

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082818\
 Data File : VX004274.D
 Acq On : 28 Aug 2018 17:57
 Operator : JC/MD
 Sample : J4662-01DL 10X
 Misc : 5.31g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRABDL

Quant Time: Aug 29 00:54:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

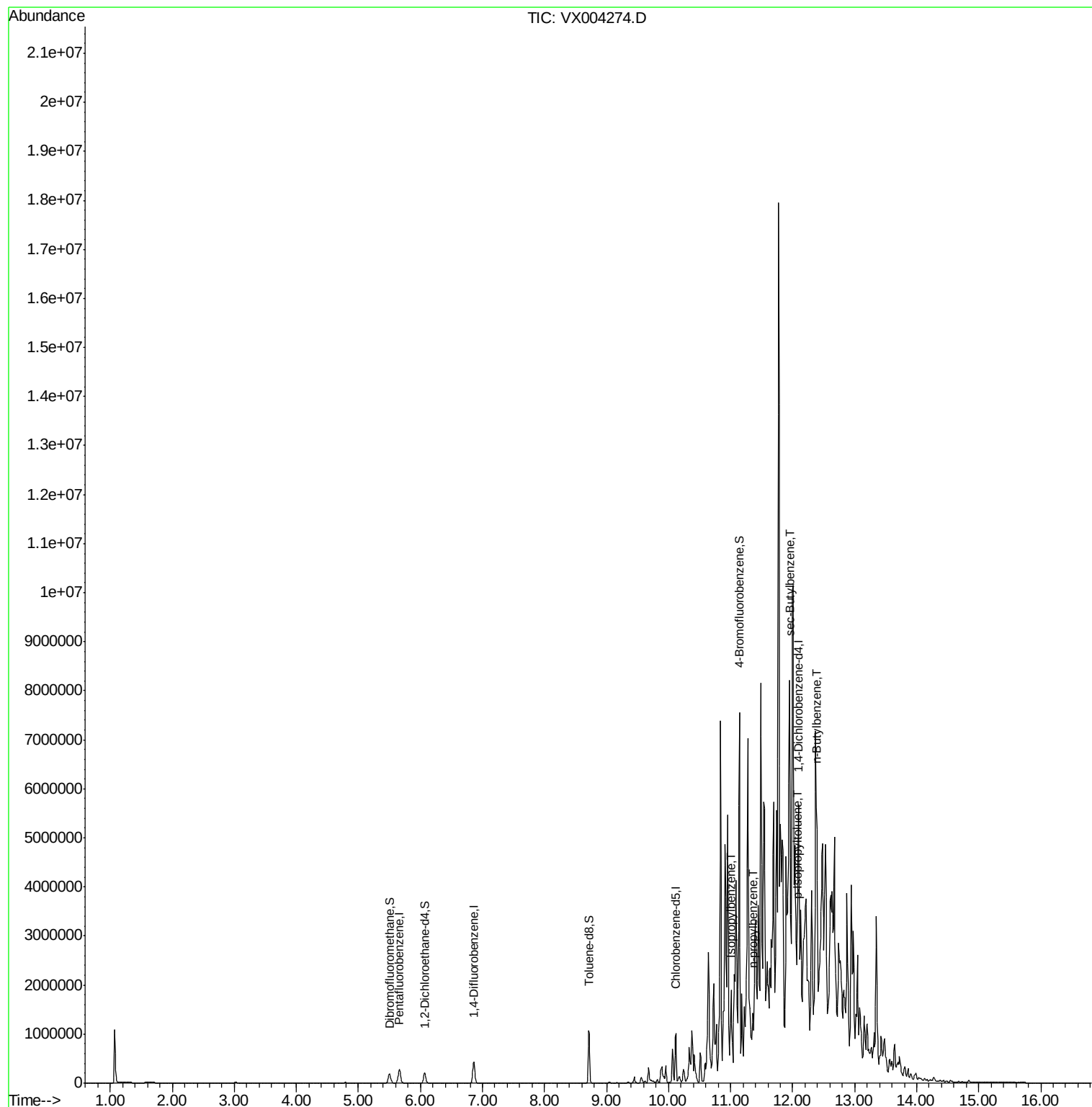
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	290031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	447188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	286195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192857	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	5.50	113	166221	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	8.71	98	635999	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.14	95	300945	64.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.50%	
Target Compounds						
73) Isopropylbenzene	11.02	105	85360	4.54	ug/l	99
78) n-propylbenzene	11.36	91	349134	16.15	ug/l	97
85) sec-Butylbenzene	11.95	105	461786	24.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	55121	3.31	ug/l	97
89) n-Butylbenzene	12.39	91	643311	47.48	ug/l	86

