

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082718\
 Data File : VX004264.D
 Acq On : 27 Aug 2018 16:17
 Operator : JC/MD
 Sample : J4662-01
 Misc : 5.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRAB

Quant Time: Aug 28 15:31:03 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

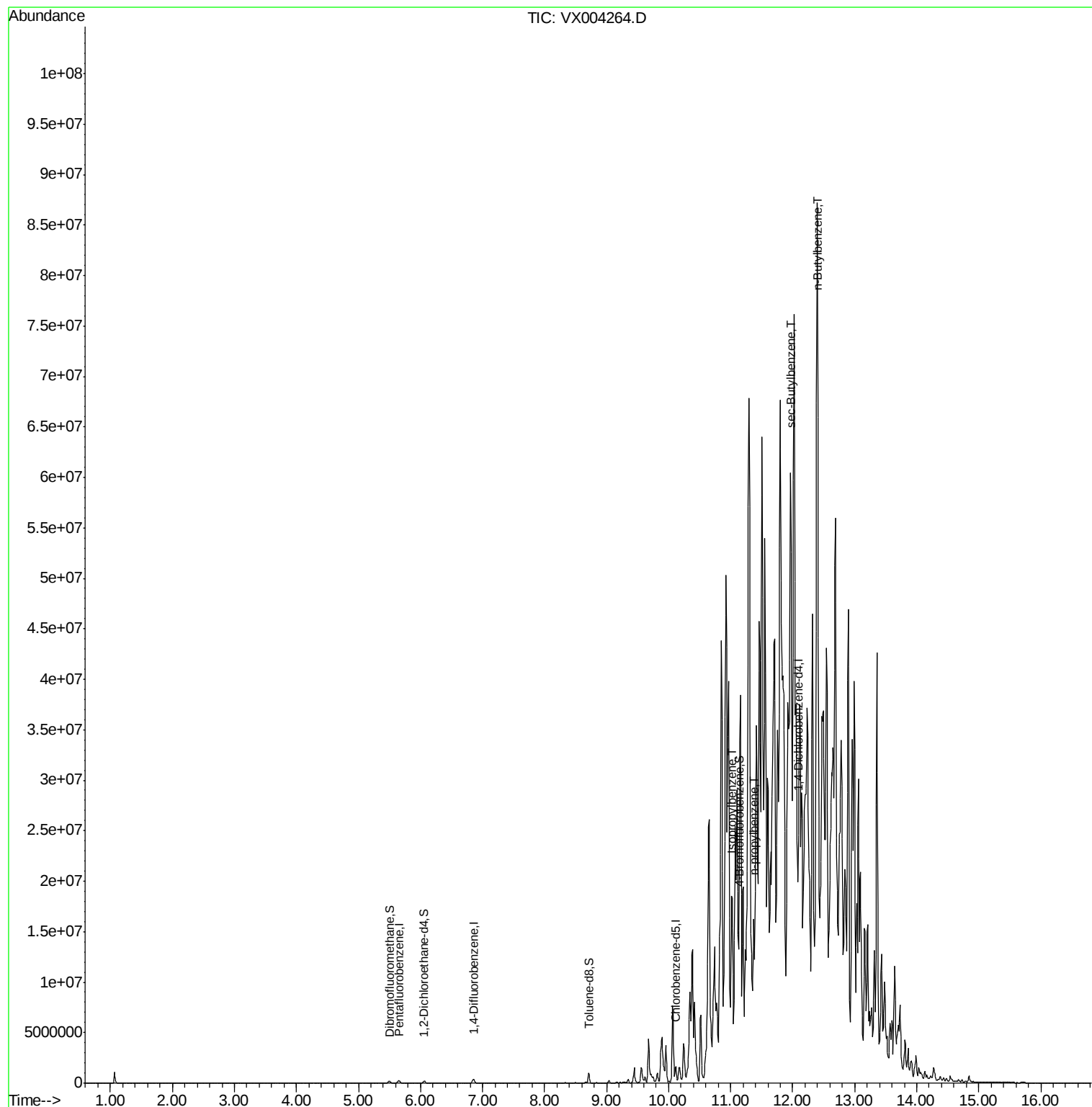
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	262552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	406297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	432118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	587813	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	173652	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
35) Dibromofluoromethane	5.50	113	146164	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	601069	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	1238655	290.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	581.94%	
Target Compounds						
73) Isopropylbenzene	11.03	105	1150465	29.80	ug/l	99
78) n-propylbenzene	11.37	91	4791670	107.91	ug/l	98
85) sec-Butylbenzene	11.96	105	6478272	169.63	ug/l #	67
89) n-Butylbenzene	12.40	91	9153837	328.91	ug/l #	87

