

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091418\
 Data File : VX004542.D
 Acq On : 14 Sep 2018 16:14
 Operator : JC/MD
 Sample : J4898-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILL

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:33:06 PM

Quant Time: Sep 17 08:59:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187763	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	5.50	113	167055	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
50) Toluene-d8	8.72	98	557810	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.14	95	212979	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
Target Compounds						
						Qvalue
16) Acetone	2.45	43	30990	17.44	ug/l	95
17) Carbon Disulfide	2.57	76	8045	0.94	ug/l	98
18) Methyl Acetate	2.78	43	6193	1.24	ug/l	99
20) Methylene Chloride	2.85	84	969102	265.79	ug/l	97
25) 2-Butanone	4.70	43	7818	2.76	ug/l #	87
30) Chloroform	5.22	83	6266	1.04	ug/l	96
31) Cyclohexane	5.57	56	1764	0.33	ug/l	97
39) Methylcyclohexane	7.46	83	2927	0.59	ug/l	88
40) Benzene	6.14	78	3219725	226.37	ug/l	95
43) Isopropyl Acetate	6.46	43	174278	24.07	ug/l	98
52) Toluene	8.79	92	4160363	496.46	ug/l	98
65) Chlorobenzene	10.14	112	2192	0.24	ug/l	99
67) Ethyl Benzene	10.26	91	2763612	182.90	ug/l	99
68) m/p-Xylenes	10.36	106	3097367	532.15	ug/l	98
69) o-Xylene	10.70	106	1359702	242.99	ug/l	100
73) Isopropylbenzene	11.02	105	235483	15.88	ug/l	100
78) n-propylbenzene	11.36	91	36790	2.16	ug/l #	51
80) 1,3,5-Trimethylbenzene	11.51	105	833645	66.89	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	2155069	169.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	51668	3.87	ug/l	92
95) Naphthalene	13.83	128	27966511m	1819.75	ug/l	

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

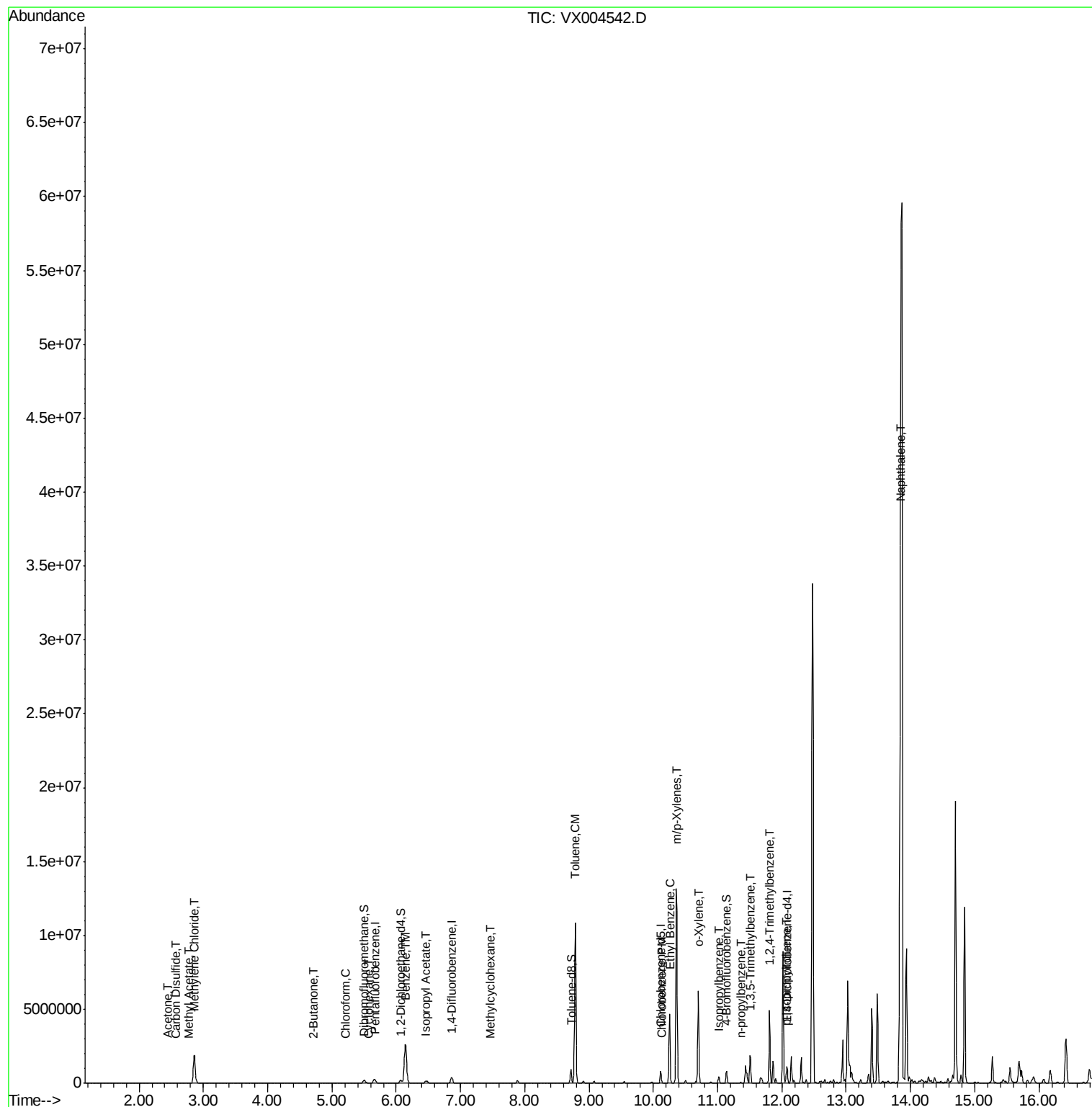
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004542.D
Acq On : 14 Sep 2018 16:14
Operator : JC/MD
Sample : J4898-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

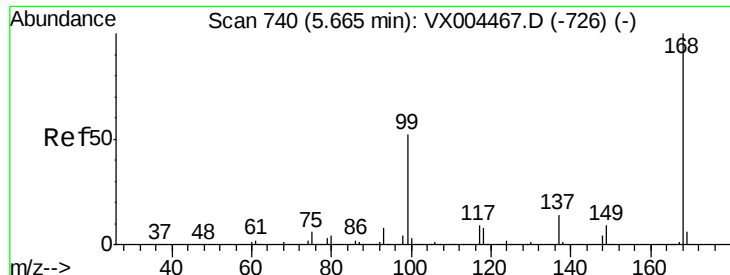
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Manual Integrations
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Quant Time: Sep 17 08:59:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004542.D

Acq: 14 Sep 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILL

Tot Ion:168 Resp: 282430

Ion Ratio Lower Upper

168 100

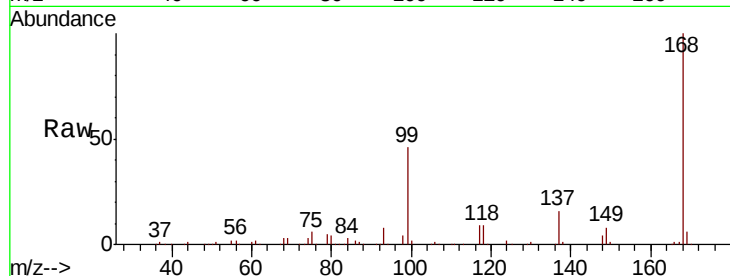
99 46.3 39.9 59.9

Manual Integrations

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9/17/2018 5:33:06 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

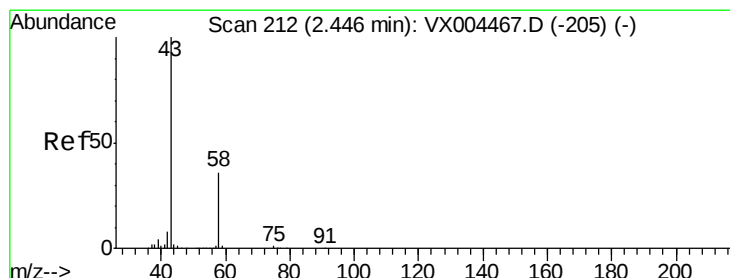
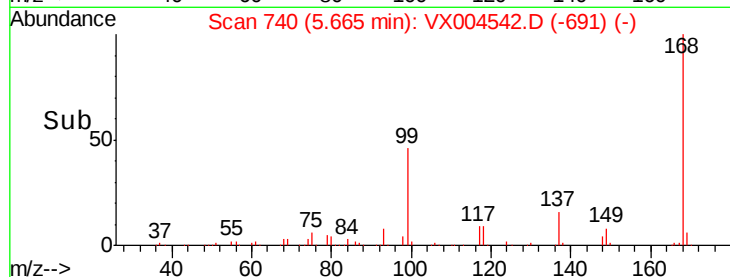
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 17.44 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004542.D

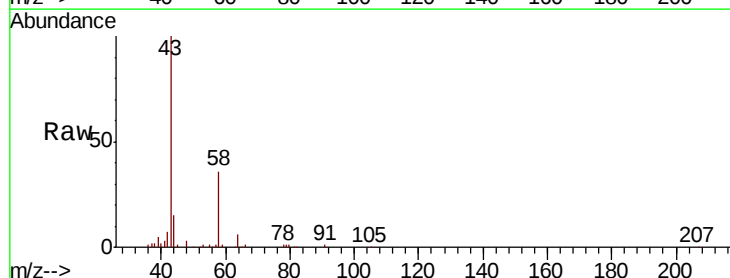
Acq: 14 Sep 2018 16:14

Tgt Ion: 43 Resp: 30990

Ion Ratio Lower Upper

43 100

58 35.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

10000

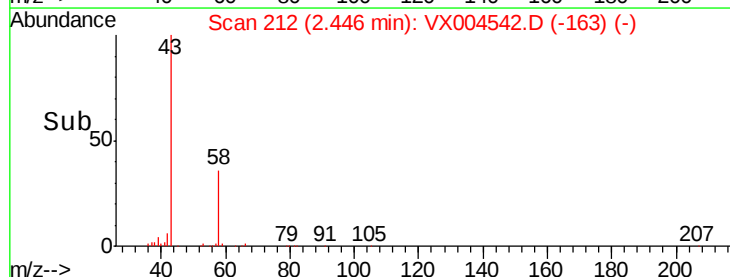
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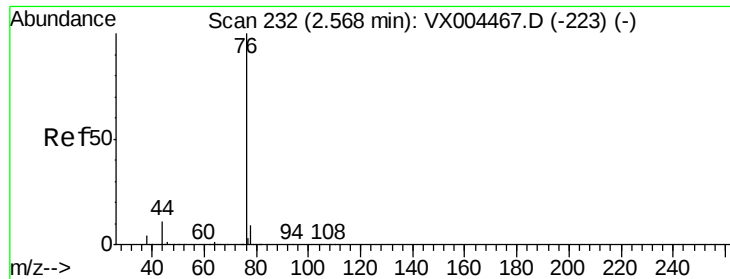
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2.45

