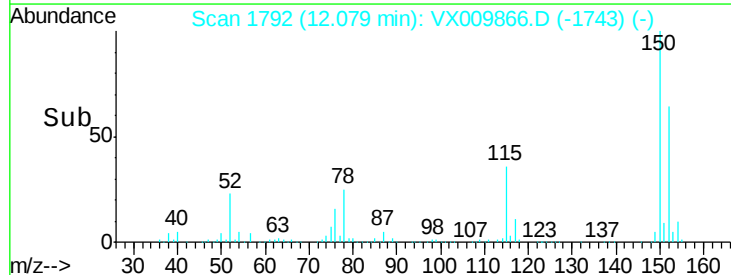
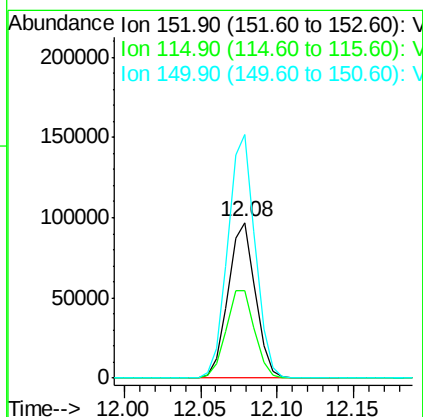
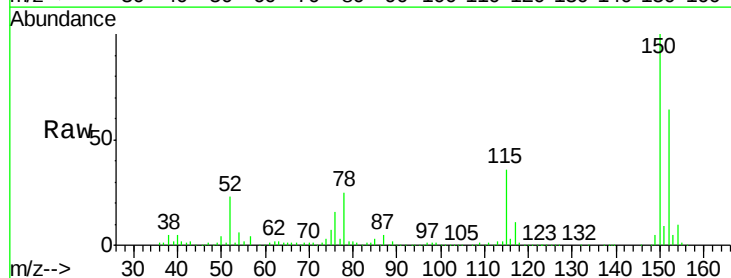
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-SBR-2BR(14-17)DL

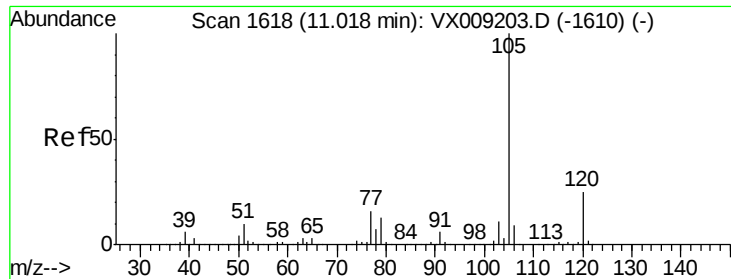
Tot Ion:117 Resp: 260973
Ion Ratio Lower Upper
117 100
82 61.5 48.8 73.2
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Tgt Ion:152 Resp: 119699
Ion Ratio Lower Upper
152 100
115 58.9 41.2 123.6
150 157.2 0.0 346.4





#73

Isopropylbenzene

Concen: 3.115 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

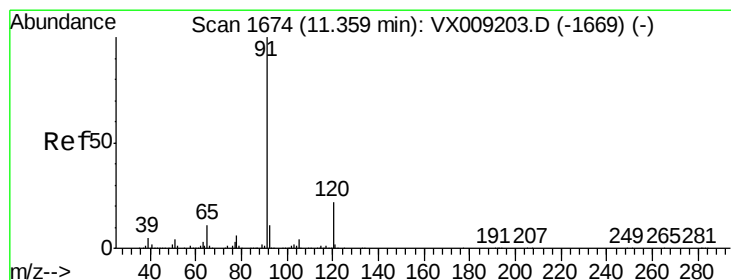
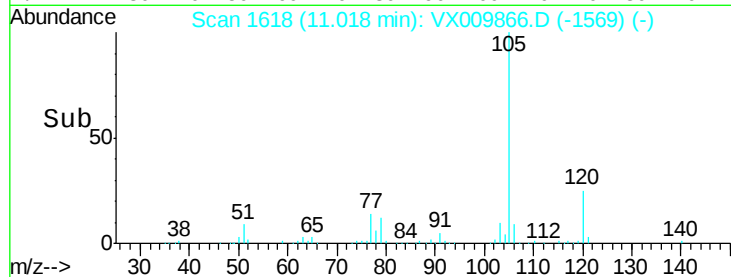
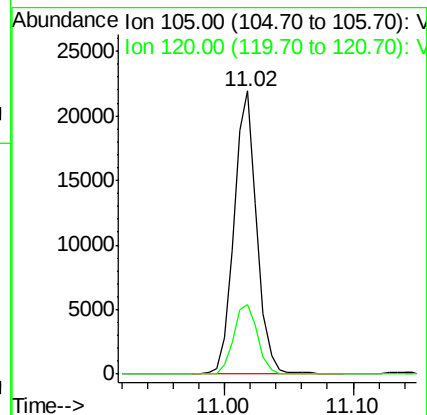
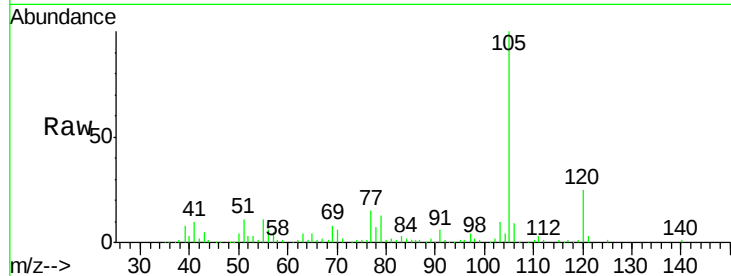
EP1-SB-SBR-2BR(14-17)DL

