

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX073118\
 Data File : VX003761.D
 Acq On : 31 Jul 2018 19:56
 Operator : JC/SP
 Sample : J4109-05RE
 Misc : 8.58G/5.0mL/MSVOA X/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(3-5)

Manual Integrations
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 8/1/2018 6:39:19 PM

Quant Time: Aug 01 03:43:04 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	108083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	138094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	54780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	58314	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	5.50	113	50894	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.72	98	185343	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	
62) 4-Bromofluorobenzene	11.14	95	56551	36.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.22%	

Target Compounds

						Qvalue
16) Acetone	2.45	43	53512	128.16	ug/l	98
17) Carbon Disulfide	2.57	76	10689	3.40	ug/l	99
25) 2-Butanone	4.70	43	19089	31.36	ug/l	100
39) Methylcyclohexane	7.46	83	2555	1.28	ug/l	89
40) Benzene	6.15	78	95950	20.66	ug/l	100
52) Toluene	8.79	92	85153	29.40	ug/l	100
67) Ethyl Benzene	10.26	91	648704	133.13	ug/l	98
68) m/p-Xylenes	10.36	106	178167	93.47	ug/l	97
69) o-Xylene	10.70	106	249332	140.87	ug/l	99
73) Isopropylbenzene	11.02	105	280396	81.76	ug/l	99
78) n-propylbenzene	11.36	91	141152	33.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	400444m	136.80	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	1325197	439.83	ug/l	100
85) sec-Butylbenzene	11.95	105	17586m	4.75	ug/l	
86) p-Isopropyltoluene	12.07	119	149722	44.47	ug/l	77
95) Naphthalene	13.85	128	12731262	4459.03	ug/l #	89

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

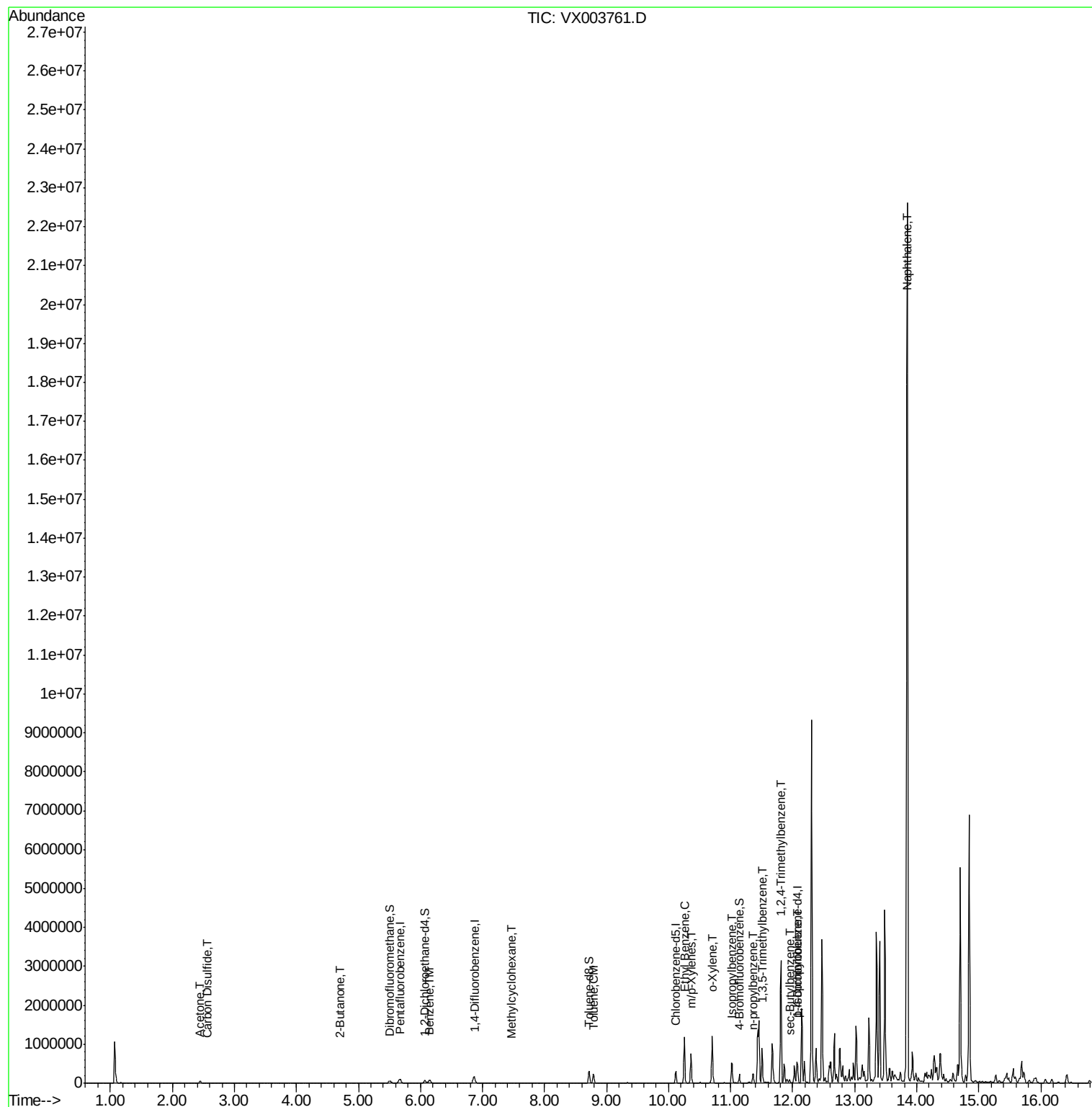
Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX073118\
Data File : VX003761.D
Acq On : 31 Jul 2018 19:56
Operator : JC/SP
Sample : J4109-05RE
Misc : 8.58G/5.0mL/MSVOA X/SOIL
ALS Vial : 16 Sample Multiplier: 1

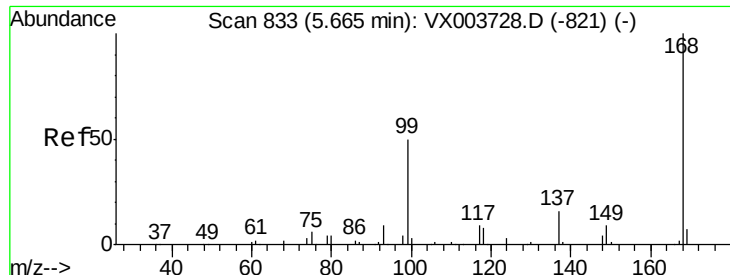
Instrument :
MSVOA_X
ClientSampleId :
SB-11(3-5)

Manual Integrations
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Quant Time: Aug 01 03:43:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
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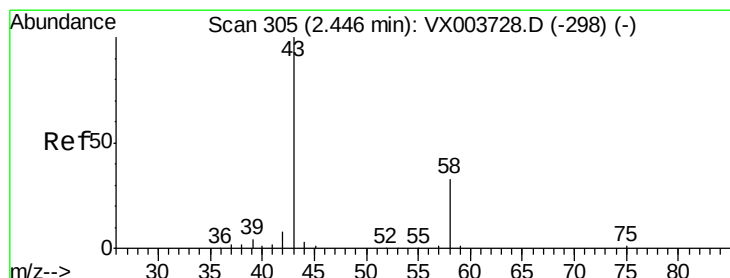
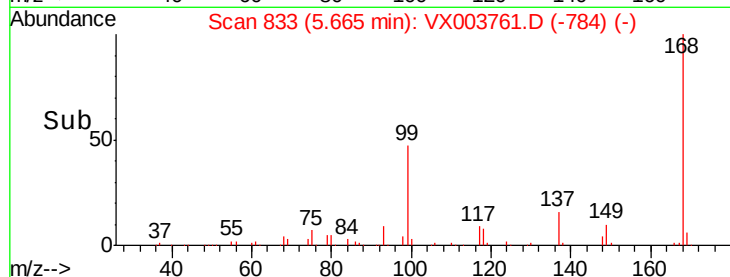
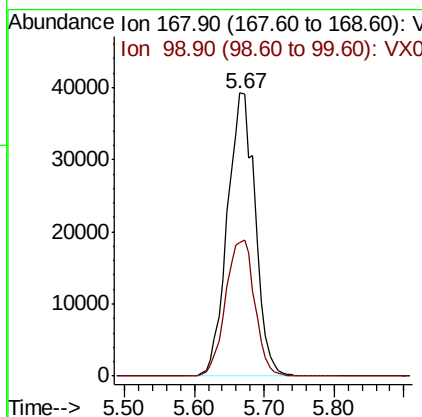
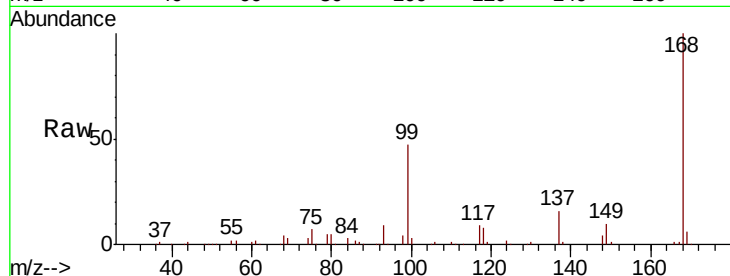
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003761.D
Acq: 31 Jul 2018 19:56

