

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003758.D
 Acq On : 31 Jul 2018 18:40
 Operator : JC/SP
 Sample : J4109-02RE
 Misc : 12.15G/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-04(10-12)RE

Manual Integrations
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 8/1/2018 6:25:14 PM

Quant Time: Aug 01 03:32:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	60623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	101613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	71736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	27975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	36333	59.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.52%	
35) Dibromofluoromethane	5.51	113	30793	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	8.72	98	105435	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	
62) 4-Bromofluorobenzene	11.14	95	33634	36.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.14%	
Target Compounds						
16) Acetone	2.45	43	33541	143.22	ug/l	95
17) Carbon Disulfide	2.57	76	5863	3.33	ug/l #	92
19) Methyl tert-butyl Ether	3.21	73	2438	1.65	ug/l	97
25) 2-Butanone	4.70	43	9887	28.96	ug/l	94
39) Methylcyclohexane	7.47	83	10728	9.18	ug/l	92
40) Benzene	6.14	78	38711	14.20	ug/l	100
52) Toluene	8.79	92	2651	1.56	ug/l	92
67) Ethyl Benzene	10.26	91	8427	3.33	ug/l	100
68) m/p-Xylenes	10.36	106	9916	10.01	ug/l	97
69) o-Xylene	10.70	106	2799	3.04	ug/l	63
73) Isopropylbenzene	11.02	105	177003	101.07	ug/l	100
78) n-propylbenzene	11.36	91	48791	23.00	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	5501m	3.68	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	6688	4.35	ug/l	97
85) sec-Butylbenzene	11.95	105	23854	12.61	ug/l	99
89) n-Butylbenzene	12.39	91	35824	21.89	ug/l #	74
95) Naphthalene	13.84	128	138882	95.25	ug/l #	90

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

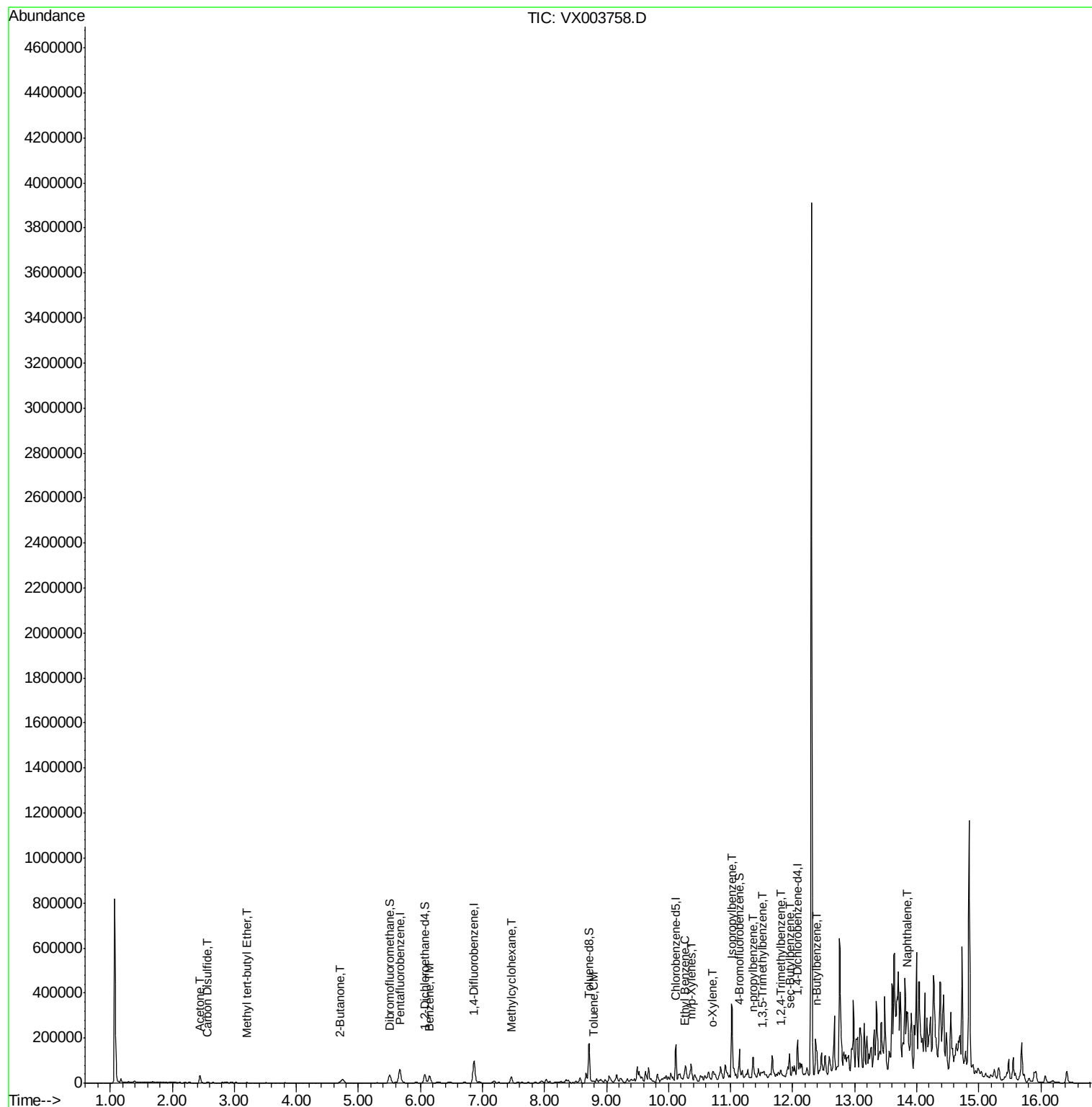
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003758.D
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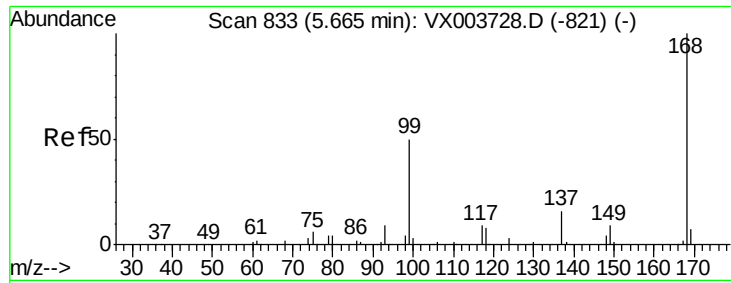
Instrument :
MSVOA_X
ClientSampleId :
GW-04(10-12)RE

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Quant Time: Aug 01 03:32:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003758.D

Acq: 31 Jul 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

GW-04(10-12)RE

Tot Ion:168 Resp: 60623

Ion Ratio Lower Upper

168 100

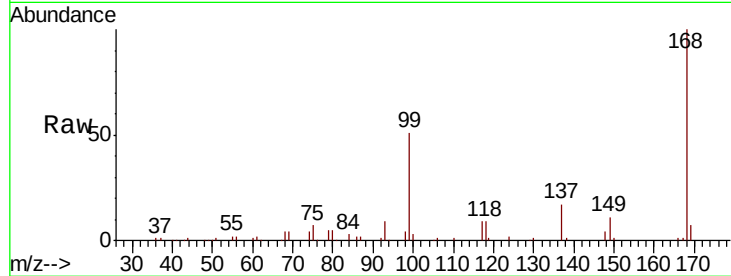
99 51.0 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

20000

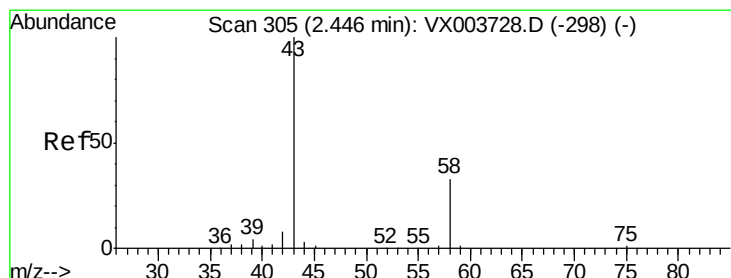
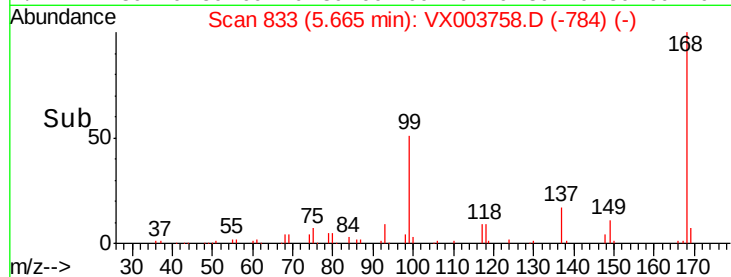
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 143.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003758.D