2.30 2.40 2.50

Time-->





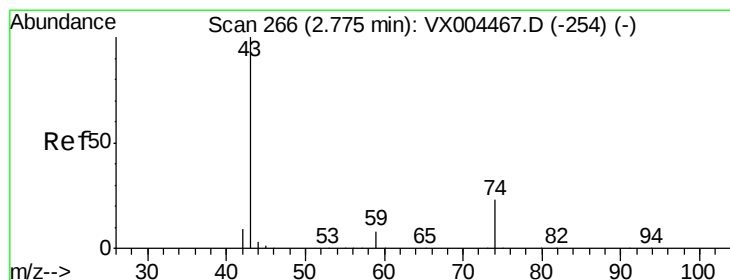
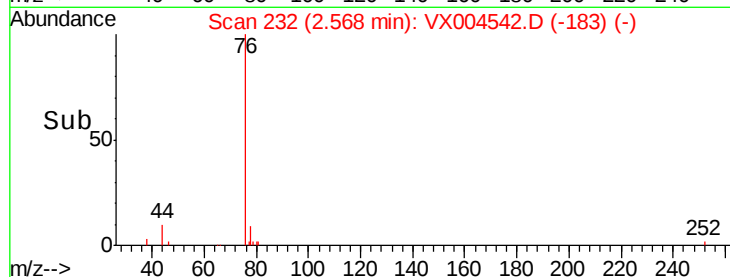
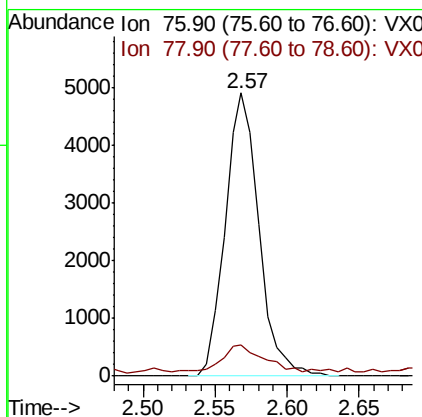
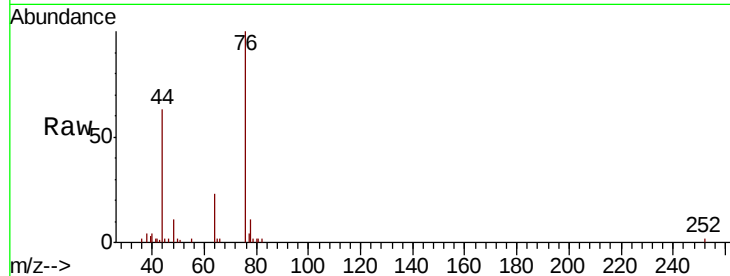
#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion: 76 Resp: 8045
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

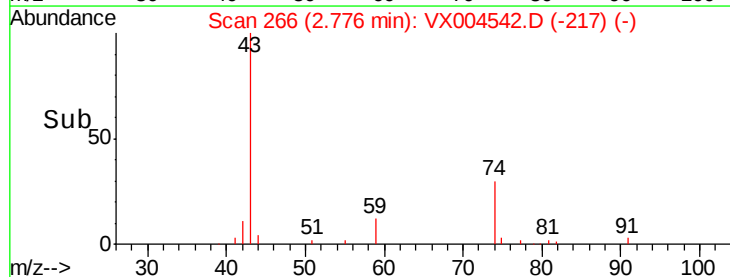
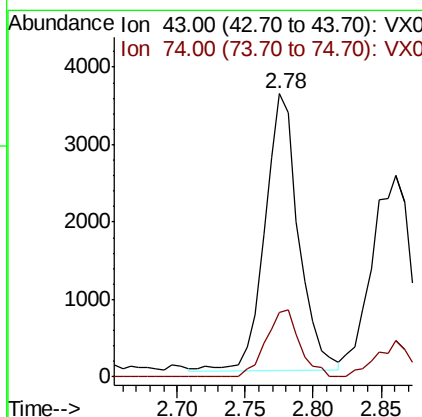
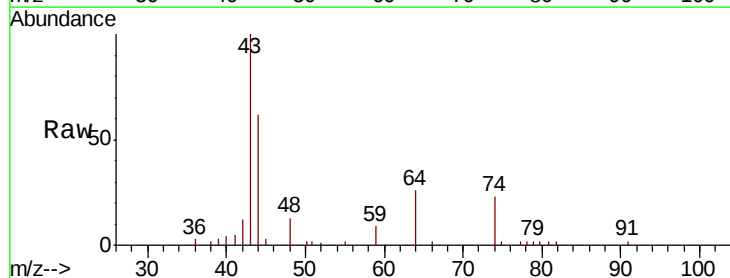
Manual Integrations
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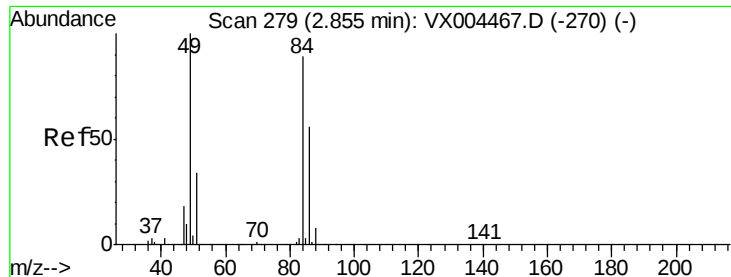
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#18
Methyl Acetate
Concen: 1.24 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion: 43 Resp: 6193
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2





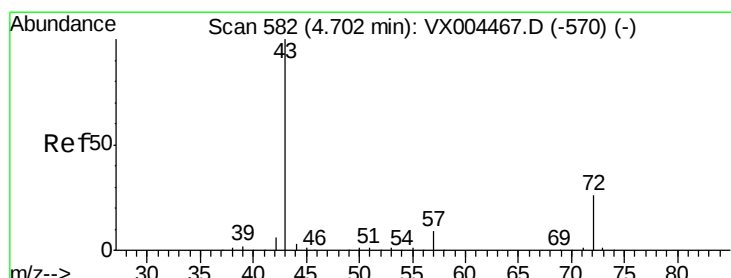
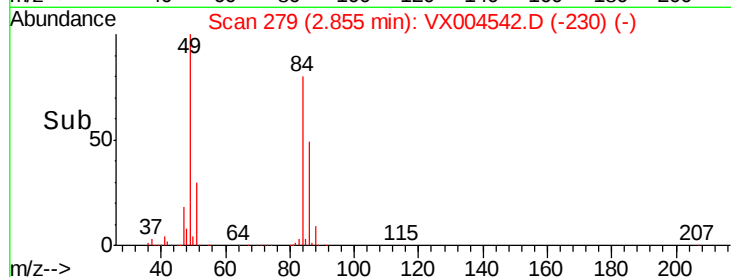
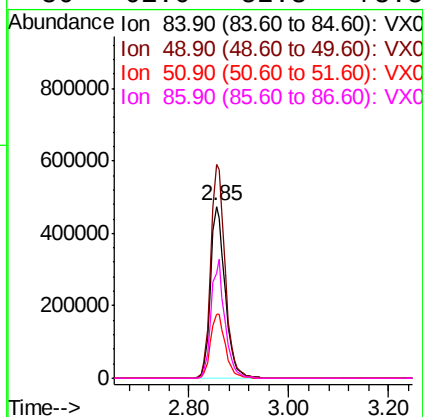
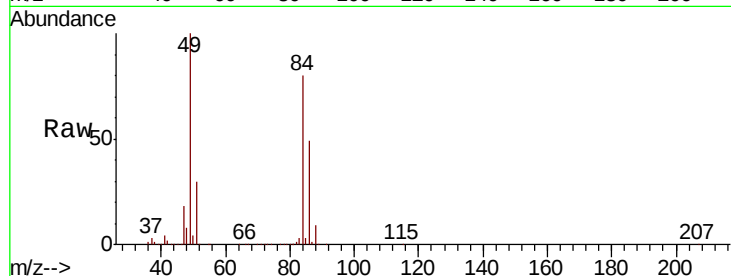
#20
Methvlene Chloride
Concen: 265.79 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion	Ratio	Lower	Upper
84	100		
49	124.4	101.2	151.8
51	37.6	29.5	44.3
86	61.0	52.3	78.5