Instrument :
MSVOA_X
ClientSampleId :
SB-11(3-5)

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.3	40.2	60.2

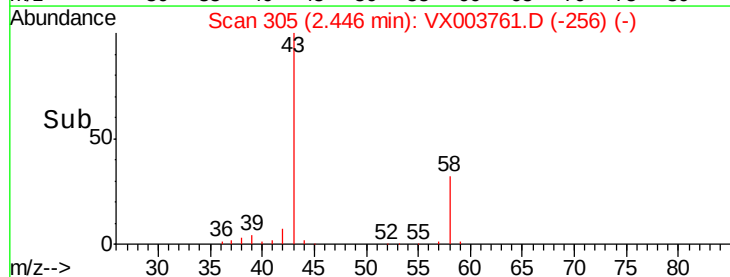
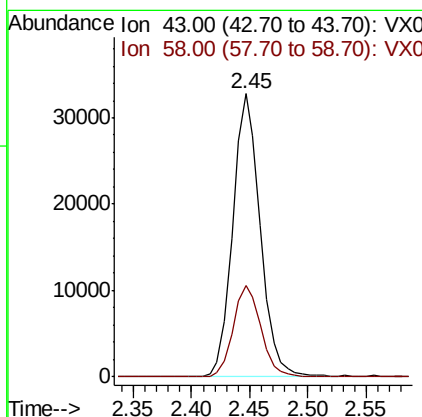
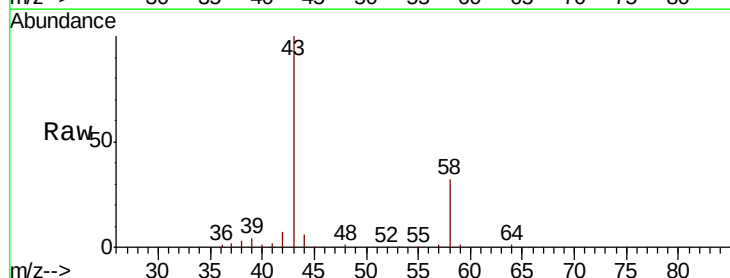
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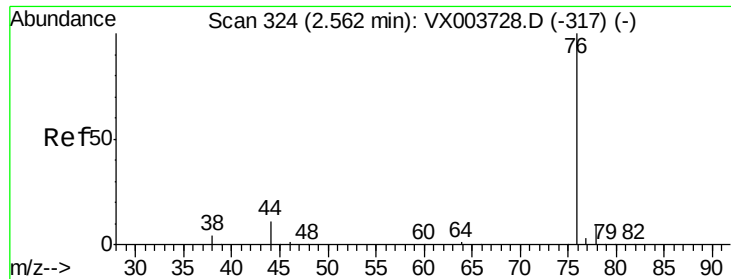
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#16
Acetone
Concen: 128.16 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003761.D
Acq: 31 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.7	40.1





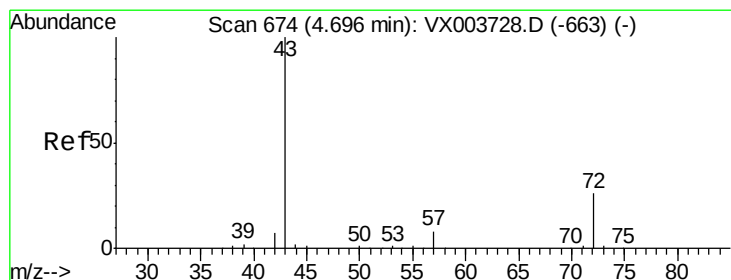
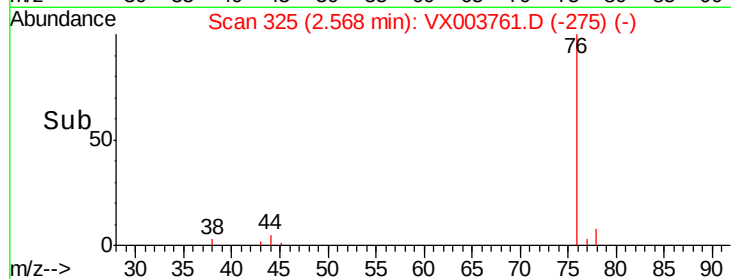
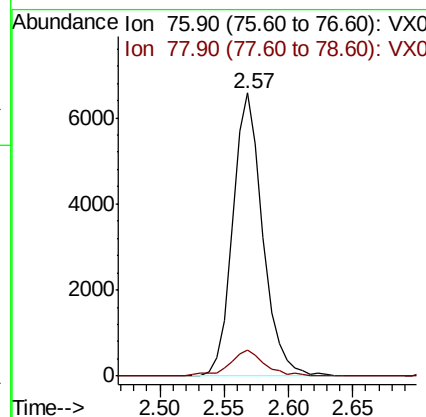
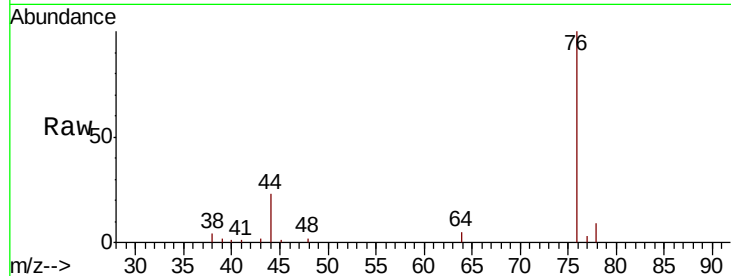
#17
Carbon Disulfide
Concen: 3.40 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003761.D
Acq: 31 Jul 2018 19:56

Instrument :
MSVOA_X
ClientSampleId :
SB-11(3-5)

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

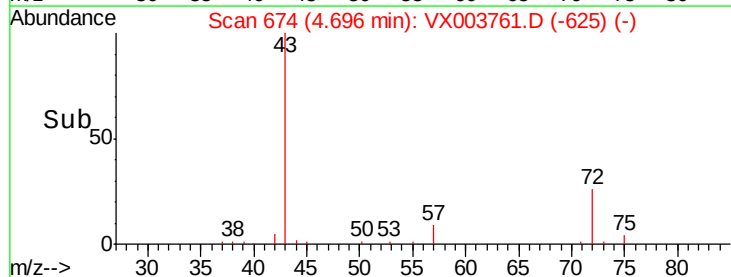
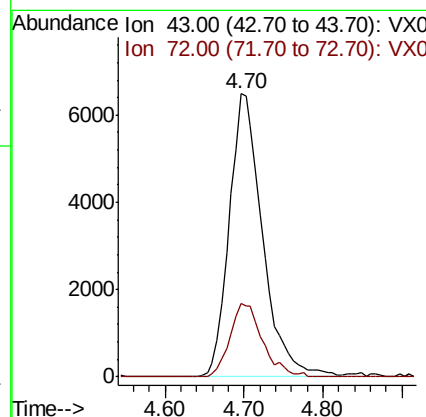
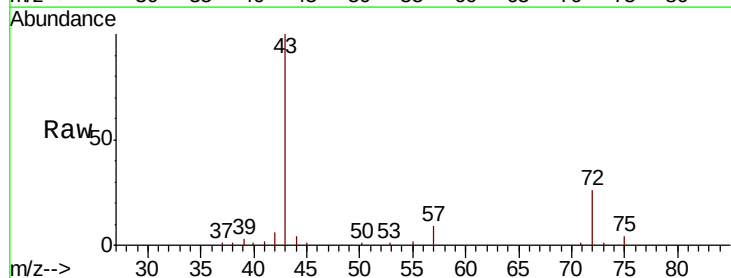
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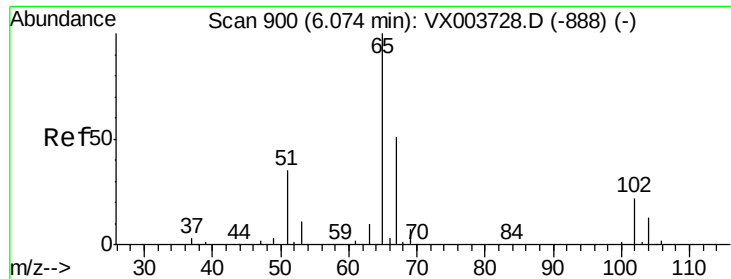
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#25
2-Butanone
Concen: 31.36 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX003761.D
Acq: 31 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.0	20.9	31.3





