

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015866.D
 Acq On : 23 Apr 2020 02:04
 Operator : JC/SP
 Sample : L2380-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:15:46 PM

Quant Time: Apr 23 12:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	970946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1506470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1449775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	789099	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	546584	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	5.47	113	447300	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	1808899	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.12	95	770224	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	3.01	59	134620	59.664	ug/l	95
16) Acetone	2.42	43	33461	6.959	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	383226	12.765	ug/l #	6
31) Cyclohexane	5.56	56	161549	10.013	ug/l #	92
39) Methylcyclohexane	7.44	83	272049	16.086	ug/l #	88
40) Benzene	6.12	78	189250	4.705	ug/l	93
52) Toluene	8.77	92	13218	0.513	ug/l	98
67) Ethyl Benzene	10.24	91	65452	1.286	ug/l	99
68) m/p-Xylenes	10.35	106	11986	0.627	ug/l	83
69) o-Xylene	10.68	106	15940	0.848	ug/l	88
73) Isopropylbenzene	11.01	105	2593290	51.746	ug/l	98
78) n-propylbenzene	11.34	91	5073093	88.366	ug/l	99
83) tert-Butylbenzene	11.76	119	25455	0.672	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	28241	0.637	ug/l	99
85) sec-Butylbenzene	11.93	105	393380	7.873	ug/l	95
89) n-Butylbenzene	12.37	91	334253m	8.001	ug/l	
95) Naphthalene	13.82	128	844039	15.618	ug/l	98

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

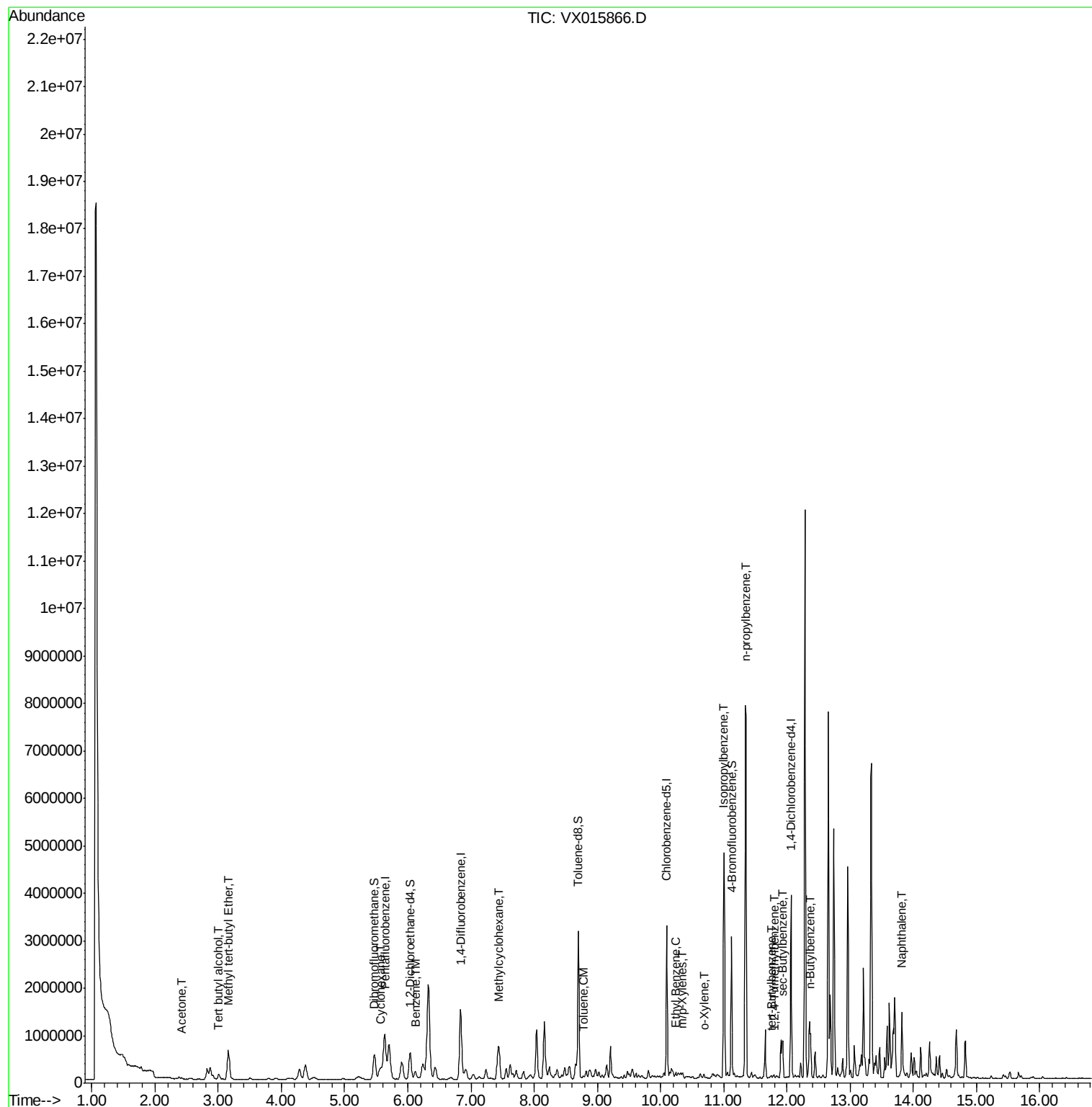
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
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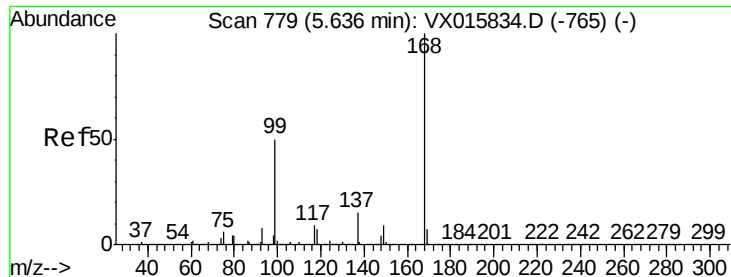
Instrument :
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KY001MW078-200421

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Quant Time: Apr 23 12:24:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

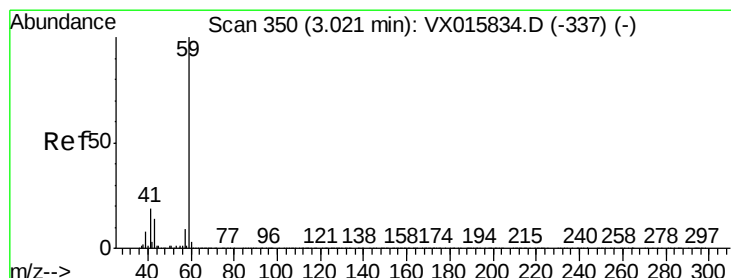
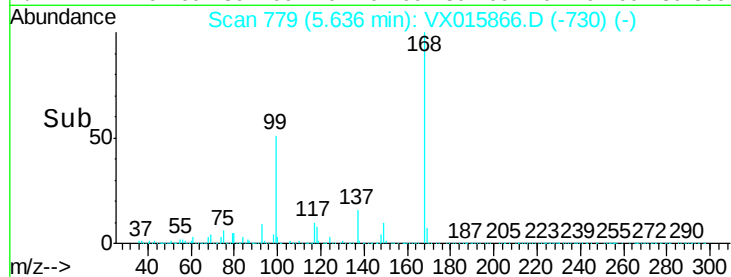
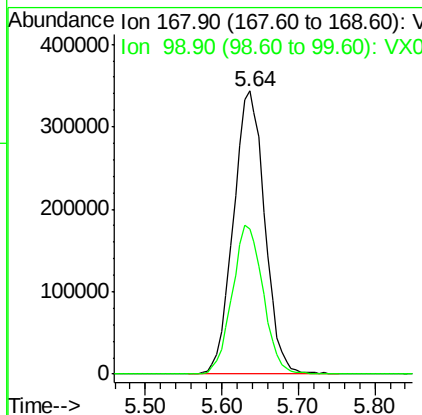
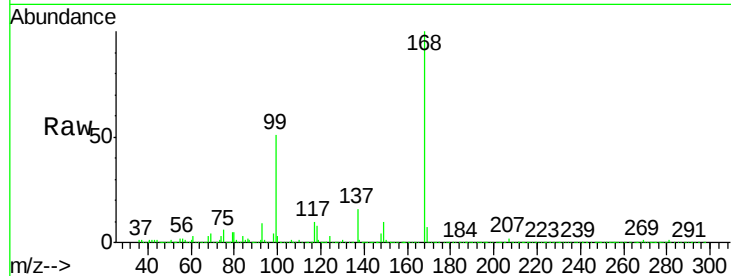
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: VX015866.D
 Acq: 23 Apr 2020 02:04