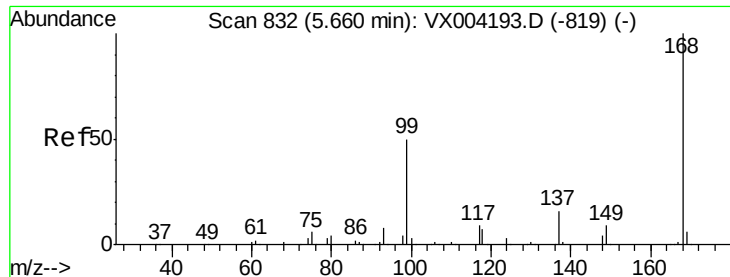
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

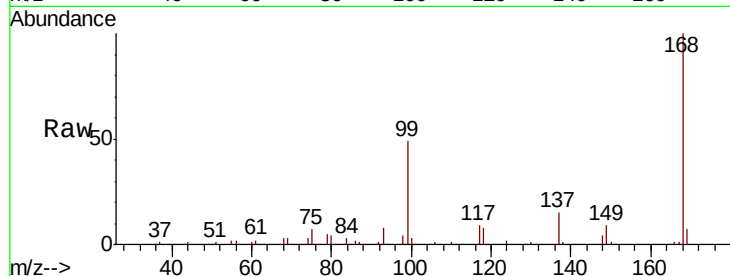
EP1-D7-GRABDL

Tot Ion:168 Resp: 290031

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

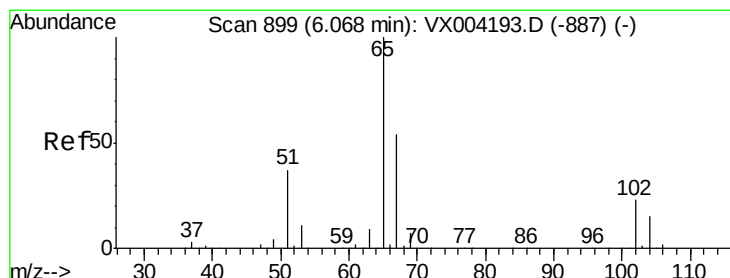
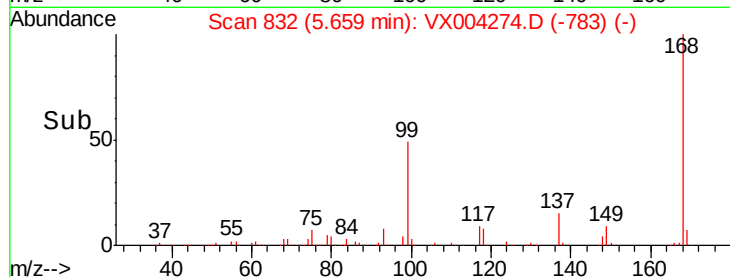
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.02 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004274.D

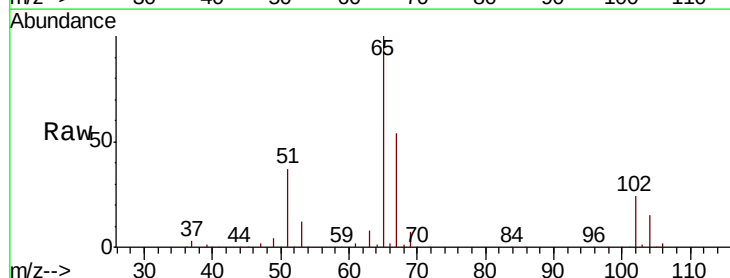
Acq: 28 Aug 2018 17:57

Tgt Ion: 65 Resp: 192857

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

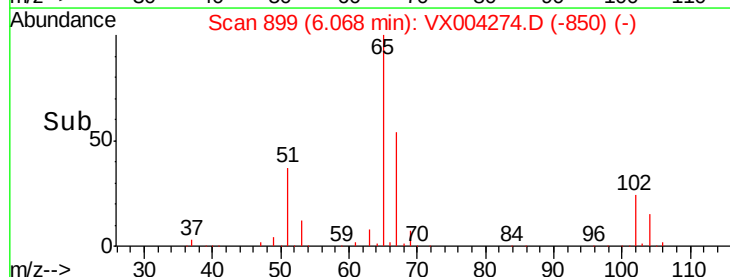
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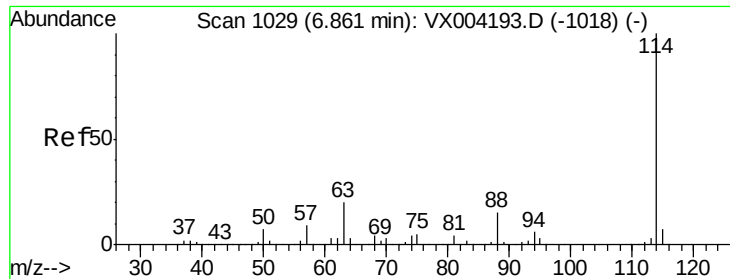
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRABDL