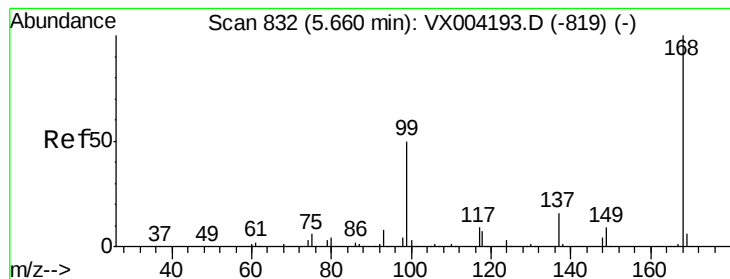
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.65 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

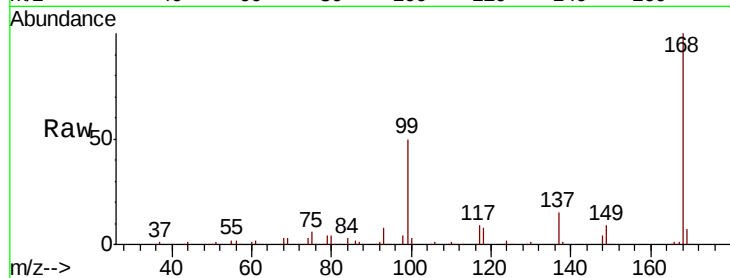
EP1-D7-GRAB

Tot Ion:168 Resp: 262552

Ion Ratio Lower Upper

168 100

99 49.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

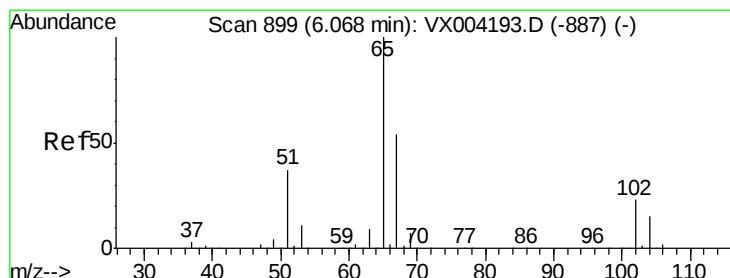
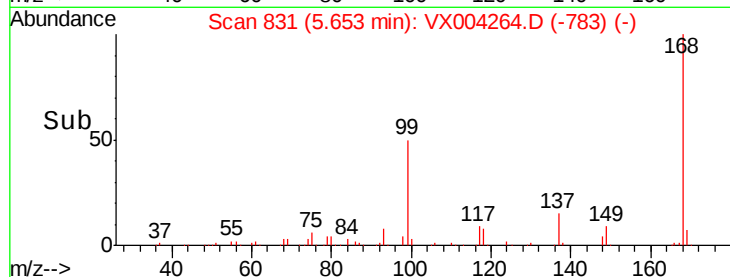
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.75 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004264.D