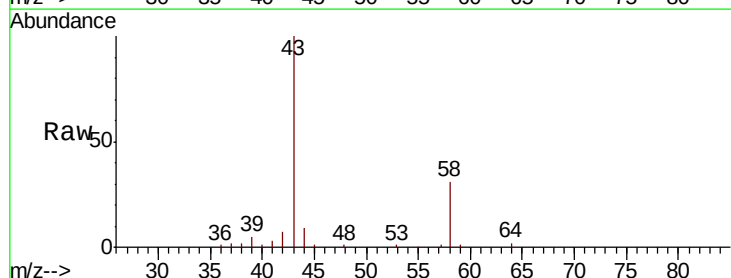
Acq: 31 Jul 2018 18:40

Tgt Ion: 43 Resp: 33541

Ion Ratio Lower Upper

43 100

58 30.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

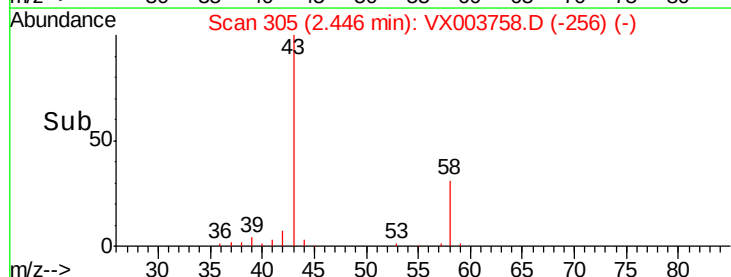
15000

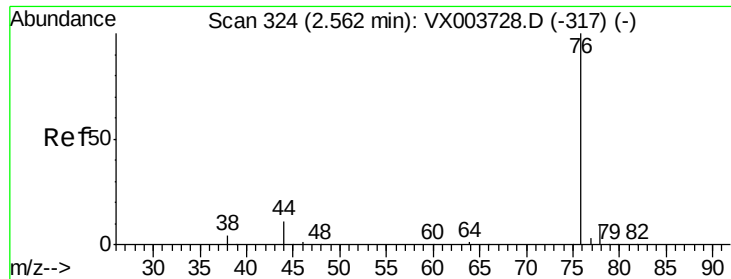
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 3.33 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003758.D

Acq: 31 Jul 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

GW-04(10-12)RE

Tot Ion: 76 Resp: 5863

Ion Ratio Lower Upper

76 100

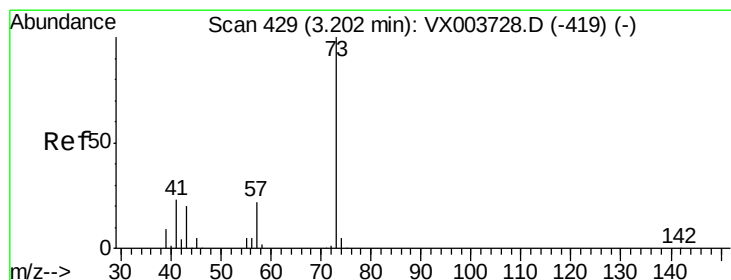
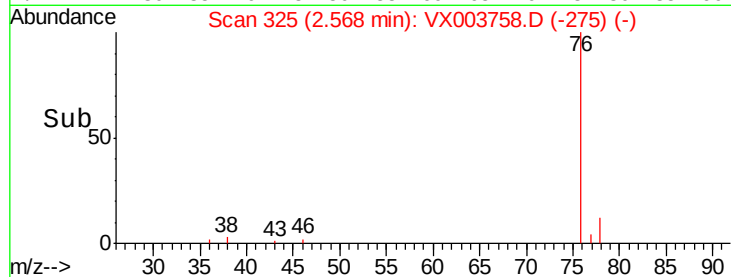
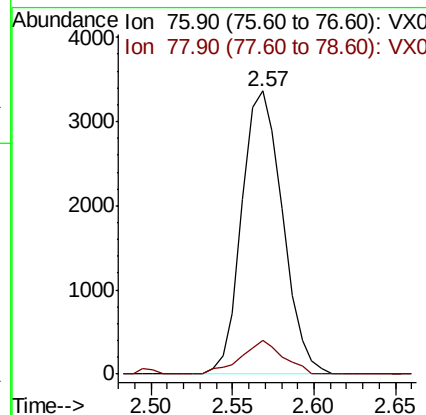
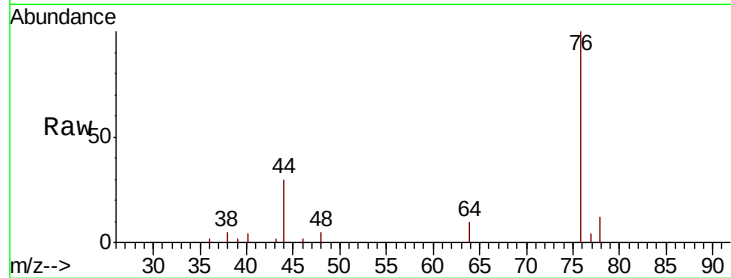
78 11.9 7.3 10.9#

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#19

Methyl tert-butyl Ether

Concen: 1.65 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.01 min

Lab File: VX003758.D

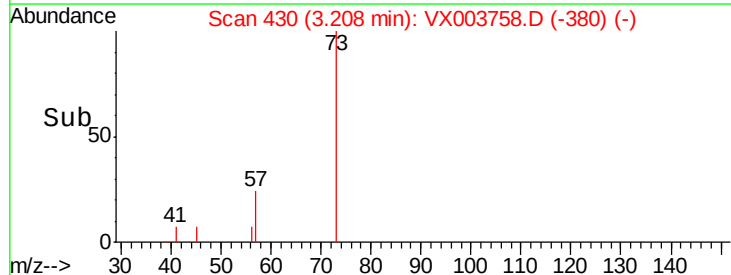
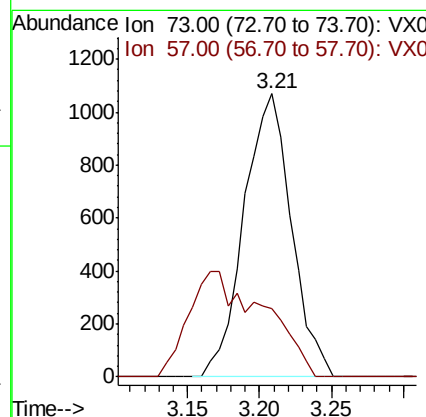
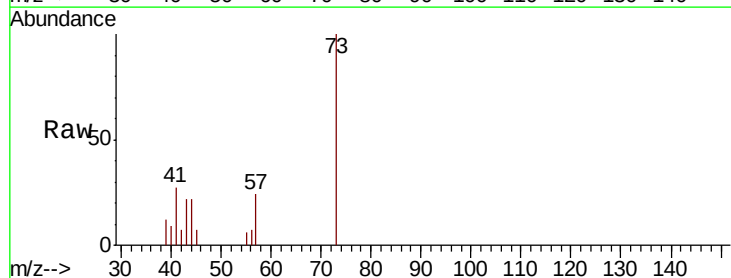
Acq: 31 Jul 2018 18:40

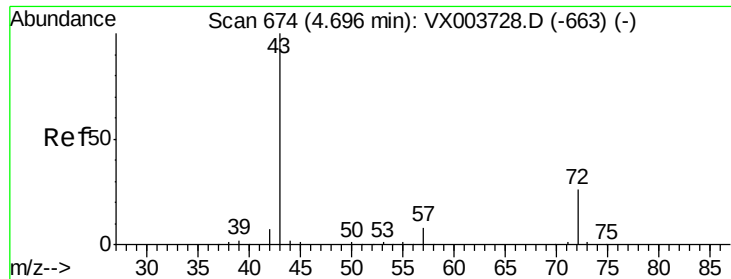
Tgt Ion: 73 Resp: 2438

Ion Ratio Lower Upper

73 100

57 24.0 18.0 27.0





#25

2-Butanone

Concen: 28.96 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003758.D

Acq: 31 Jul 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

GW-04(10-12)RE

Tot Ion: 43 Resp: 9887

Ion Ratio Lower Upper

43 100

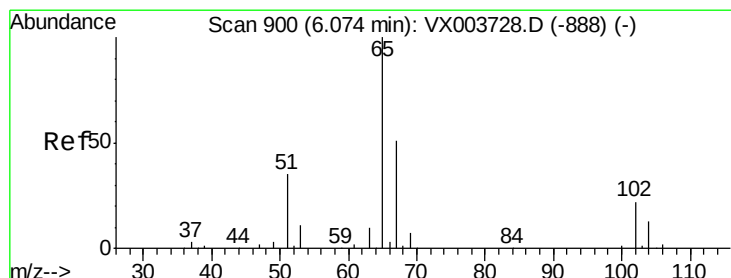
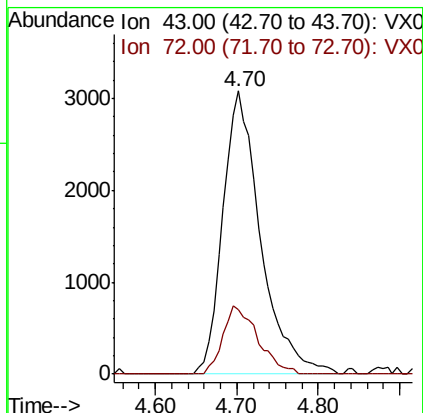
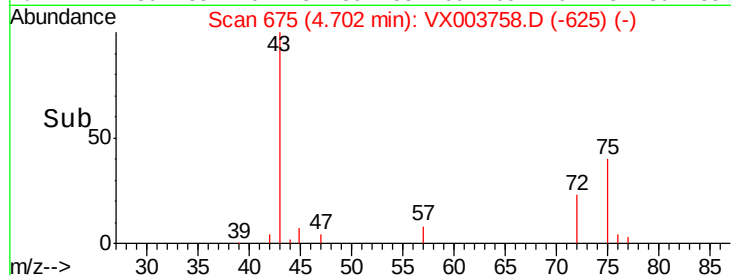
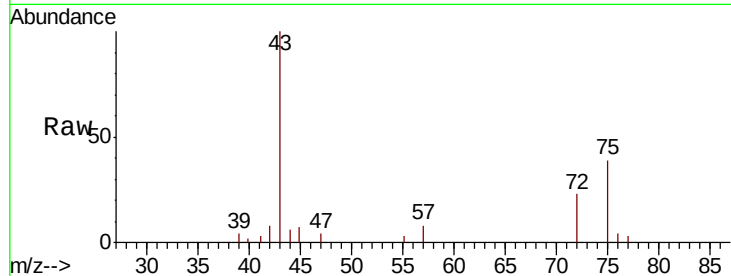
72 22.9 20.9 31.3