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421

Tot Ion	Ratio	Resp	Lower	Upper
168	100	970946		
99	51.3	40.3	60.5	

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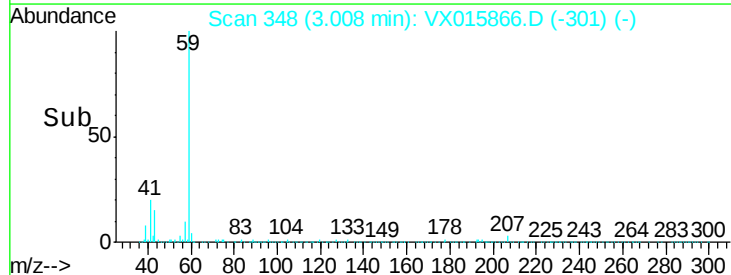
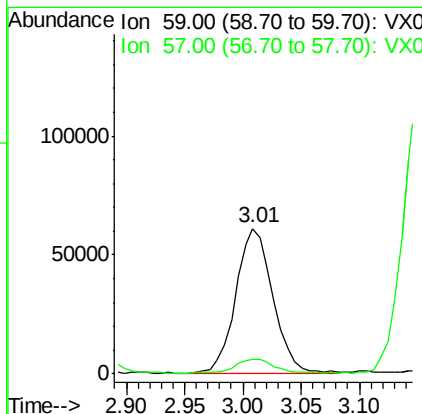
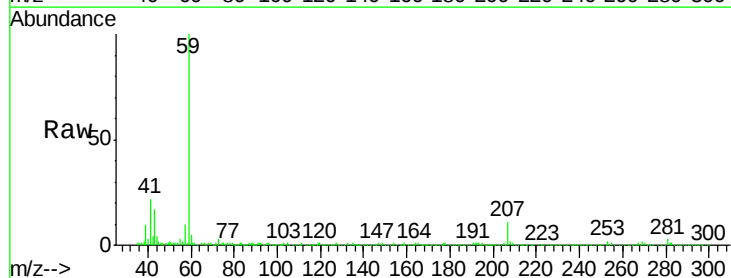
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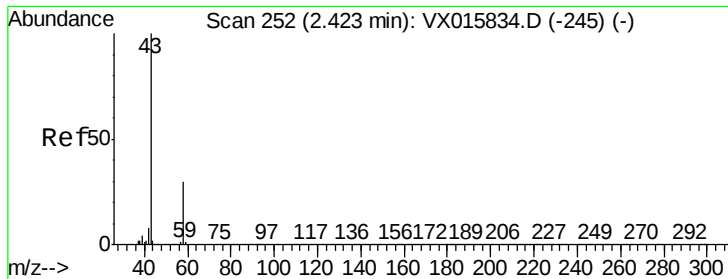


#11

Tert butyl alcohol
 Concen: 59.664 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015866.D
 Acq: 23 Apr 2020 02:04

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	134620		
57	12.2	8.2	12.2	





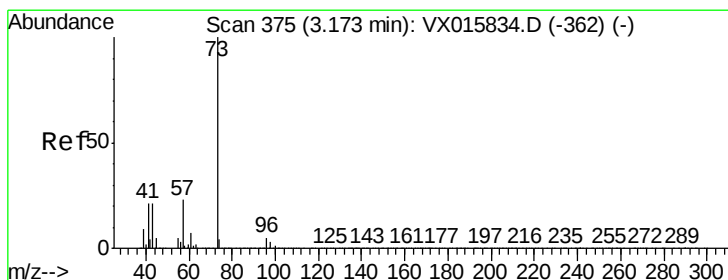
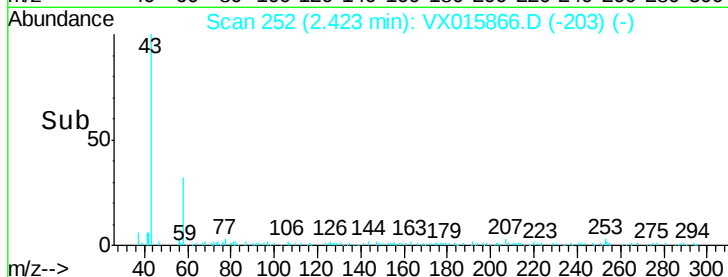
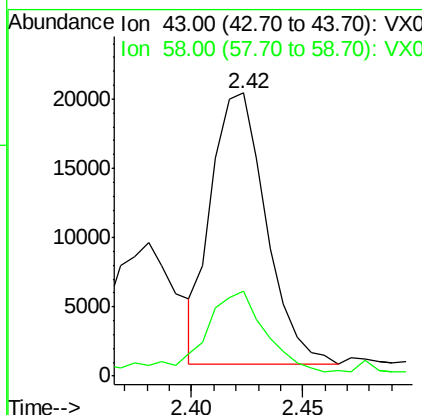
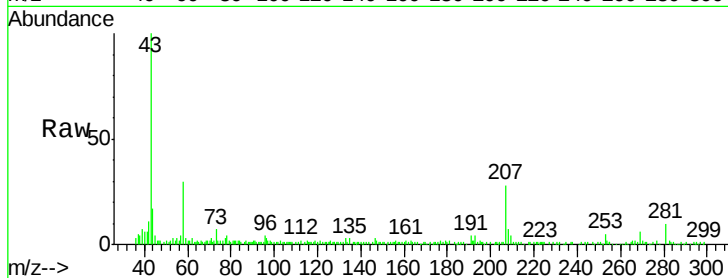
#16
Acetone
Concen: 6.959 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.0	36.0

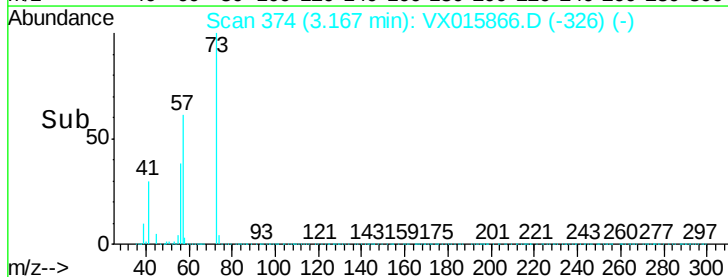
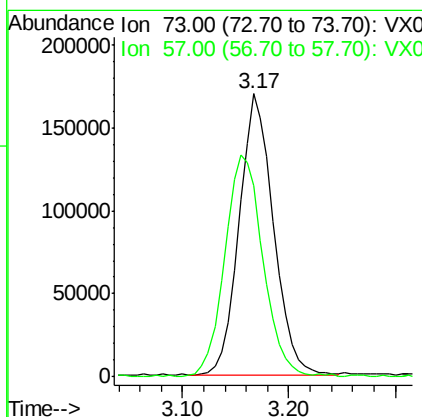
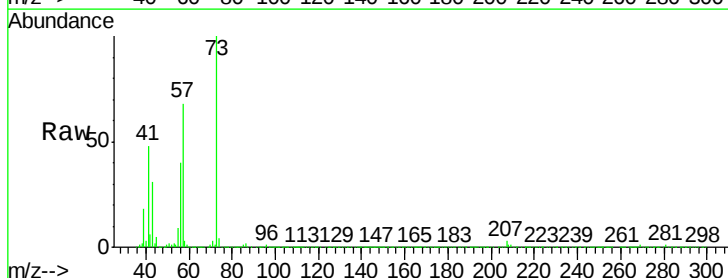
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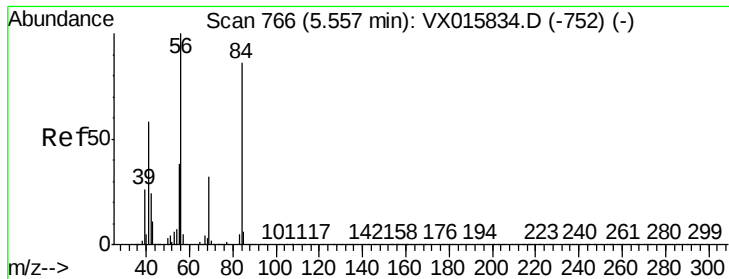
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#19
Methyl tert-butyl Ether
Concen: 12.765 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion	Ratio	Lower	Upper
73	100		
57	67.7	18.1	27.1#