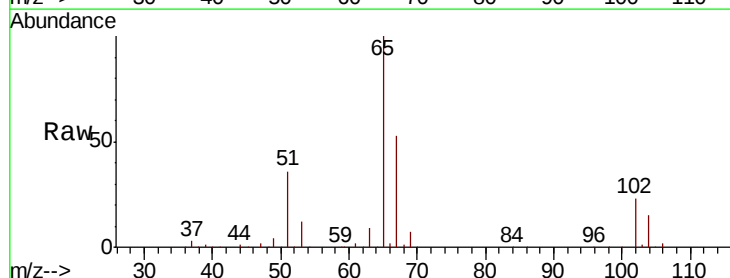
Acq: 27 Aug 2018 16:17

Tgt Ion: 65 Resp: 173652

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

6.06

80000

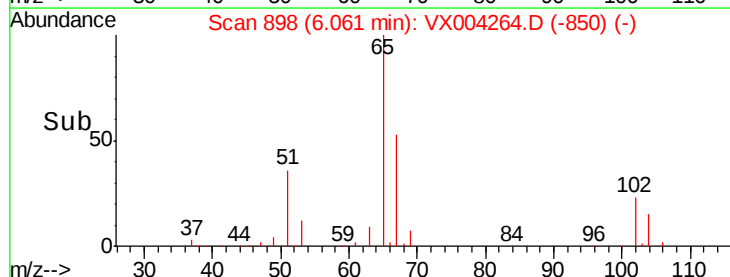
60000

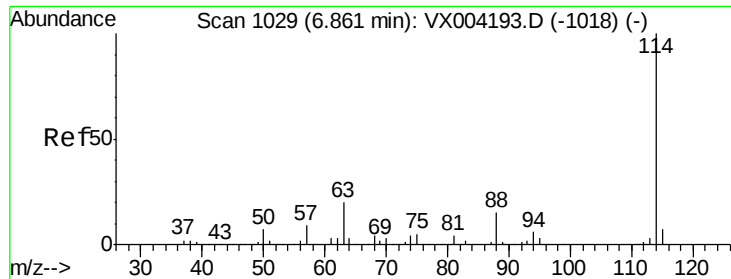
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

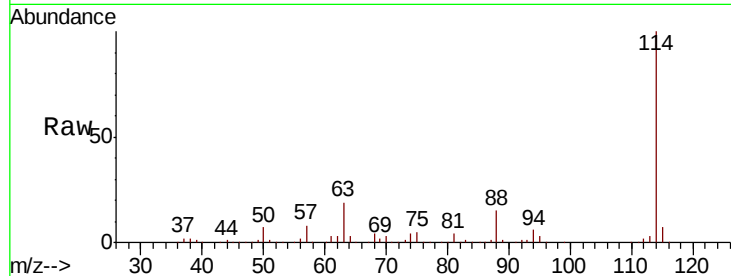
Tot Ion:114 Resp: 406297

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

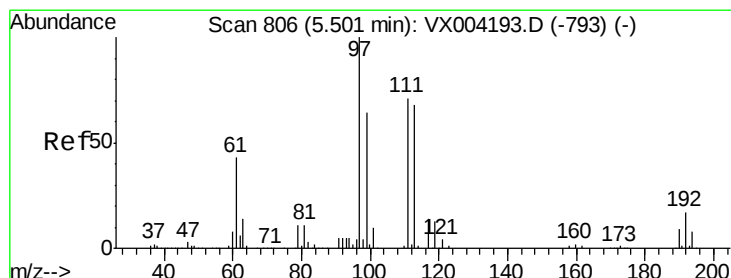
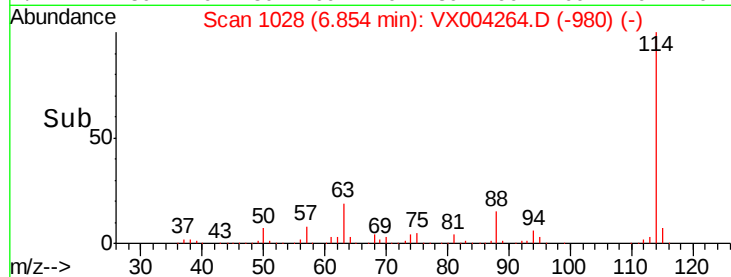
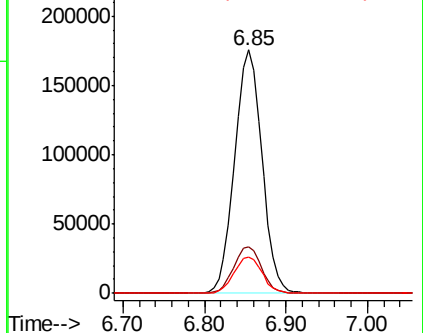
88 15.1 0.0 30.4



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: 48.36 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