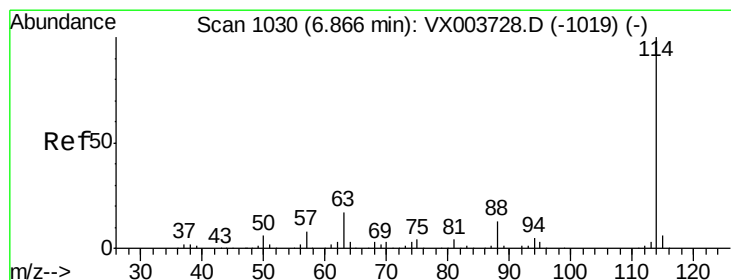
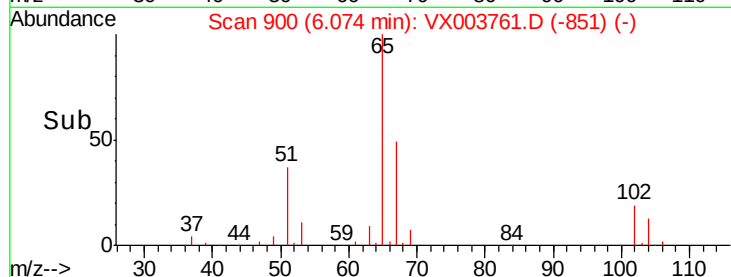
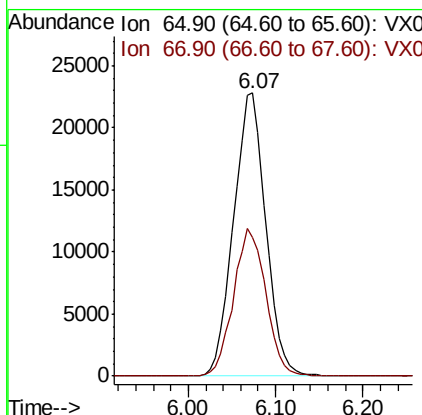
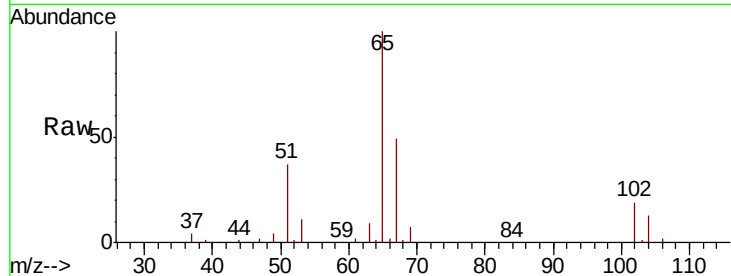
#33
 1,2-Dichloroethane-d4
 Concen: 53.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003761.D
 Acq: 31 Jul 2018 19:56

Instrument :
 MSVOA_X
 ClientSampled :
 SB-11(3-5)

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.0

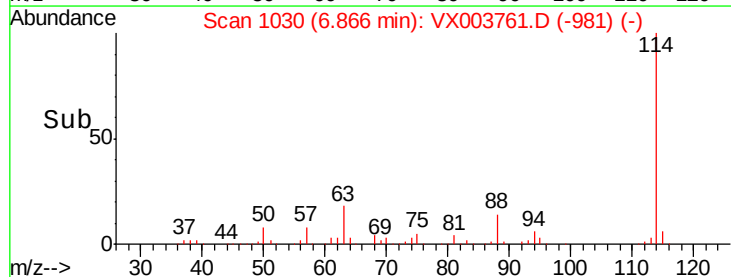
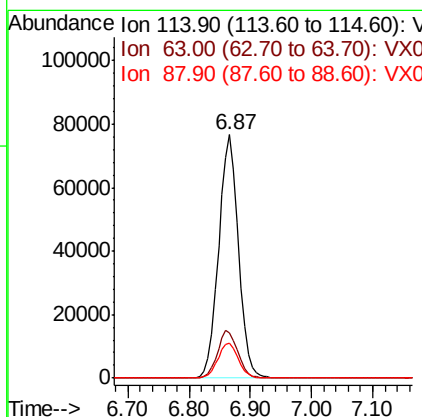
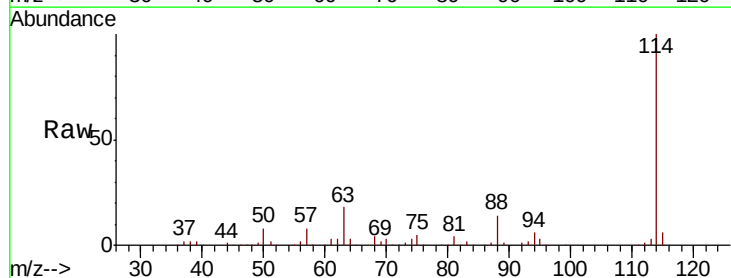
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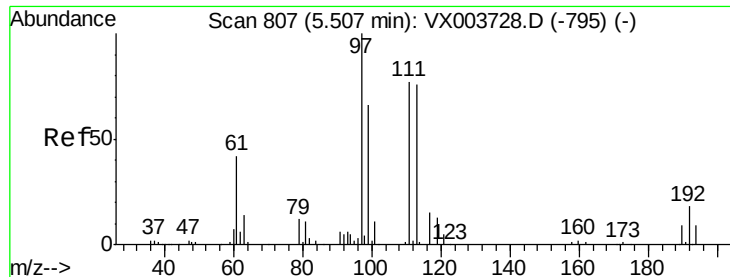
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003761.D
 Acq: 31 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.0
88	14.4	0.0	26.4





#35

Dibromofluoromethane

Concen: 49.95 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003761.D

Acq: 31 Jul 2018 19:56

Instrument :

MSVOA_X

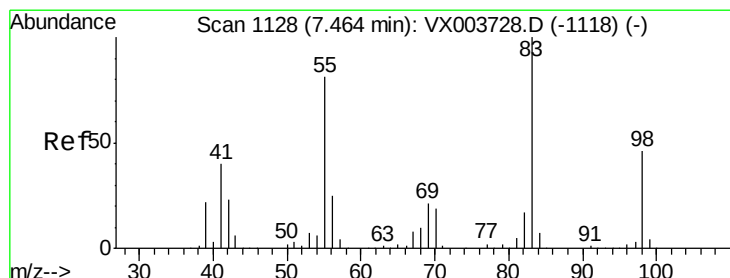
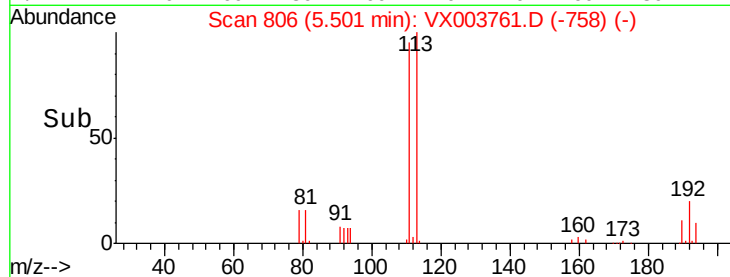
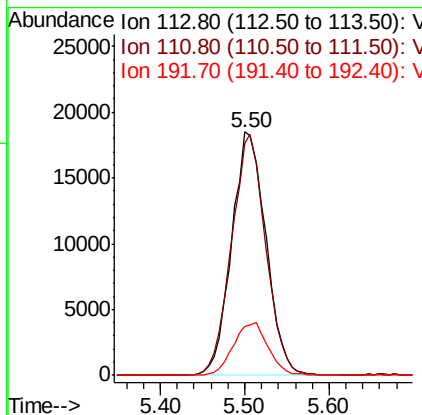
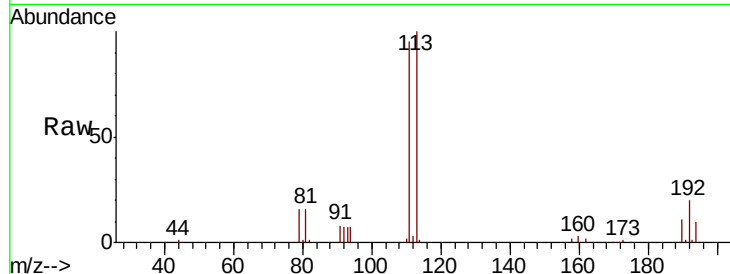
ClientSampleId :

SB-11(3-5)

Tot Ion:	113	Resp:	50894
Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.8	122.6
192	21.9	18.8	28.2