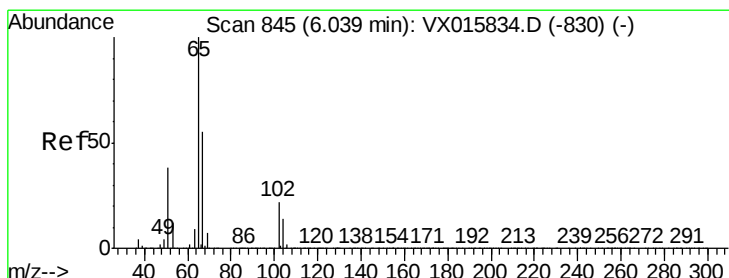
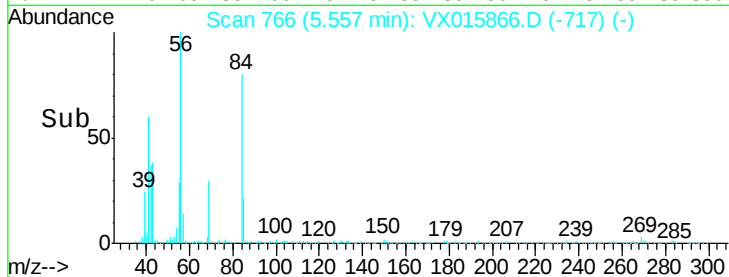
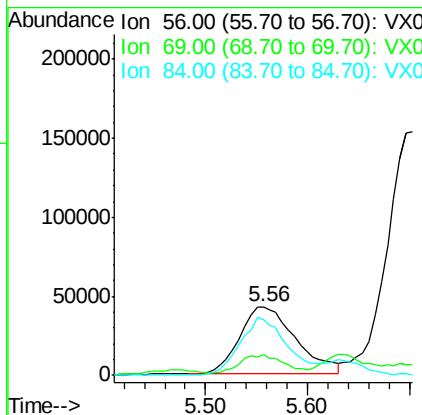
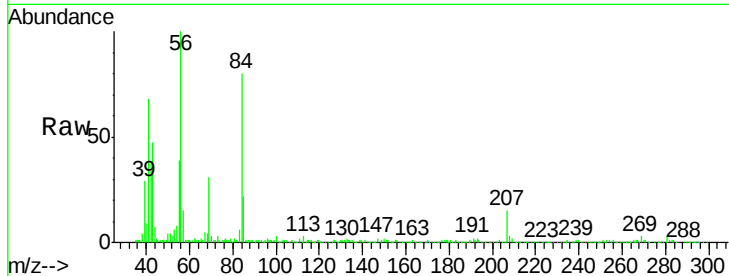
#31
Cvclohexane
Concen: 10.013 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	24.6	25.3	37.9#	
84	81.2	69.1	103.7	

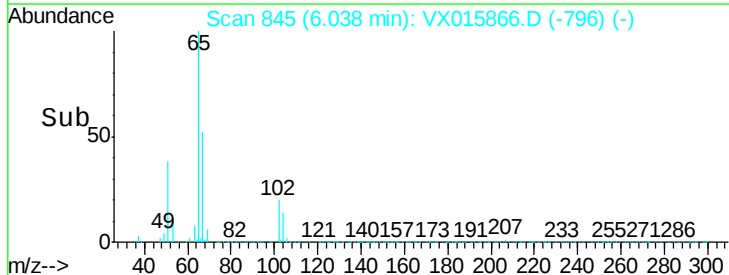
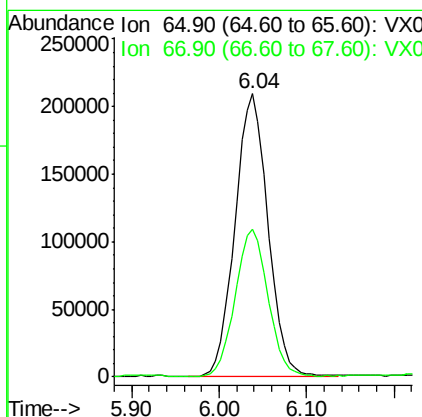
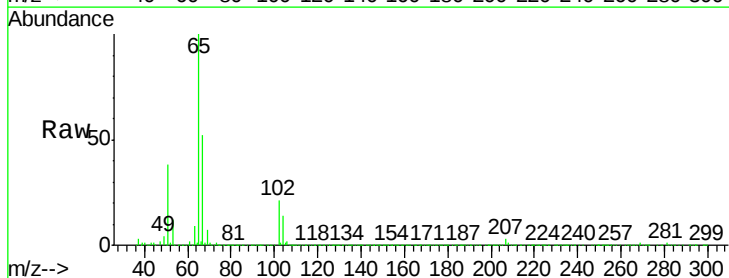
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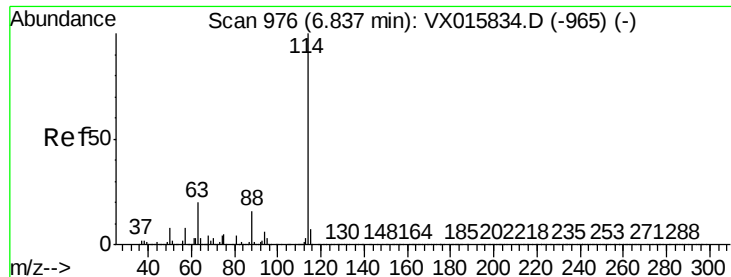
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#33
1,2-Dichloroethane-d4
Concen: 49.495 ug/l
RT: 6.04 min Scan# 845
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	51.9	0.0	104.2	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

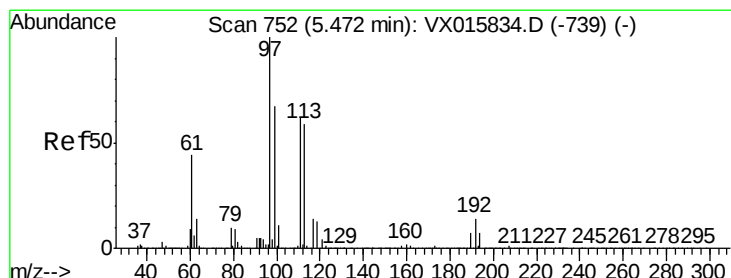
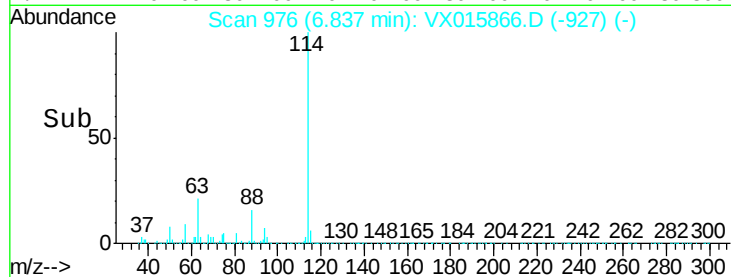
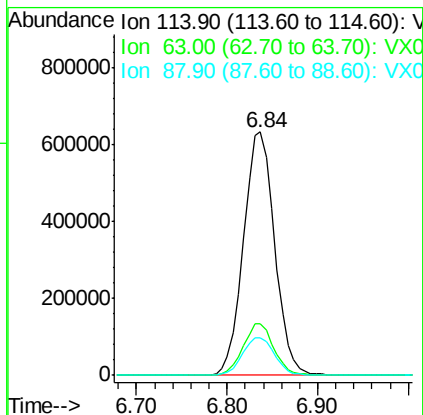
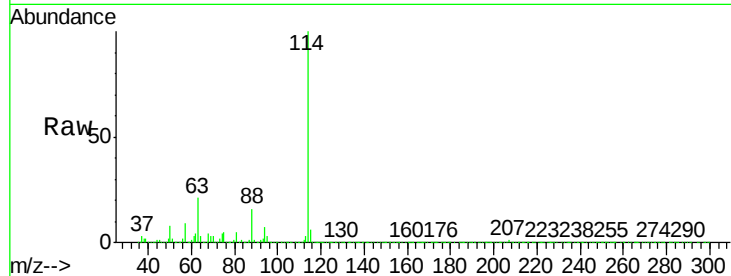
ClientSampleId :

