

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017764.D
 Acq On : 04 Aug 2020 12:45
 Operator : JC/SP
 Sample : L3512-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 USED-ANTIFREEZE-1456

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Aug 05 06:12:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	603809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	881336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	844389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	440017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	393097	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	5.46	113	300318	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.70	98	1045957	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.12	95	418174	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.01	59	41500	25.387	ug/l	98
16) Acetone	2.42	43	1157203	338.981	ug/l	95
25) 2-Butanone	4.64	43	14761m	3.044	ug/l	
40) Benzene	6.12	78	17187	0.709	ug/l #	82
52) Toluene	8.77	92	57491	3.699	ug/l	99
67) Ethyl Benzene	10.24	91	69878	2.290	ug/l	97
68) m/p-Xylenes	10.34	106	93382	7.901	ug/l	96
69) o-Xylene	10.68	106	69241	6.091	ug/l	99
73) Isopropylbenzene	11.00	105	25904	0.858	ug/l	97
78) n-propylbenzene	11.34	91	86857	2.551	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	83267	3.231	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	382926	14.938	ug/l	99
85) sec-Butylbenzene	11.93	105	26119	0.909	ug/l	91
86) p-Isopropyltoluene	12.05	119	14304m	0.523	ug/l	
89) n-Butylbenzene	12.37	91	47135	1.934	ug/l #	45
95) Naphthalene	13.82	128	284361	9.786	ug/l	99

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

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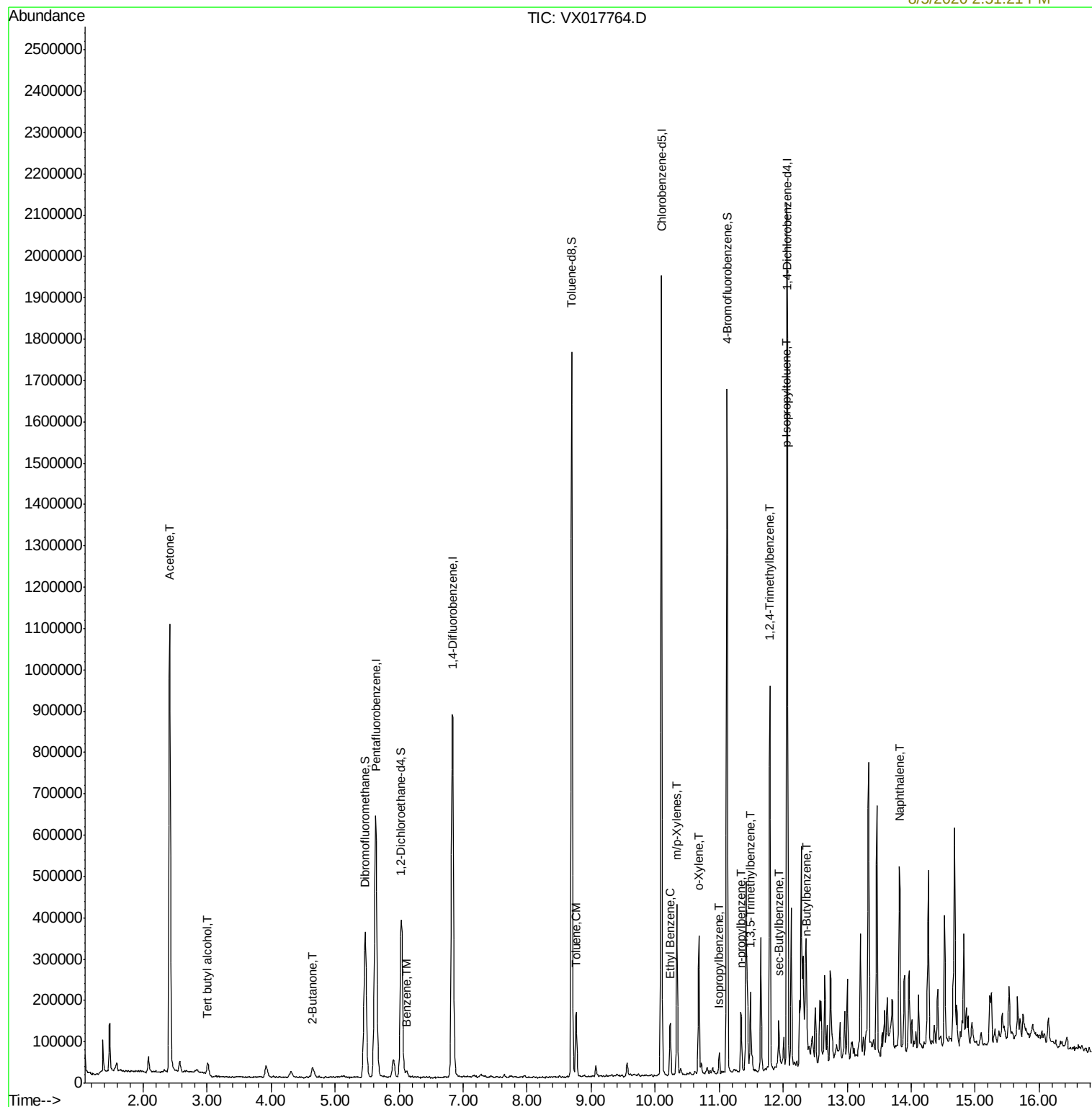
Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

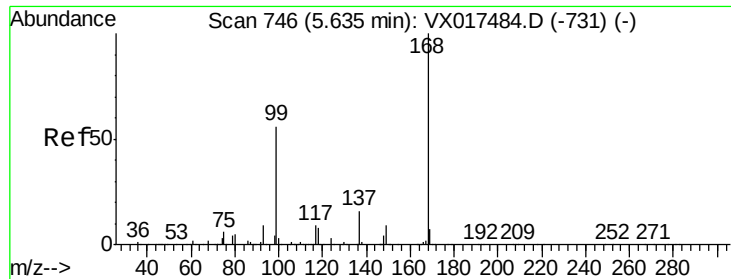
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

USED-ANTIFREEZE-1456

Tgt Ion:168 Resp: 603809

Ion Ratio Lower Upper

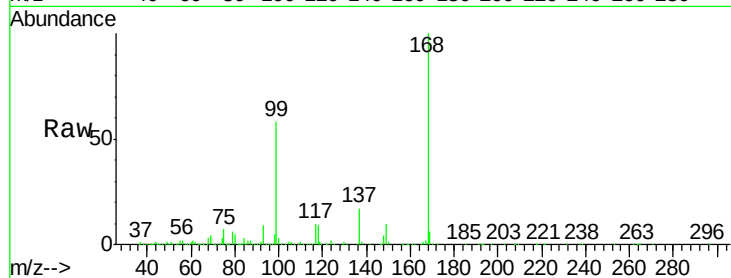
168 100

99 57.7 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): VX017764.D (-697) (-)

Ion 98.90 (98.60 to 99.60): VX017764.D (-697) (-)

5.64

250000

200000

150000

100000

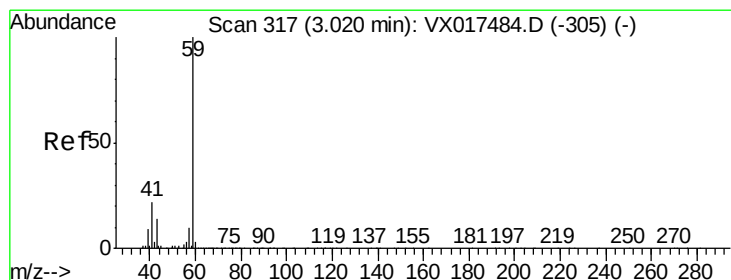
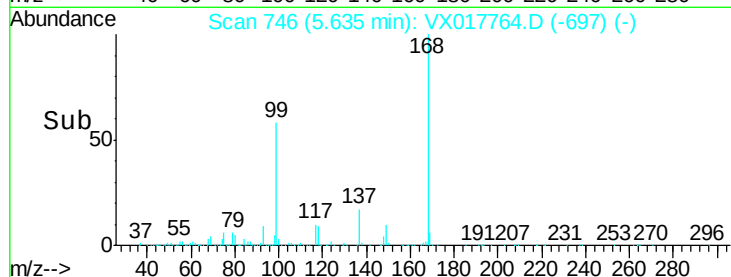
50000