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#39

Methylcyclohexane

Concen: 1.28 ug/l

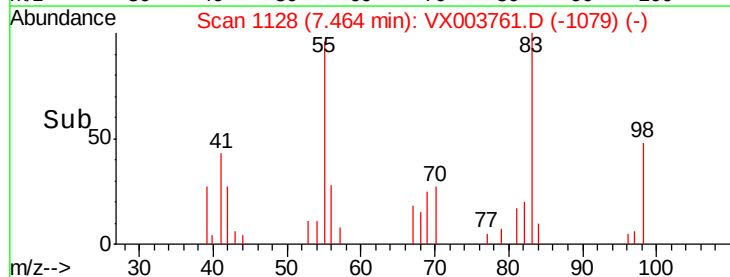
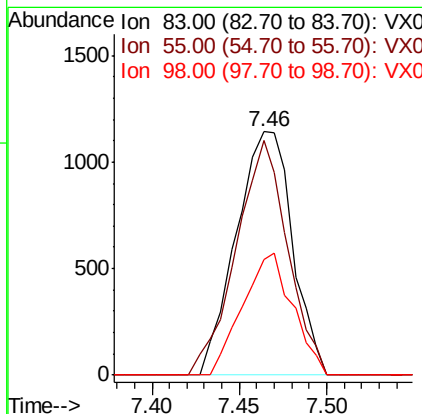
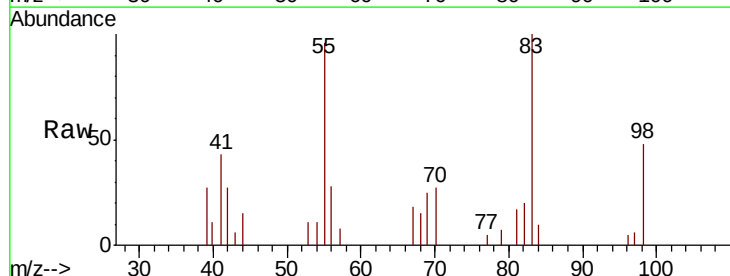
RT: 7.46 min Scan# 1128

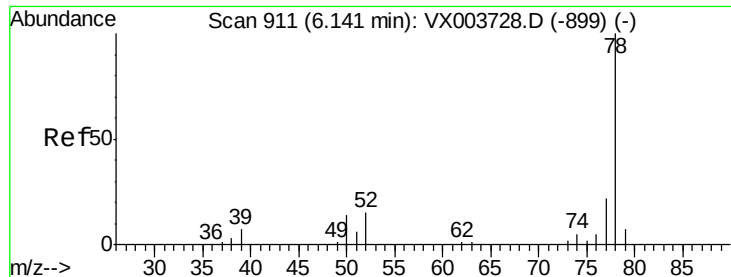
Delta R.T. -0.00 min

Lab File: VX003761.D

Acq: 31 Jul 2018 19:56

Tgt Ion:	83	Resp:	2555
Ion	Ratio	Lower	Upper
83	100		
55	96.3	65.0	97.6
98	47.7	37.1	55.7





#40

Benzene

Concen: 20.66 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003761.D

Acq: 31 Jul 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

SB-11(3-5)

Tot Ion: 78 Resp: 95950

Ion Ratio Lower Upper

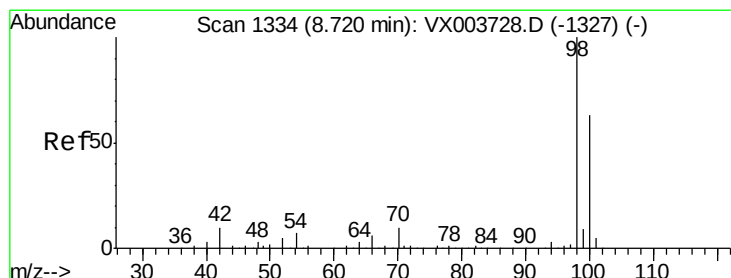
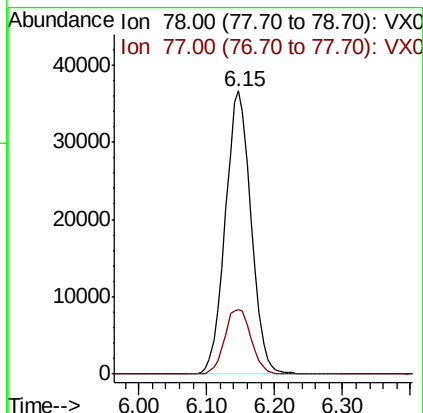
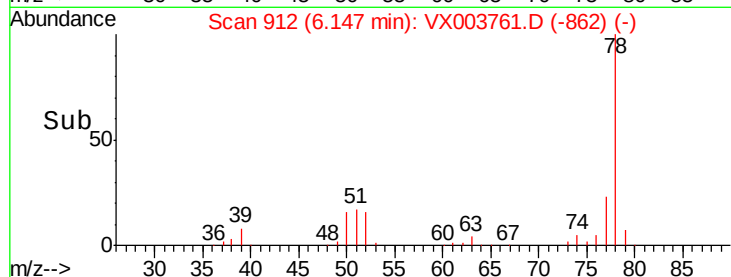
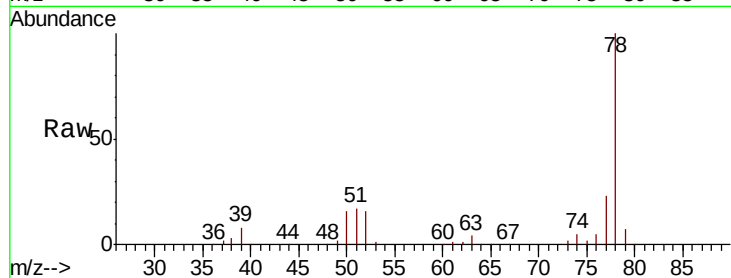
78 100

77 22.6 17.9 26.9

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#50

Toluene-d8

Concen: 43.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003761.D

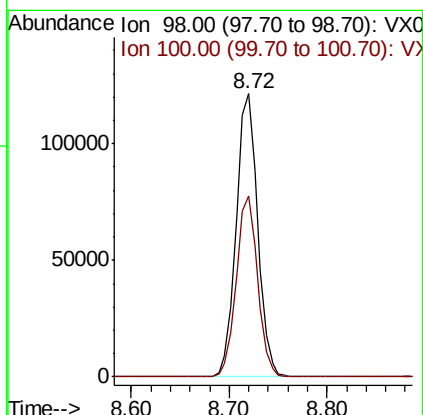
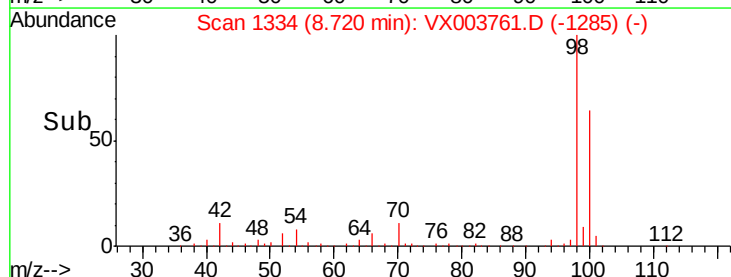
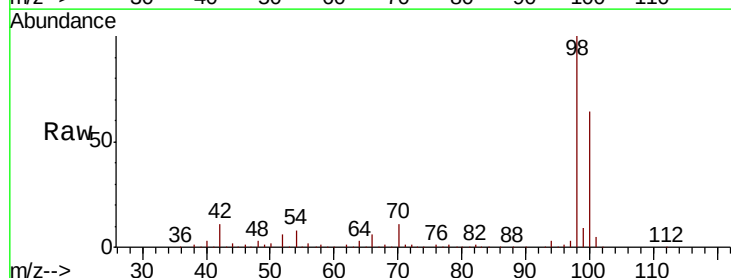
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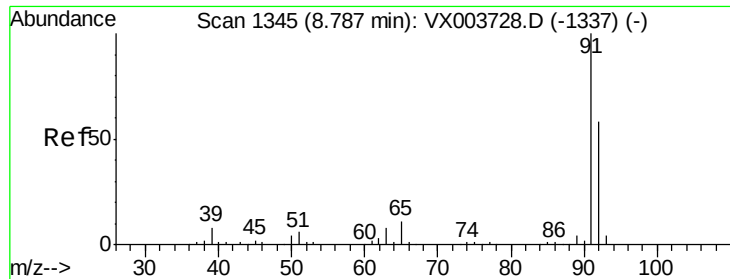
Tgt Ion: 98 Resp: 185343

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.0





#52

Toluene

Concen: 29.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003761.D

Acq: 31 Jul 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

SB-11(3-5)