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#33

1,2-Dichloroethane-d4

Concen: 59.26 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003758.D

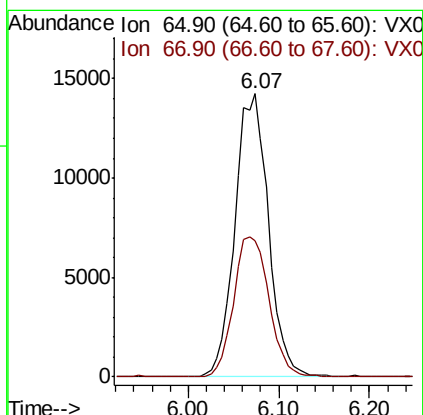
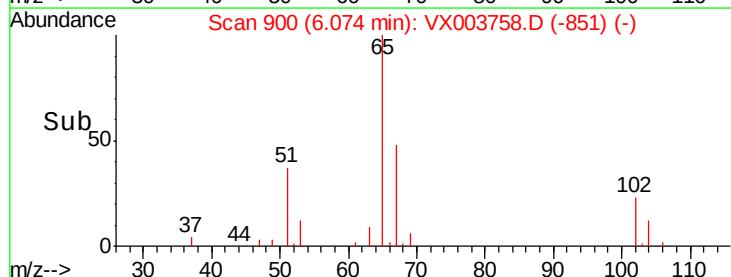
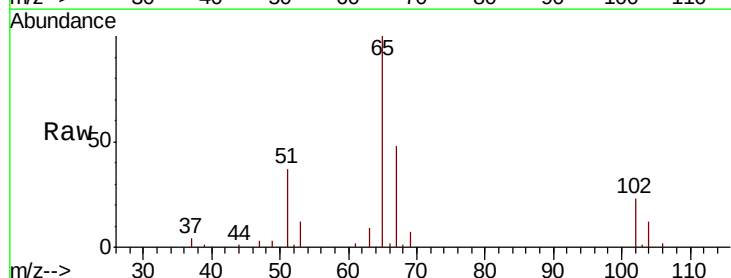
Acq: 31 Jul 2018 18:40

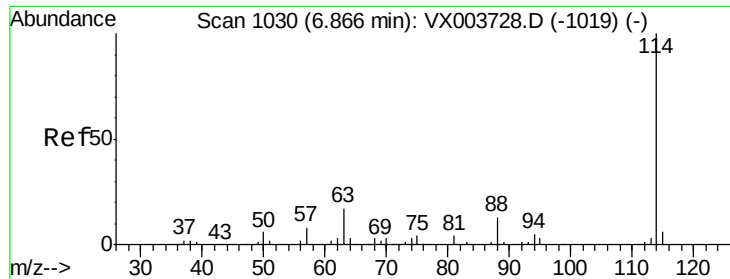
Tgt Ion: 65 Resp: 36333

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003758.D

Acq: 31 Jul 2018 18:40

Instrument :

MSVOA_X

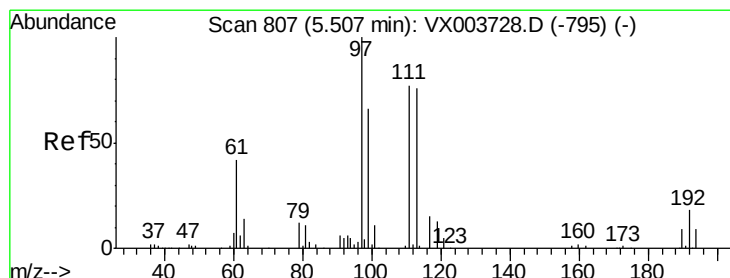
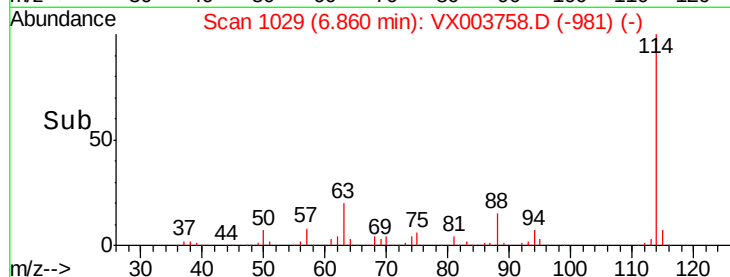
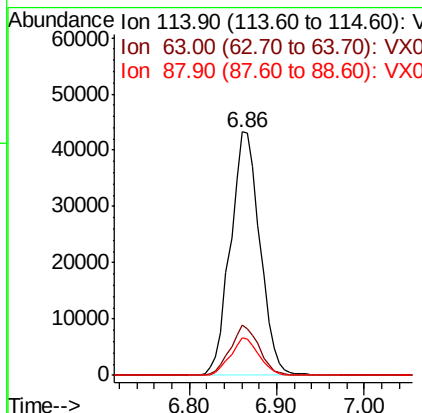
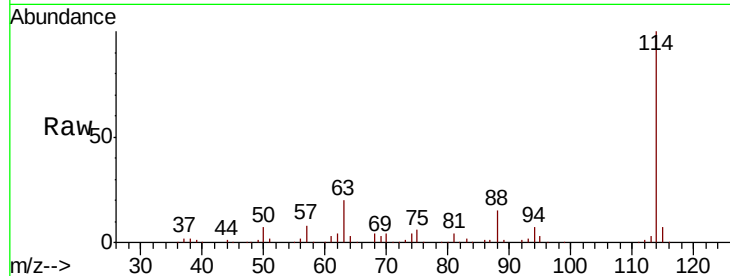
ClientSampleId :

GW-04(10-12)RE

Tot Ion:	114	Resp:	101613
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	34.0
88	15.3	0.0	26.4

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#35

Dibromofluoromethane

Concen: 51.47 ug/l

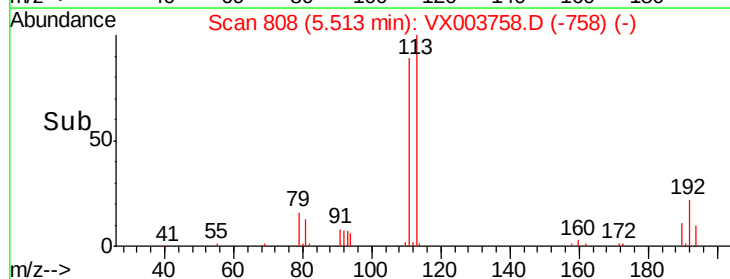
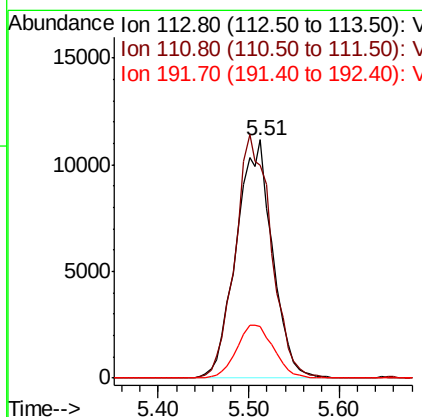
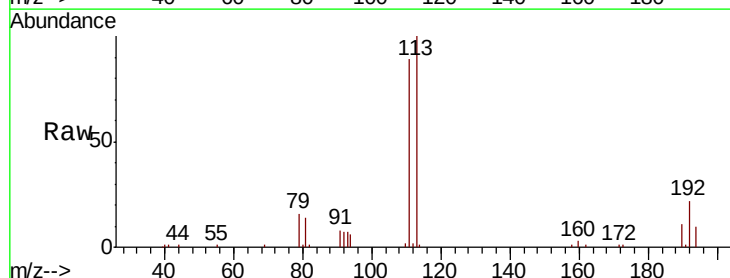
RT: 5.51 min Scan# 808