0

Time-->

5.50 5.60 5.70 5.80

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#11

Tert butyl alcohol

Concen: 25.387 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017764.D

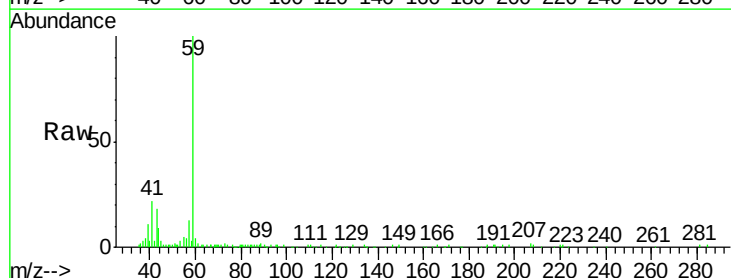
Acq: 04 Aug 2020 12:45

Tgt Ion: 59 Resp: 41500

Ion Ratio Lower Upper

59 100

57 11.4 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX017764.D (-268) (-)

Ion 57.00 (56.70 to 57.70): VX017764.D (-268) (-)

3.01

20000

15000

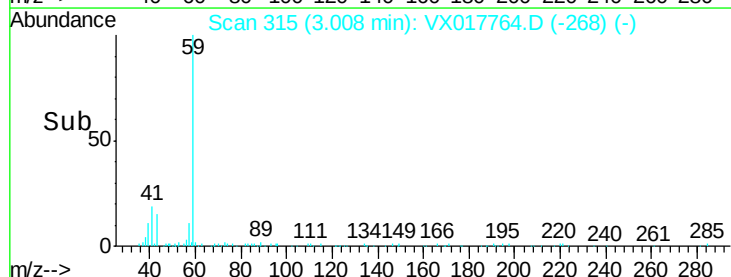
10000

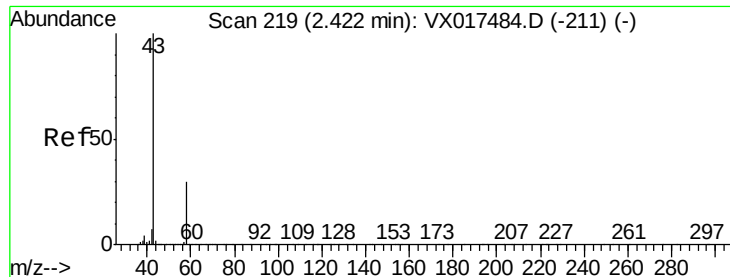
5000

0

Time-->

2.90 3.00 3.10





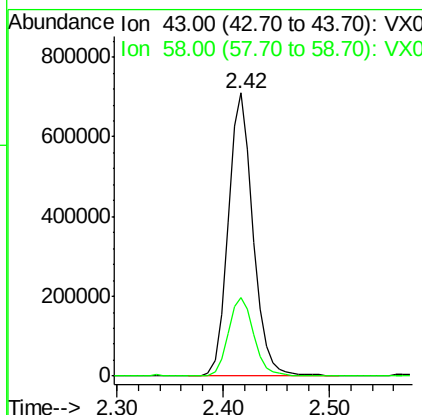
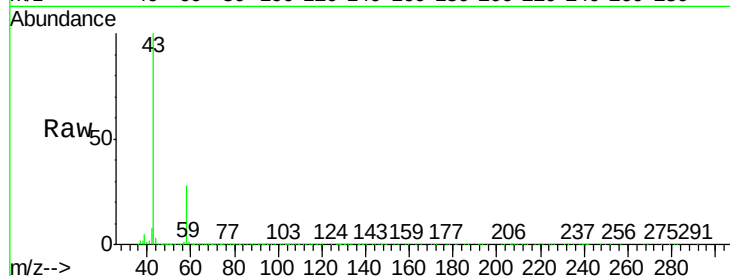
#16
Acetone
Concen: 338.981 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Instrument :
MSVOA_X
ClientSampleId :
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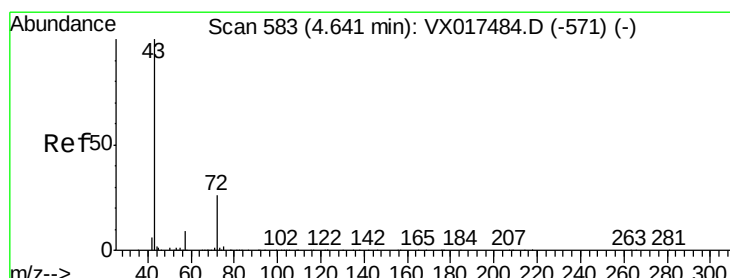
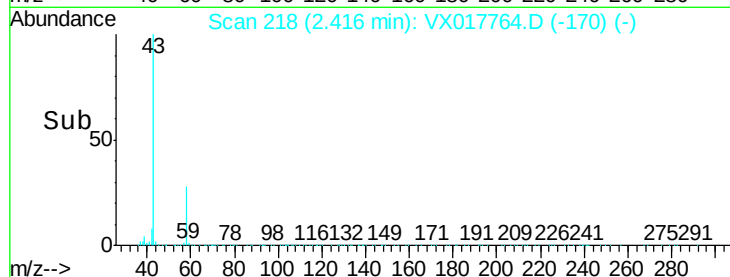
Tgt Ion: 43 Resp: 1157203
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.4

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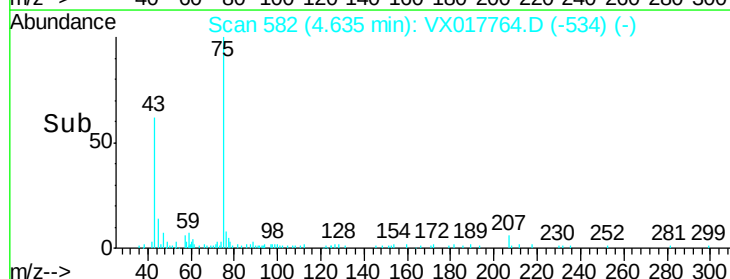
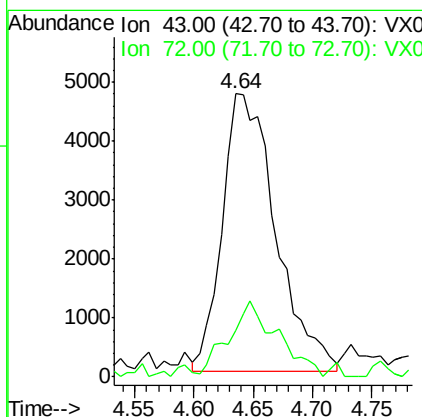
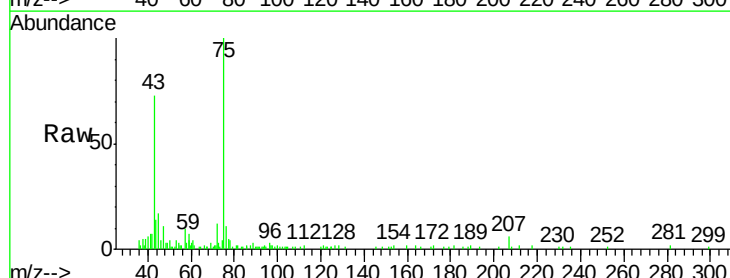


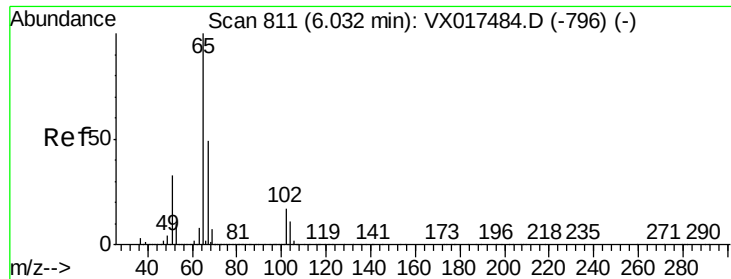
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#25
2-Butanone
Concen: 3.044 ug/l m
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 43 Resp: 14761
Ion Ratio Lower Upper
43 100
72 16.7 19.0 28.4#





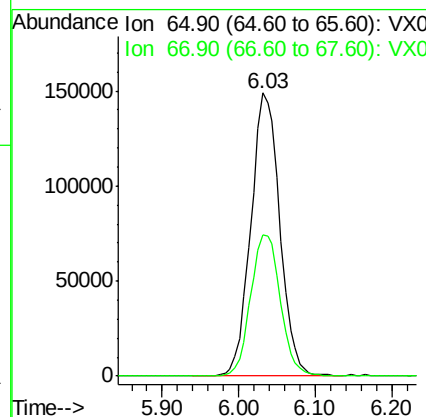
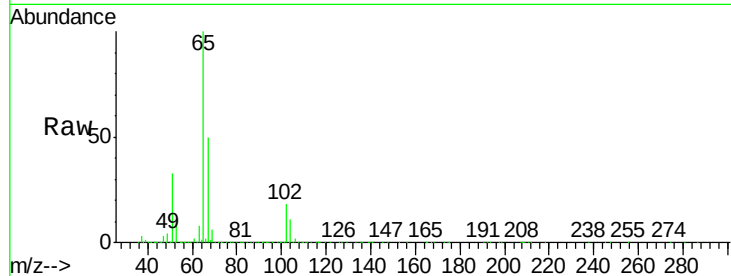
#33
 1,2-Dichloroethane-d4
 Concen: 50.682 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 USED-ANTIFREEZE-1456