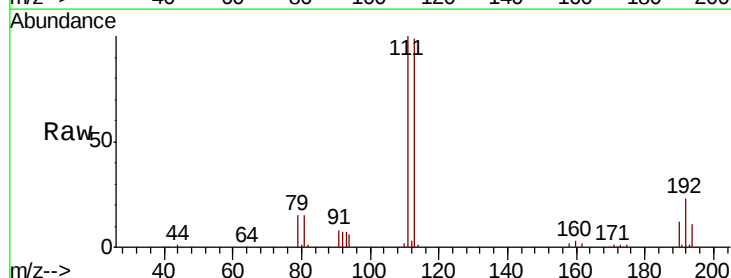
Tgt Ion:113 Resp: 146164

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

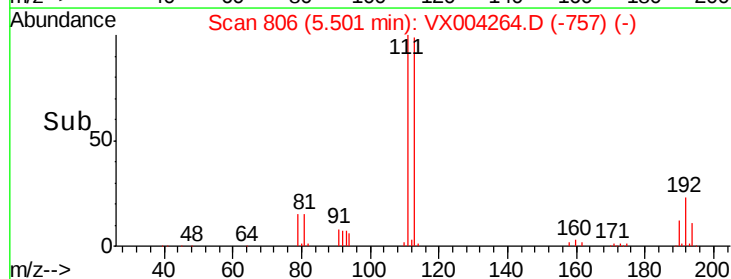
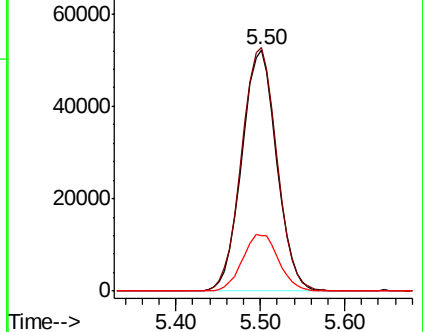
192 24.2 19.4 29.2

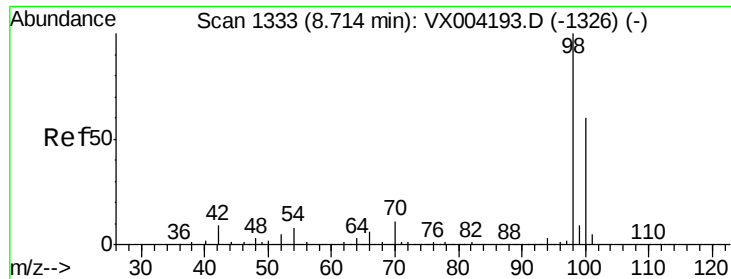


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

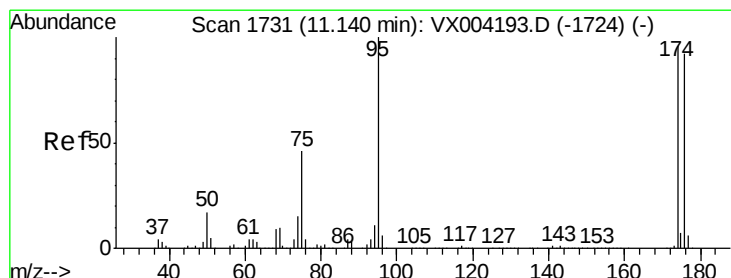
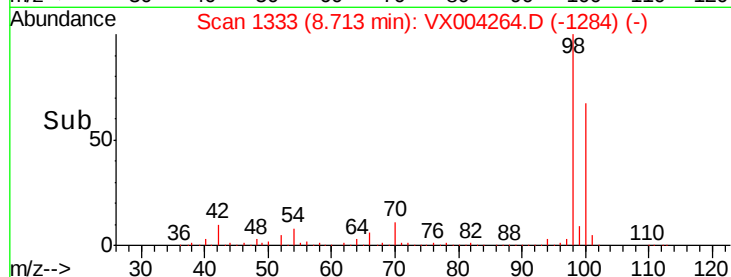
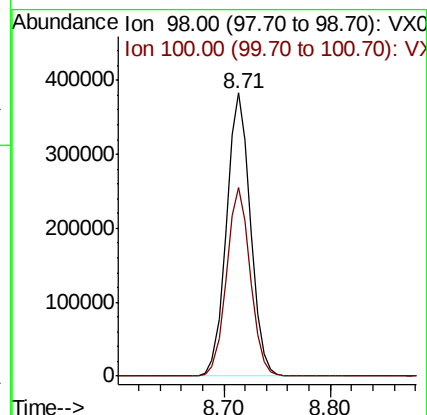
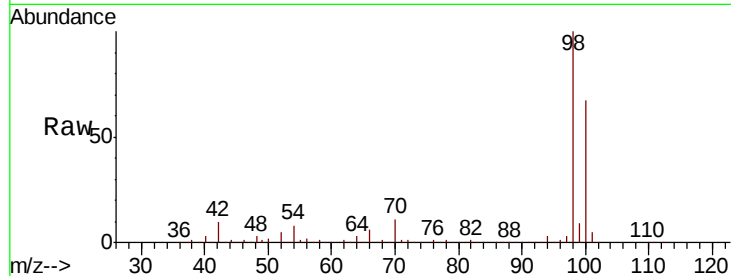