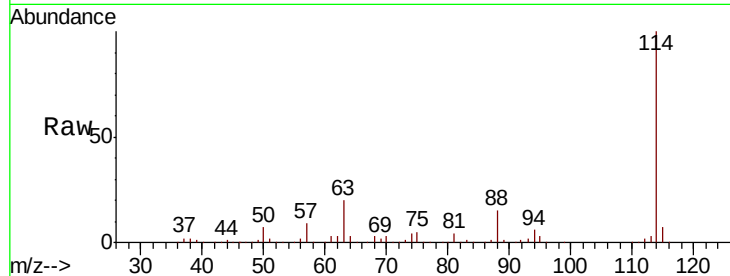
Tot Ion:114 Resp: 447072

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

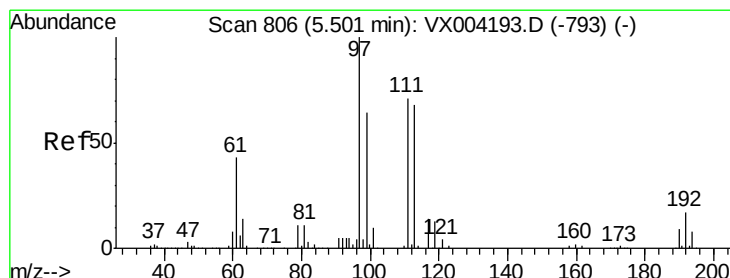
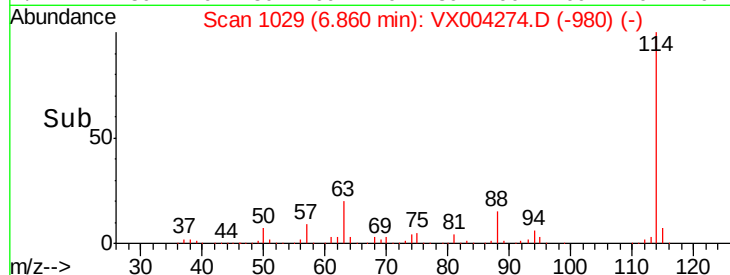
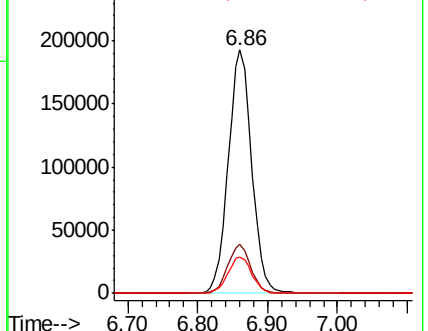
88 15.1 0.0 30.4



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: 49.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

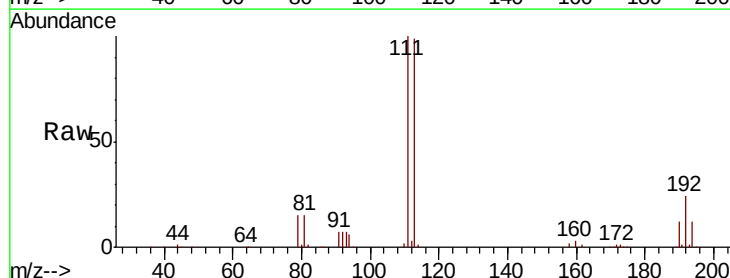
Tgt Ion:113 Resp: 166221

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

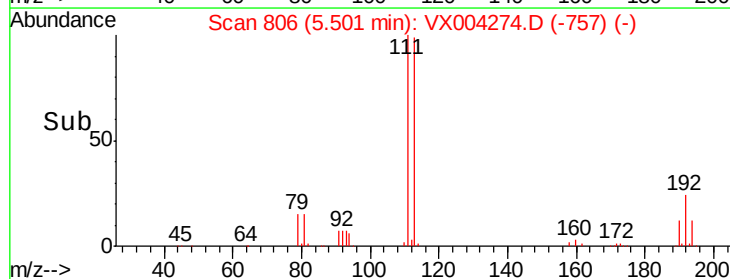
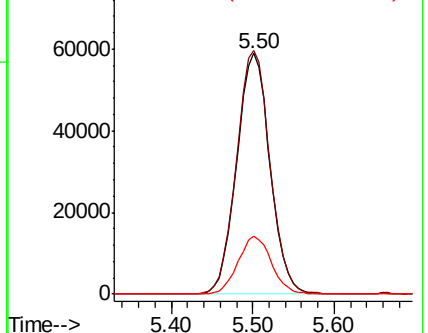
192 24.2 19.4 29.2