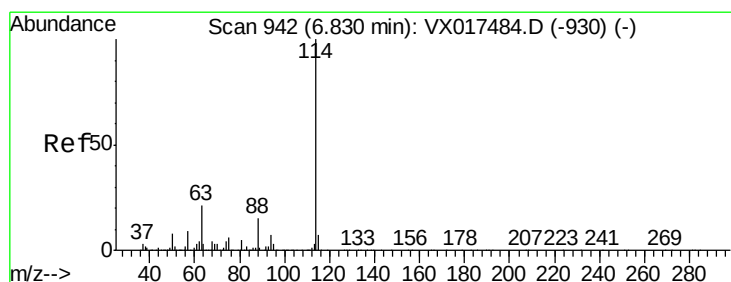
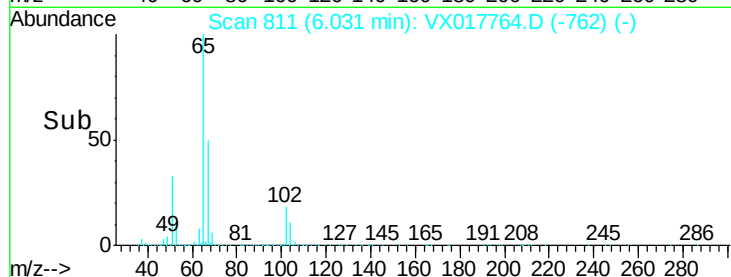
Tgt Ion	Ratio	Resp	Lower	Upper
65	100	393097		
67	51.2	0.0	102.8	

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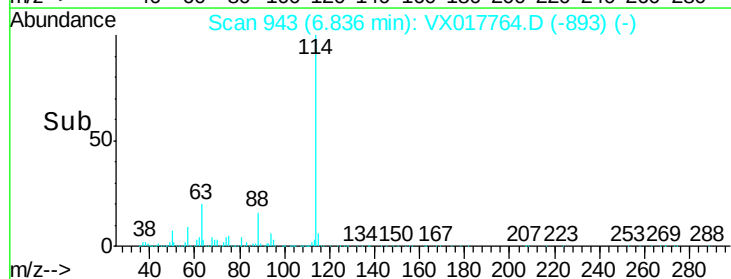
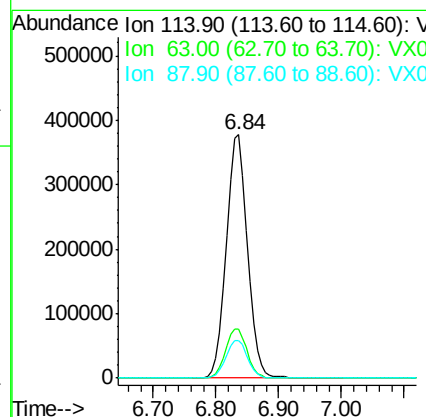
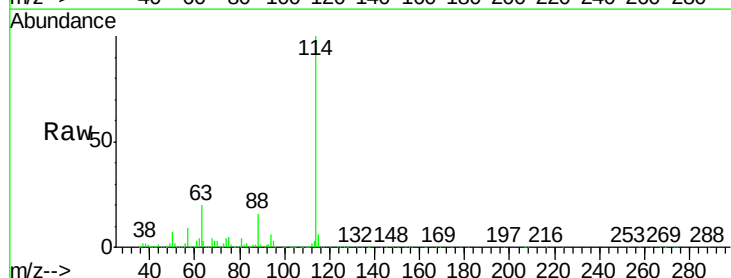


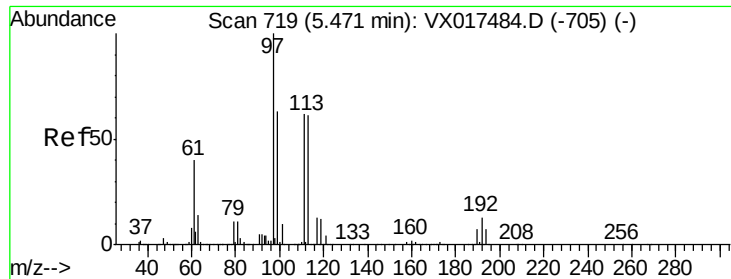
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	881336		
63	20.2	0.0	40.6	
88	15.5	0.0	33.4	





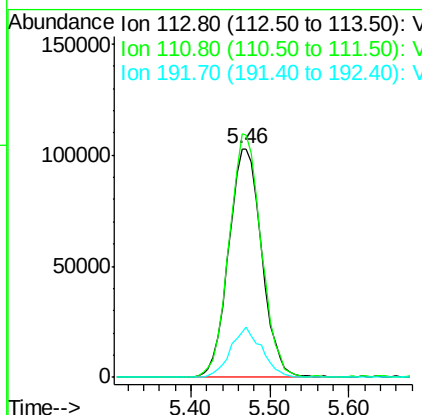
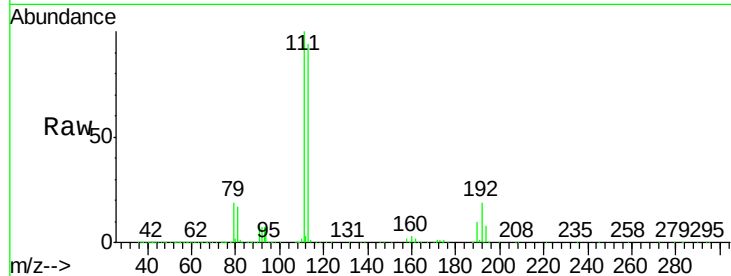
#35
 Dibromofluoromethane
 Concen: 50.950 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Instrument :
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 ClientSampleId :
 USED-ANTIFREEZE-1456

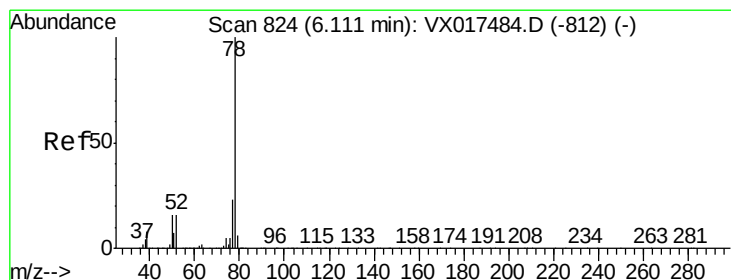
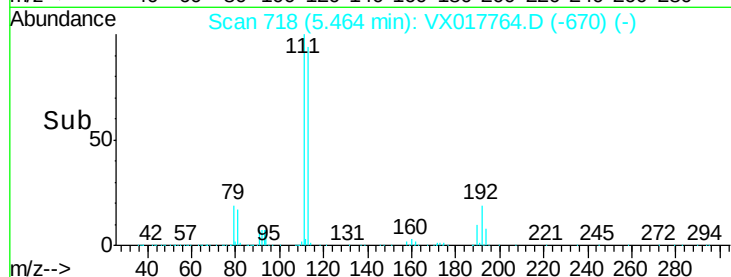
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	300318		
111	103.5	80.7	121.1	
192	20.9	16.9	25.3	

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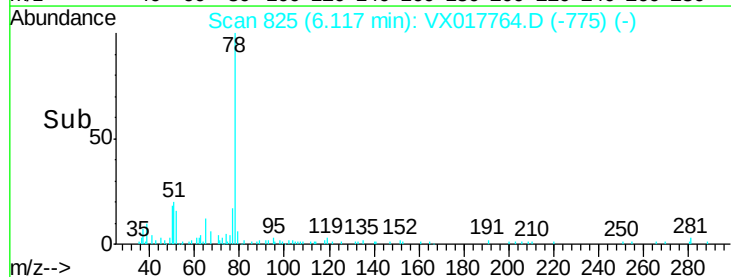
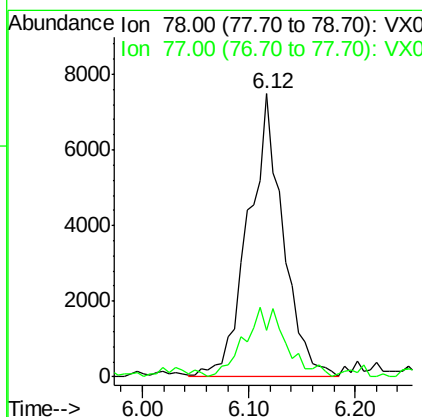
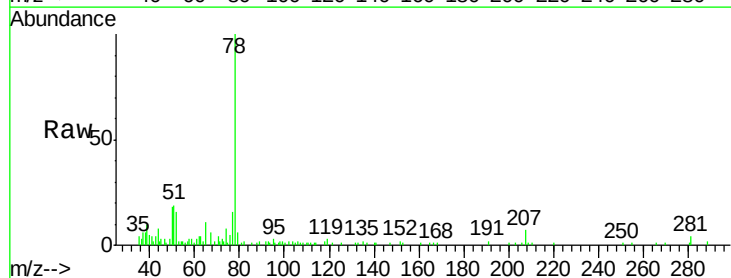