#50
Toluene-d8
Concen: 52.68 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

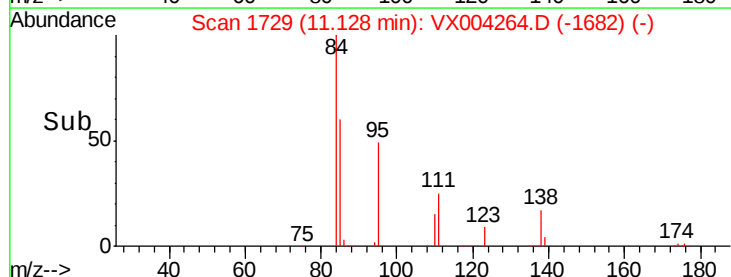
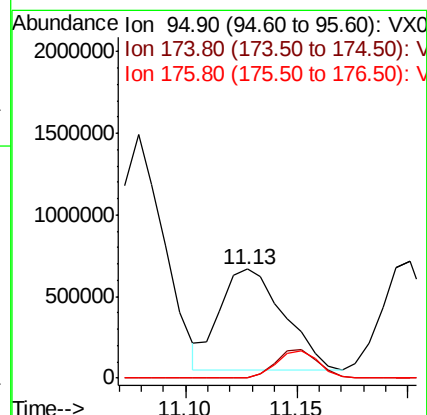
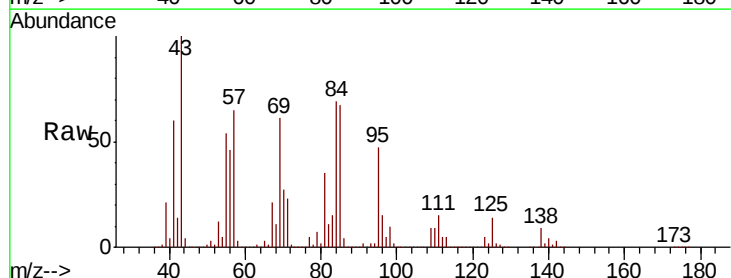
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

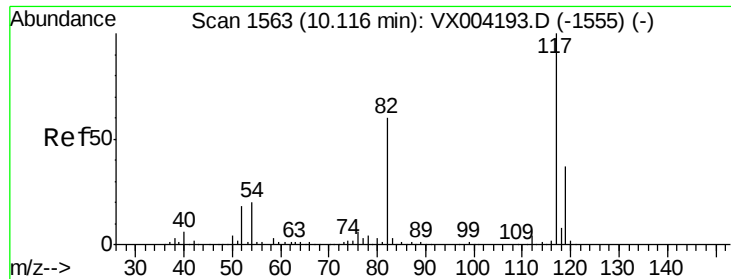
Tot Ion: 98 Resp: 601069
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 290.97 ug/l
RT: 11.13 min Scan# 1729
Delta R.T. -0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 95 Resp: 1238655
Ion Ratio Lower Upper
95 100
174 0.0 0.0 185.2
176 0.0 0.0 178.6