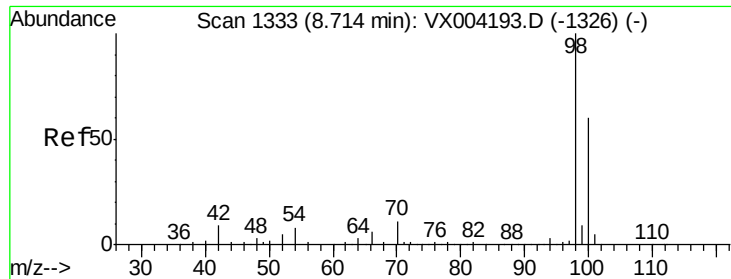


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

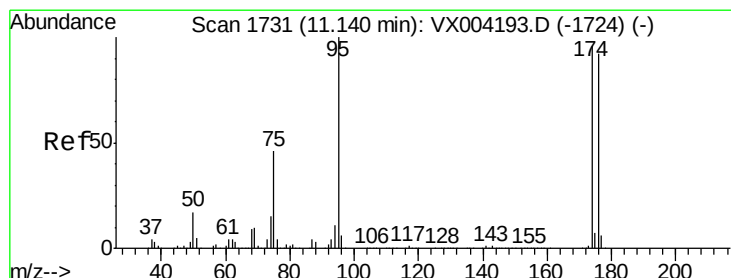
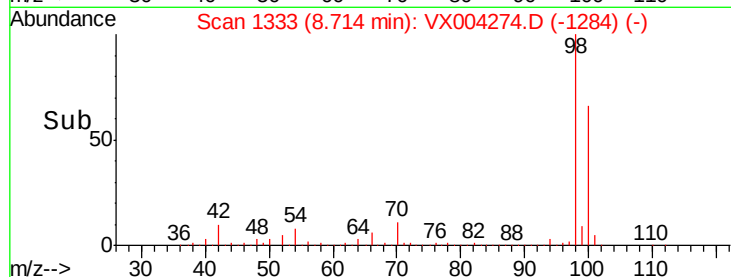
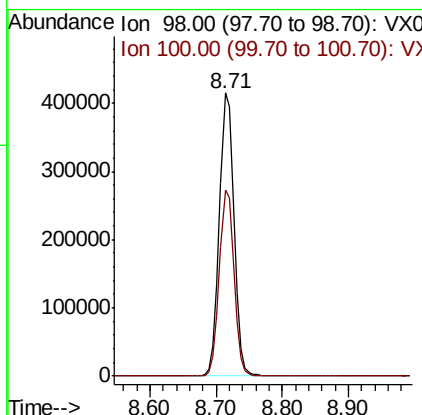
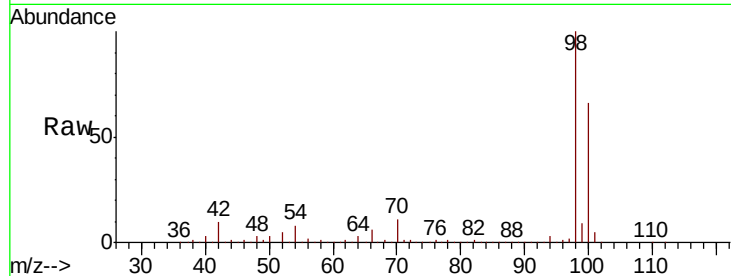




#50
Toluene-d8
Concen: 50.66 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