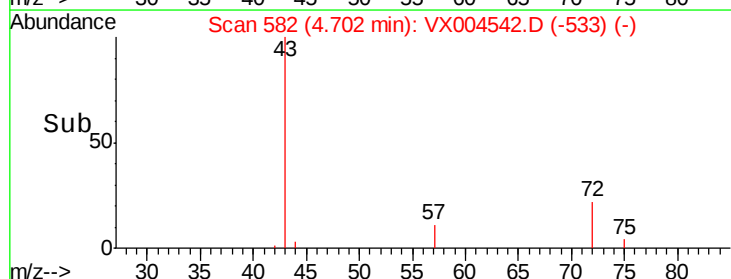
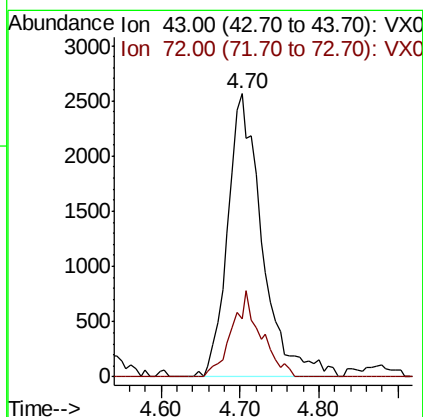
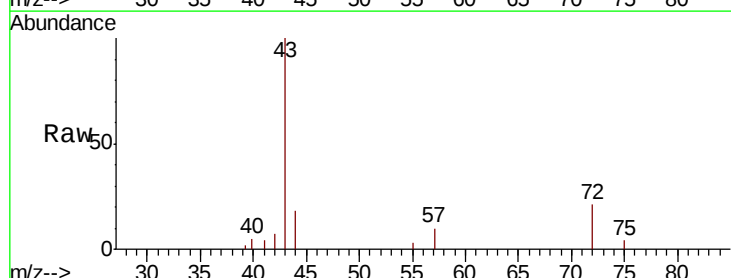
Manual Integrations
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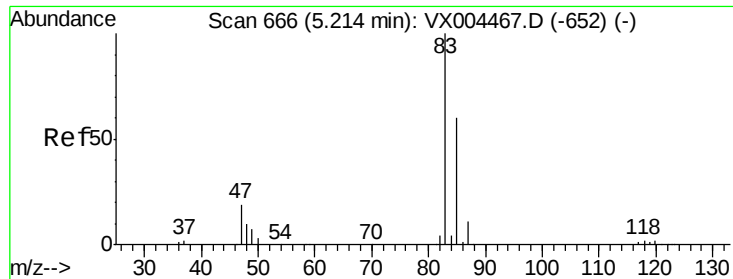
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#25
2-Butanone
Concen: 2.76 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.6	22.0	33.0#





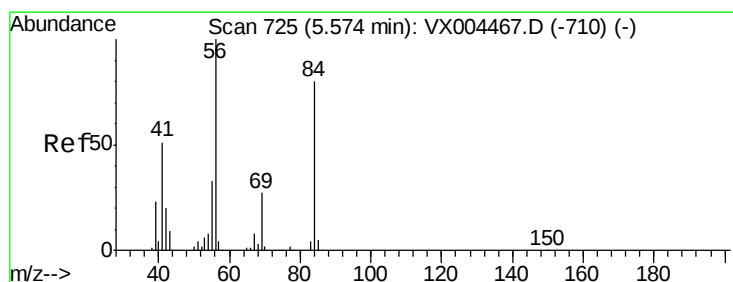
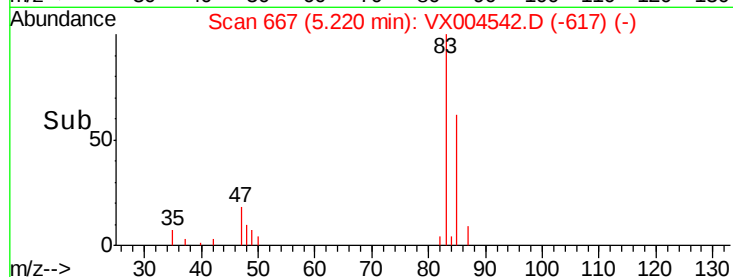
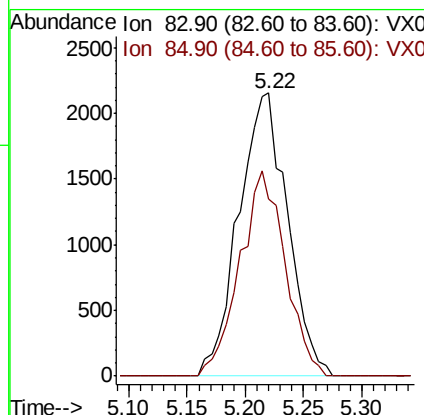
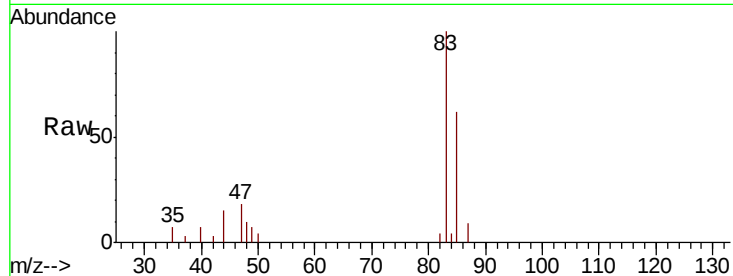
#30
Chloroform
Concen: 1.04 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion: 83 Resp: 6266
Ion Ratio Lower Upper
83 100
85 62.5 52.6 79.0

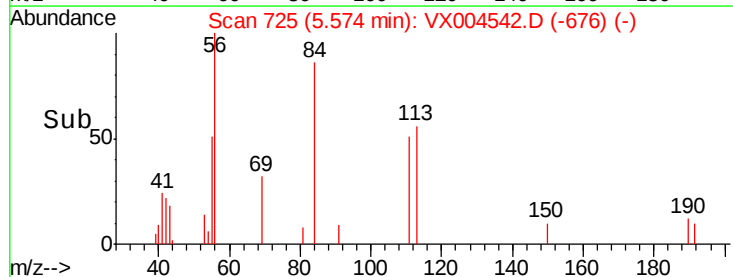
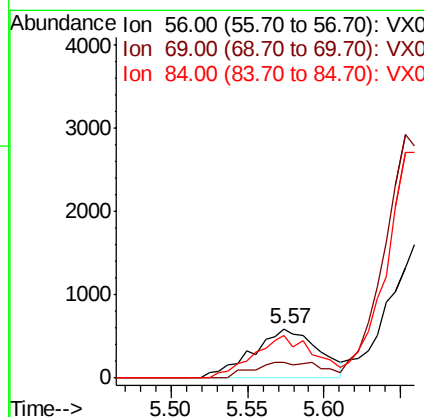
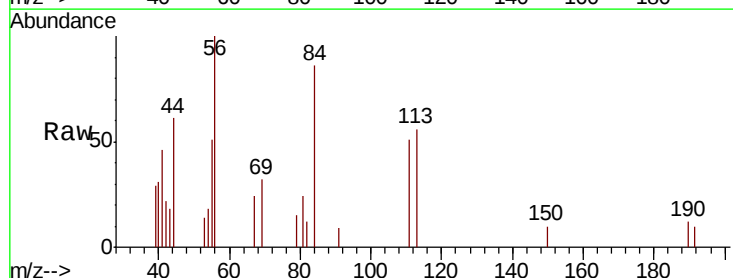
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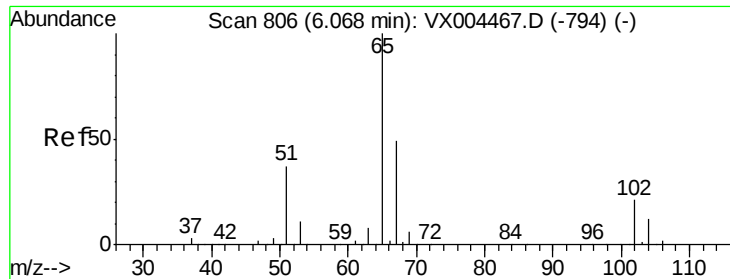
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#31
Cyclohexane
Concen: 0.33 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion: 56 Resp: 1764
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.2
84 85.7 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 51.56 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004542.D

Acq: 14 Sep 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILL

Tot Ion: 65 Resp: 187763

Ion Ratio Lower Upper

65 100

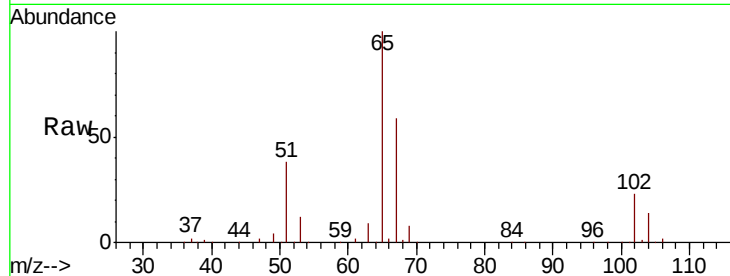
67 54.1 0.0 106.8

Manual Integrations

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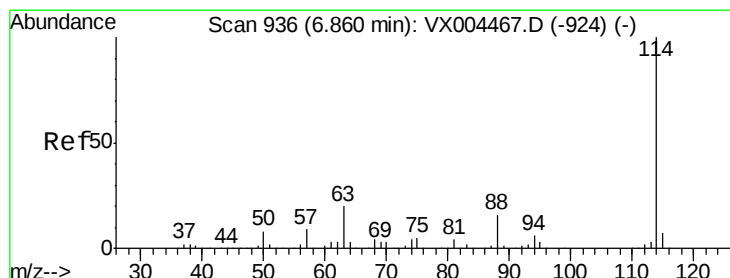
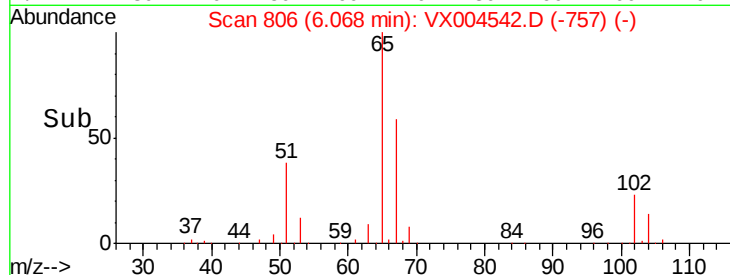
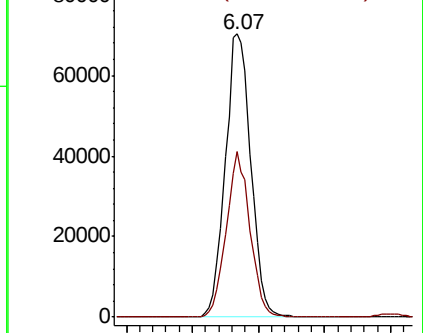
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004542.D