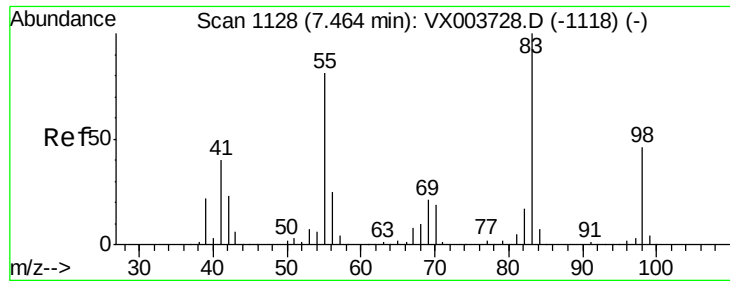
Delta R.T. 0.01 min

Lab File: VX003758.D

Acq: 31 Jul 2018 18:40

Tgt Ion:	113	Resp:	30793
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.8	122.6
192	22.8	18.8	28.2





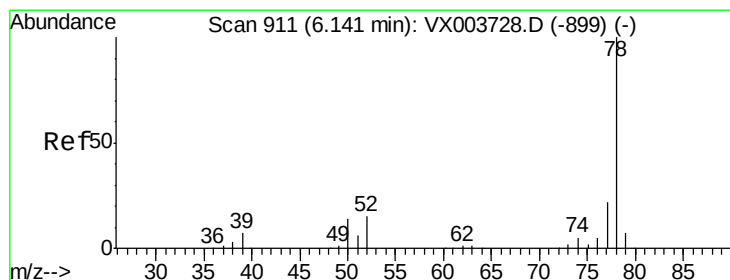
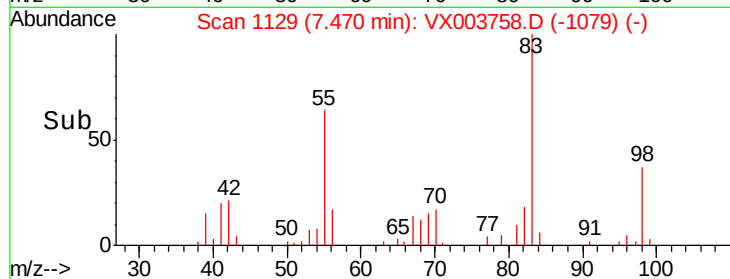
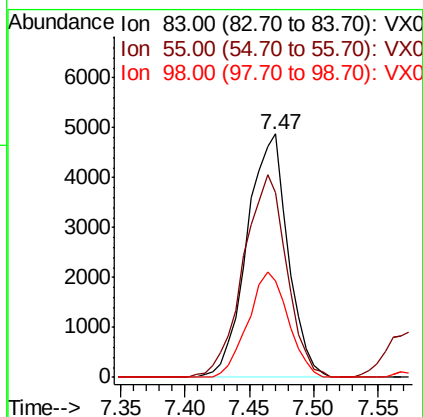
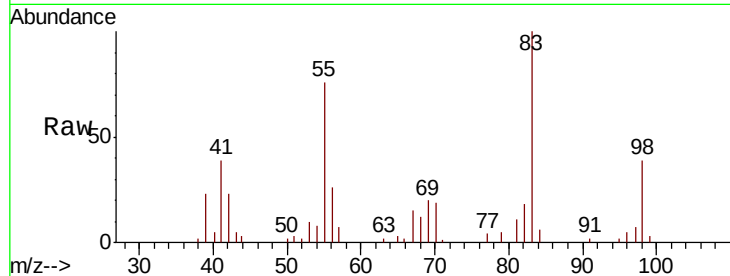
#39
Methylvlcyclohexane
Concen: 9.18 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
GW-04(10-12)RE

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	65.0	97.6
98	39.5	37.1	55.7

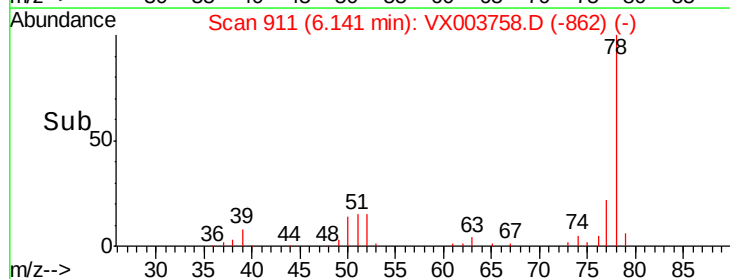
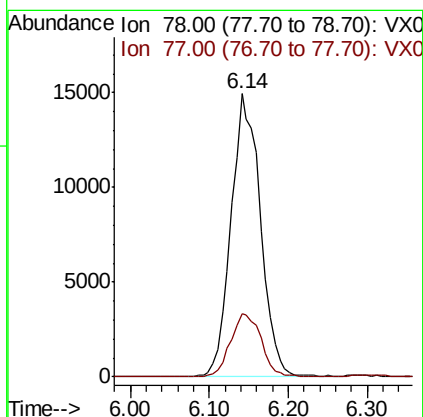
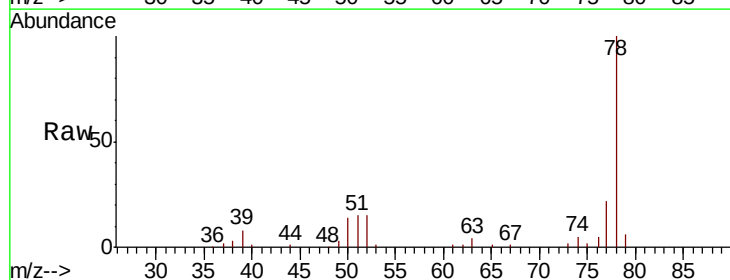
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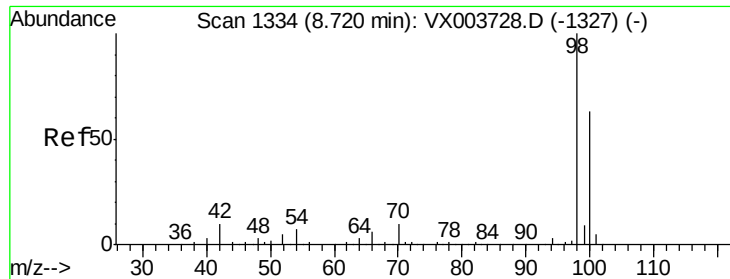
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#40
Benzene
Concen: 14.20 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	17.9	26.9





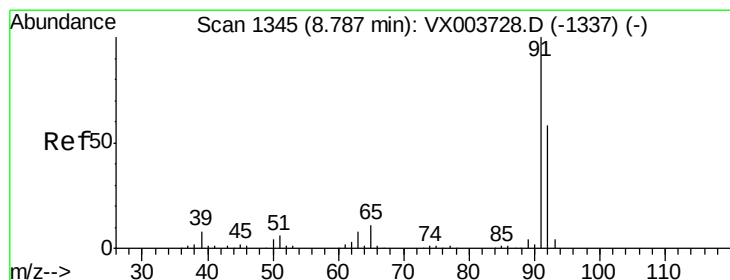
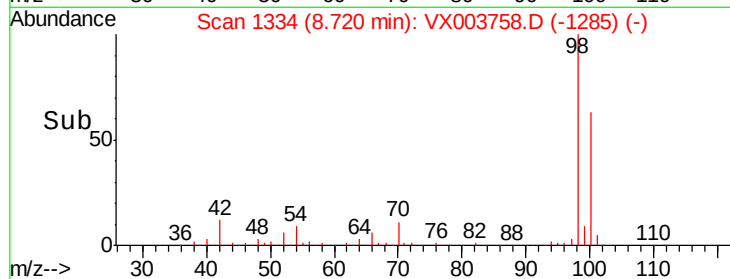
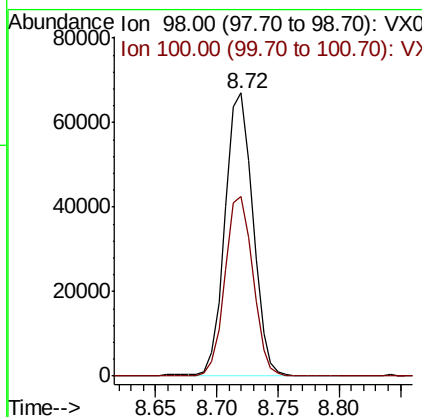
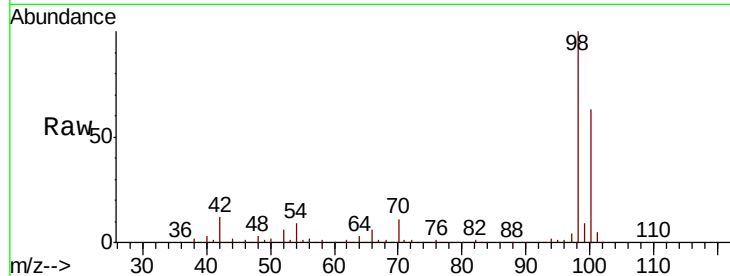
#50
Toluene-d8
Concen: 42.26 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
GW-04(10-12)RE