Tot Ion: 92 Resp: 85153

Ion Ratio Lower Upper

92 100

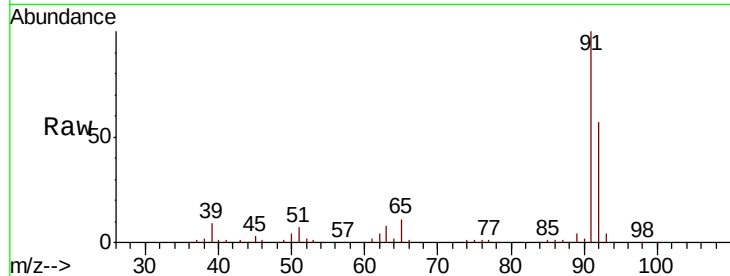
91 174.2 139.4 209.2

Manual Integrations

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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

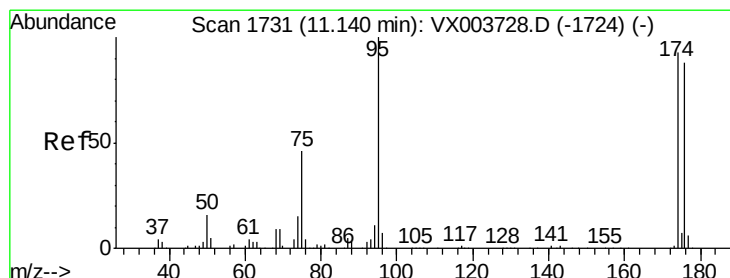
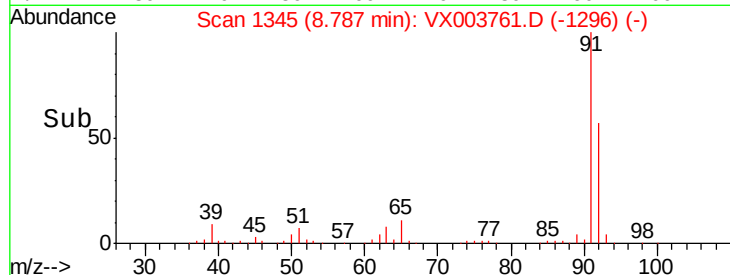
40000

20000

0

8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 36.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003761.D

Acq: 31 Jul 2018 19:56

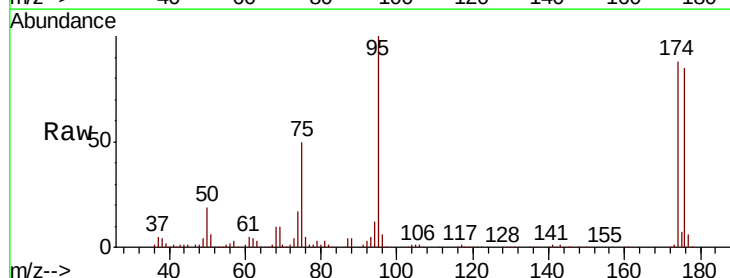
Tgt Ion: 95 Resp: 56551

Ion Ratio Lower Upper

95 100

174 88.1 0.0 186.2

176 85.3 0.0 179.2



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

60000

50000

40000

30000

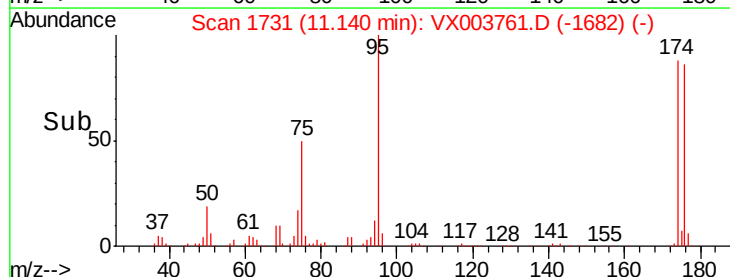
20000

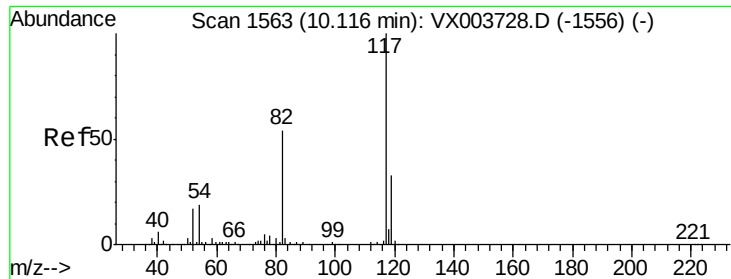
10000

0

11.10 11.20

Time-->





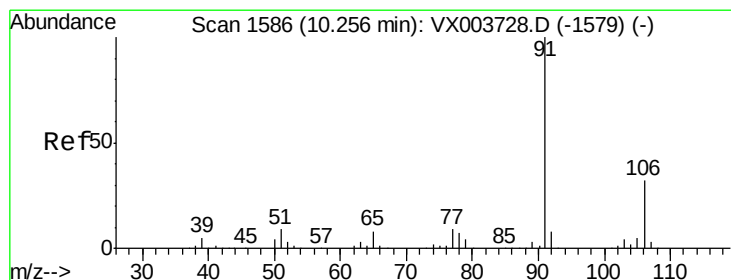
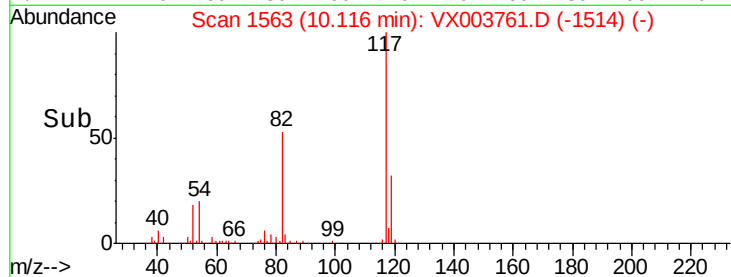
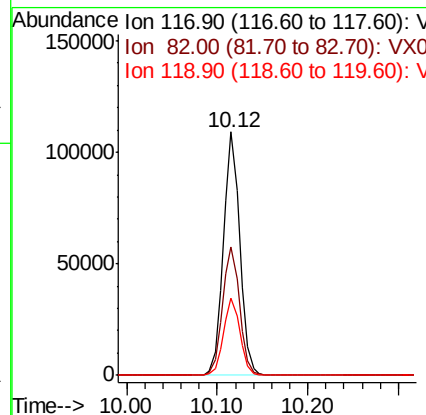
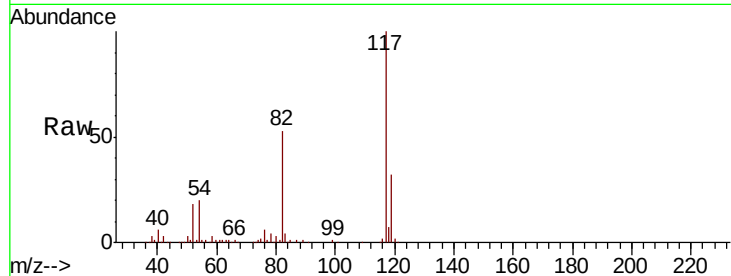
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003761.D
Acq: 31 Jul 2018 19:56

Instrument :
MSVOA_X
ClientSampled :
SB-11(3-5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.2	64.8
119	31.6	26.3	39.5

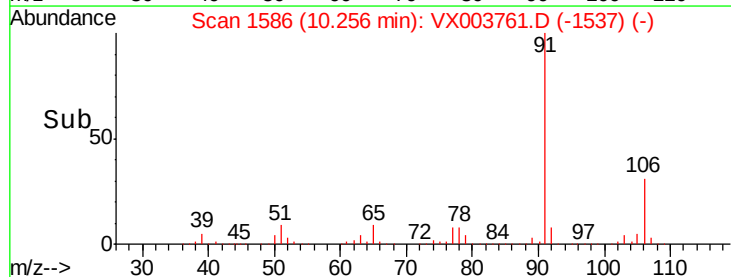
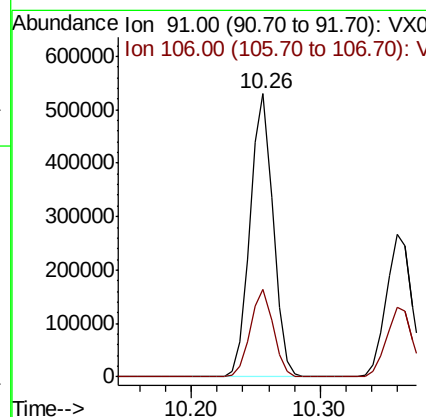
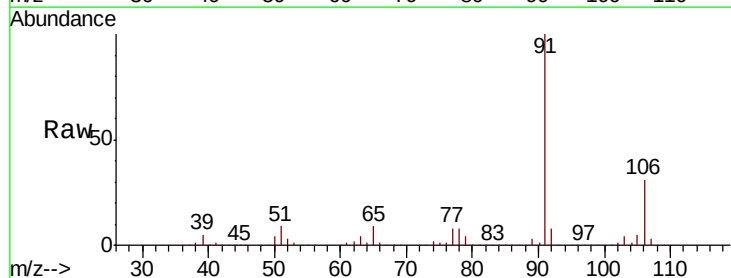
Manual Integrations
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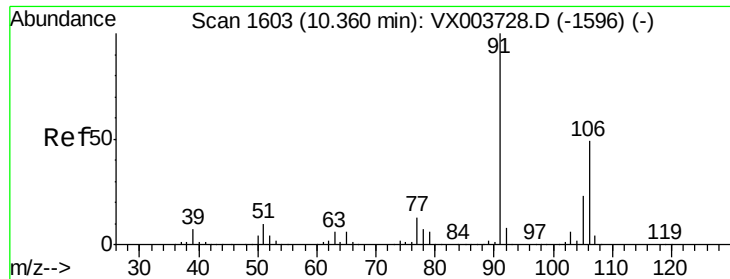
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#67
Ethyl Benzene
Concen: 133.13 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003761.D
Acq: 31 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.4	38.2