Acq: 14 Sep 2018 16:14

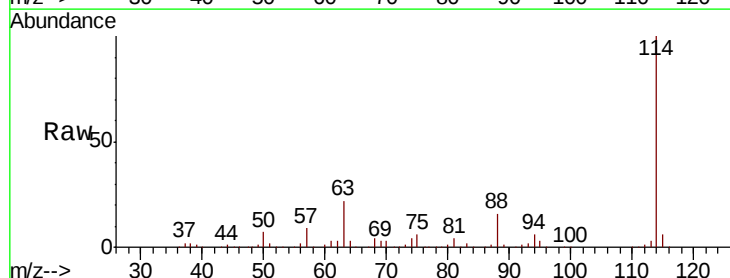
Tgt Ion: 114 Resp: 394859

Ion Ratio Lower Upper

114 100

63 22.4 0.0 39.0

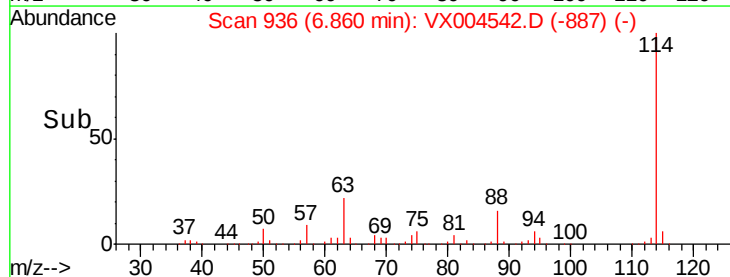
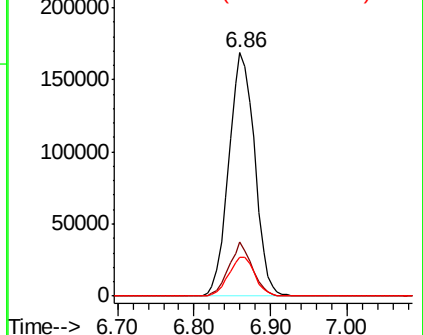
88 15.8 0.0 30.4

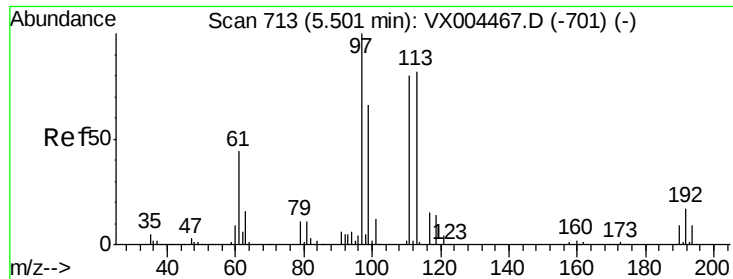


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





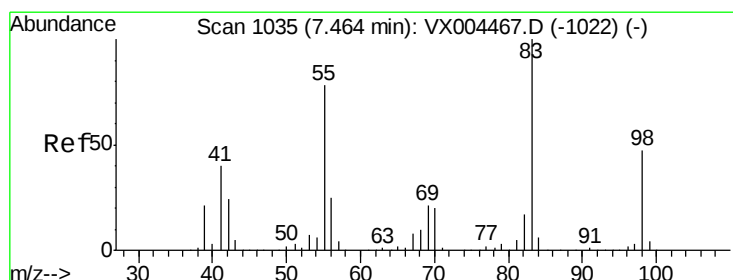
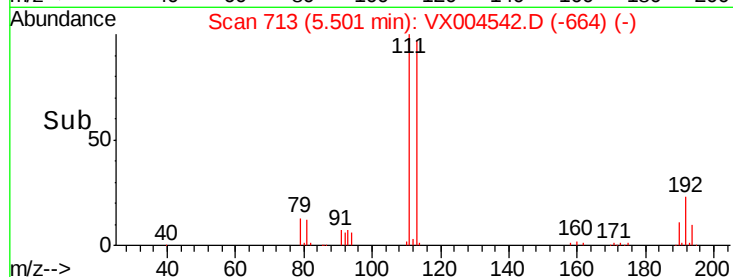
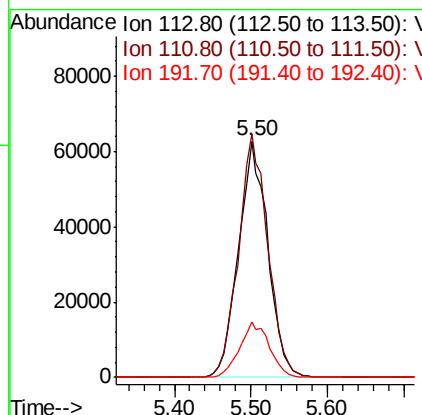
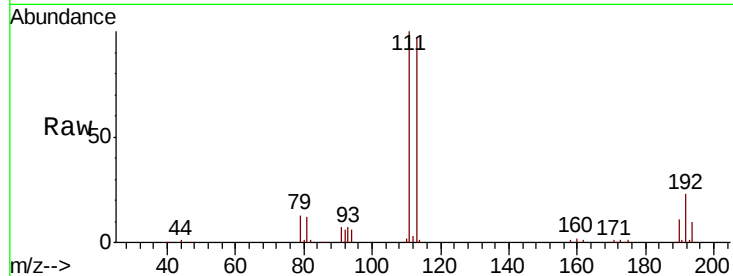
#35
Dibromofluoromethane
Concen: 46.23 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	23.7	19.4	29.2

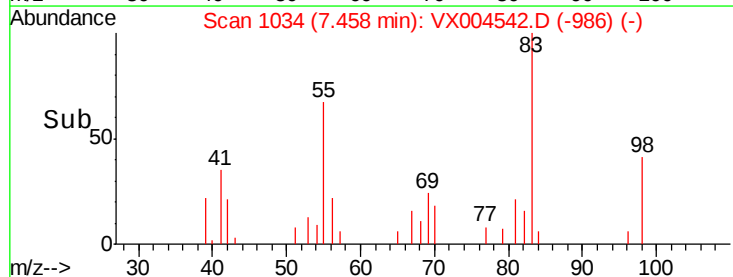
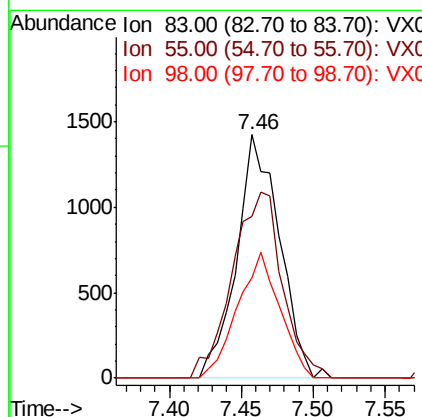
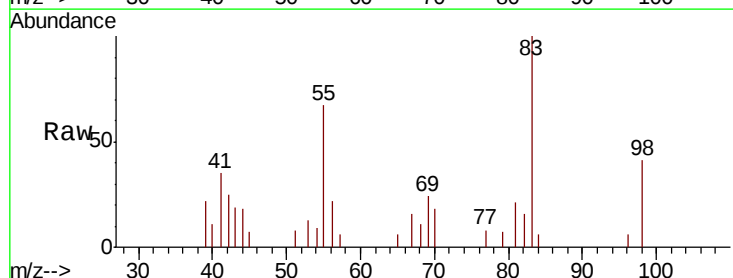
Manual Integrations
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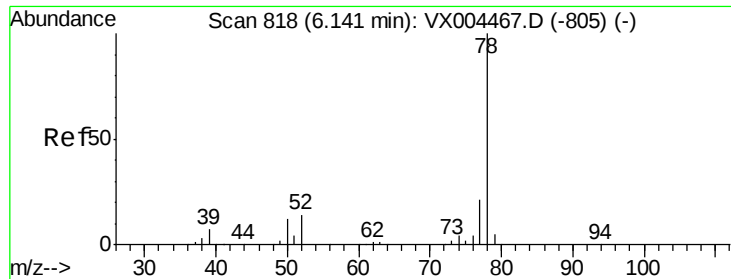
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#39
Methylcyclohexane
Concen: 0.59 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.7	61.0	91.4
98	41.1	39.6	59.4





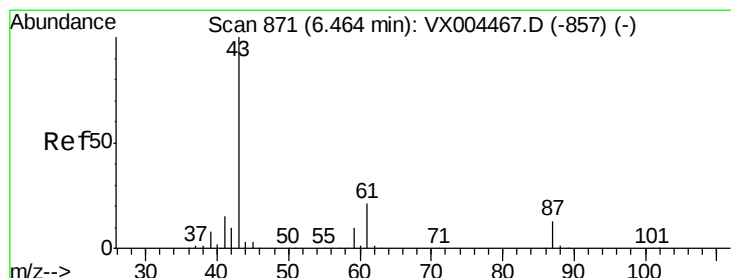
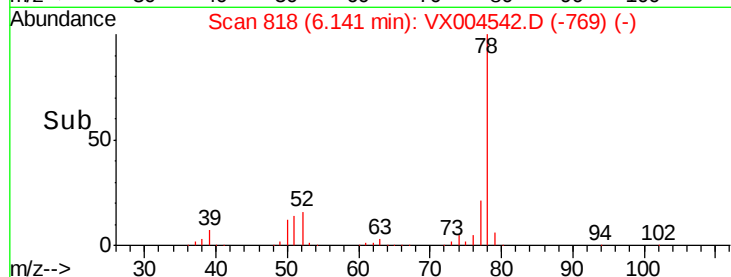
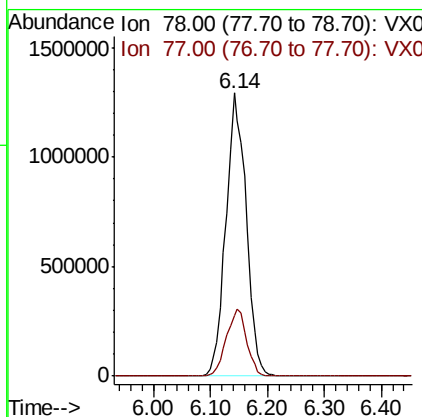
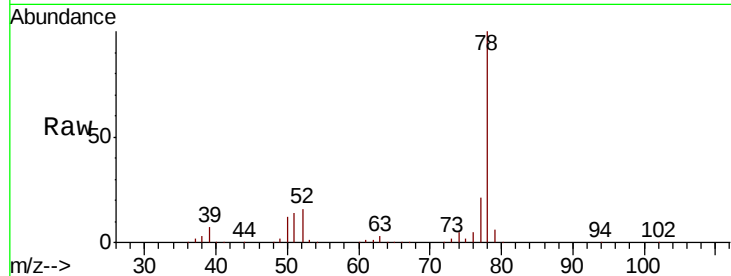
#40
Benzene
Concen: 226.37 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion: 78 Resp: 3219725
Ion Ratio Lower Upper
78 100
77 21.3 19.0 28.4