Tot Ion: 98 Resp: 105435
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

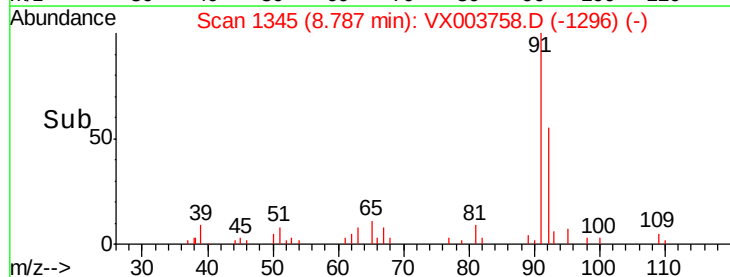
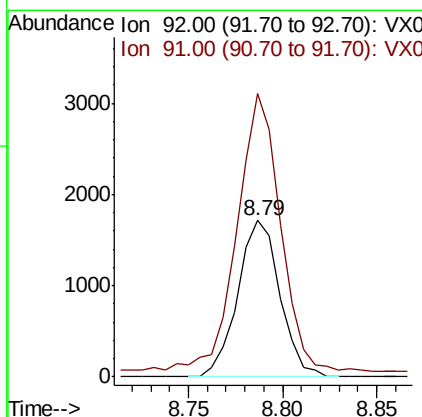
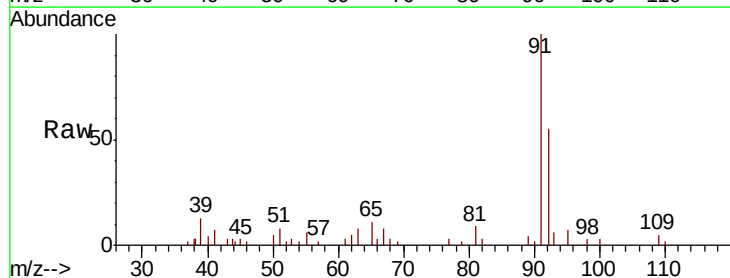
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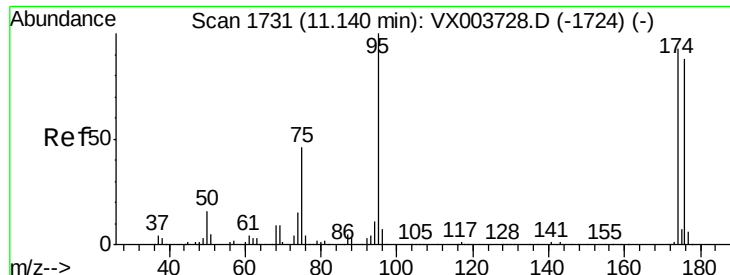
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#52
Toluene
Concen: 1.56 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Tgt Ion: 92 Resp: 2651
Ion Ratio Lower Upper
92 100
91 185.6 139.4 209.2





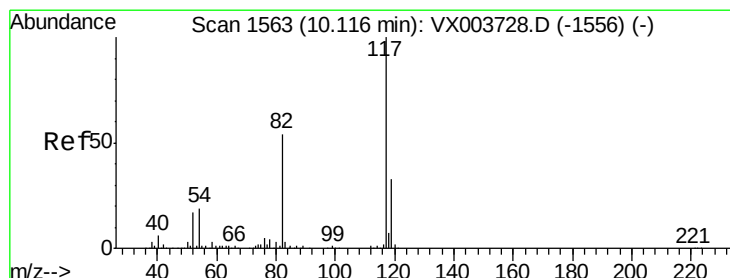
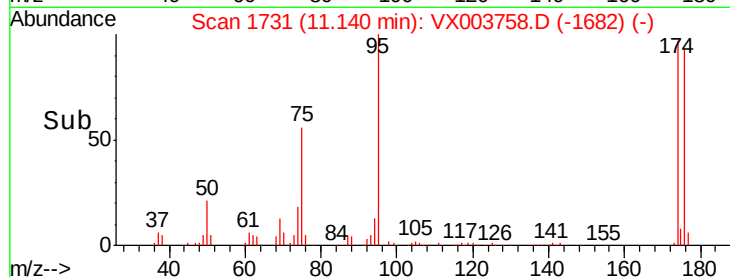
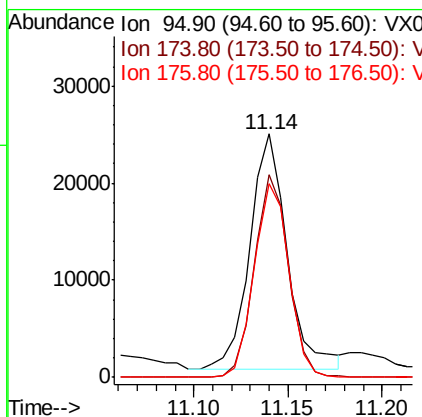
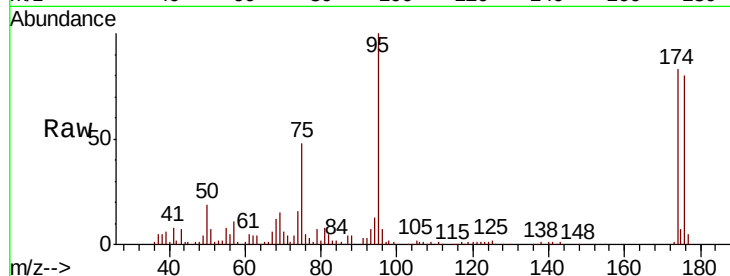
#62
4-Bromofluorobenzene
Concen: 36.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
GW-04(10-12)RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	186.2
176	75.9	0.0	179.2

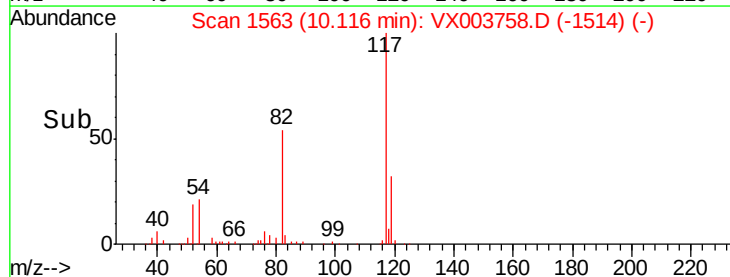
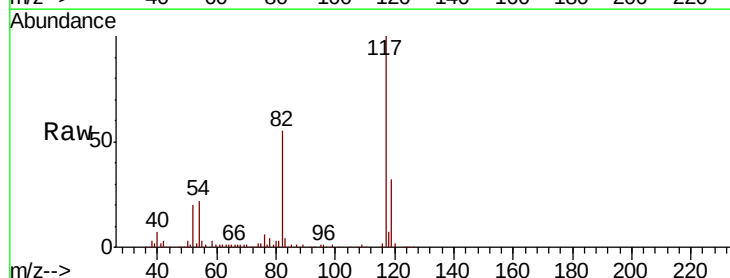
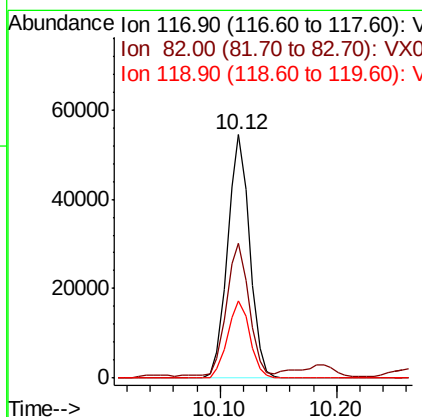
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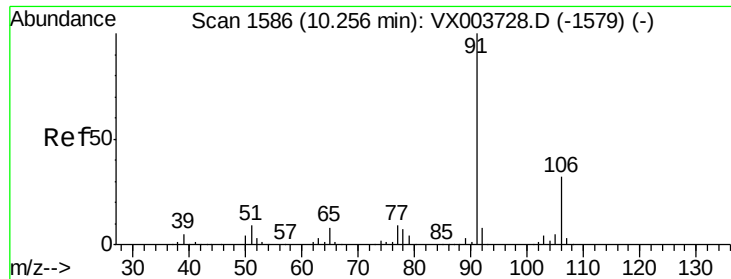
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.2	64.8
119	32.0	26.3	39.5