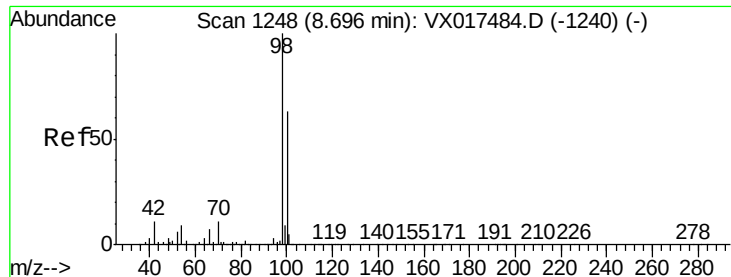
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#40
 Benzene
 Concen: 0.709 ug/l
 RT: 6.12 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	17187		
77	15.6	19.4	29.2	#





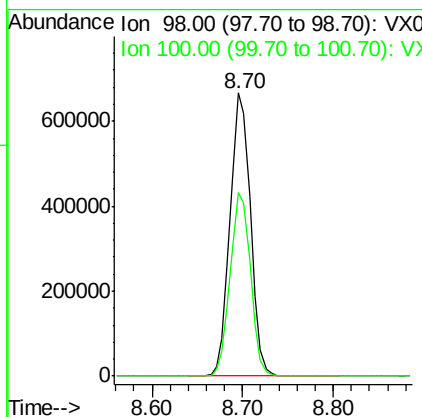
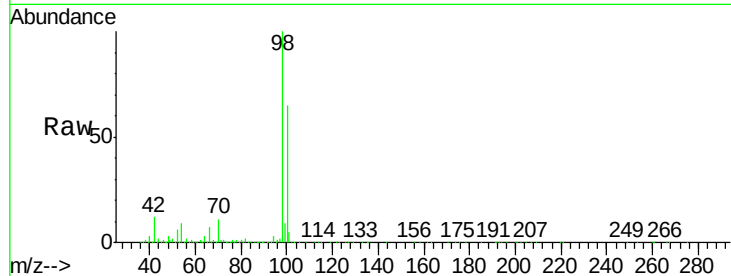
#50
Toluene-d8
Concen: 49.189 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

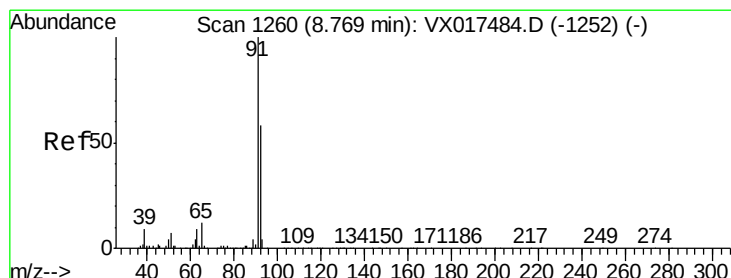
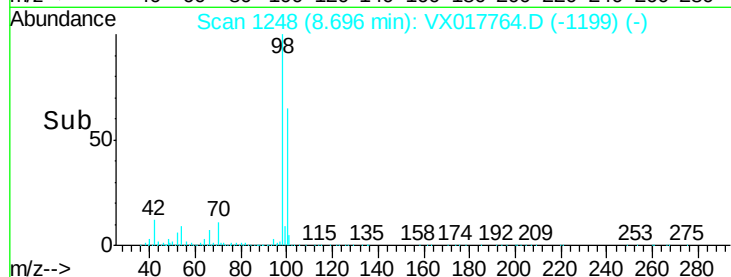
Tgt Ion: 98 Resp: 1045957
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

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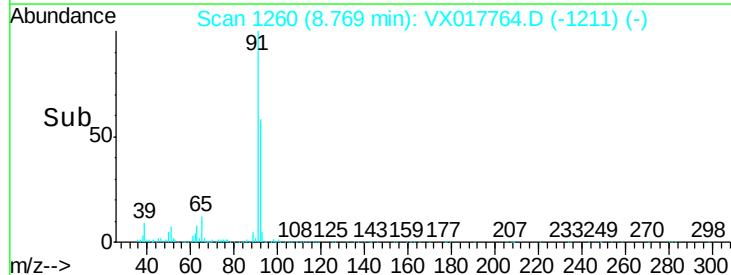
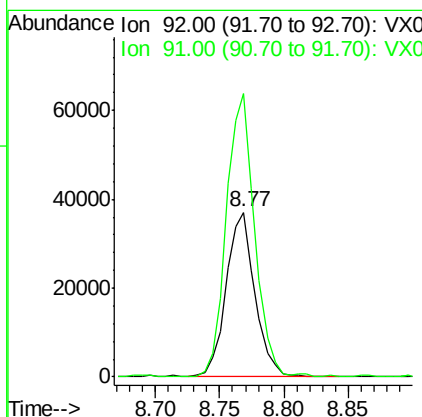
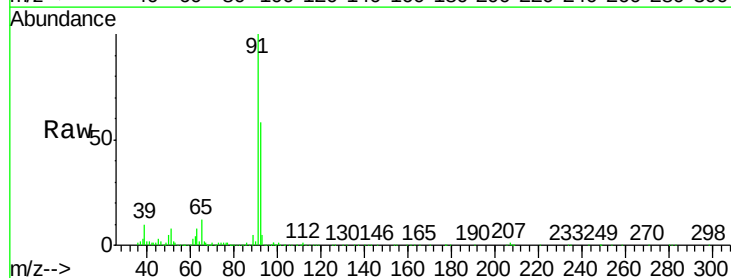


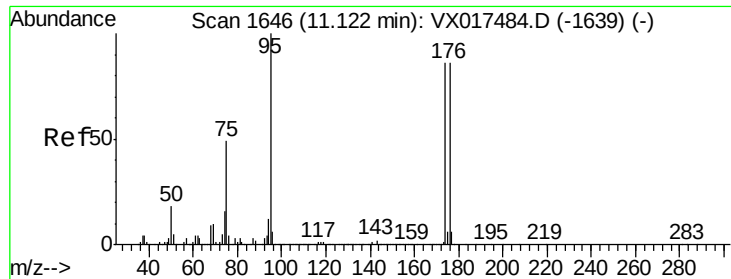
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#52
Toluene
Concen: 3.699 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 92 Resp: 57491
Ion Ratio Lower Upper
92 100
91 170.0 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 49.140 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

USED-ANTIFREEZE-1456

Tgt Ion: 95 Resp: 418174

Ion Ratio Lower Upper

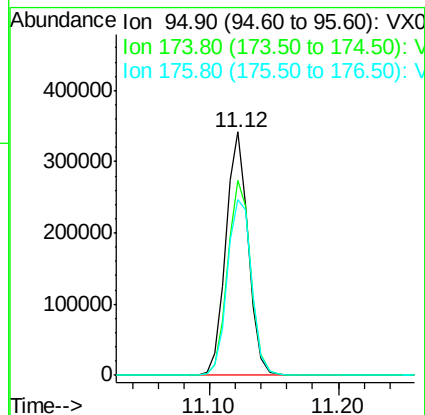
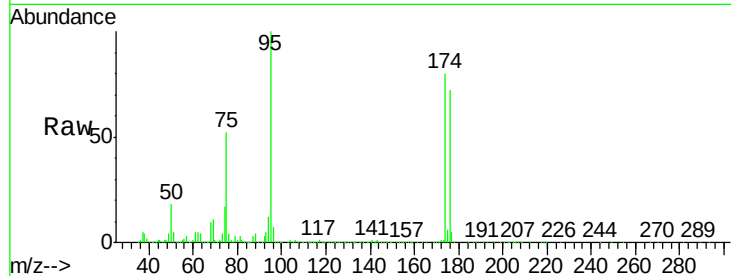
95 100