Tot Ion:105 Resp: 27110

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#78

n-propylbenzene

Concen: 6.063 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009866.D

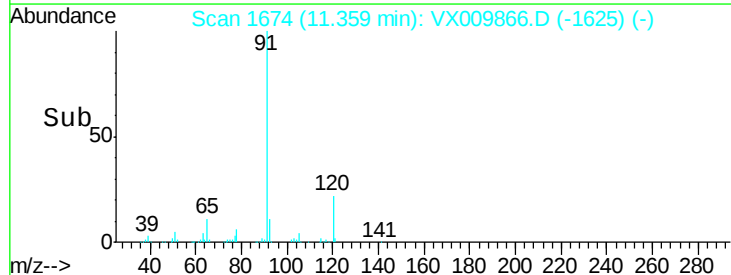
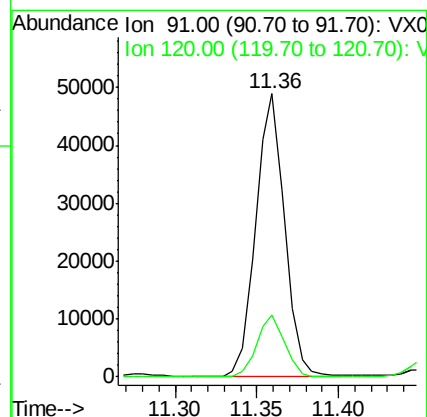
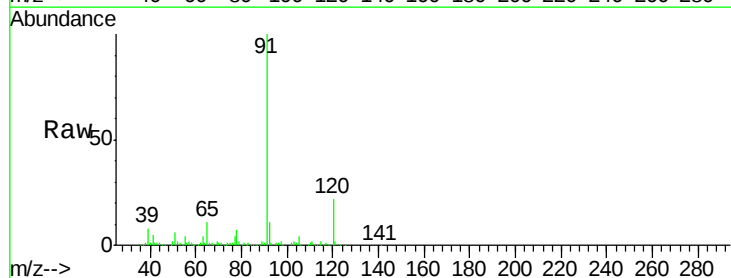
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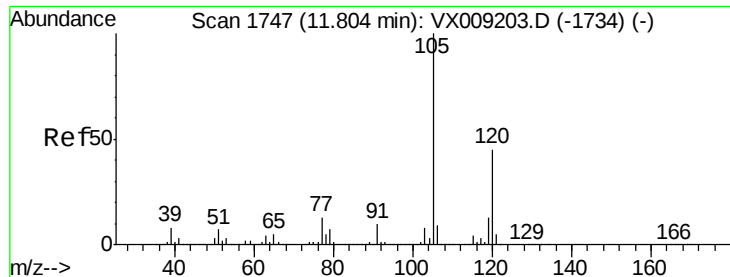
Tgt Ion: 91 Resp: 60275