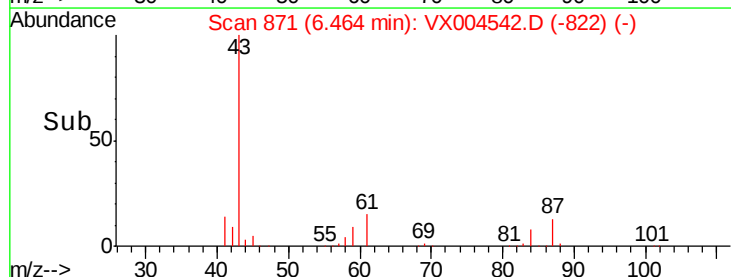
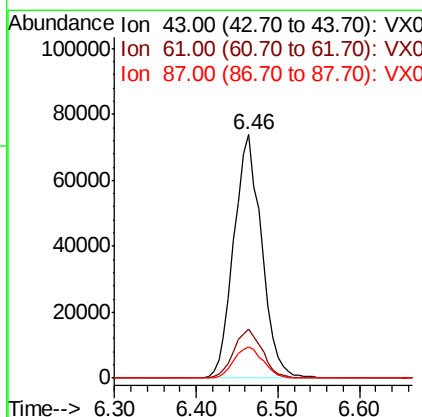
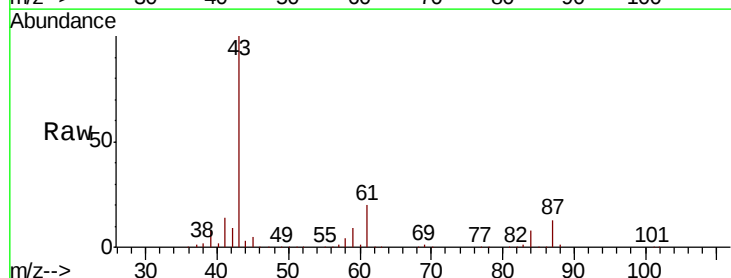
Manual Integrations
APPROVED

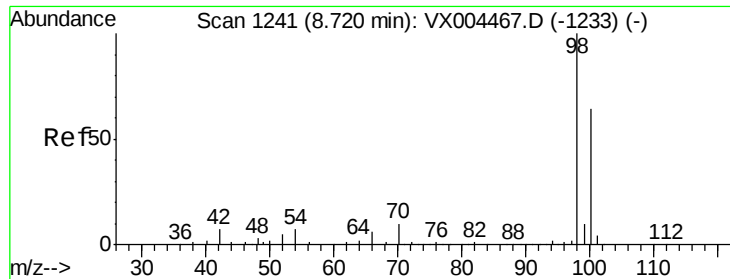
MMDadoda
9/17/2018 5:33:06 PM



#43
Isopropyl Acetate
Concen: 24.07 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion: 43 Resp: 174278
Ion Ratio Lower Upper
43 100
61 20.6 17.0 25.4
87 13.4 11.4 17.2





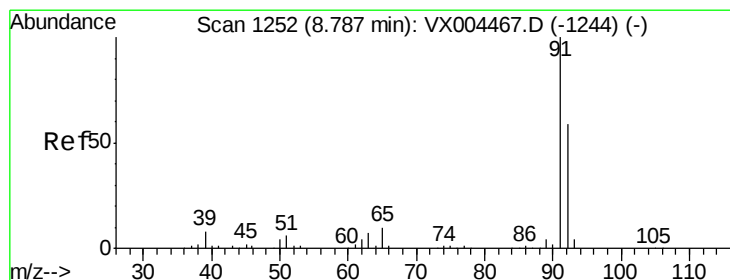
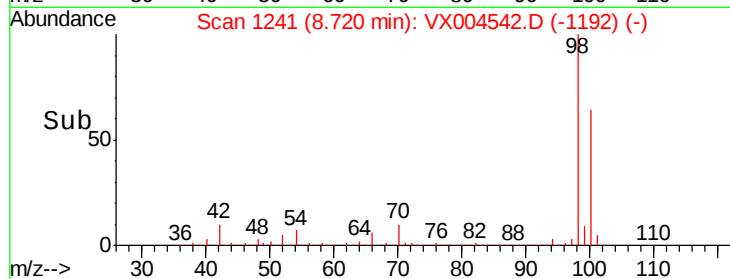
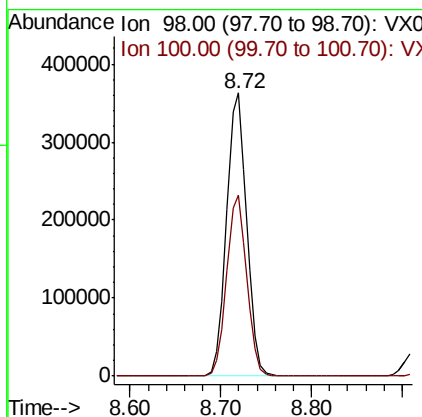
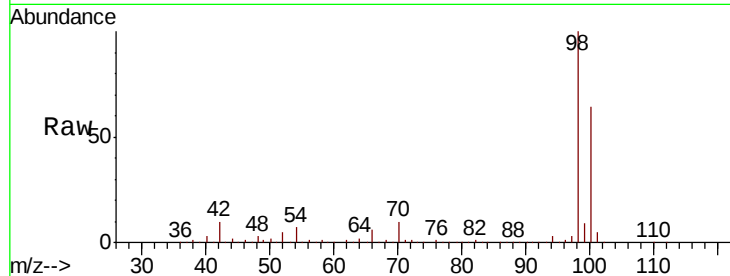
#50
Toluene-d8
Concen: 46.03 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion: 98 Resp: 557810
Ion Ratio Lower Upper
98 100
100 63.9 52.9 79.3

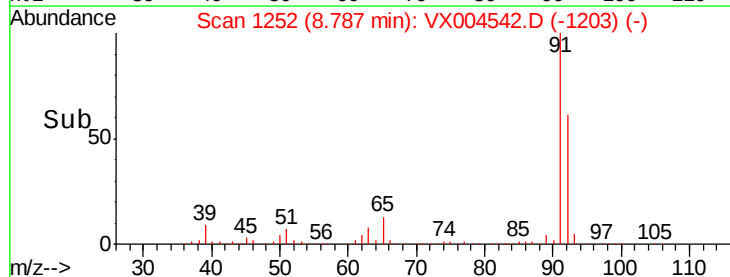
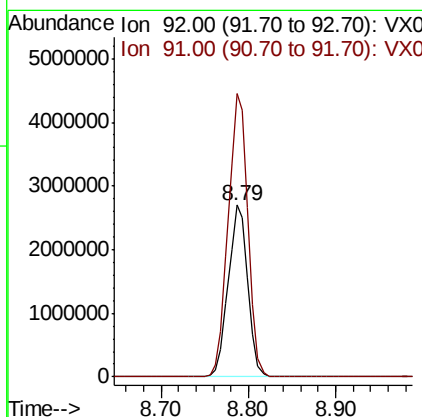
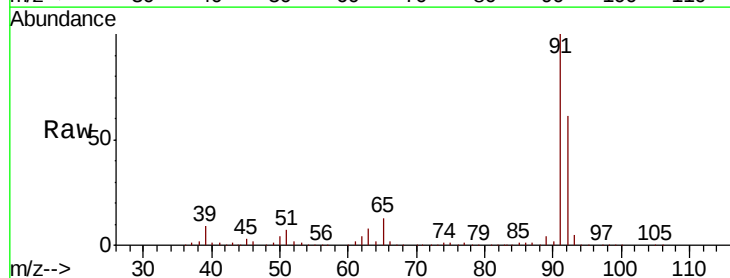
Manual Integrations
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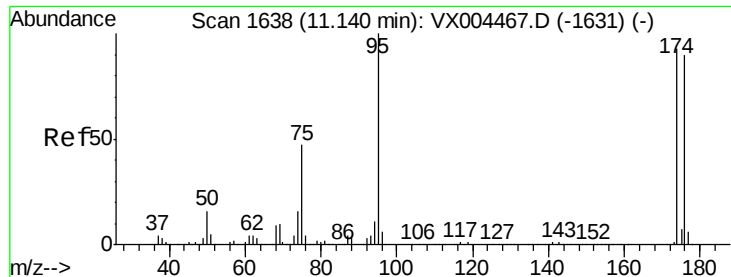
MMDadoda
9/17/2018 5:33:06 PM



#52
Toluene
Concen: 496.46 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion: 92 Resp: 4160363
Ion Ratio Lower Upper
92 100
91 167.4 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 49.24 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004542.D

Acq: 14 Sep 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILL

Tot Ion: 95 Resp: 212979

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.2

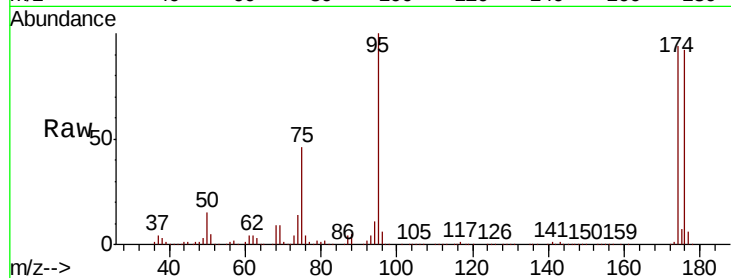
176 89.3 0.0 178.6

Manual Integrations

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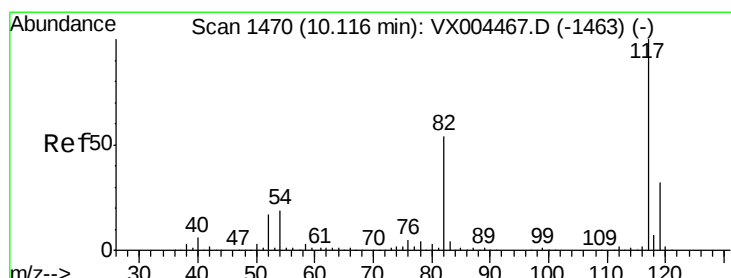
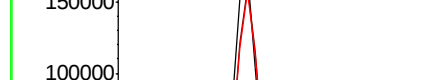
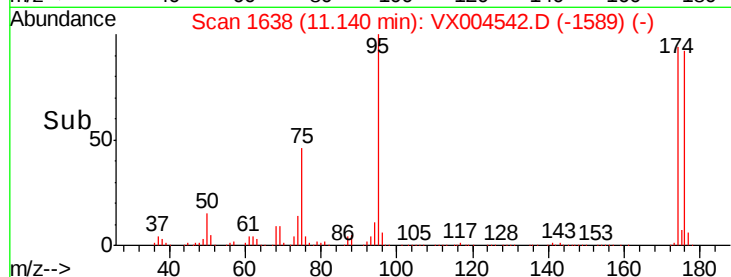


Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004542.D

Acq: 14 Sep 2018 16:14

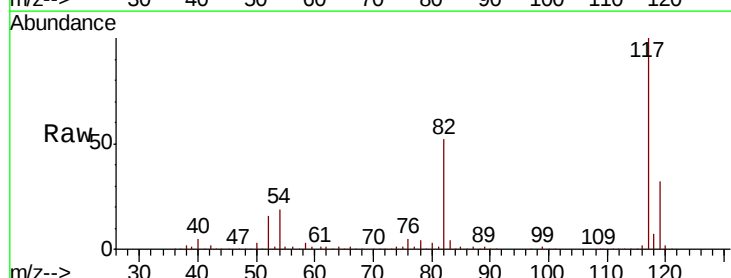
Tgt Ion: 117 Resp: 374115

Ion Ratio Lower Upper

117 100

82 52.5 47.8 71.6

119 32.1 29.3 43.9

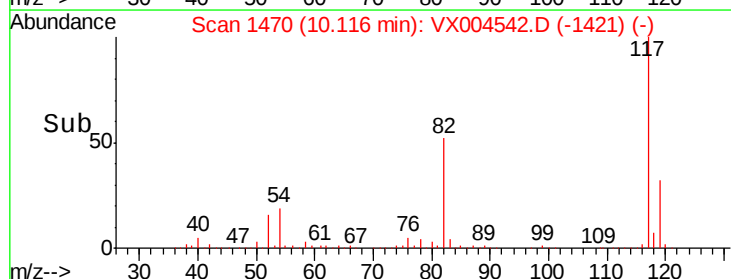


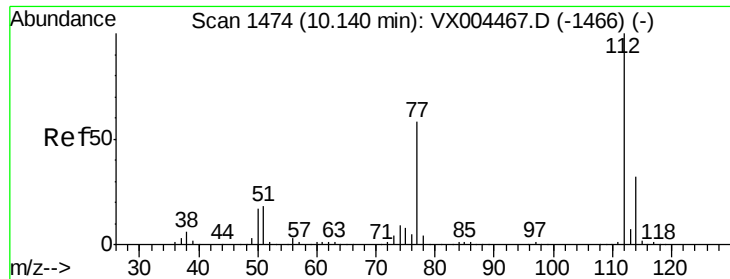
Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)

Time-->





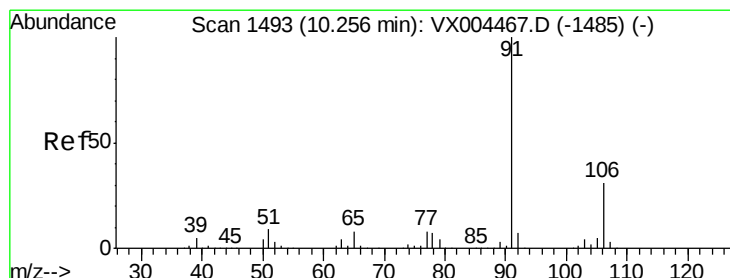
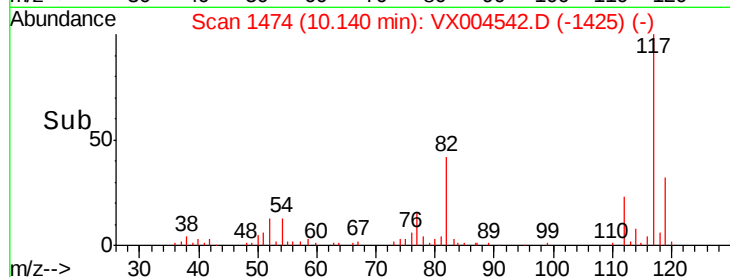
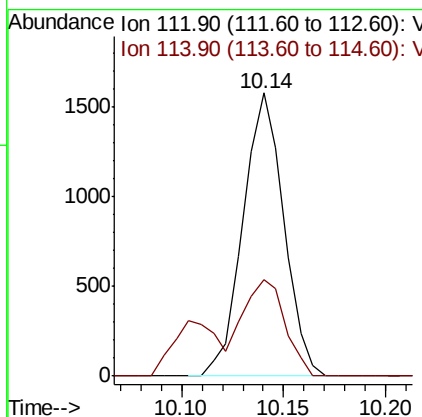
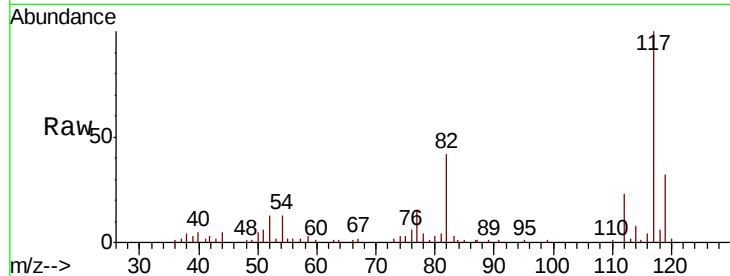
#65
Chlorobenzene
Concen: 0.24 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion:112 Resp: 2192
Ion Ratio Lower Upper
112 100
114 34.1 27.8 41.8

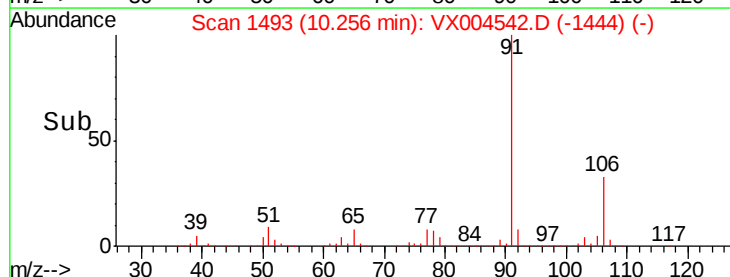
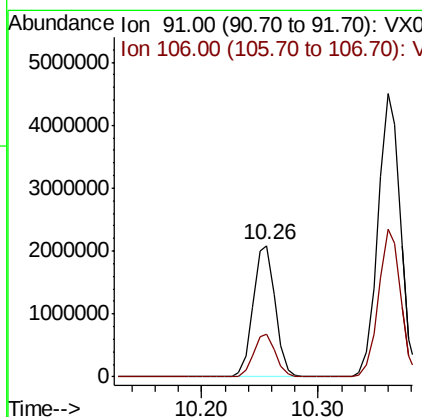
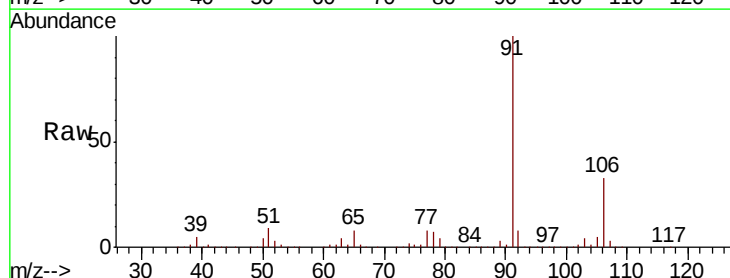
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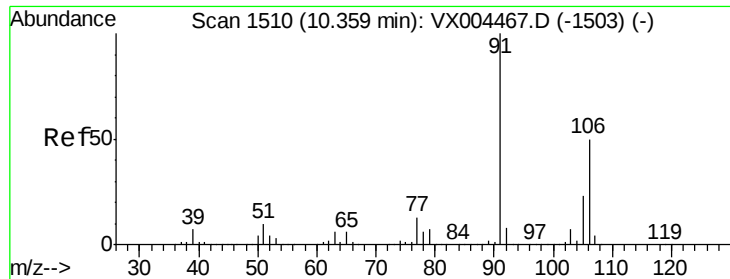
MMDadoda
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#67
Ethyl Benzene
Concen: 182.90 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion: 91 Resp: 2763612
Ion Ratio Lower Upper
91 100
106 32.7 25.9 38.9





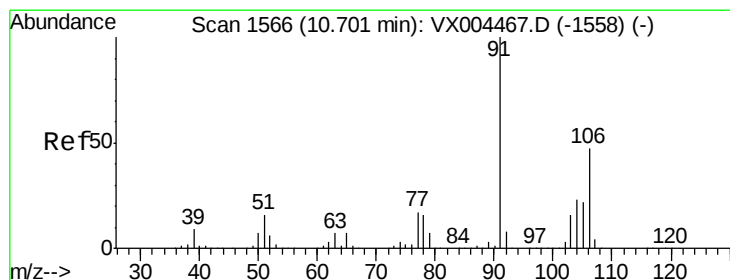
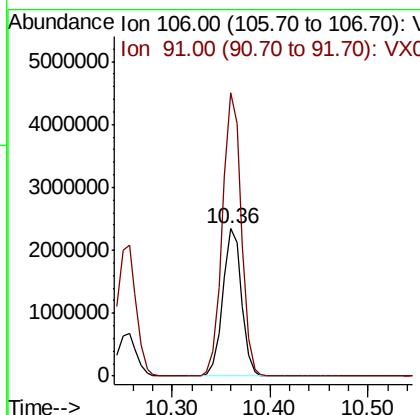
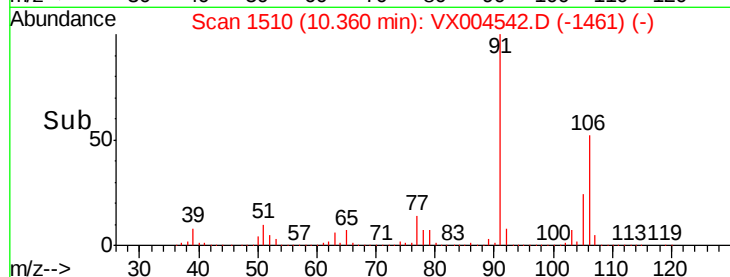
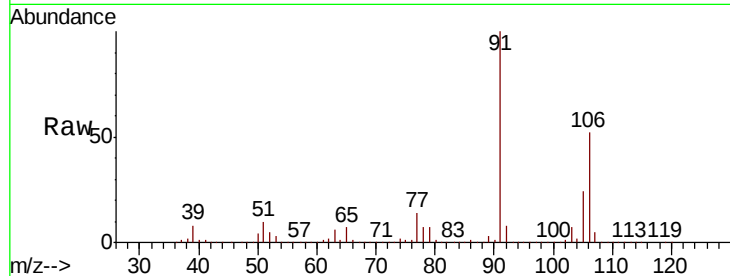
#68
m/p-Xvlenes
Concen: 532.15 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion:106 Resp: 3097367
Ion Ratio Lower Upper
106 100
91 194.0 157.1 235.7