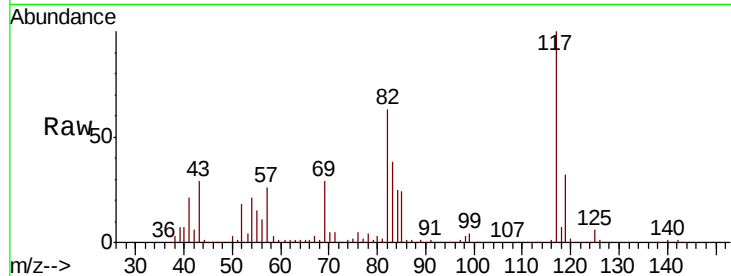




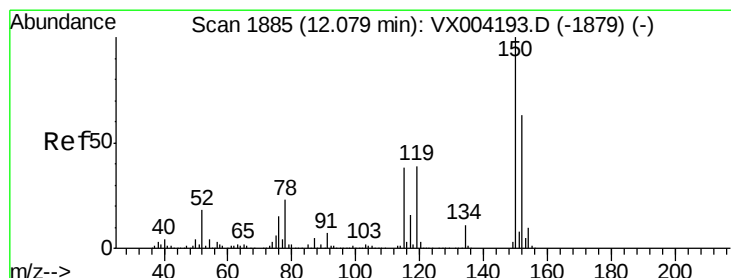
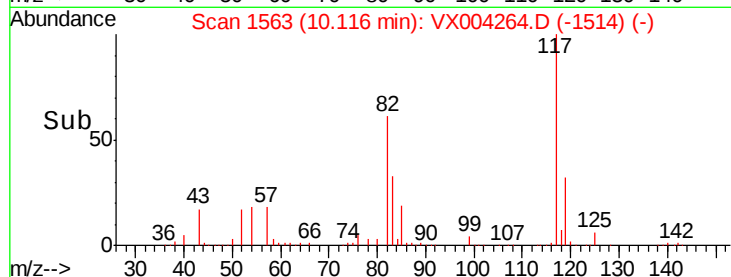
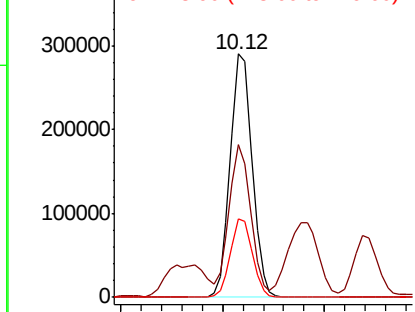
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

Tot Ion:117 Resp: 432118
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.6
119 32.2 29.3 43.9

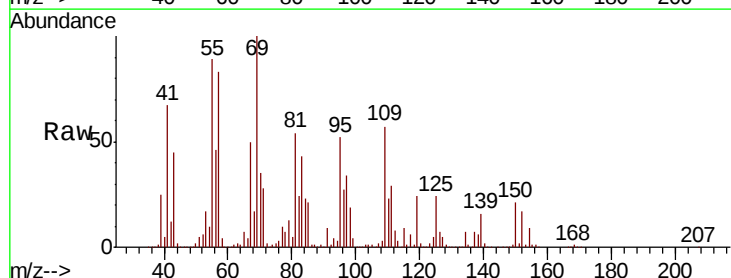


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

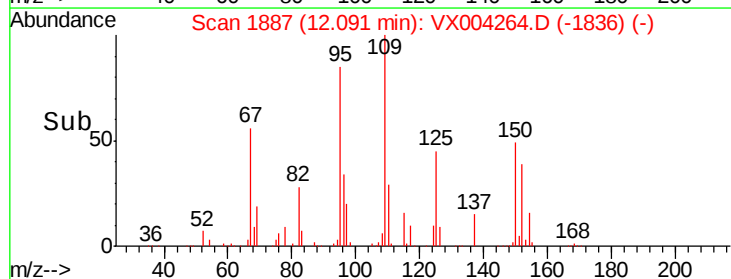
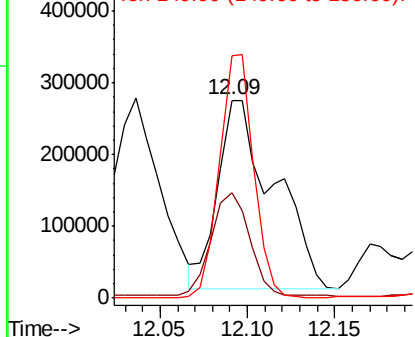


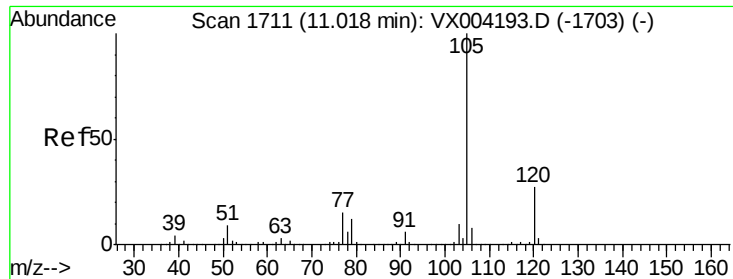
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion:152 Resp: 587813
Ion Ratio Lower Upper
152 100
115 38.3 39.0 117.0#
150 78.3 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: 29.80 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