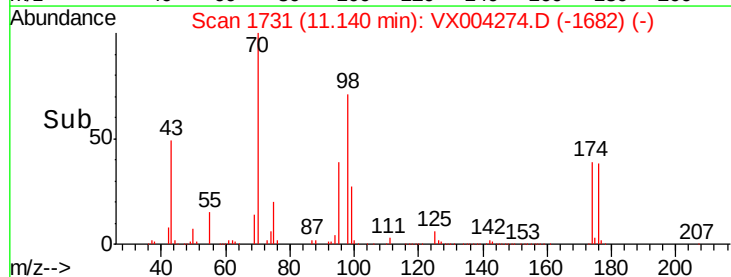
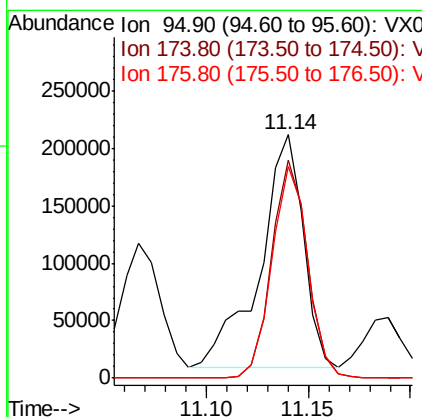
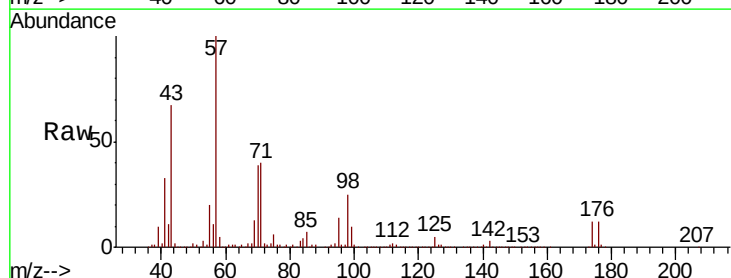
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRABDL

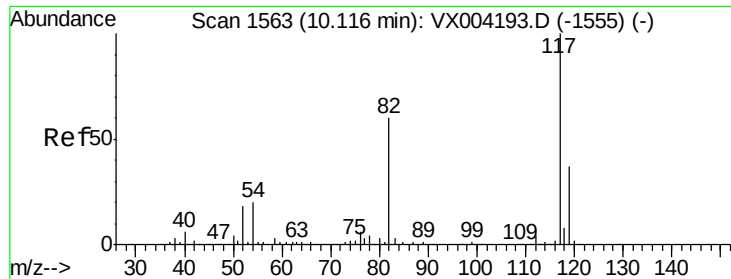
Tot Ion: 98 Resp: 635999
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 64.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

Tgt Ion: 95 Resp: 300945
Ion Ratio Lower Upper
95 100
174 77.2 0.0 185.2
176 75.4 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRABDL

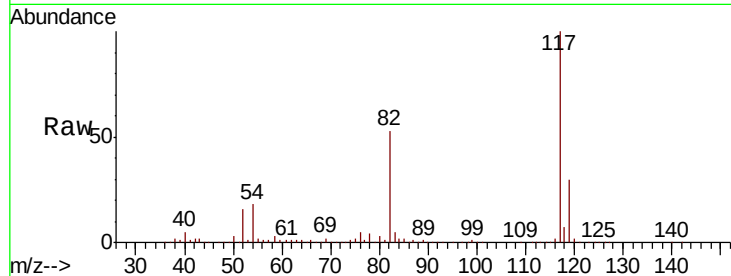
Tot Ion:117 Resp: 447188

Ion Ratio Lower Upper

117 100

82 52.6 47.8 71.6

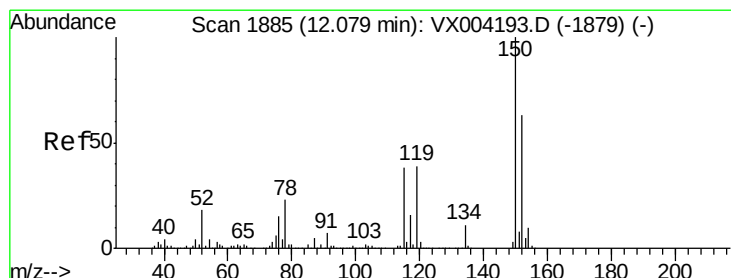
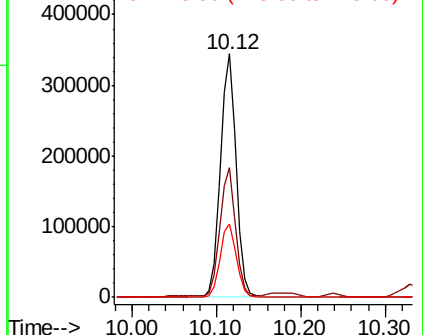
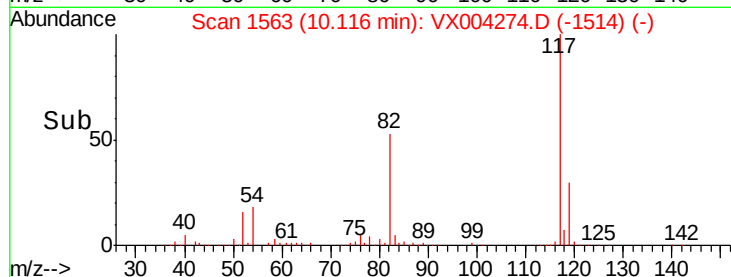
119 29.9 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