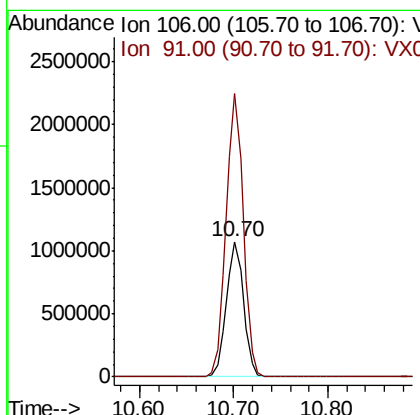
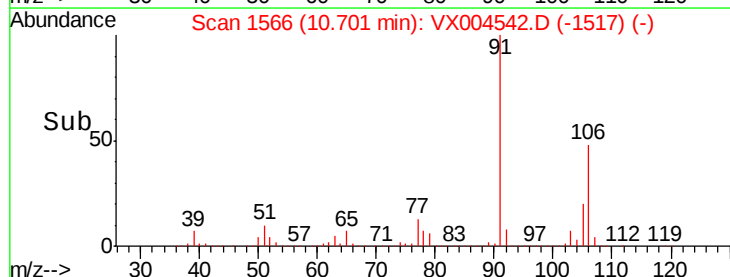
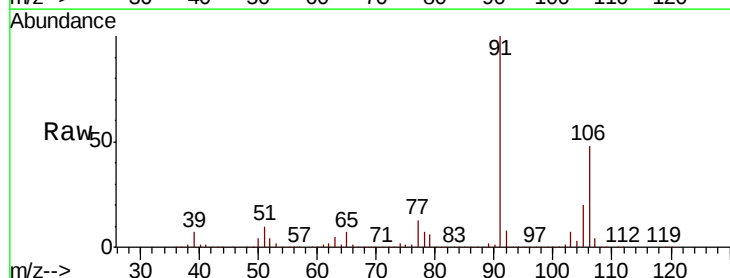
Manual Integrations
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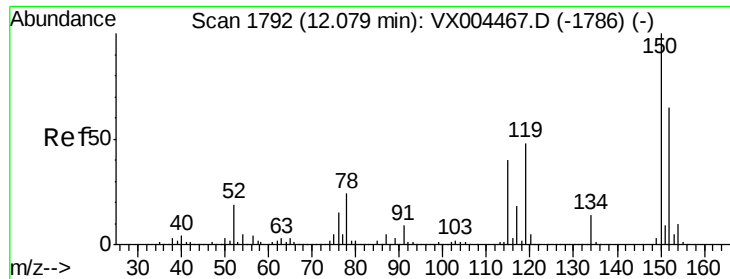
MMDadoda
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#69
o-Xylene
Concen: 242.99 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion:106 Resp: 1359702
Ion Ratio Lower Upper
106 100
91 209.9 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004542.D

Acq: 14 Sep 2018 16:14

Instrument :

MSVOA_X

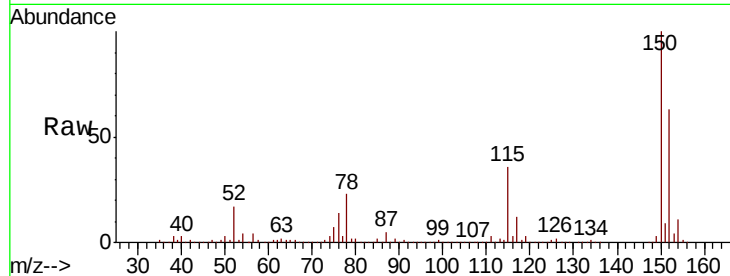
ClientSampleId :

ROLLOFF01-COMP-FILL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	225111		
115	57.1	39.0	117.0	
150	157.4	0.0	351.0	

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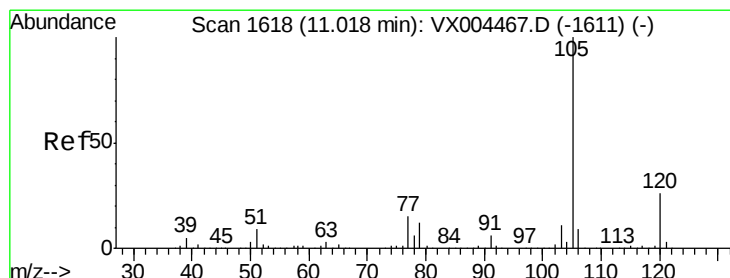
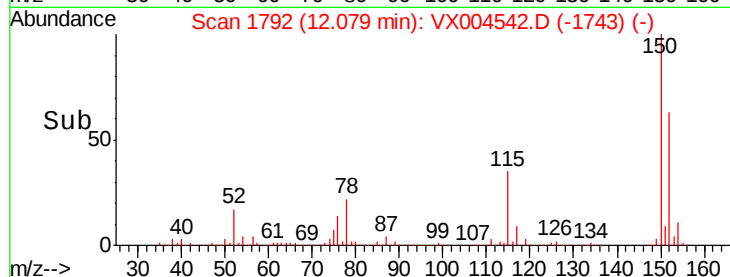
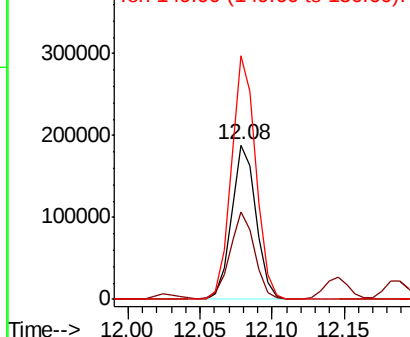


Abundance

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: 15.88 ug/l

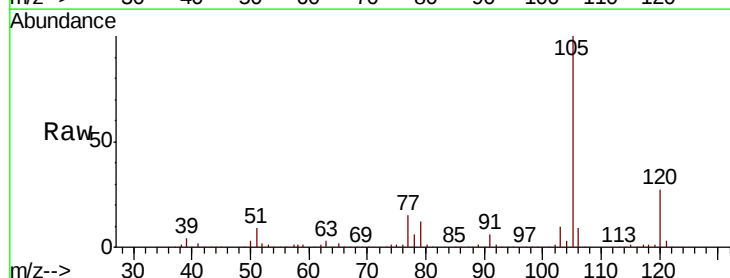
RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004542.D

Acq: 14 Sep 2018 16:14

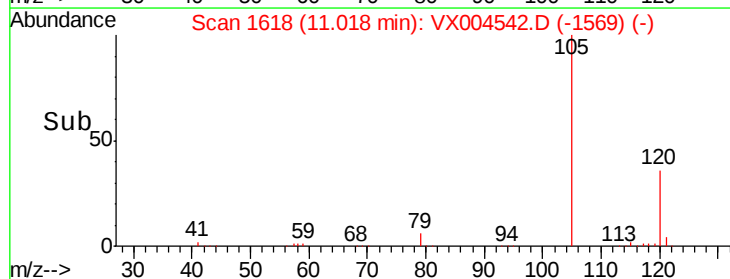
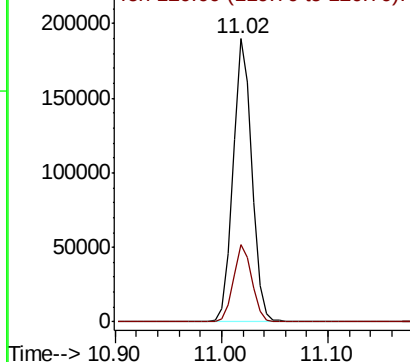
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235483		
120	26.9	13.5	40.4	

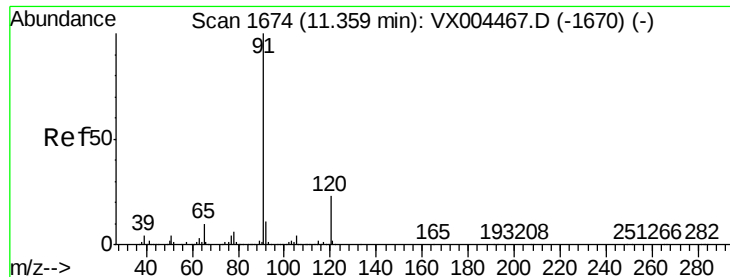


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.16 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004542.D