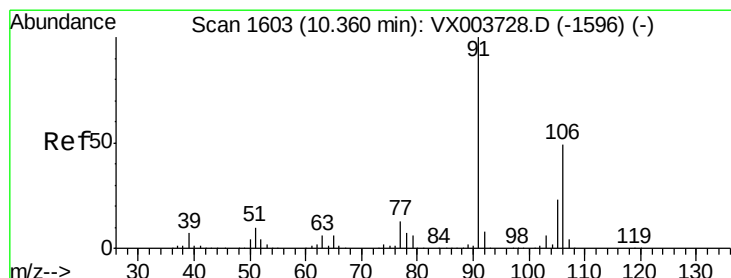
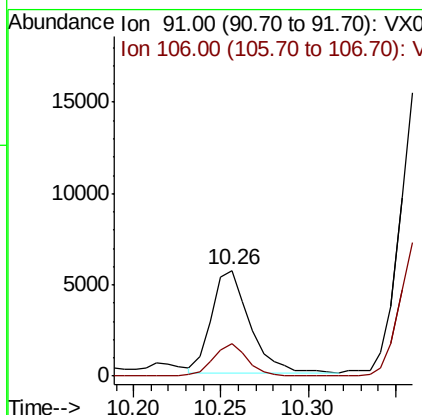
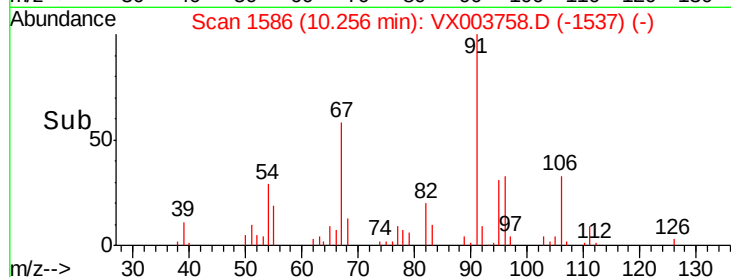
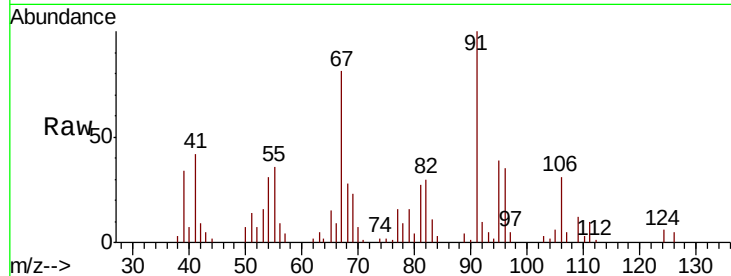
#67
Ethyl Benzene
Concen: 3.33 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
GW-04(10-12)RE

Tot Ion: 91 Resp: 8427
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

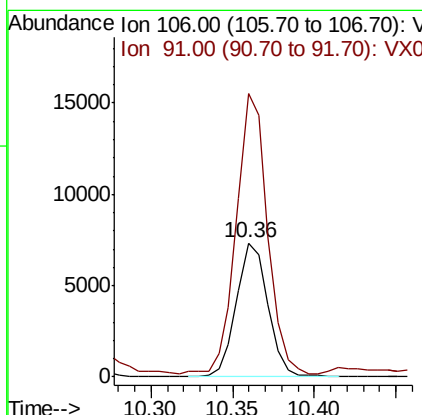
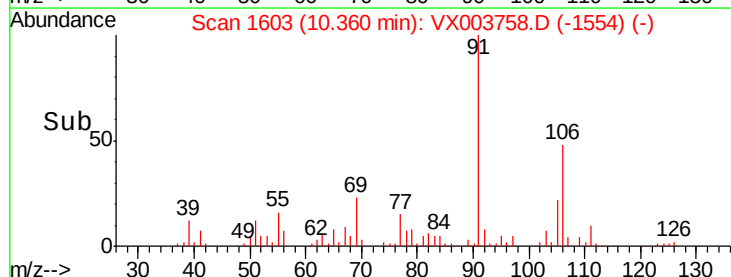
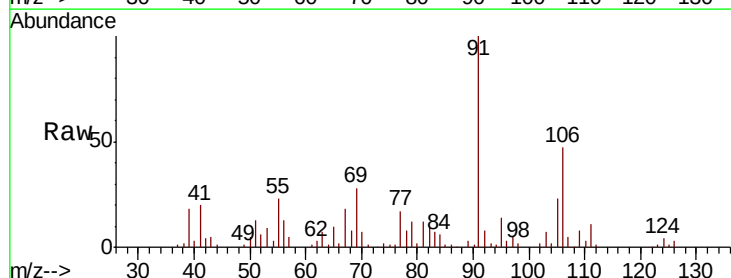
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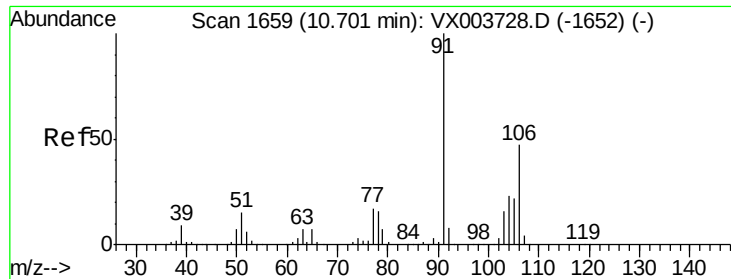
apatel
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#68
m/p-Xylenes
Concen: 10.01 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Tgt Ion: 106 Resp: 9916
Ion Ratio Lower Upper
106 100
91 204.0 159.8 239.8





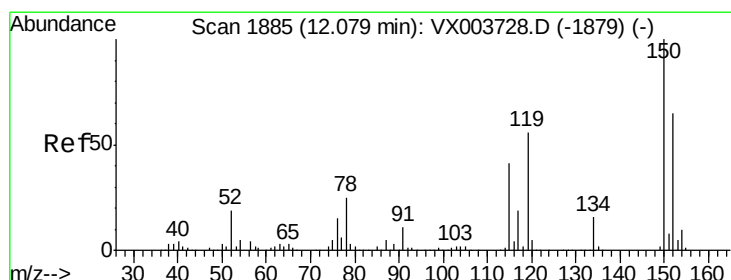
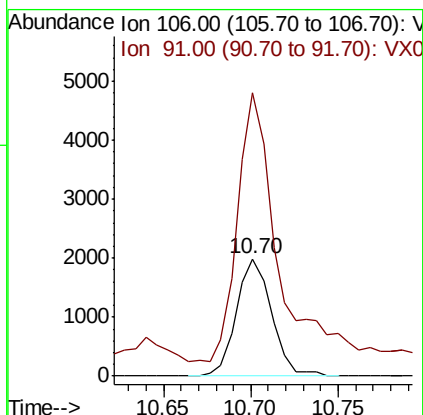
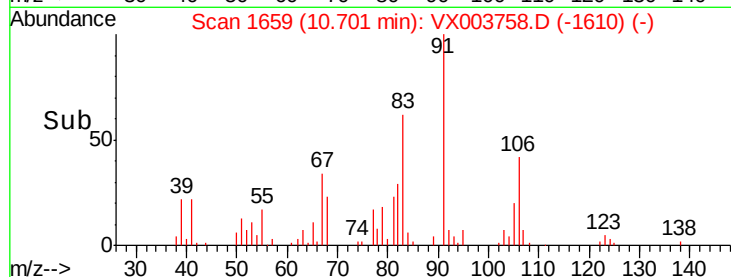
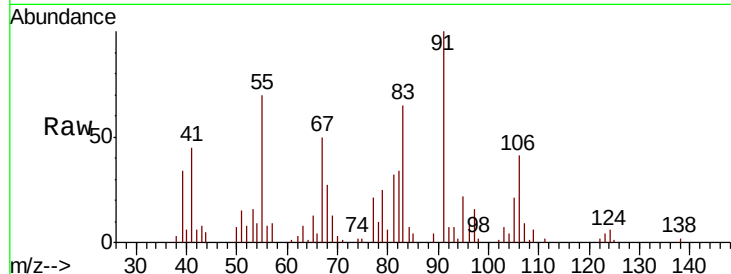
#69
o-Xylene
Concen: 3.04 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Instrument :
MSVOA_X
ClientSampled :
GW-04(10-12)RE

Tot Ion:106 Resp: 2799
Ion Ratio Lower Upper
106 100
91 269.1 105.6 316.8

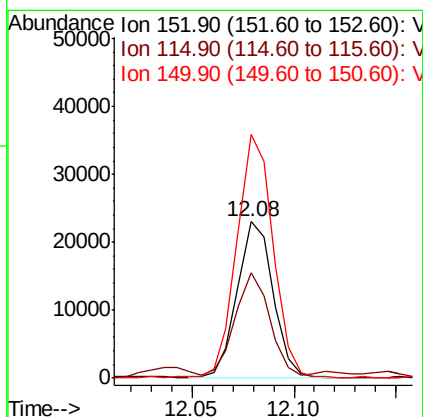
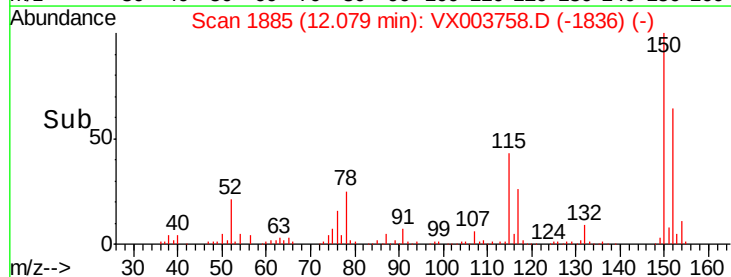
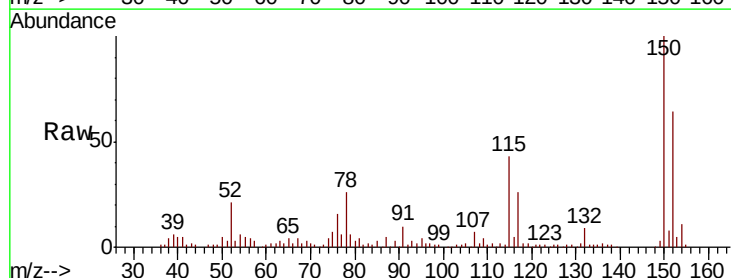
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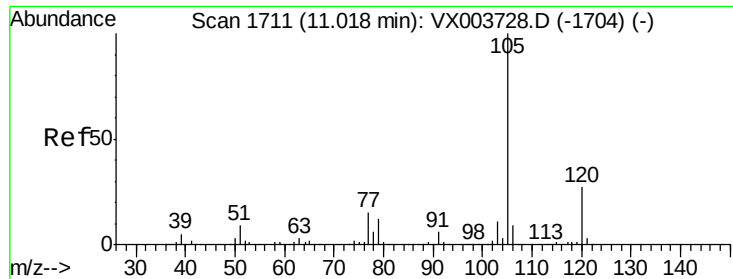
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003758.D
Acq: 31 Jul 2018 18:40