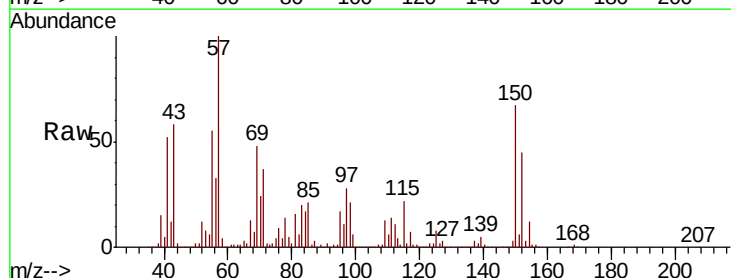
Tgt Ion:152 Resp: 286195

Ion Ratio Lower Upper

152 100

115 51.5 39.0 117.0

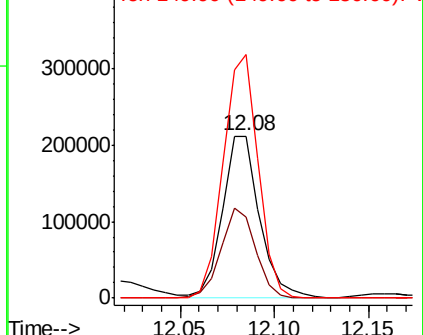
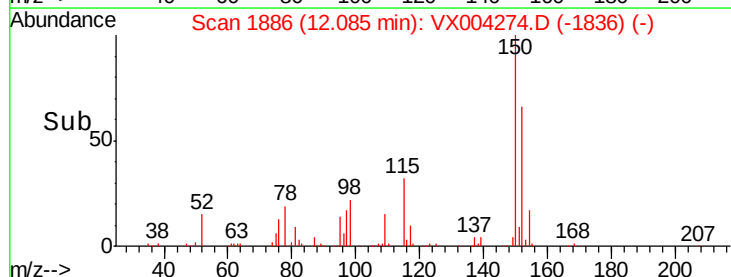
150 142.6 0.0 351.0

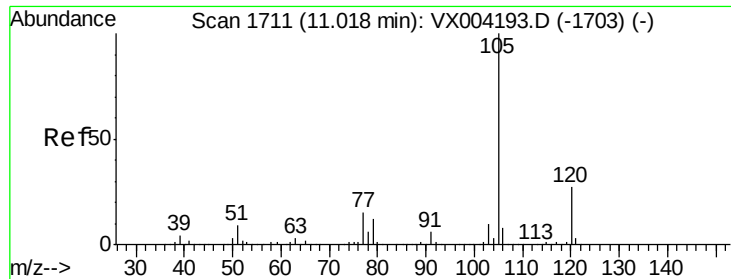


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

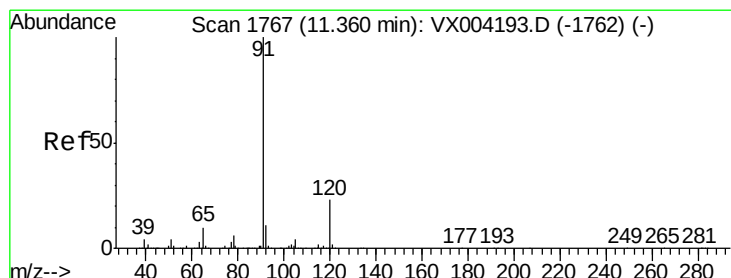
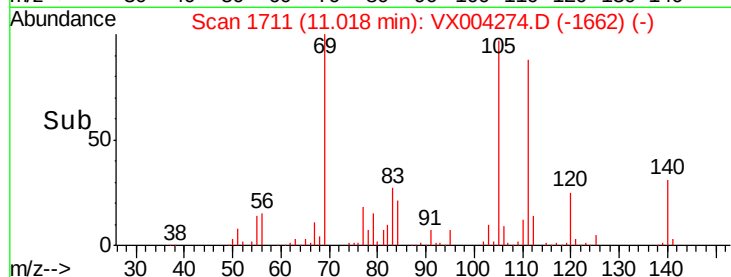
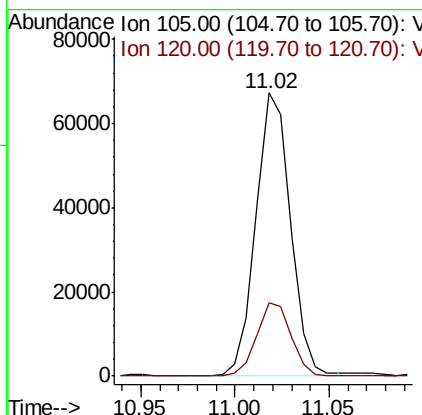
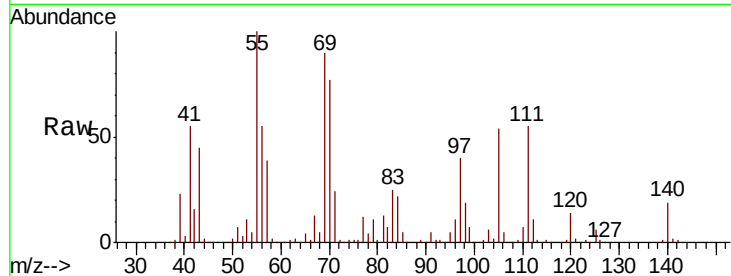