Acq: 14 Sep 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILL

Tot Ion: 91 Resp: 36790

Ion Ratio Lower Upper

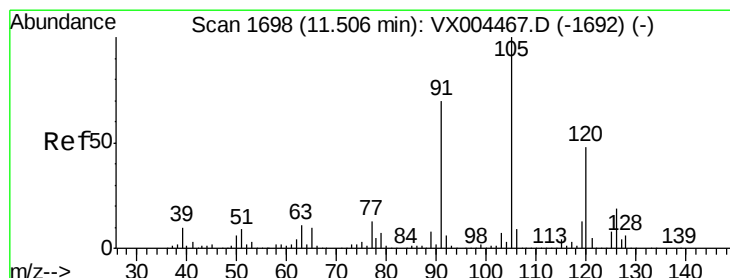
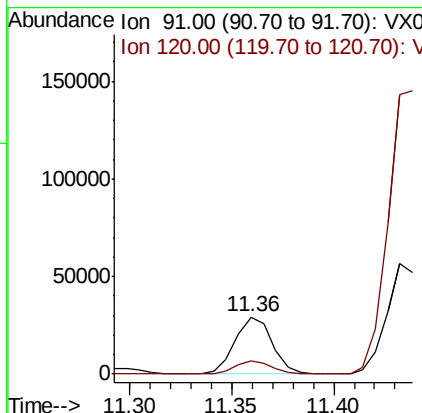
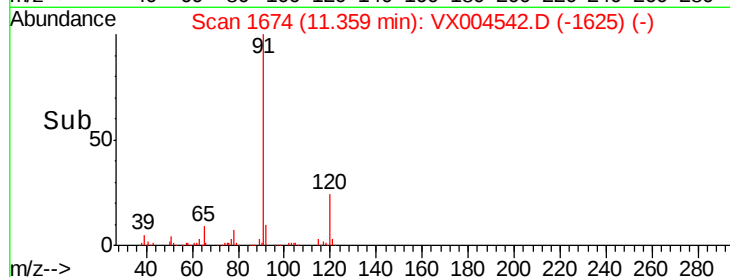
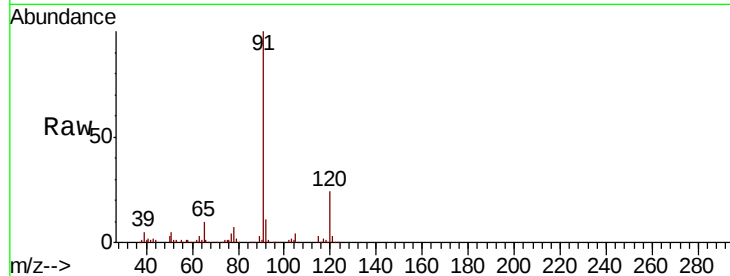
91 100

120 0.0 11.9 35.9#

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#80

1,3,5-Trimethylbenzene

Concen: 66.89 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004542.D

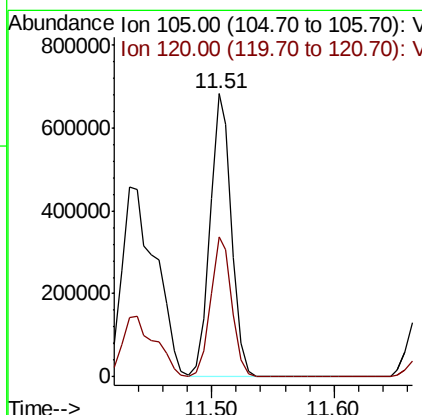
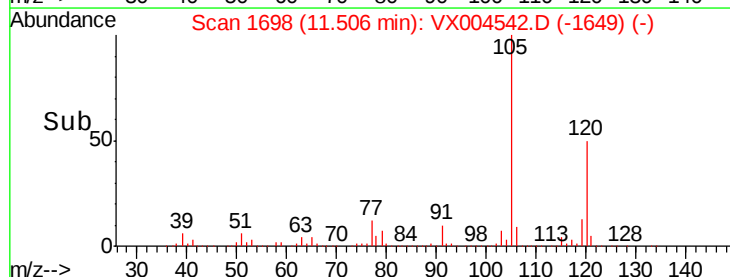
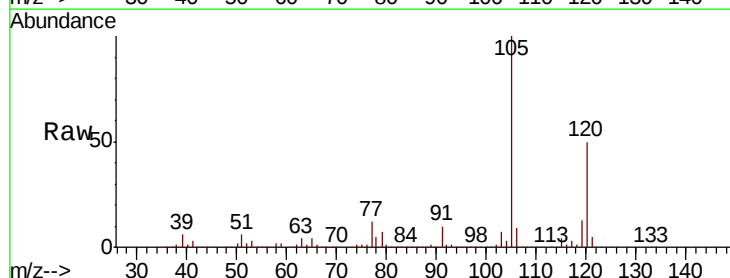
Acq: 14 Sep 2018 16:14

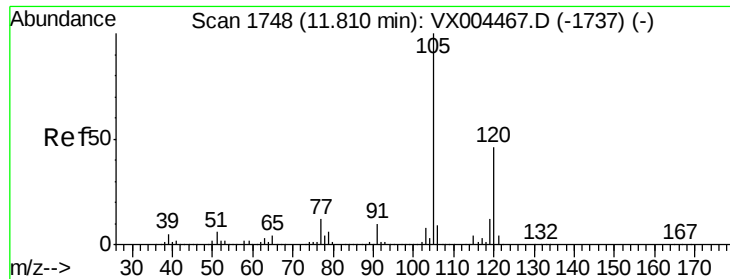
Tgt Ion: 105 Resp: 833645

Ion Ratio Lower Upper

105 100

120 49.4 25.6 76.8





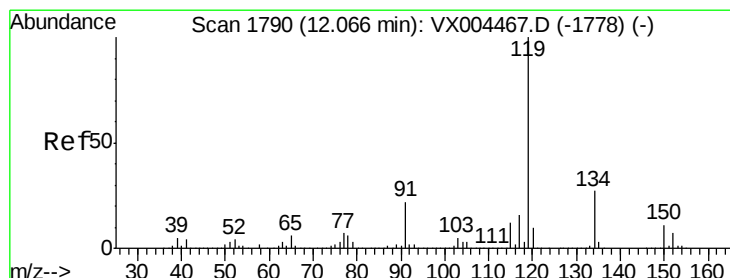
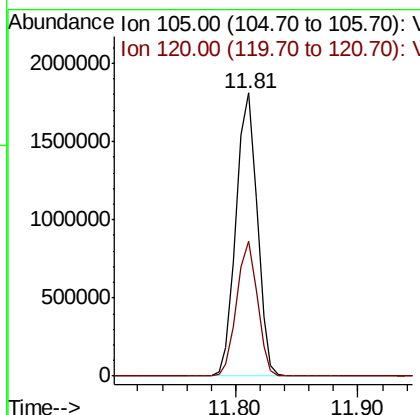
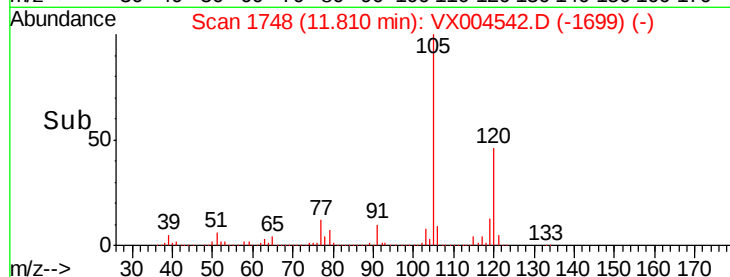
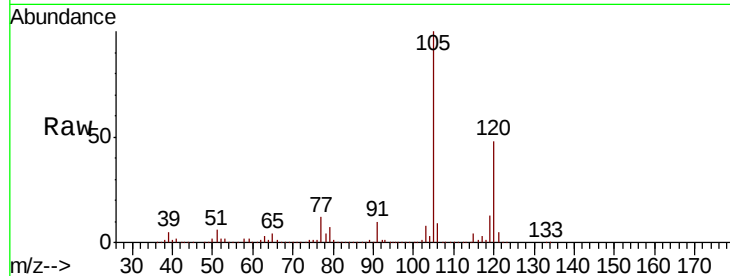
#84
1,2,4-Trimethylbenzene
Concen: 169.36 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion:105 Resp: 2155069
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

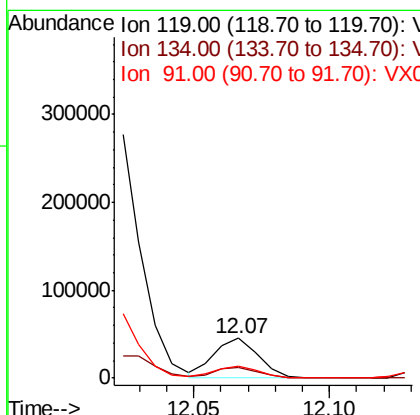
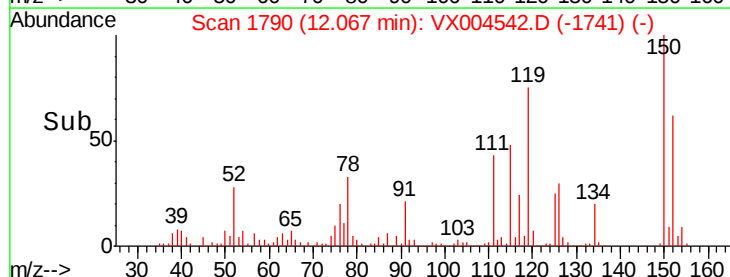
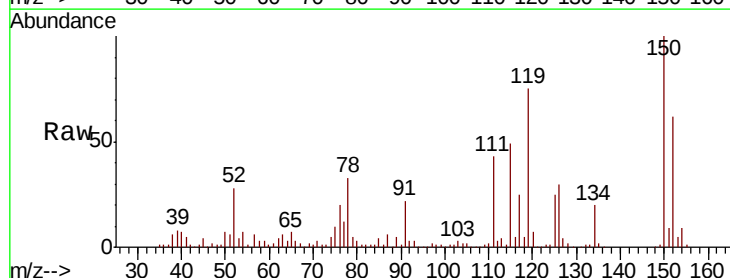
Manual Integrations
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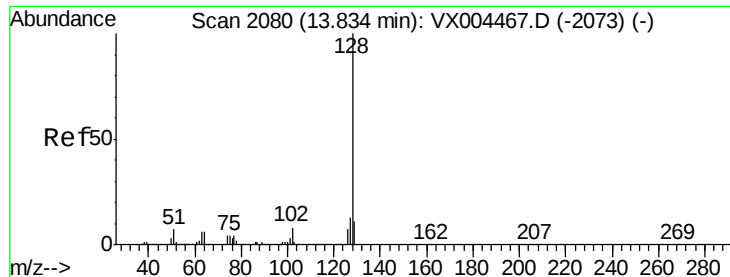
MMDadoda
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#86
p-Isopropyltoluene
Concen: 3.87 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Tgt Ion:119 Resp: 51668
Ion Ratio Lower Upper
119 100
134 26.9 13.4 40.2
91 30.1 10.9 32.7





#95
Naphthalene
Concen: 1819.75 ug/l m
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004542.D
Acq: 14 Sep 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILL

Tot Ion:128 Resp:27966511
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 12.8#

Manual Integrations
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