174 83.1 0.0 169.0

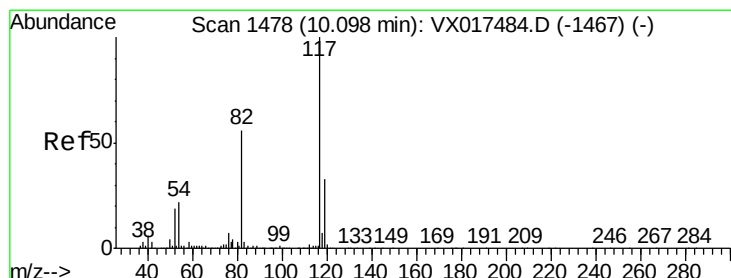
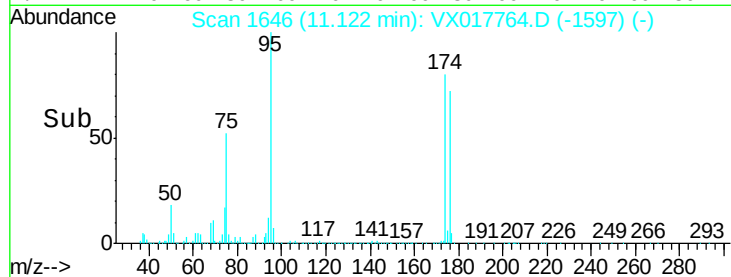
176 78.6 0.0 161.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

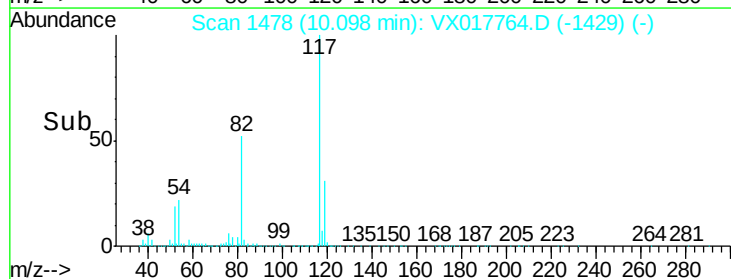
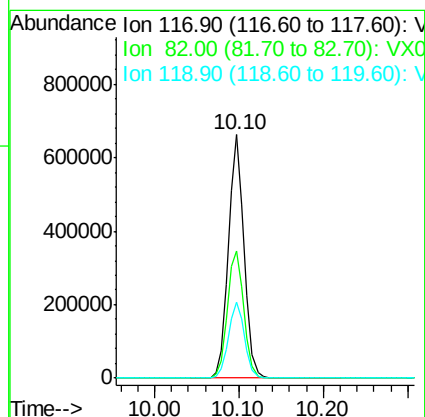
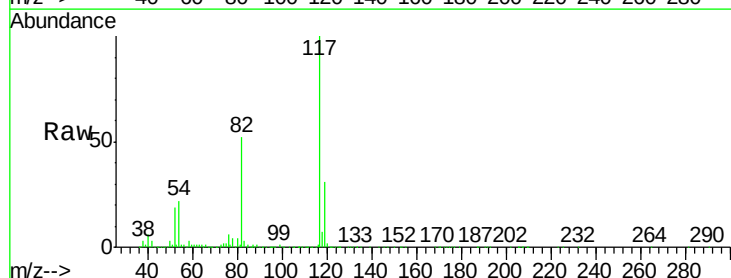
Tgt Ion: 117 Resp: 844389

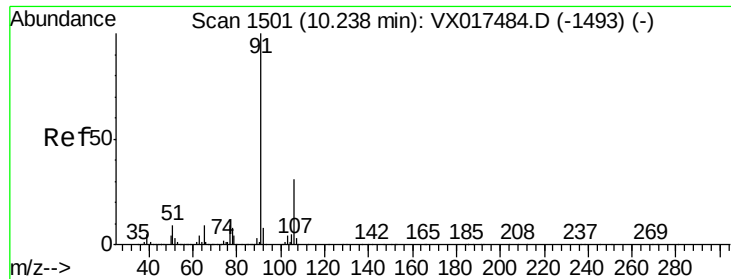
Ion Ratio Lower Upper

117 100

82 52.3 44.0 66.0

119 31.3 25.4 38.0





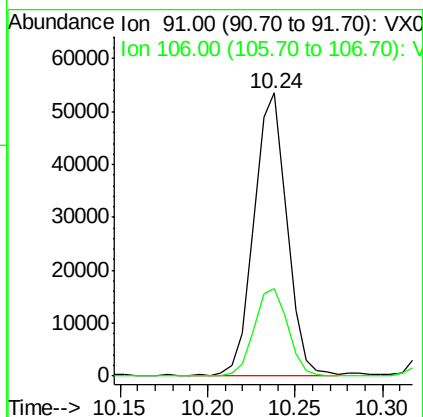
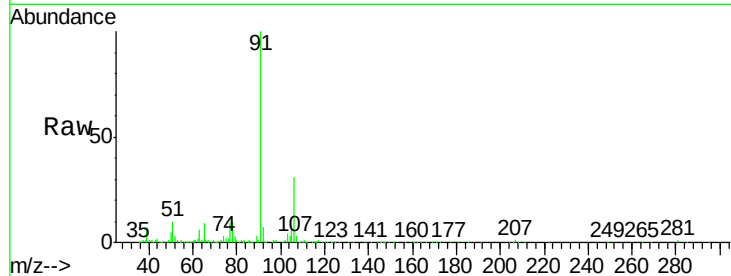
#67
Ethyl Benzene
Concen: 2.290 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

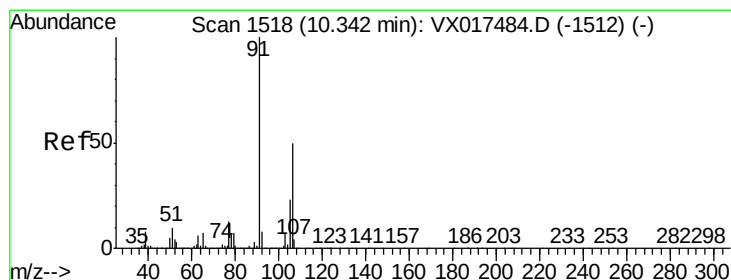
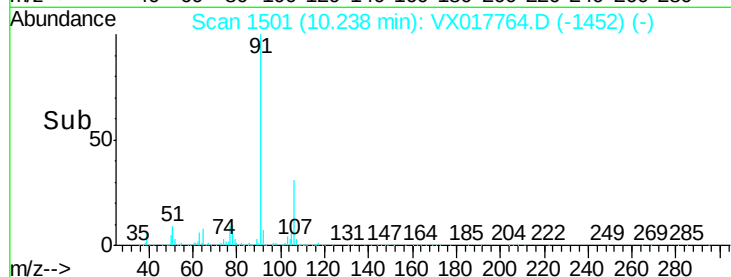
Tgt Ion: 91 Resp: 69878
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.6

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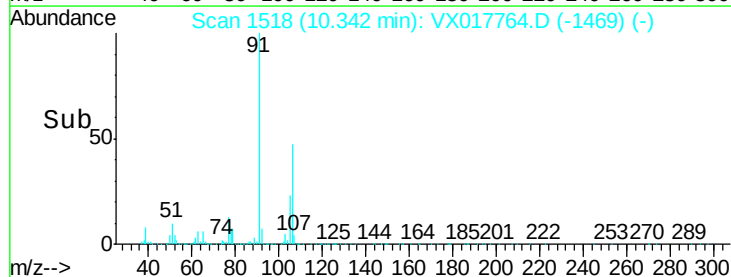
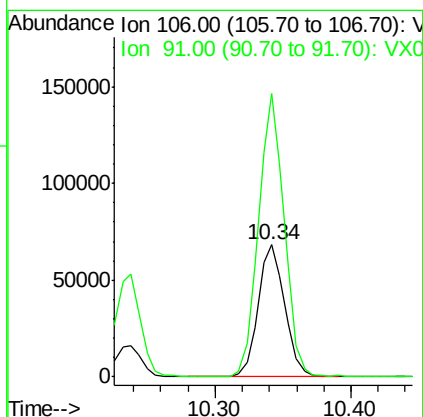
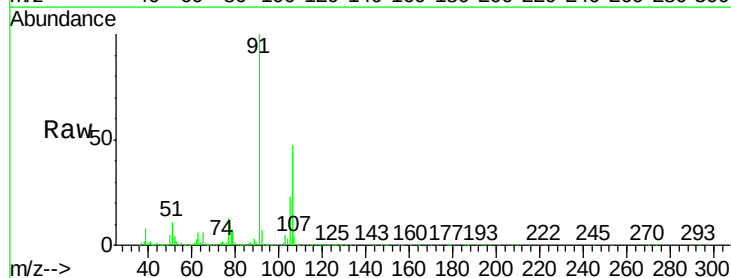