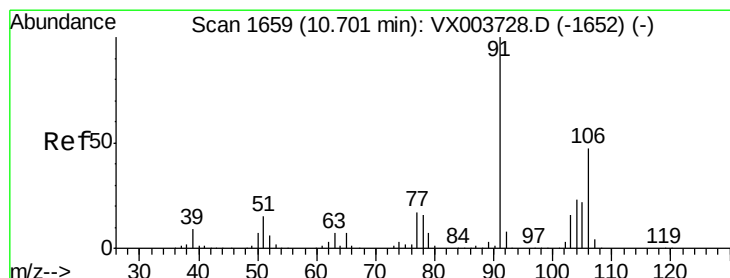
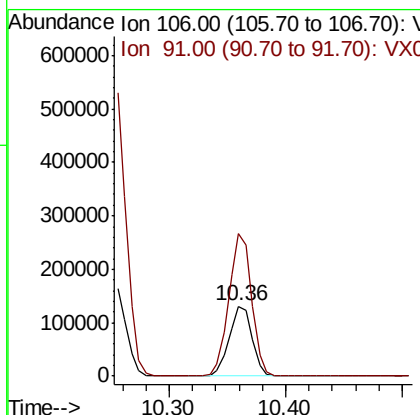
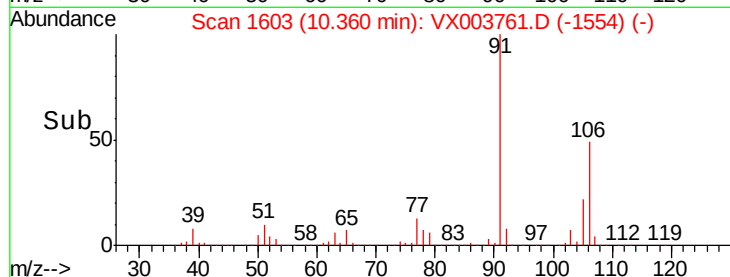
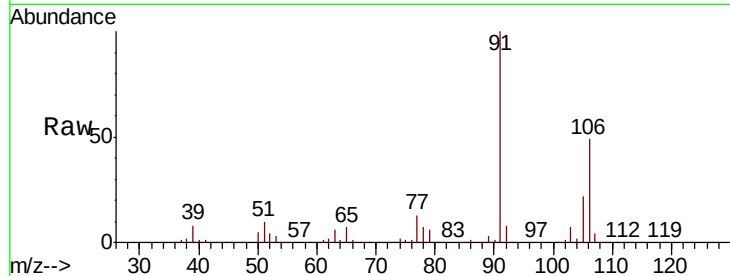
#68
m/p-Xylenes
Concen: 93.47 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003761.D
Acq: 31 Jul 2018 19:56

Instrument :
MSVOA_X
ClientSampled :
SB-11(3-5)

Tot Ion:106 Resp: 178167
Ion Ratio Lower Upper
106 100
91 203.7 159.8 239.8

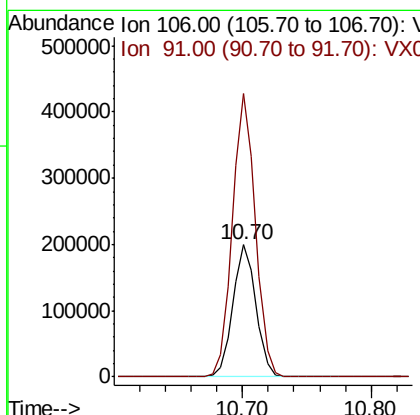
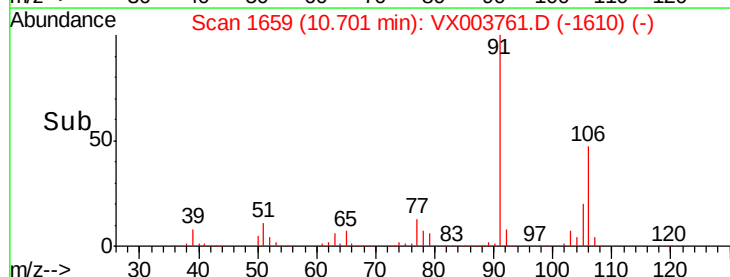
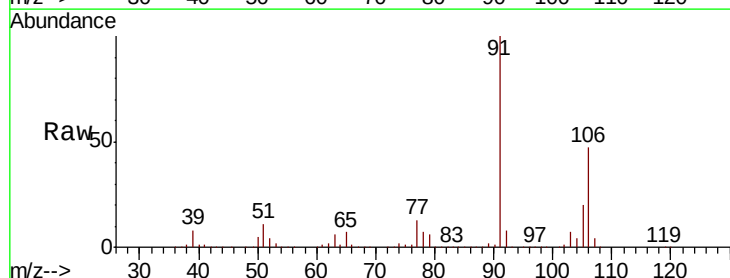
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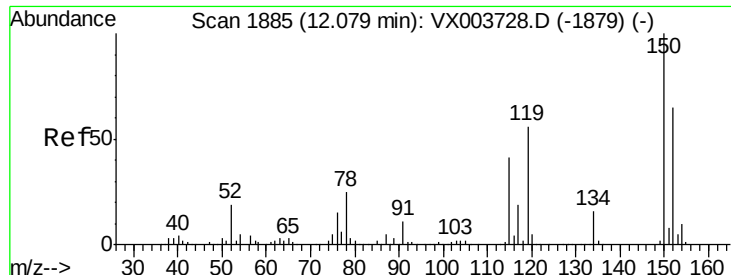
apatel
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#69
o-Xylene
Concen: 140.87 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003761.D
Acq: 31 Jul 2018 19:56

Tgt Ion:106 Resp: 249332
Ion Ratio Lower Upper
106 100
91 213.3 105.6 316.8





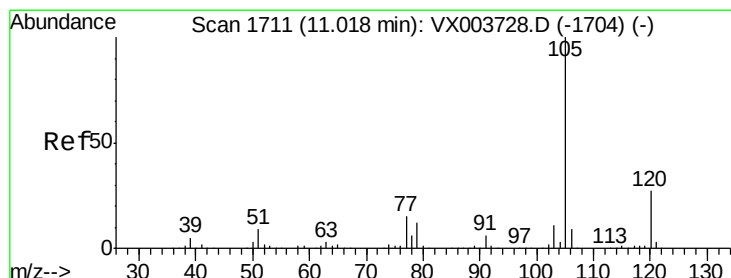
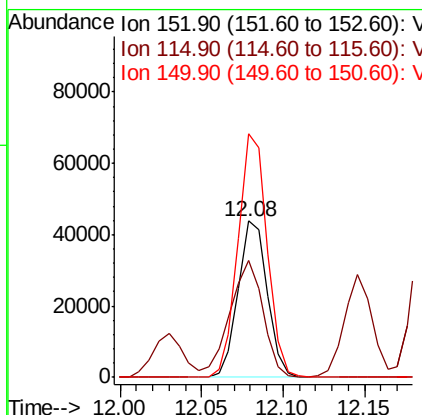
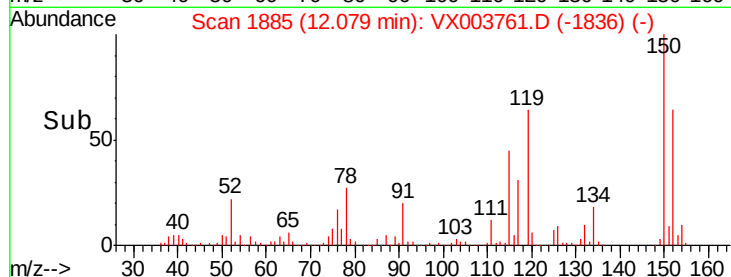
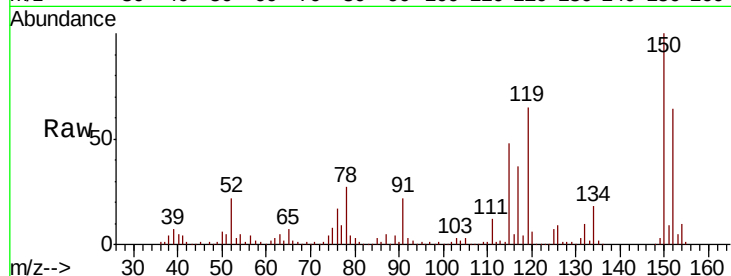
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX003761.D
 Acq: 31 Jul 2018 19:56