KY001MW078-200421

Tot Ion:	114	Resp:	1506470
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.6
88	15.6	0.0	32.8

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#35

Dibromofluoromethane

Concen: 51.439 ug/l

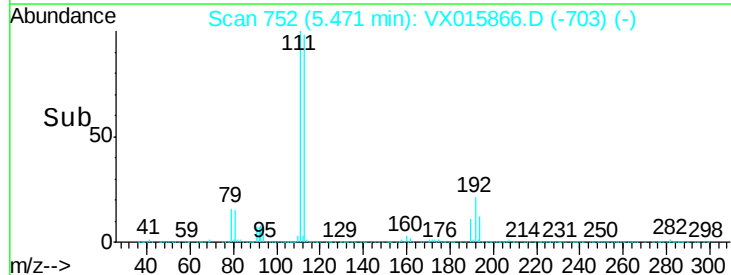
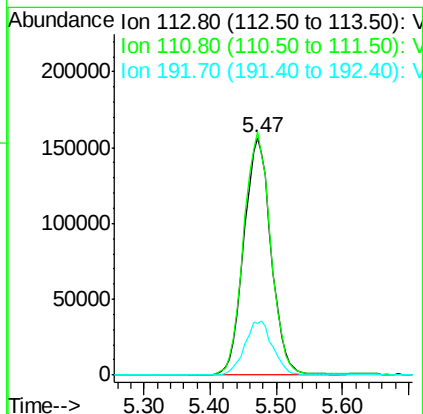
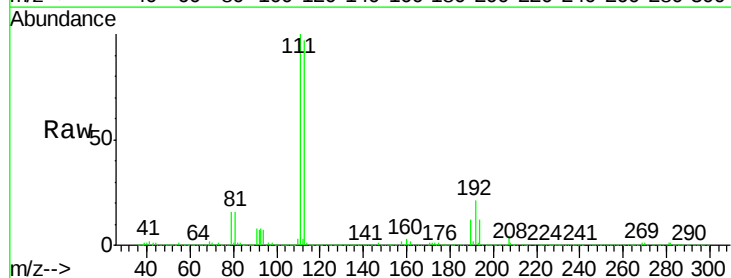
RT: 5.47 min Scan# 752

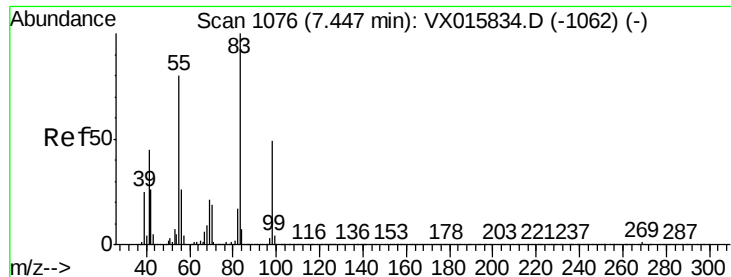
Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Tgt Ion:	113	Resp:	447300
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	22.9	19.3	28.9





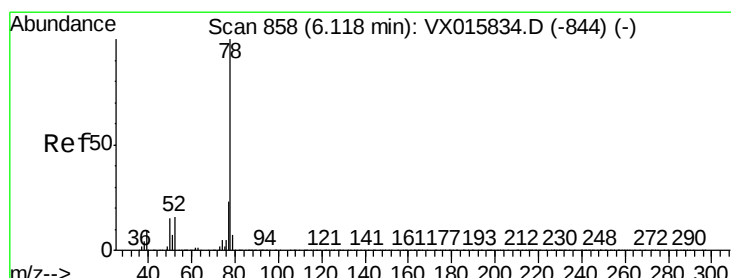
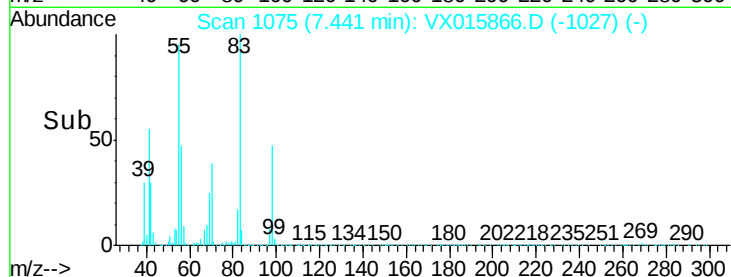
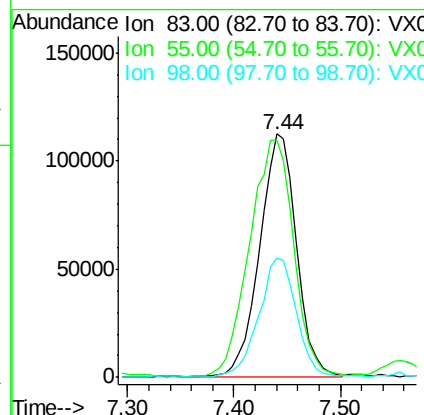
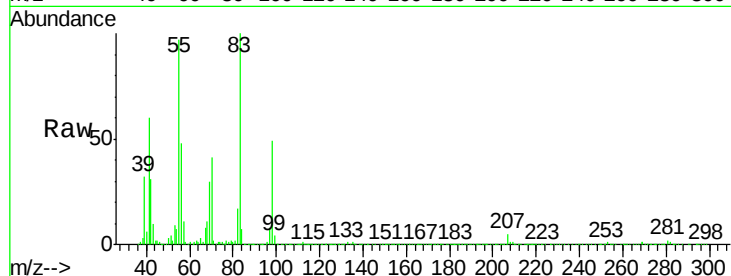
#39
Methvlcvclohexane
Concen: 16.086 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

Tot Ion	Ratio	Lower	Upper
83	100		
55	96.5	64.2	96.4#
98	48.7	39.3	58.9

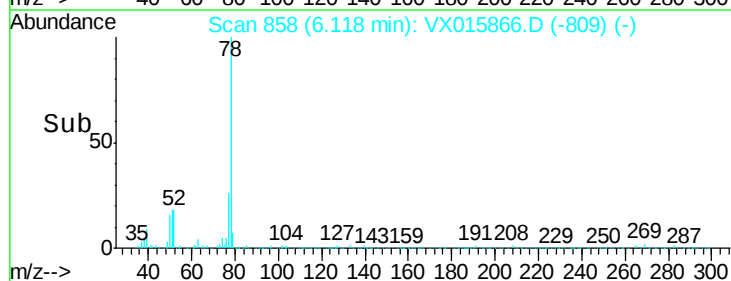
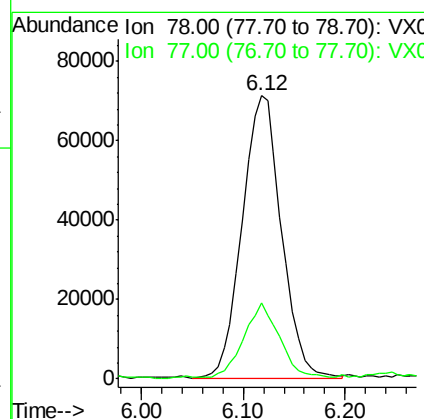
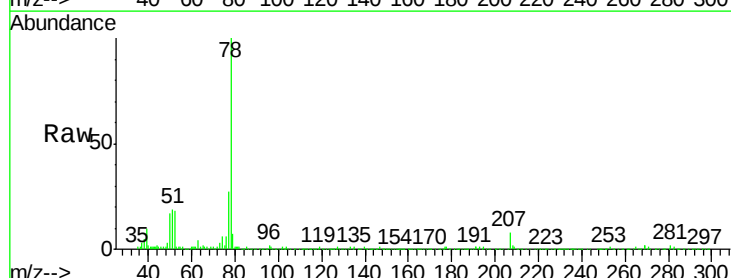
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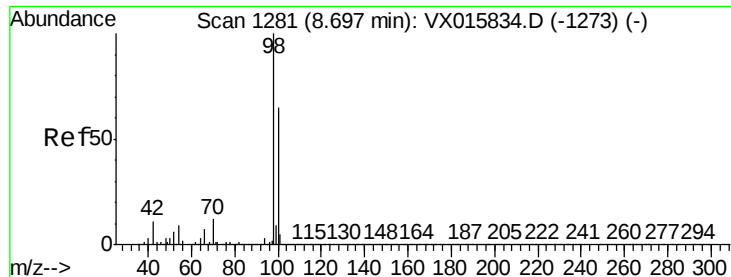
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#40
Benzene
Concen: 4.705 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.7	18.6	27.8