#73
Isopropylbenzene
Concen: 4.54 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

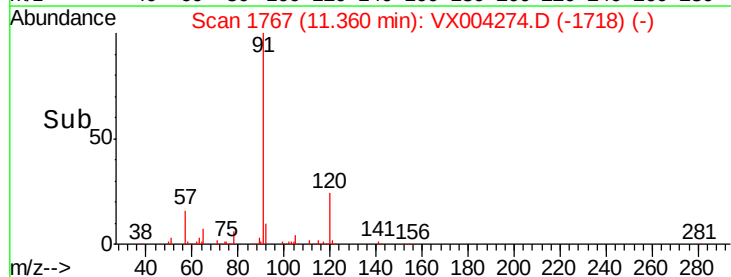
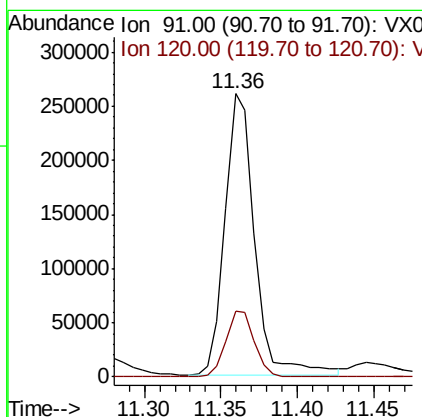
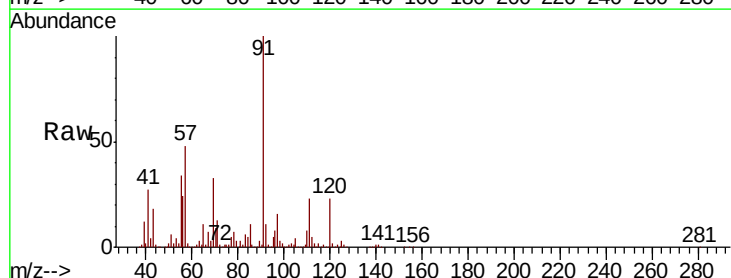
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRABDL

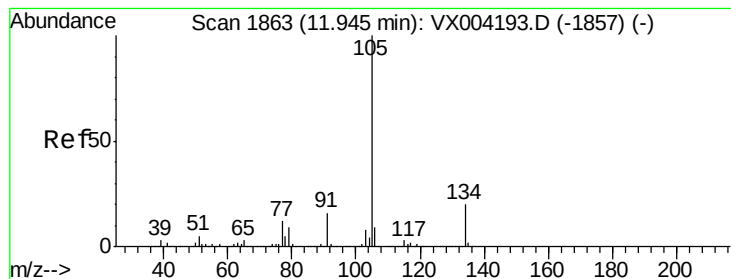
Tot Ion: 105 Resp: 85360
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4



#78
n-propylbenzene
Concen: 16.15 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