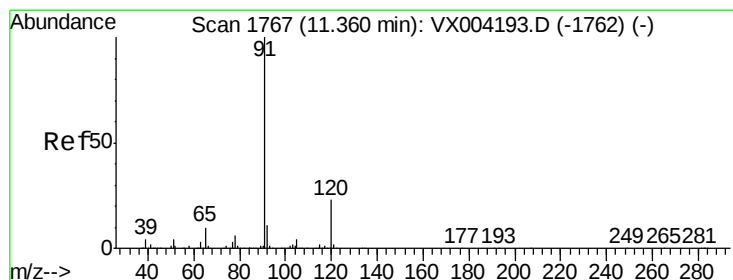
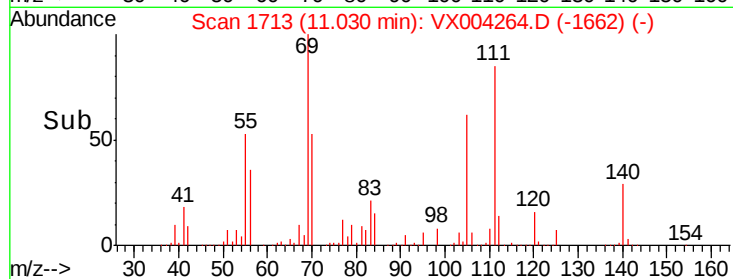
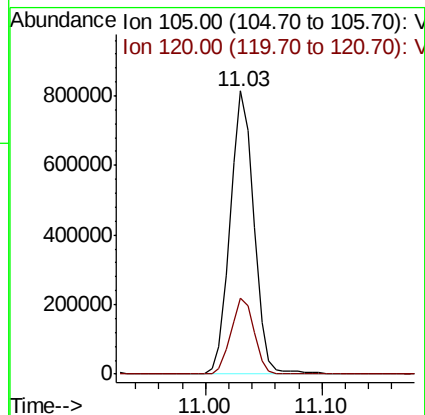
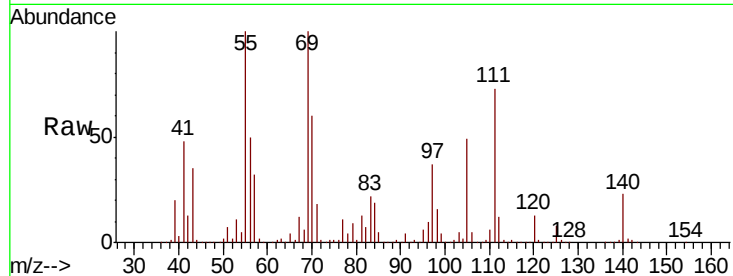
EP1-D7-GRAB

Tot Ion:105 Resp: 1150465

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#78

n-propylbenzene

Concen: 107.91 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX004264.D

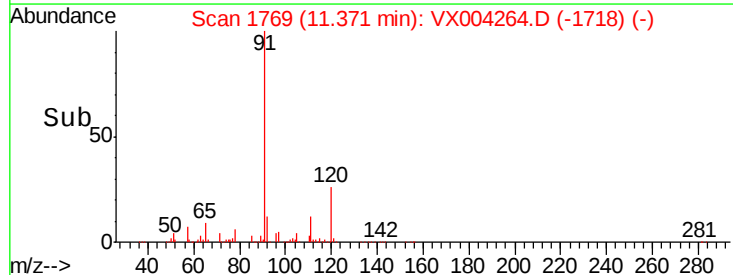
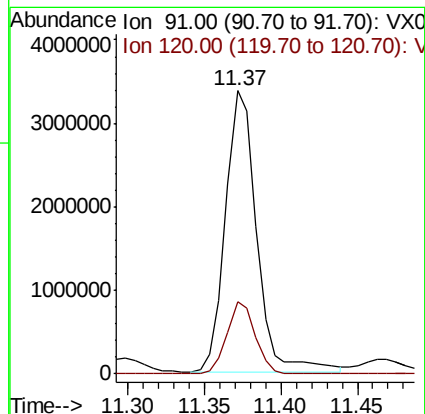
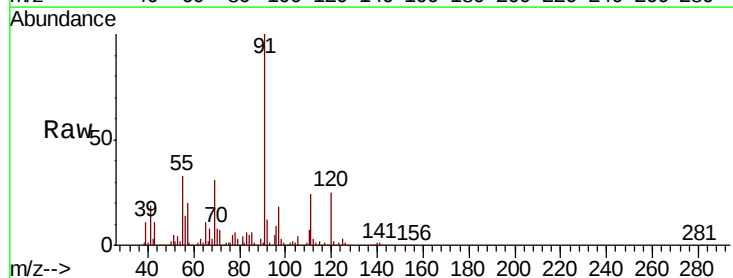
Acq: 27 Aug 2018 16:17