Instrument :
 MSVOA_X
 ClientSampled :
 SB-11(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	84.3	38.5	115.3
150	155.4	0.0	346.2

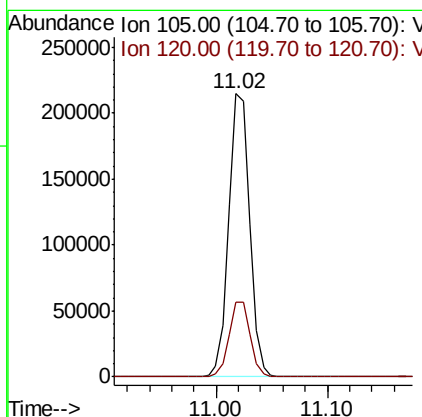
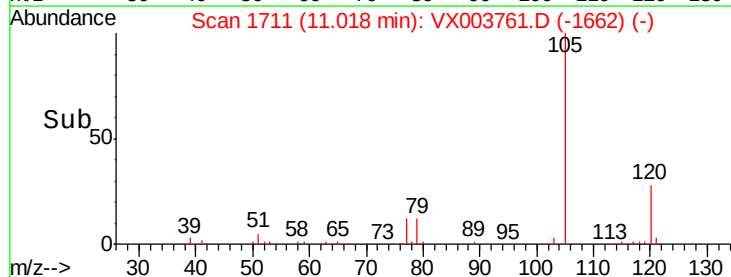
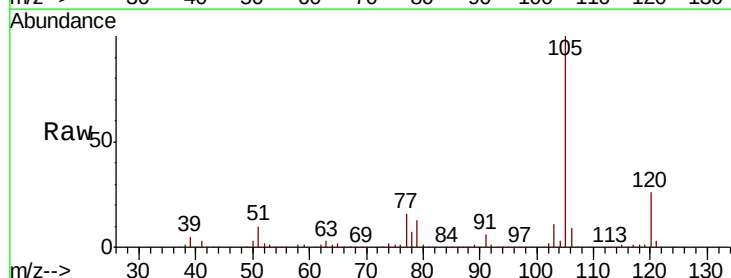
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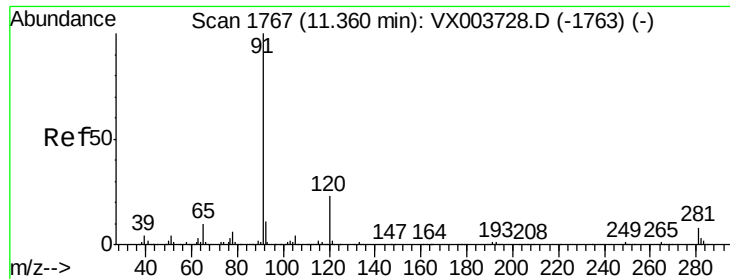
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#73
 Isopropylbenzene
 Concen: 81.76 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VX003761.D
 Acq: 31 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.5	40.5





#78

n-propylbenzene

Concen: 33.97 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003761.D

Acq: 31 Jul 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

SB-11(3-5)

Tot Ion: 91 Resp: 141152

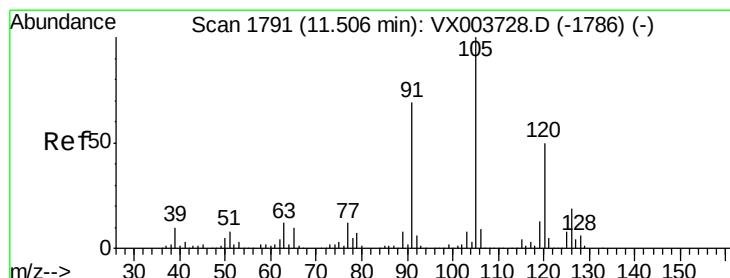
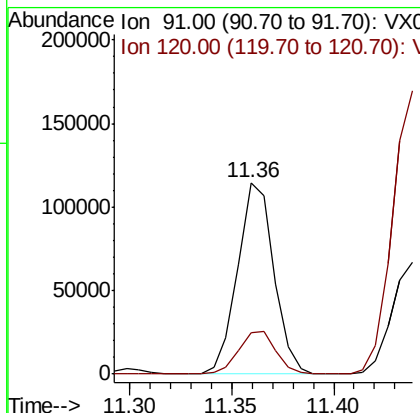
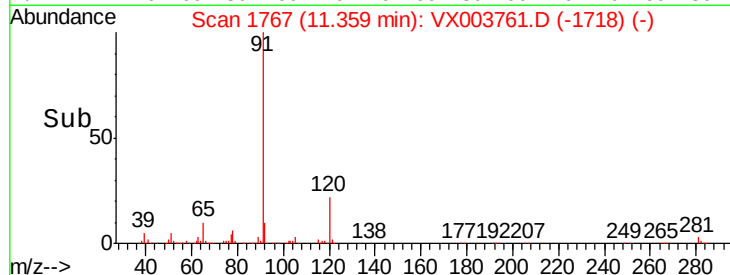
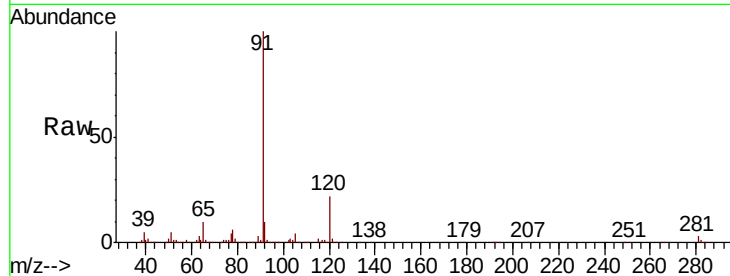
Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5

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#80

1,3,5-Trimethylbenzene

Concen: 136.80 ug/l m

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX003761.D

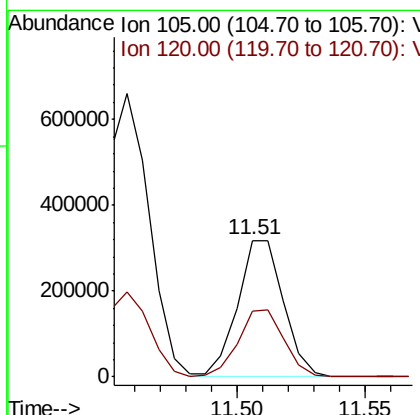
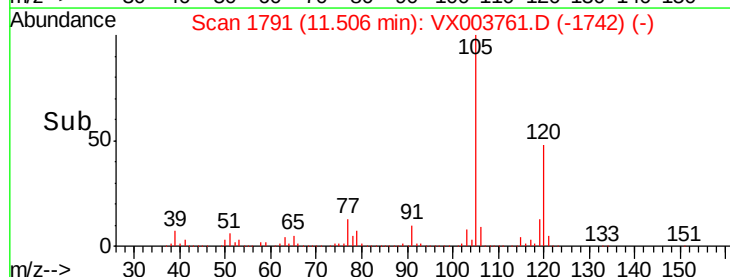
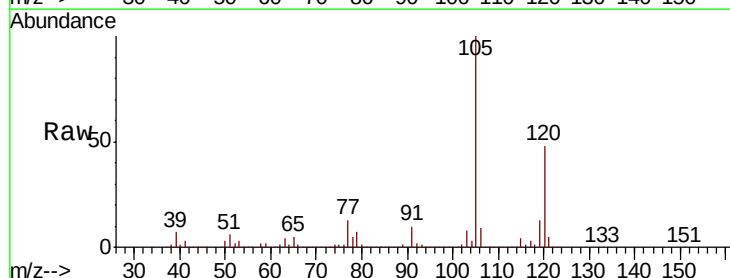
Acq: 31 Jul 2018 19:56