Tgt Ion: 91 Resp: 349134
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9





#85

sec-Butylbenzene

Concen: 24.84 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

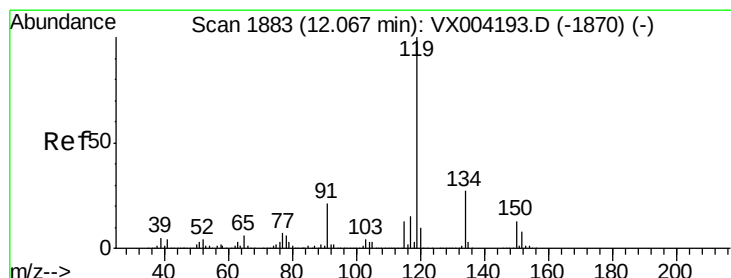
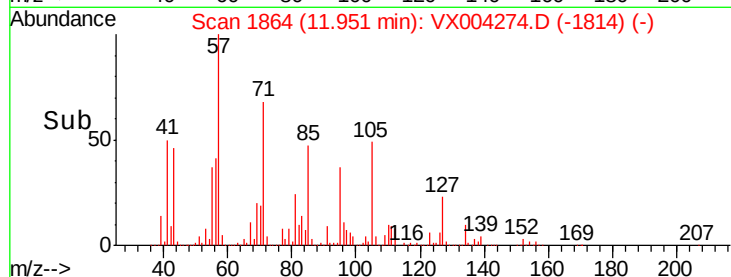
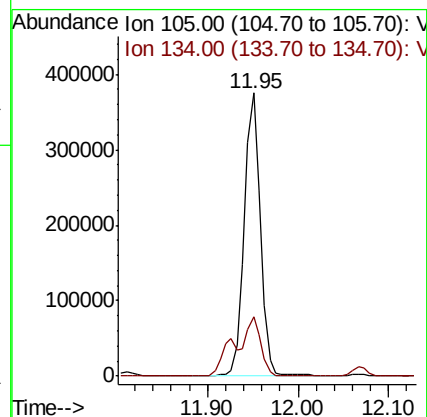
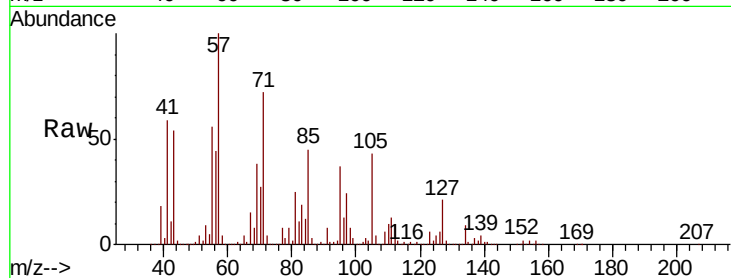
EP1-D7-GRABDL

Tot Ion:105 Resp: 461786

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 3.31 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

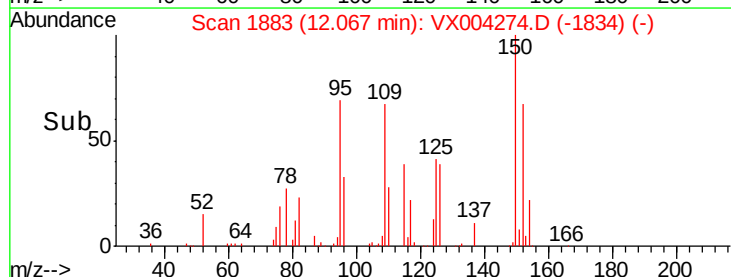
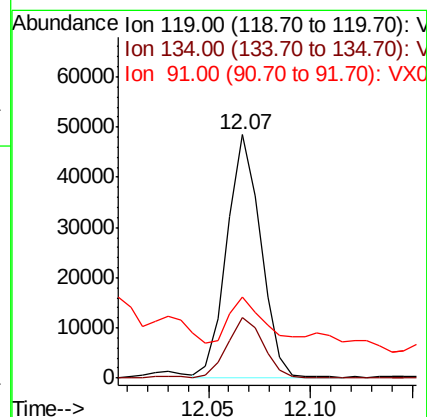
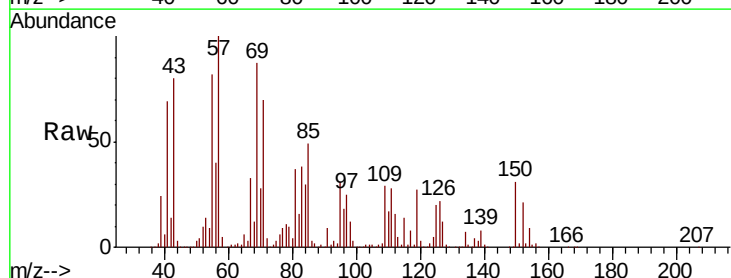
Tgt Ion:119 Resp: 55121

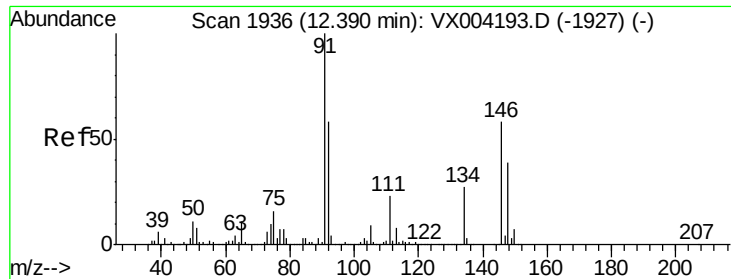
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 18.8 10.9 32.7





#89

n-Butylbenzene

Concen: 47.48 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRABDL

Tot Ion: 91 Resp: 643311

Ion Ratio Lower Upper

91 100

92 46.3 27.3 81.9

134 37.6 13.6 40.7