Ion Ratio Lower Upper

91 100

120 21.2 11.0 33.0

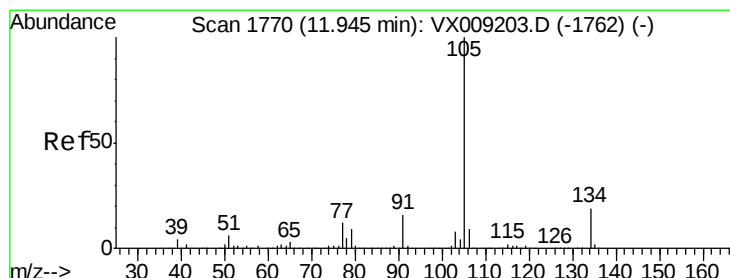
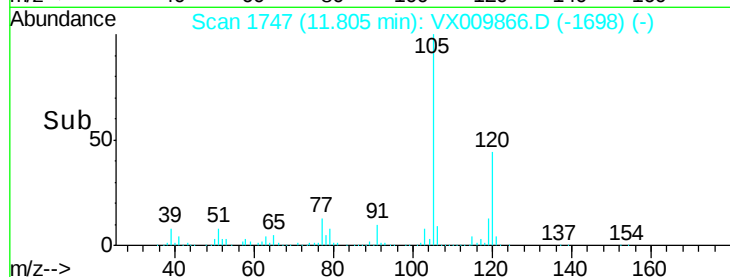
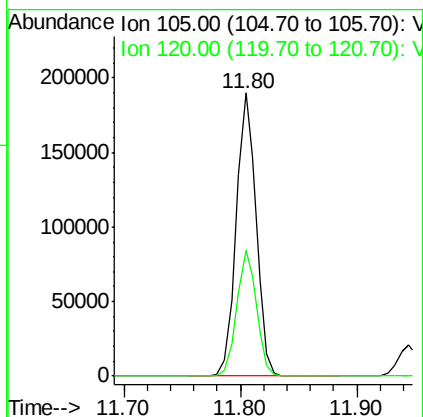
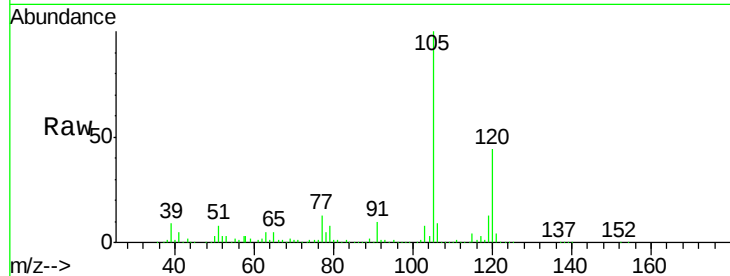




#84
 1,2,4-Trimethylbenzene
 Concen: 30.746 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009866.D
 Acq: 23 May 2019 18:14

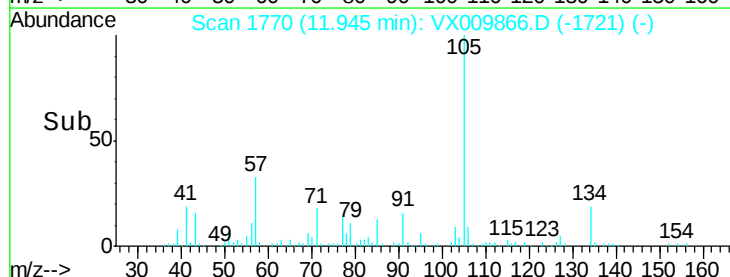
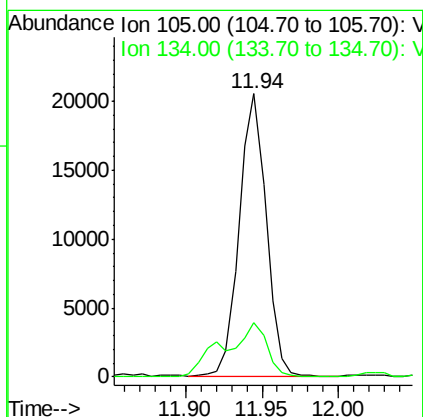
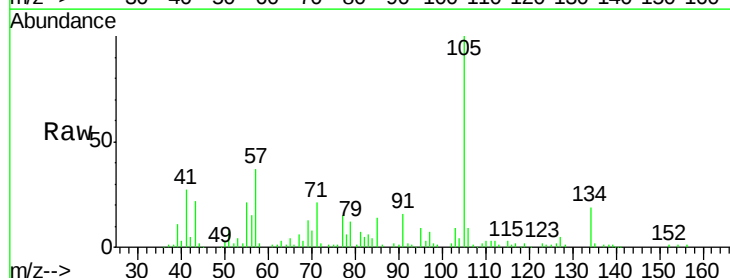
Instrument :
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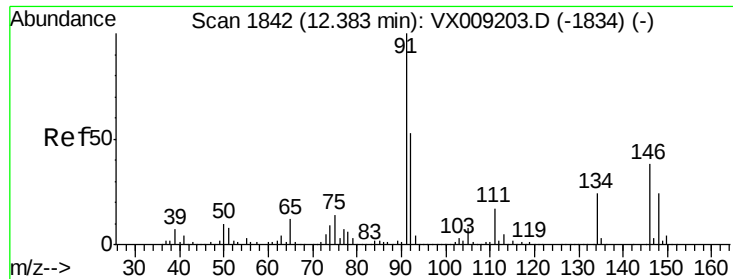
Tot Ion:105 Resp: 226187
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 2.955 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009866.D
 Acq: 23 May 2019 18:14

Tgt Ion:105 Resp: 24974
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9





#89

n-Butylbenzene

Concen: 2.237 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-SBR-2BR(14-17)DL

Tot Ion: 91 Resp: 15364

Ion Ratio Lower Upper

91 100

92 45.5 26.5 79.5

134 56.5 12.4 37.2#