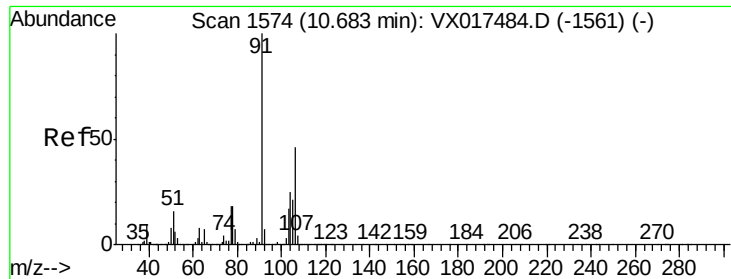
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#68
m/p-Xylenes
Concen: 7.901 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 106 Resp: 93382
Ion Ratio Lower Upper
106 100
91 207.1 160.9 241.3





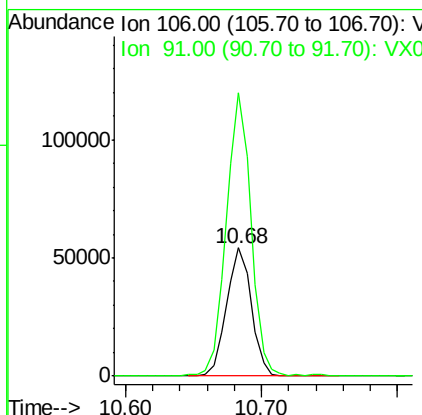
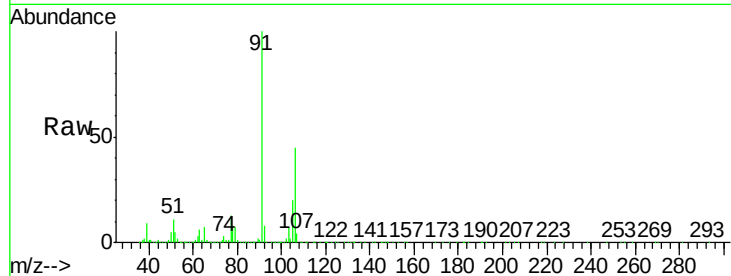
#69
o-Xylene
Concen: 6.091 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

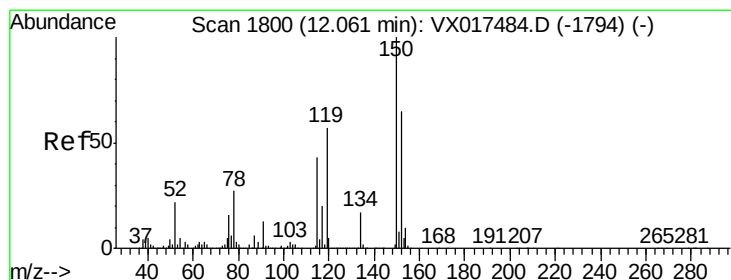
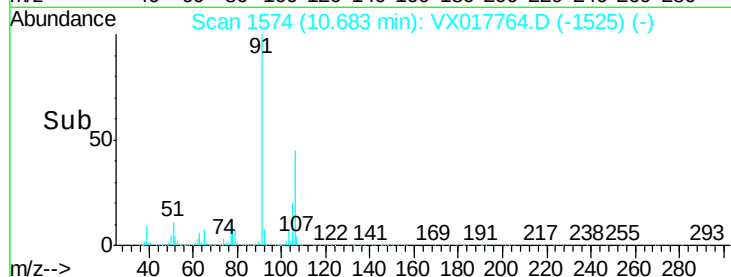
Tgt Ion:106 Resp: 69241
Ion Ratio Lower Upper
106 100
91 215.5 108.2 324.6

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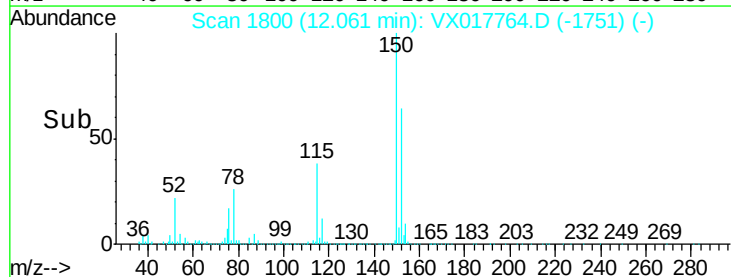
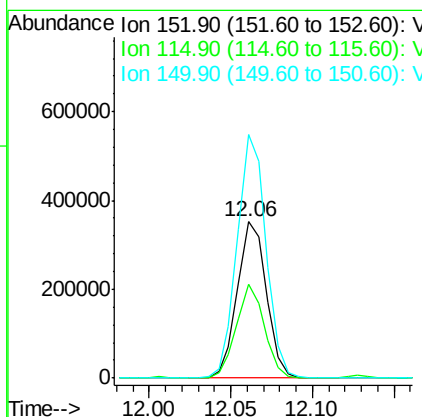
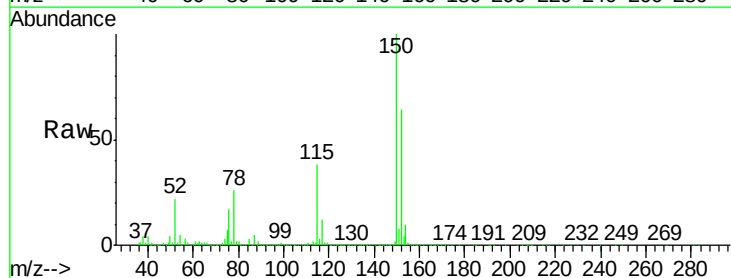


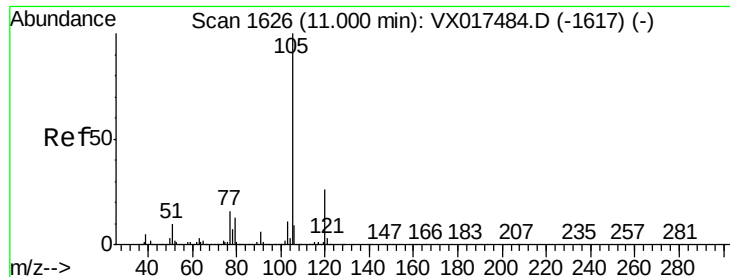
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion:152 Resp: 440017
Ion Ratio Lower Upper
152 100
115 57.2 65.5 196.6#
150 153.6 0.0 412.6





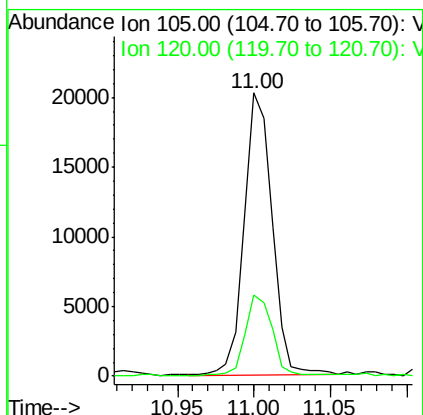
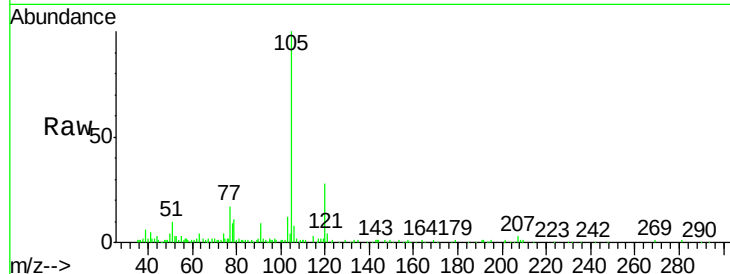
#73
Isopropylbenzene
Concen: 0.858 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

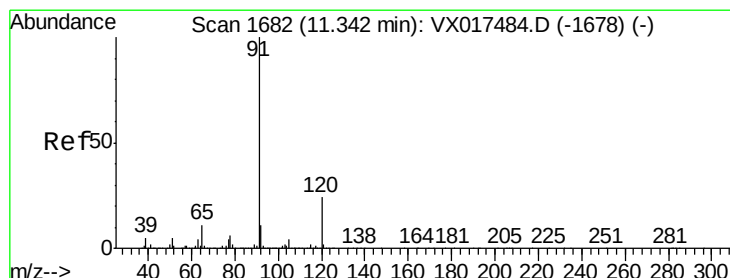
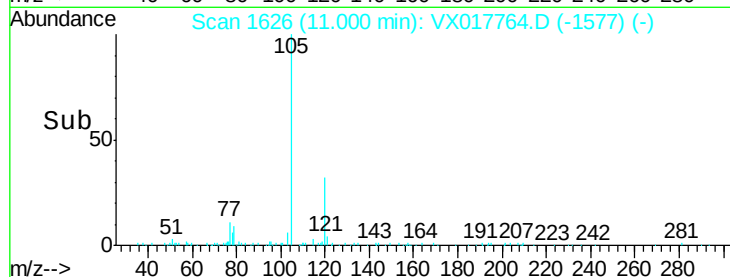
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.3	39.8