#50

Toluene-d8

Concen: 51.674 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

Tot Ion: 98 Resp: 1808899

Ion Ratio Lower Upper

98 100

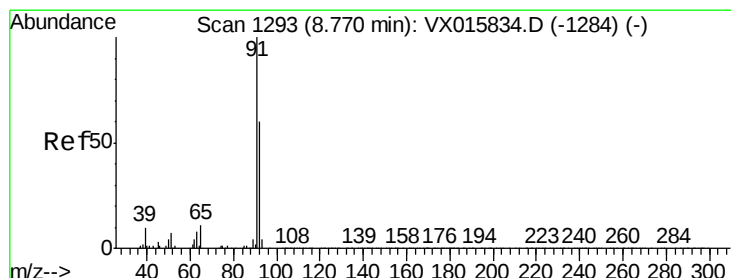
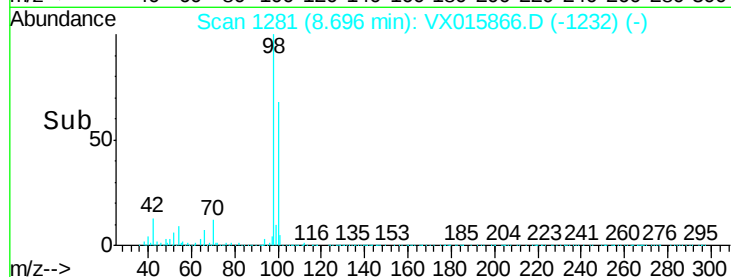
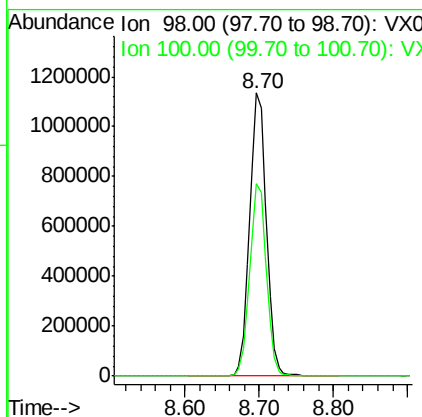
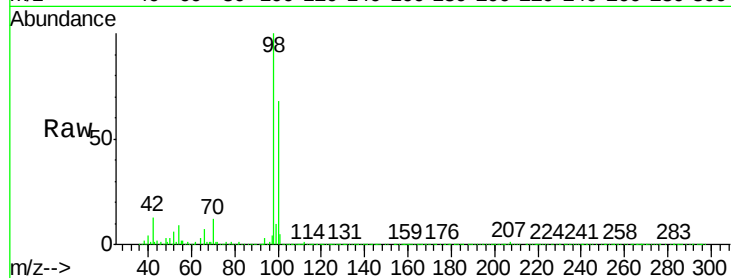
100 67.1 53.8 80.6

Manual Integrations

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#52

Toluene

Concen: 0.513 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015866.D

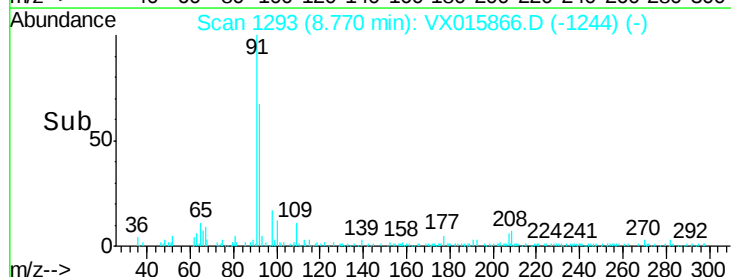
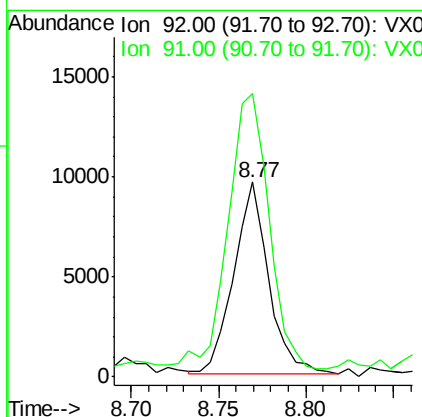
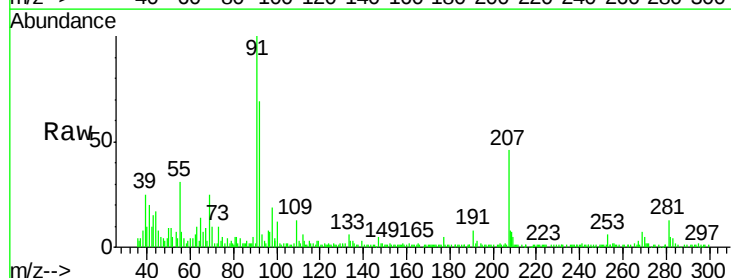
Acq: 23 Apr 2020 02:04