Tgt Ion:152 Resp: 27975
Ion Ratio Lower Upper
152 100
115 61.7 38.5 115.3
150 158.1 0.0 346.2





#73

Isopropylbenzene

Concen: 101.07 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003758.D

Acq: 31 Jul 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

GW-04(10-12)RE

Tot Ion:105 Resp: 177003

Ion Ratio Lower Upper

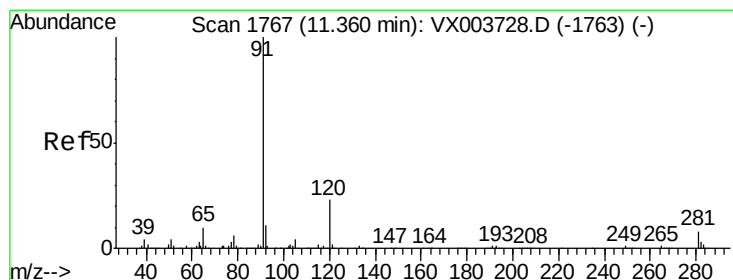
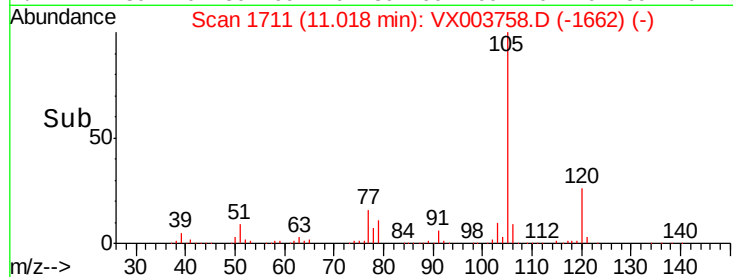
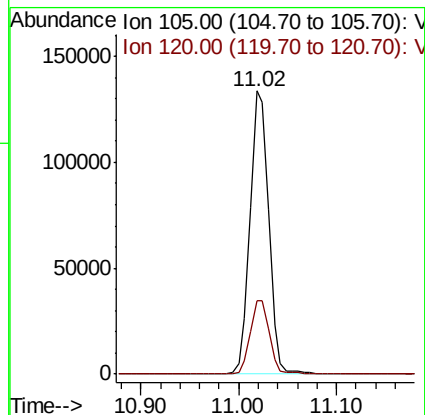
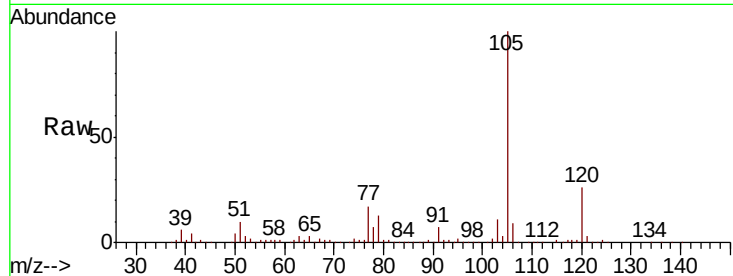
105 100

120 26.8 13.5 40.5

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#78

n-propylbenzene

Concen: 23.00 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003758.D

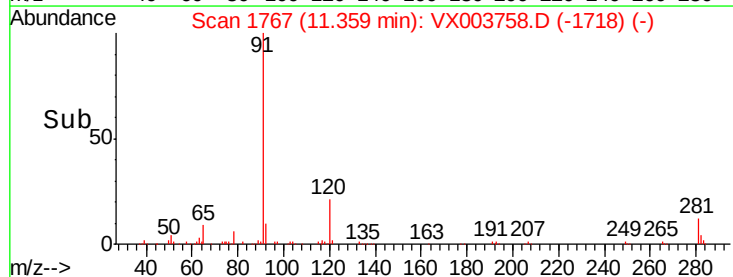
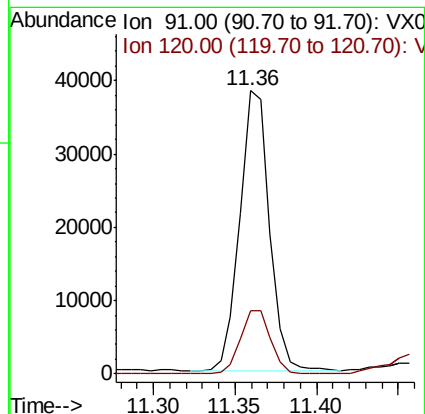
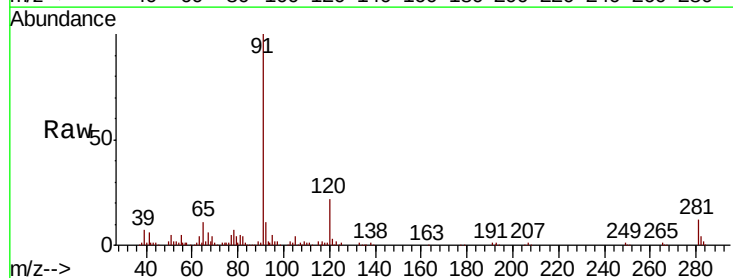
Acq: 31 Jul 2018 18:40

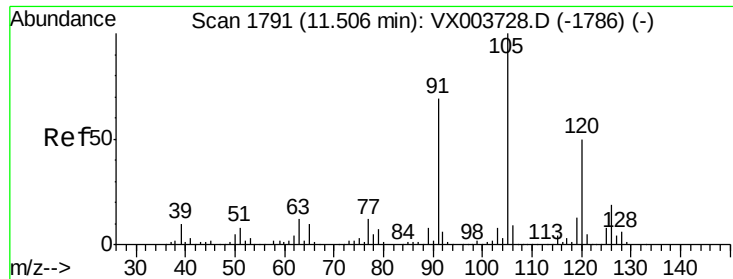
Tgt Ion: 91 Resp: 48791

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.5





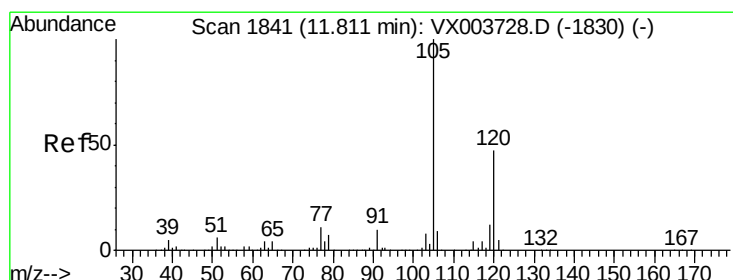
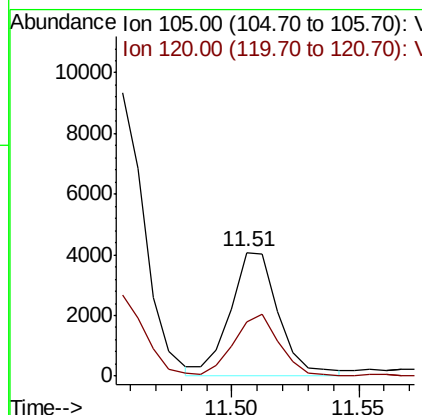
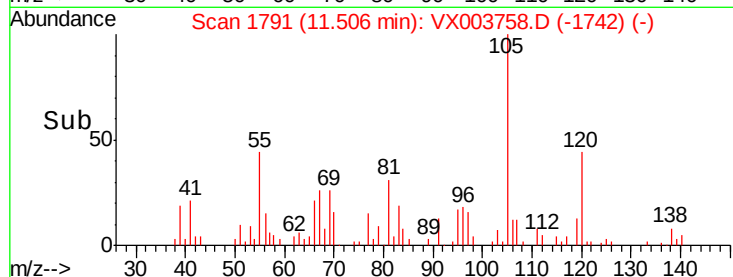
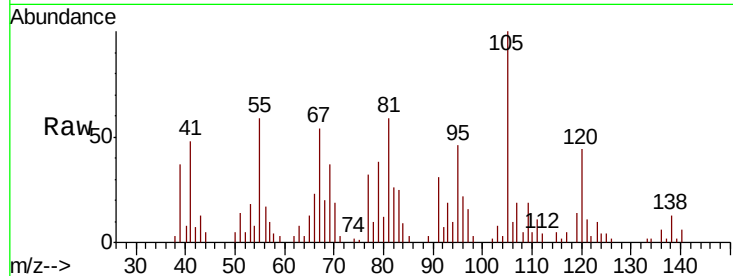
#80
 1,3,5-Trimethylbenzene
 Concen: 3.68 ug/l m
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX003758.D
 Acq: 31 Jul 2018 18:40