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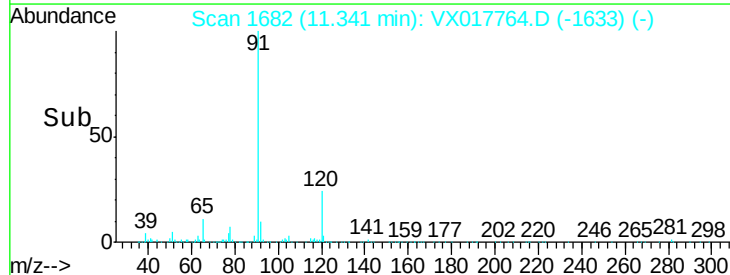
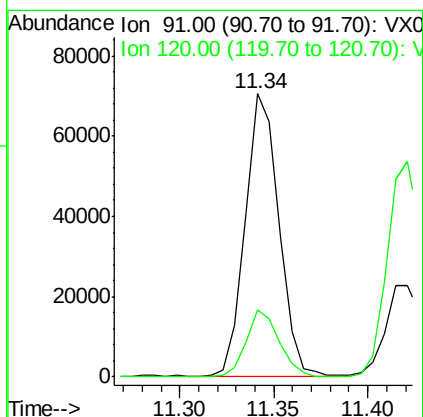
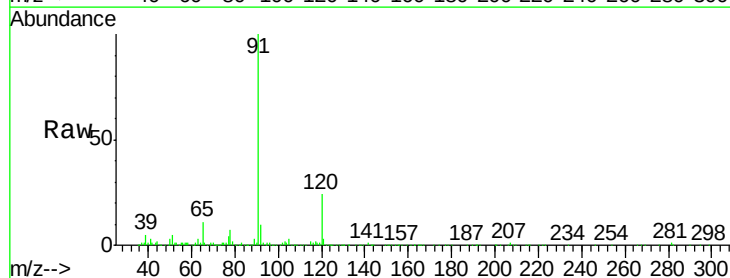


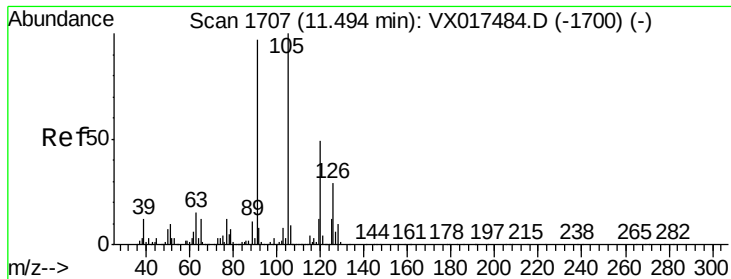
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#78
n-propylbenzene
Concen: 2.551 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.2	36.4





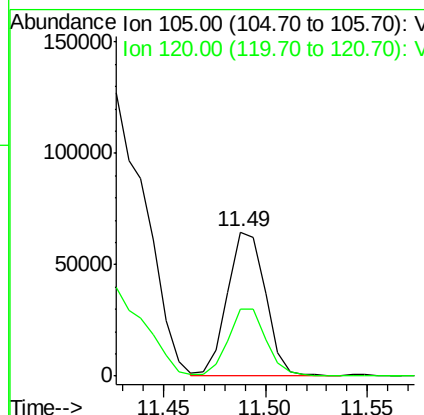
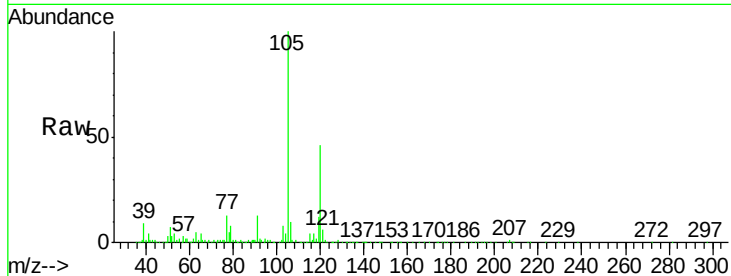
#80
 1,3,5-Trimethylbenzene
 Concen: 3.231 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 USED-ANTIFREEZE-1456

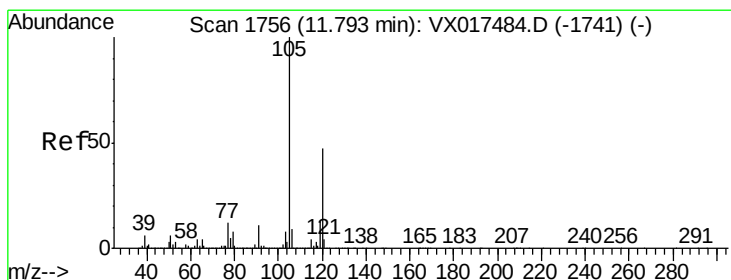
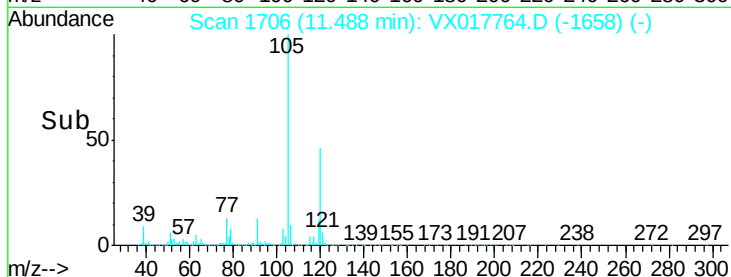
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	24.1	72.3

Manual Integrations
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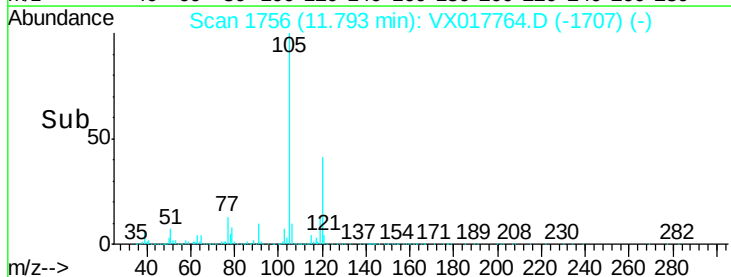
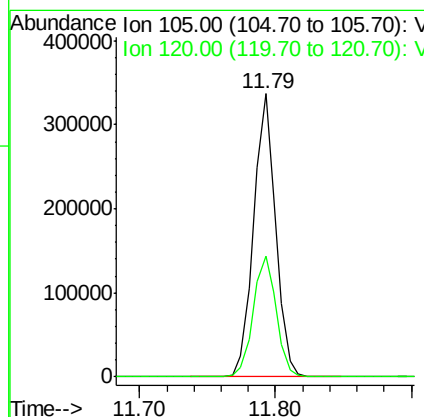
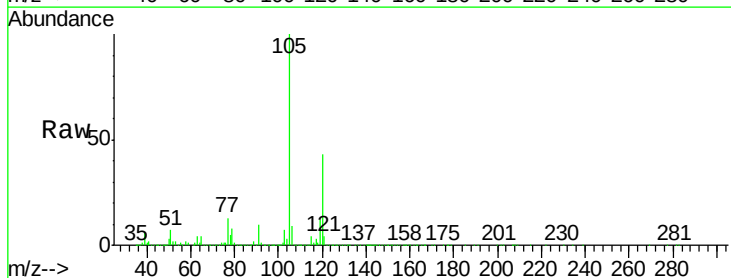


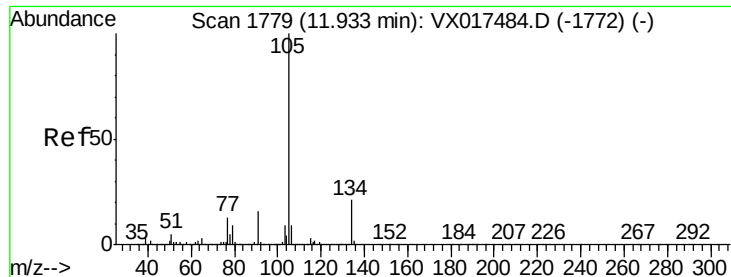
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#84
 1,2,4-Trimethylbenzene
 Concen: 14.938 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0