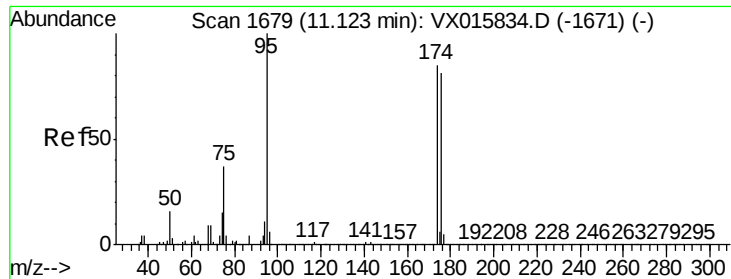
Tgt Ion: 92 Resp: 13218

Ion Ratio Lower Upper

92 100

91 169.1 133.4 200.0





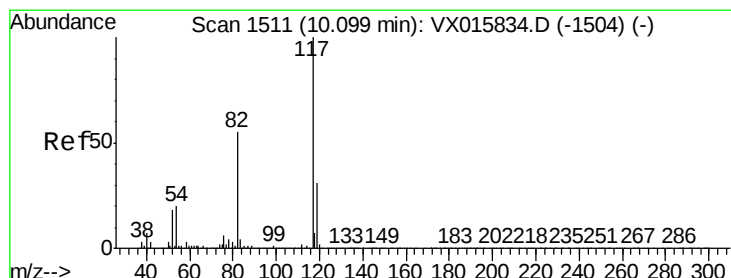
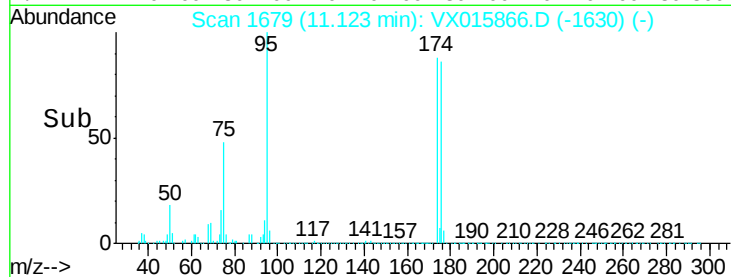
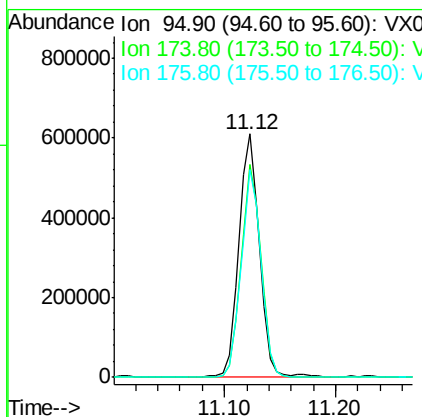
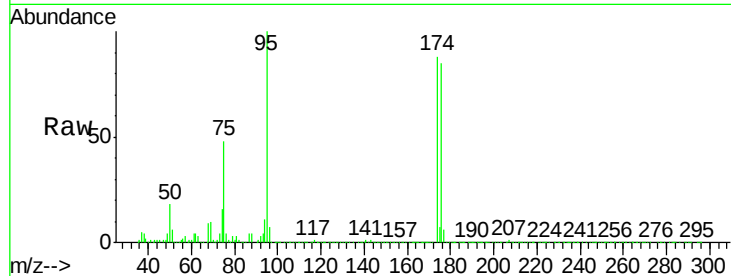
#62
4-Bromofluorobenzene
Concen: 53.636 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

Tot Ion	Ratio	Resp	Lower	Upper
95	100	770224		
174	85.5	0.0	172.4	
176	83.6	0.0	167.0	

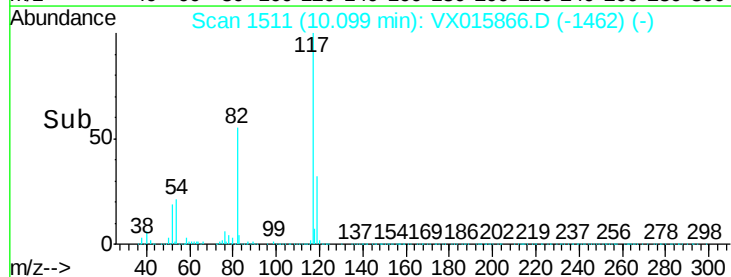
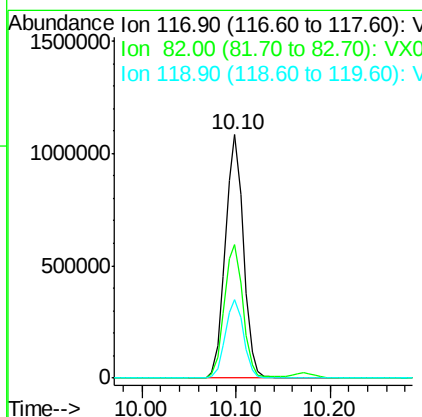
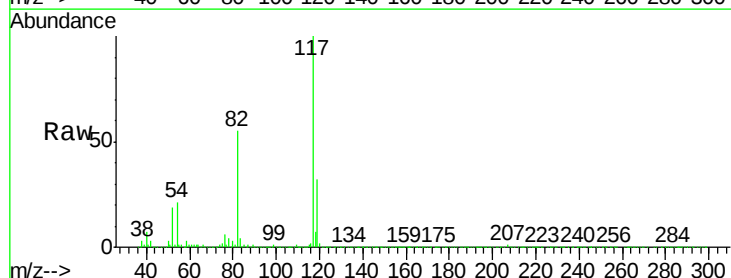
Manual Integrations
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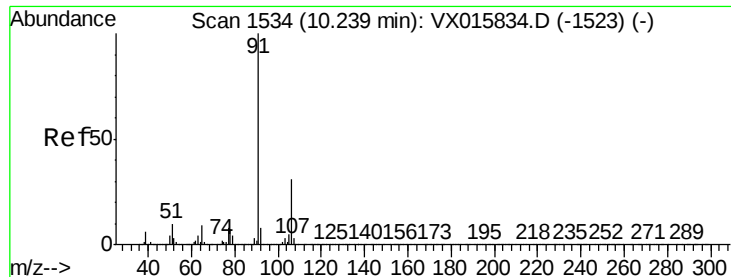
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1449775		
82	54.9	43.9	65.9	
119	32.0	25.1	37.7	





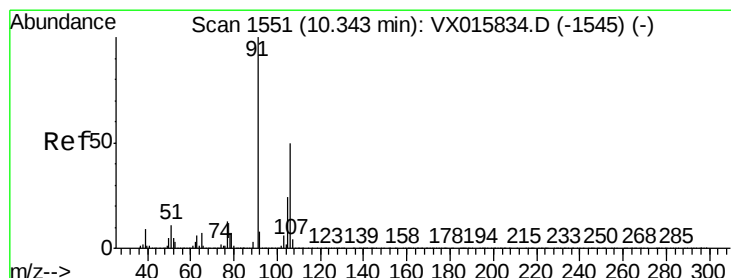
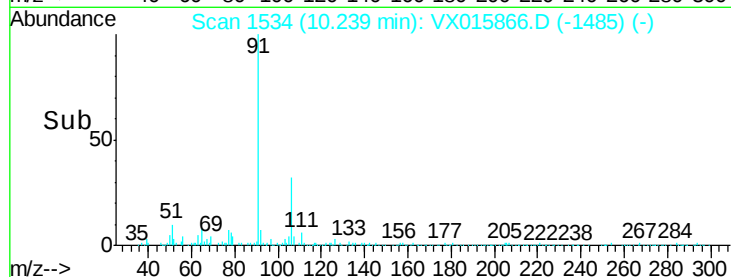
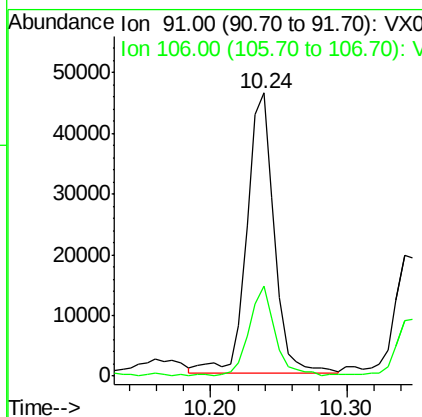
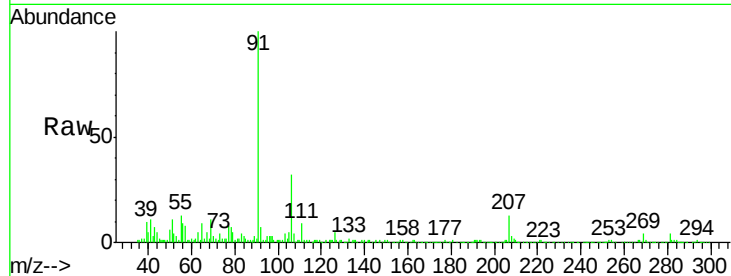
#67
Ethyl Benzene
Concen: 1.286 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