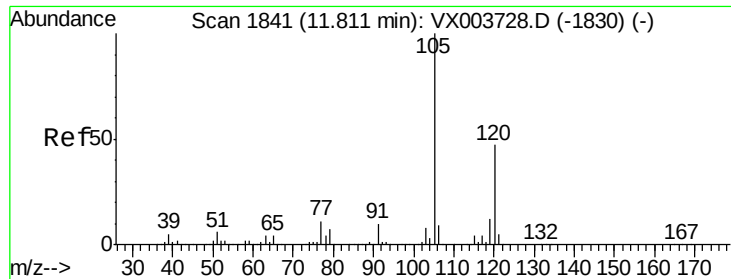
Tgt Ion: 105 Resp: 400444

Ion Ratio Lower Upper

105 100

120 103.4 15.8 47.4#





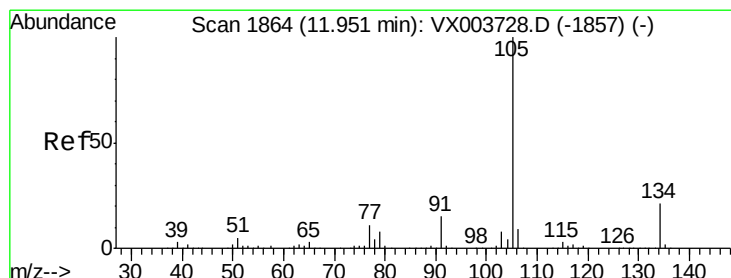
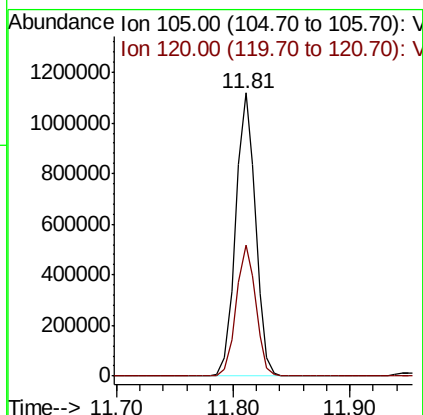
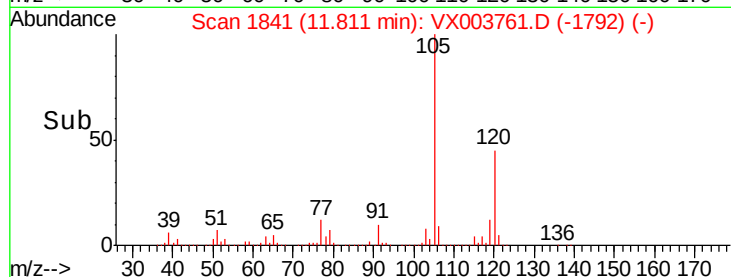
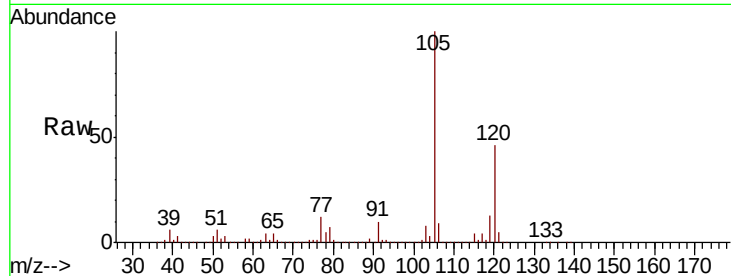
#84
 1,2,4-Trimethylbenzene
 Concen: 439.83 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003761.D
 Acq: 31 Jul 2018 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(3-5)

Tot Ion:105 Resp: 1325197
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2

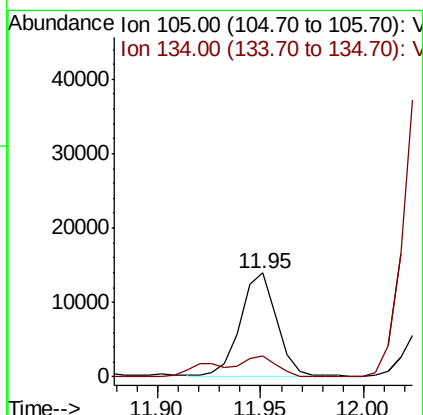
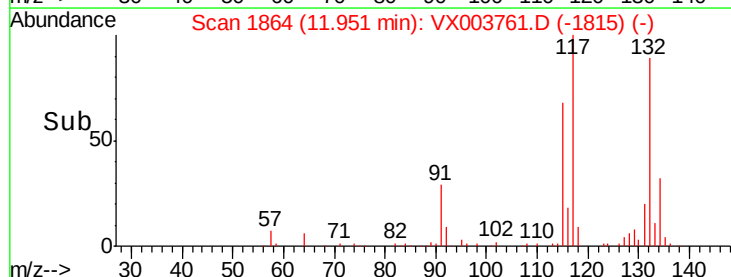
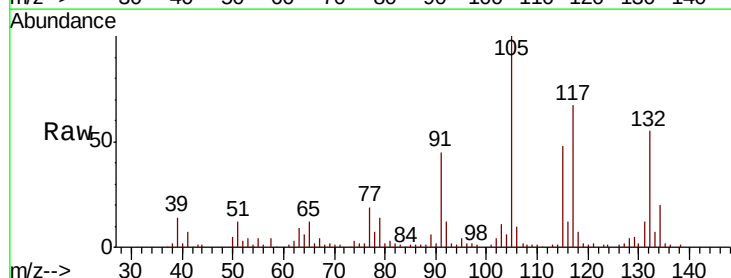
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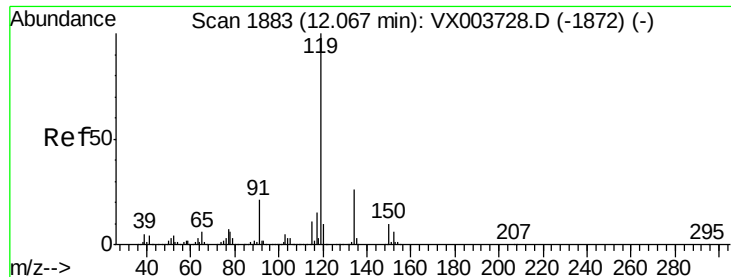
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#85
 sec-Butylbenzene
 Concen: 4.75 ug/l m
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003761.D
 Acq: 31 Jul 2018 19:56

Tgt Ion:105 Resp: 17586
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#





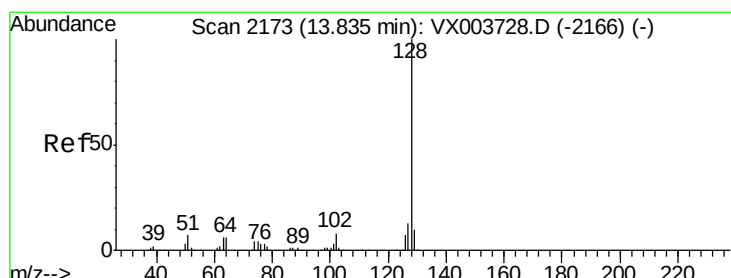
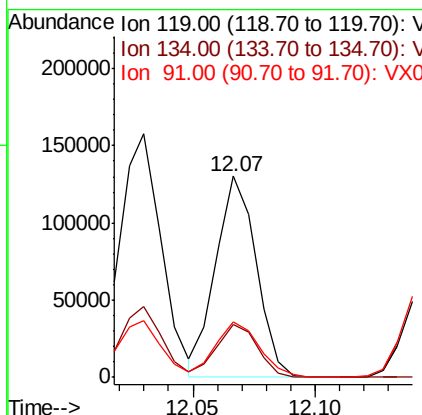
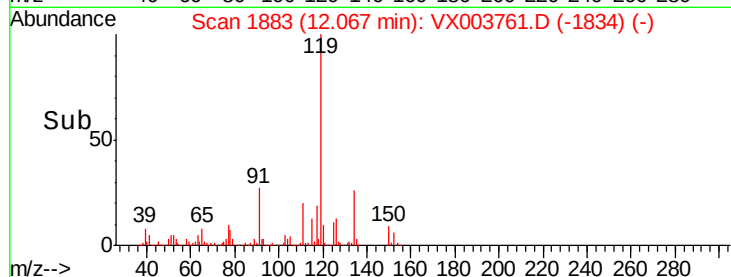
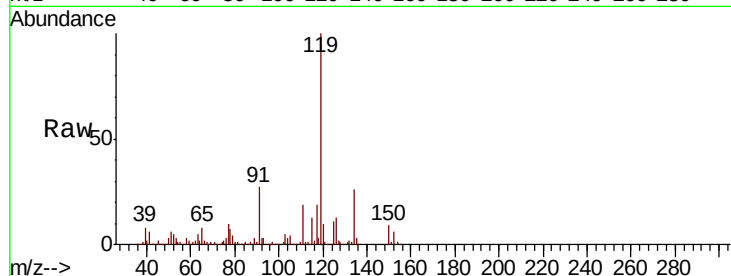
#86
 p-Isopropyltoluene
 Concen: 44.47 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003761.D
 Acq: 31 Jul 2018 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(3-5)

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	10.1	30.1
91	29.1	23.6	70.8

Manual Integrations
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#95
 Naphthalene
 Concen: 4459.03 ug/l
 RT: 13.85 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: VX003761.D
 Acq: 31 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.2	15.2#
129	15.1	8.7	13.1#