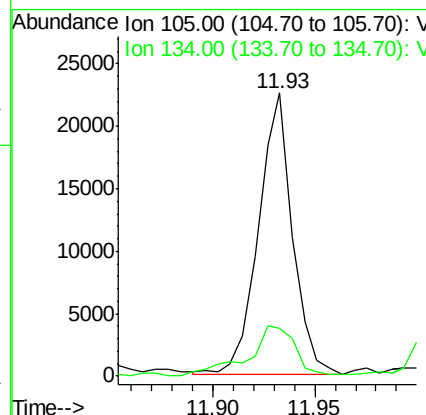
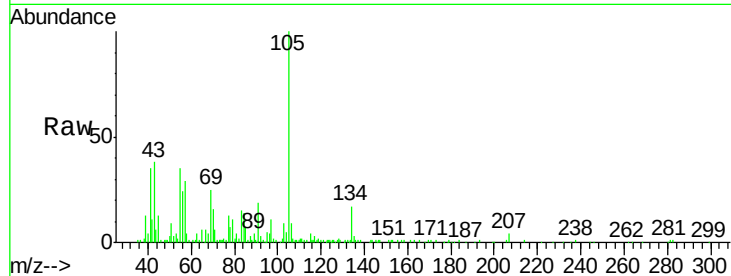
#85
 sec-Butylbenzene
 Concen: 0.909 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 USED-ANTIFREEZE-1456

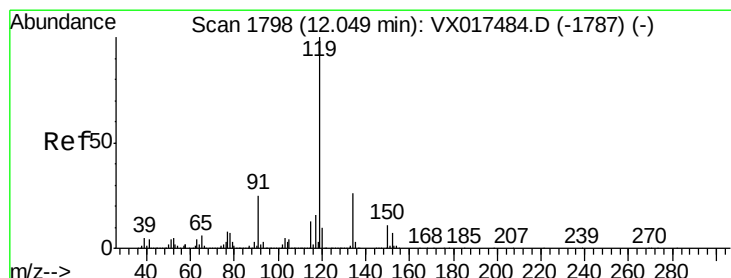
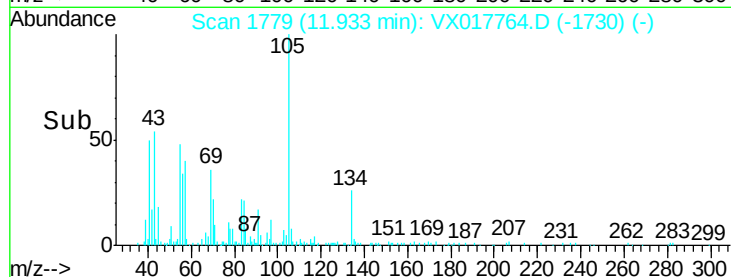
Tgt Ion	Ratio	Lower	Upper
105	100		
134	25.2	10.4	31.2

Manual Integrations
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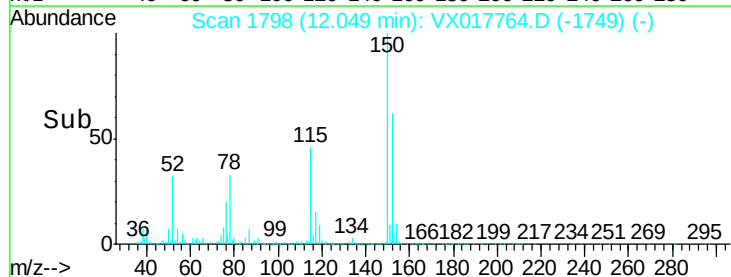
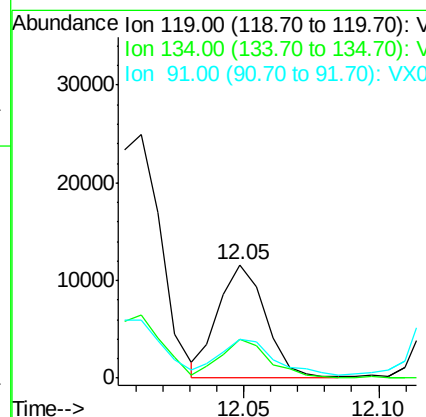
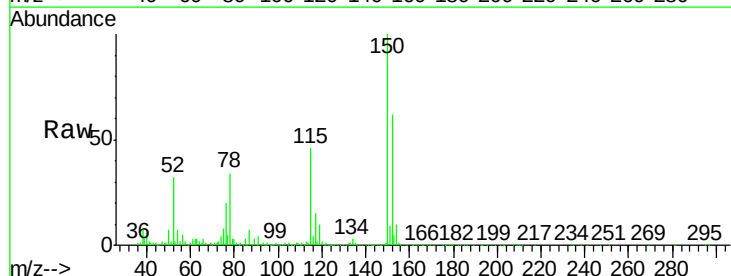


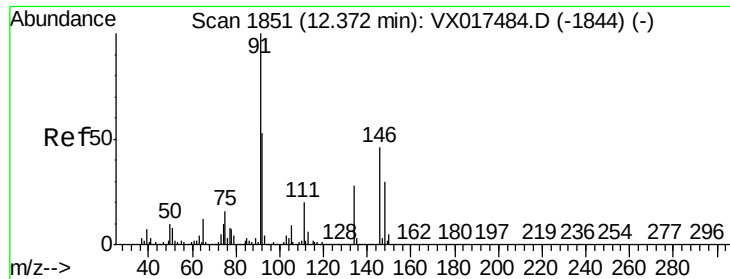
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#86
 p-Isopropyltoluene
 Concen: 0.523 ug/l m
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	35.8	13.1	39.3
91	34.4	12.1	36.3





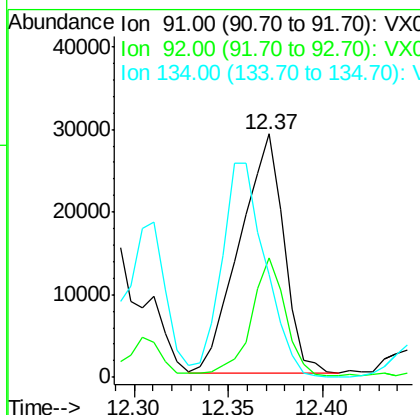
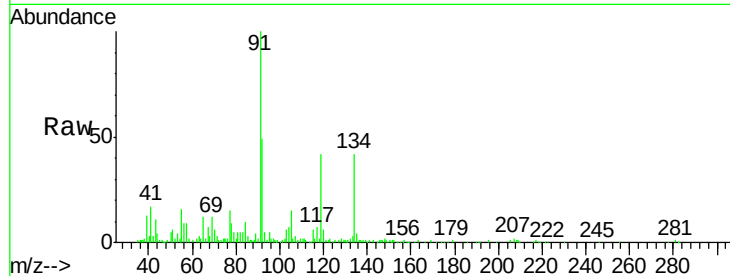
#89
n-Butylbenzene
Concen: 1.934 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

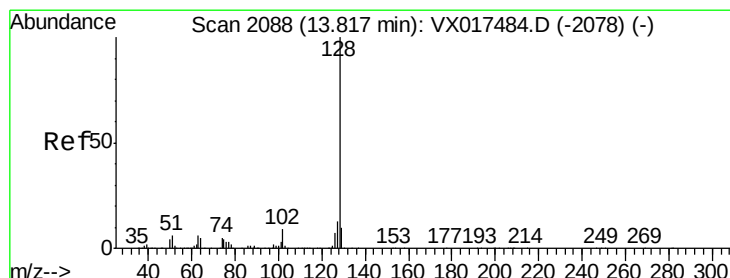
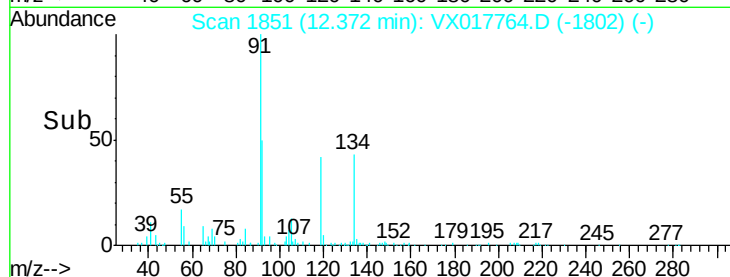
Tgt Ion	Ratio	Lower	Upper
91	100		
92	37.8	26.7	80.1
134	89.2	13.6	40.7

Manual Integrations
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#95
Naphthalene
Concen: 9.786 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.5	8.9	13.3