Tot Ion: 91 Resp: 65452
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.4

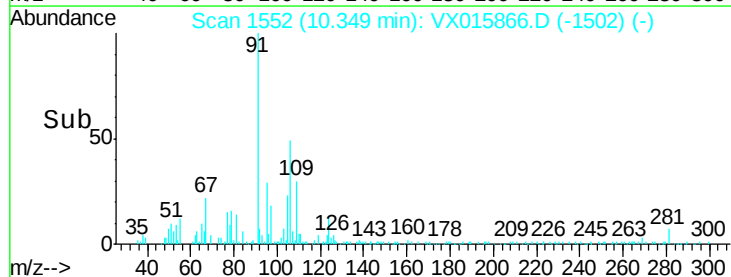
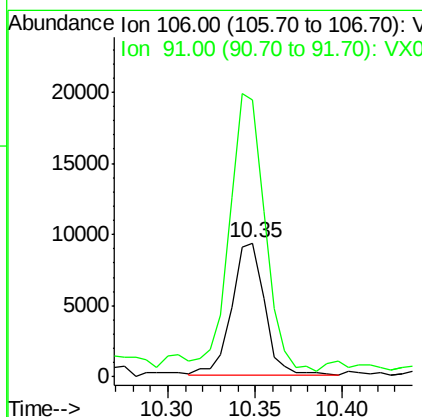
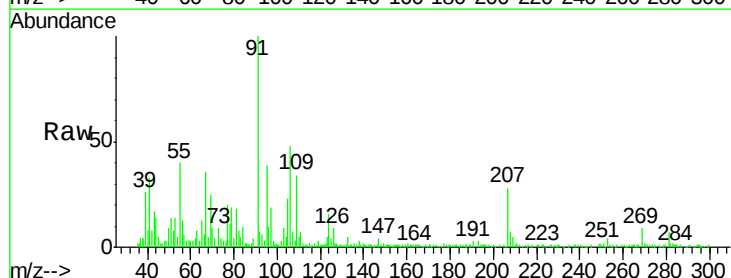
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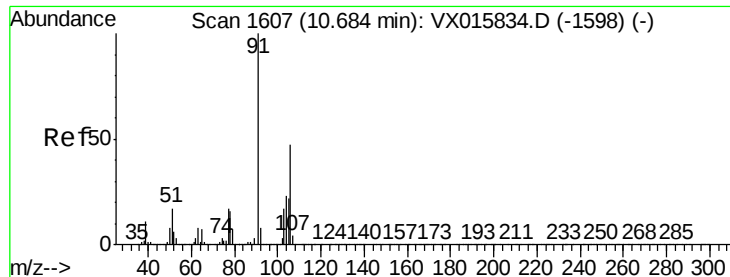
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#68
m/p-Xylenes
Concen: 0.627 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion: 106 Resp: 11986
Ion Ratio Lower Upper
106 100
91 226.9 161.1 241.7





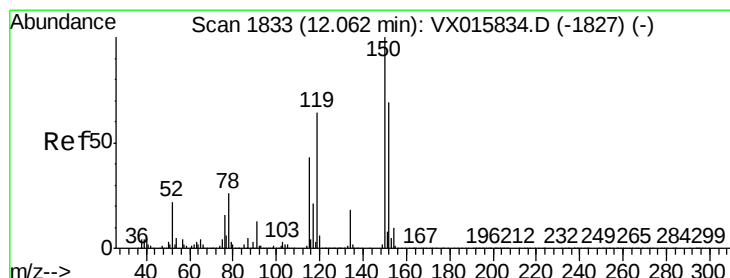
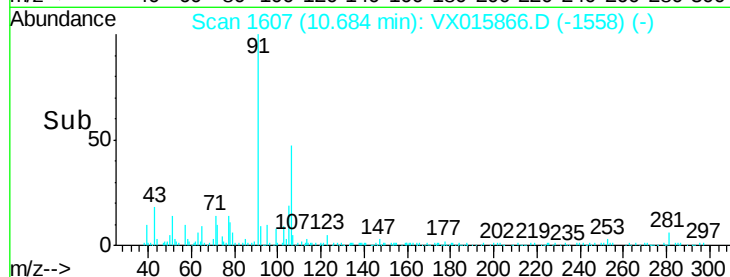
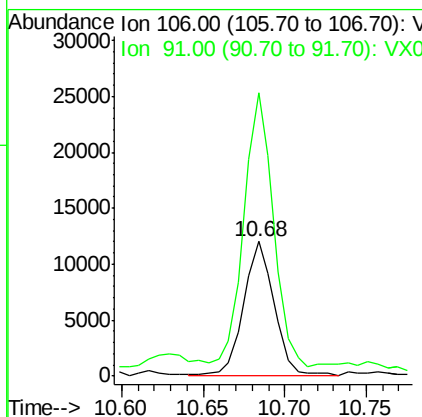
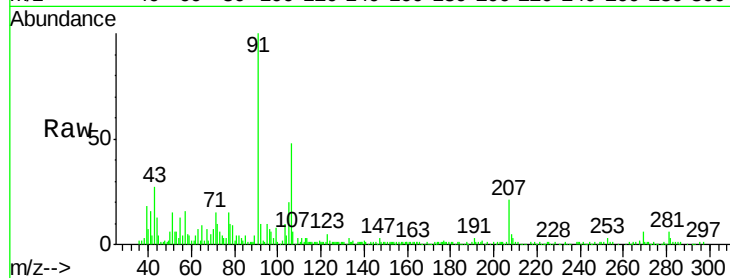
#69
o-Xylene
Concen: 0.848 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

Tot Ion	Ratio	Lower	Upper
106	100		
91	195.2	107.1	321.3

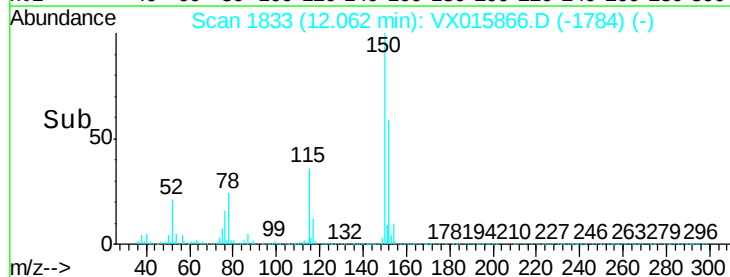
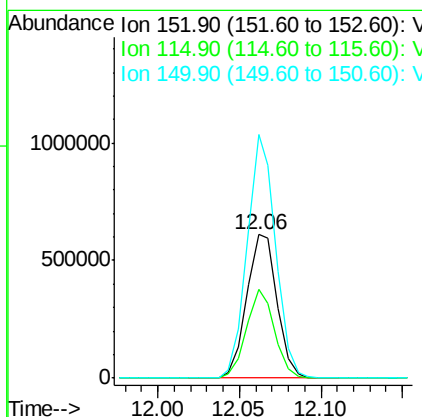
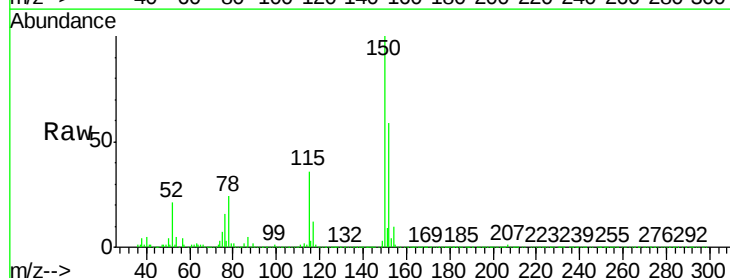
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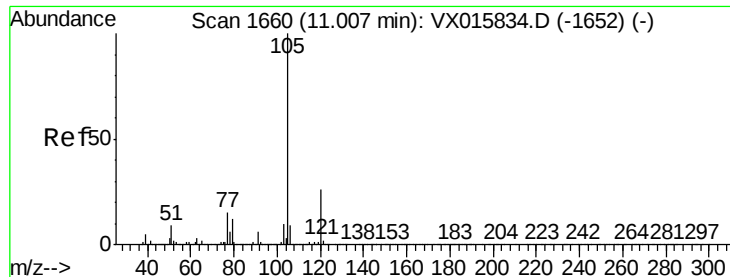
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.0	116.9
150	159.3	0.0	336.8





#73

Isopropylbenzene

Concen: 51.746 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

Tot Ion:105 Resp: 2593290

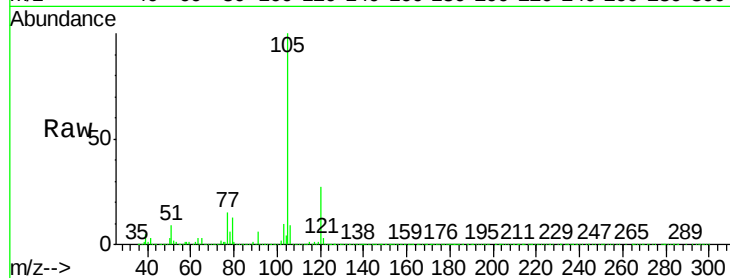
Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.1