Instrument :
 MSVOA_X
 ClientSampled :
 GW-04(10-12)RE

Tot Ion:105 Resp: 5501
 Ion Ratio Lower Upper
 105 100
 120 77.3 15.8 47.4#

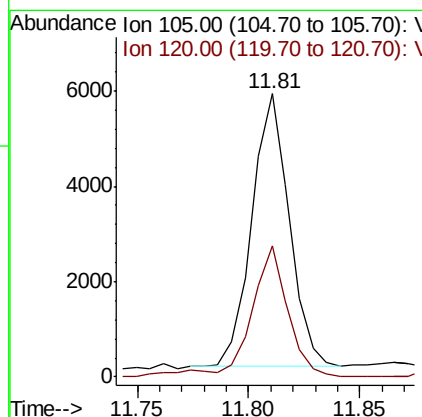
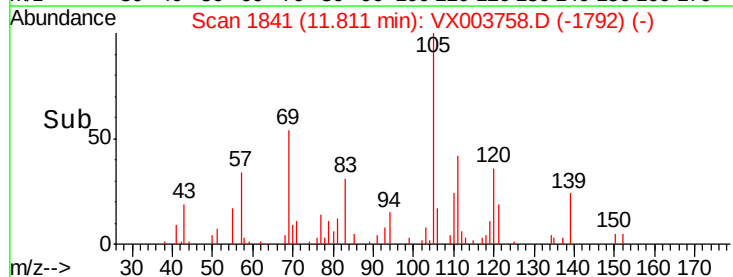
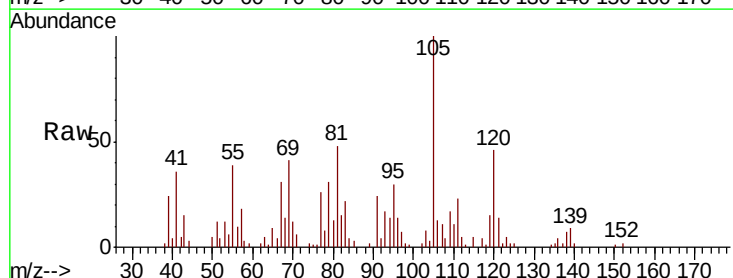
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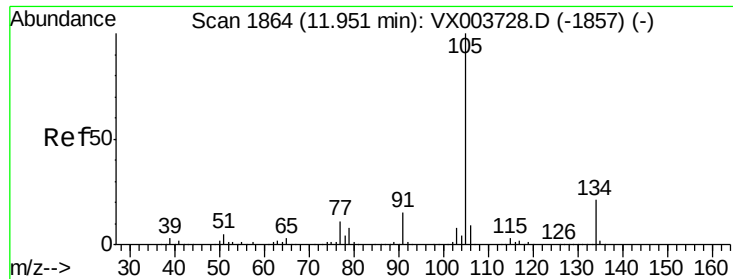
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.35 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003758.D
 Acq: 31 Jul 2018 18:40

Tgt Ion:105 Resp: 6688
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.1 69.2





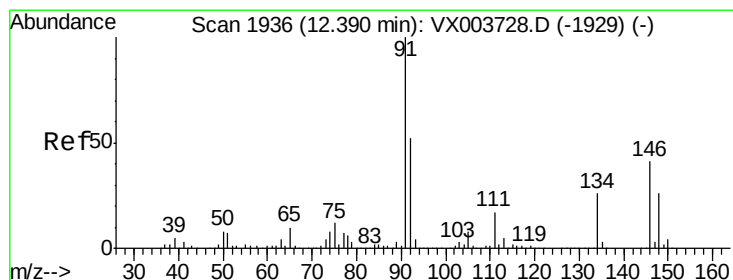
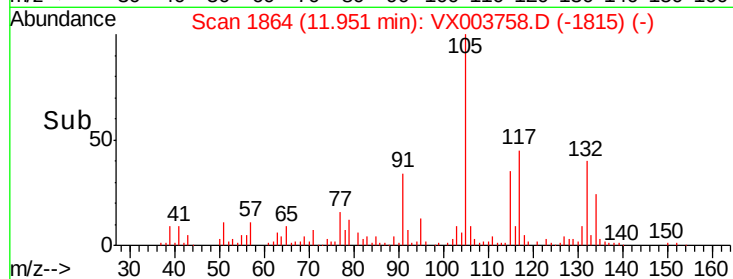
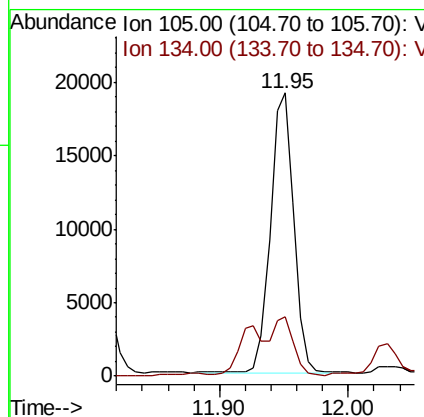
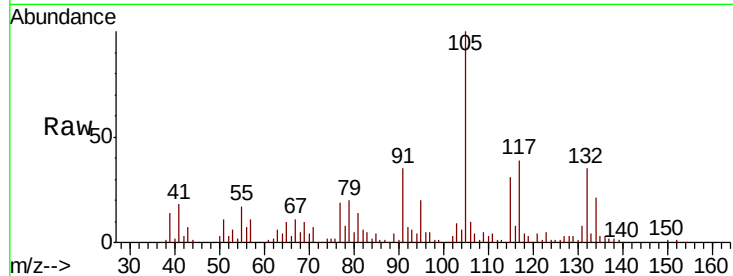
#85
 sec-Butylbenzene
 Concen: 12.61 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003758.D
 Acq: 31 Jul 2018 18:40

Instrument :
 MSVOA_X
 ClientSampled :
 GW-04(10-12)RE

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.3	30.8

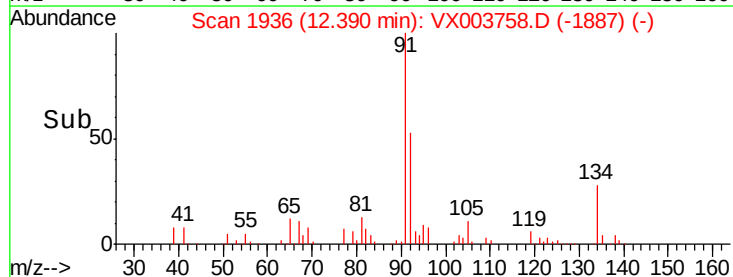
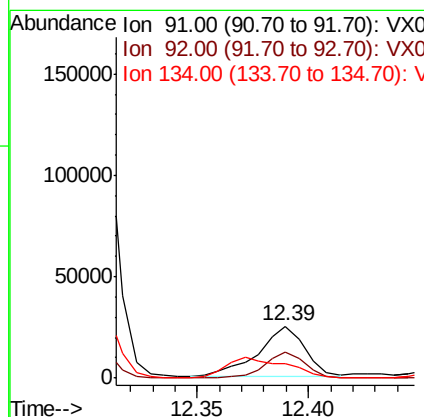
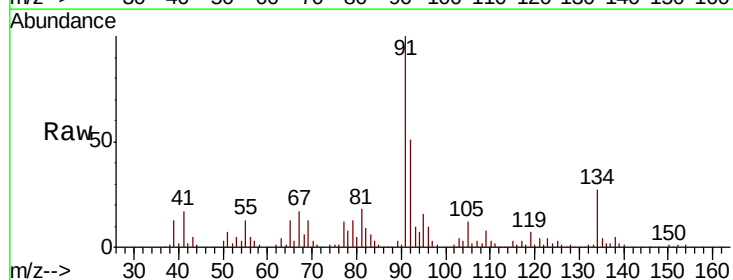
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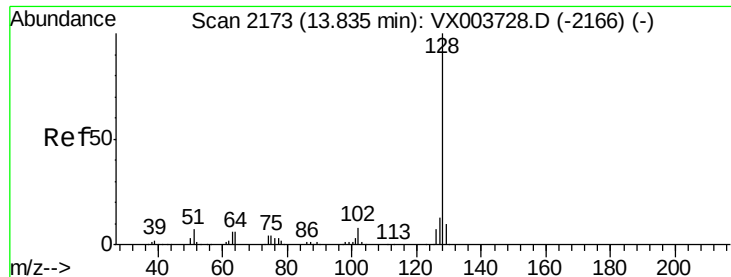
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#89
 n-Butylbenzene
 Concen: 21.89 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX003758.D
 Acq: 31 Jul 2018 18:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	44.0	26.2	78.5
134	54.3	13.6	40.7





#95
 Naphthalene
 Concen: 95.25 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: VX003758.D
 Acq: 31 Jul 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-04(10-12)RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.2	15.2#
129	16.0	8.7	13.1#

Manual Integrations
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