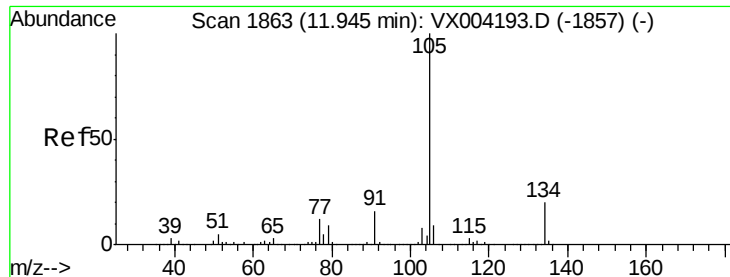
Tgt Ion: 91 Resp: 4791670

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.9





#85

sec-Butylbenzene

Concen: 169.63 ug/l

RT: 11.96 min Scan# 1866

Delta R.T. 0.02 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampled :

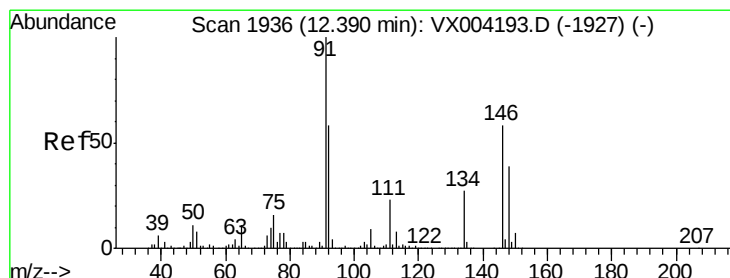
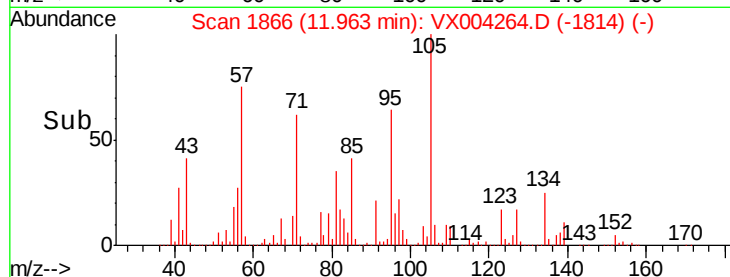
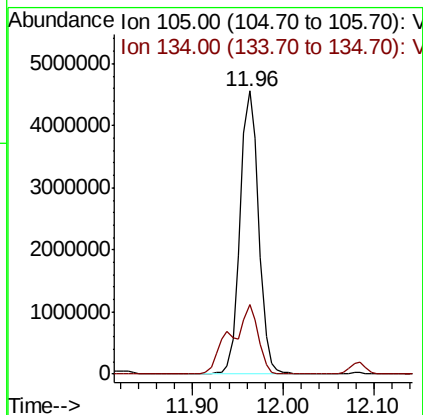
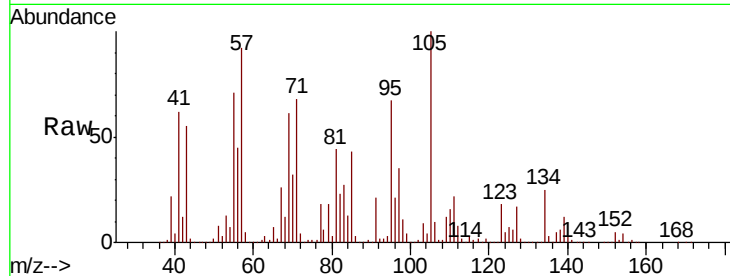
EP1-D7-GRAB

Tot Ion:105 Resp: 6478272

Ion Ratio Lower Upper

105 100

134 36.4 10.5 31.5#



#89

n-Butylbenzene

Concen: 328.91 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Tgt Ion: 91 Resp: 9153837

Ion Ratio Lower Upper

91 100

92 52.6 27.3 81.9

134 44.5 13.6 40.7#