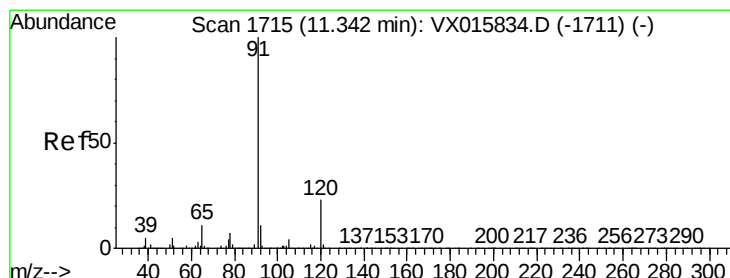
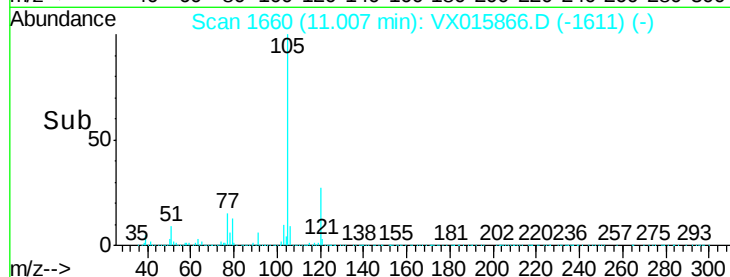
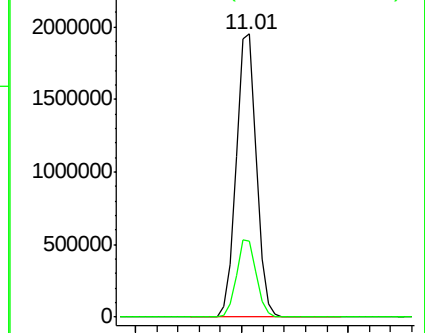
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 88.366 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015866.D

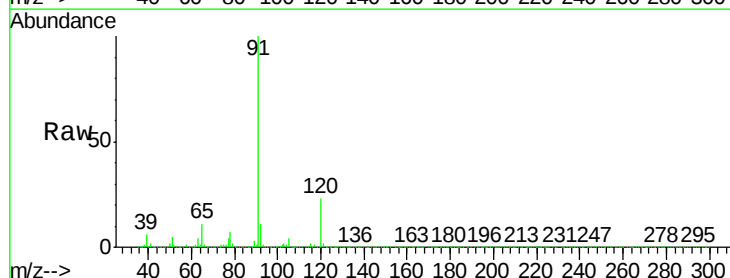
Acq: 23 Apr 2020 02:04

Tgt Ion: 91 Resp: 5073093

Ion Ratio Lower Upper

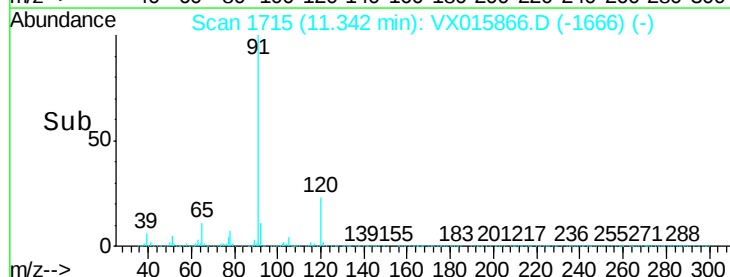
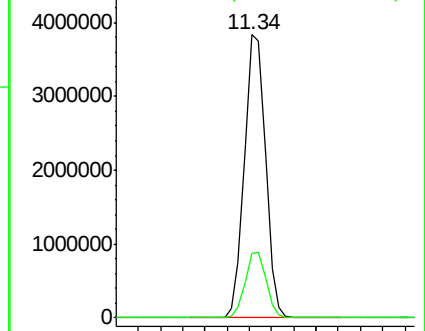
91 100

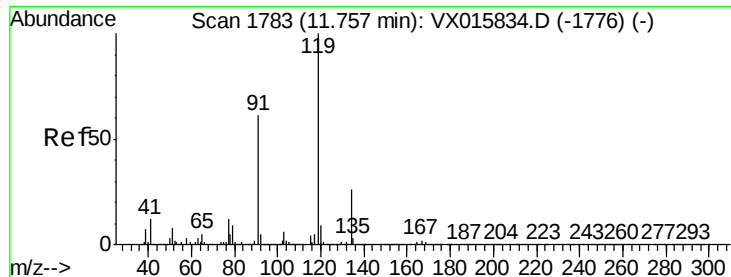
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 0.672 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

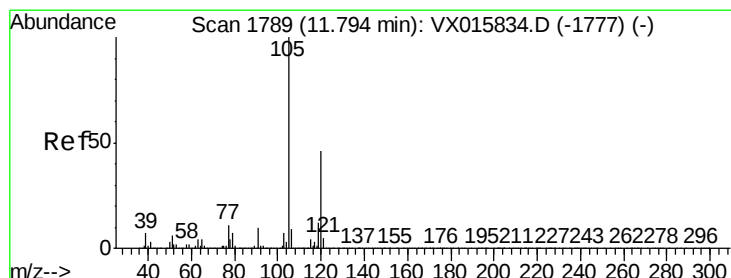
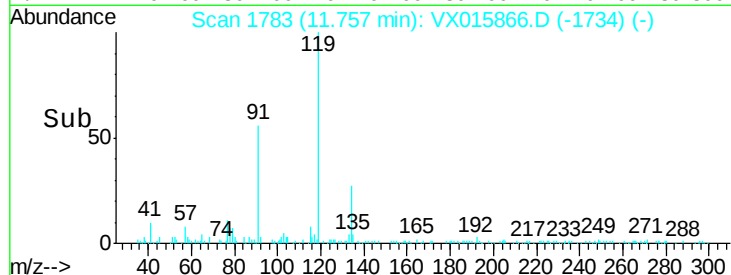
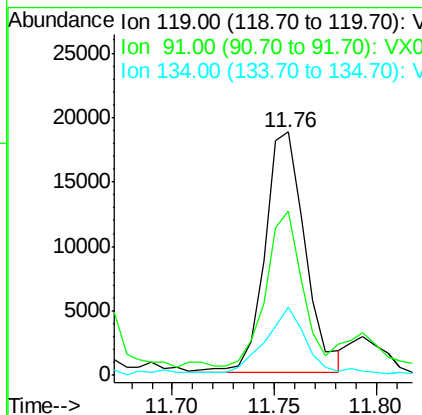
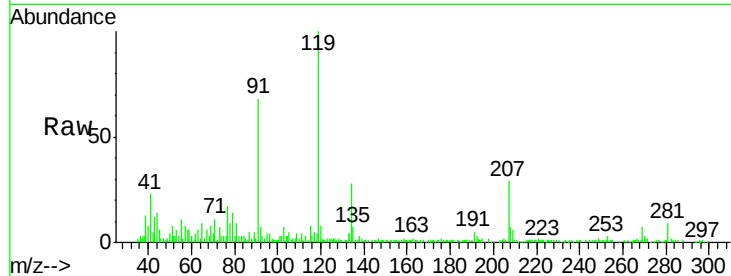
ClientSampleId :

KY001MW078-200421

Tot Ion:	119	Resp:	25455
Ion Ratio	Lower	Upper	
119	100		
91	58.1	30.9	92.7
134	27.8	12.4	37.2

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#84

1,2,4-Trimethylbenzene

Concen: 0.637 ug/l

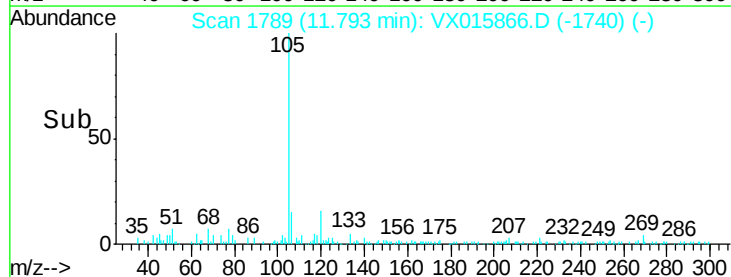
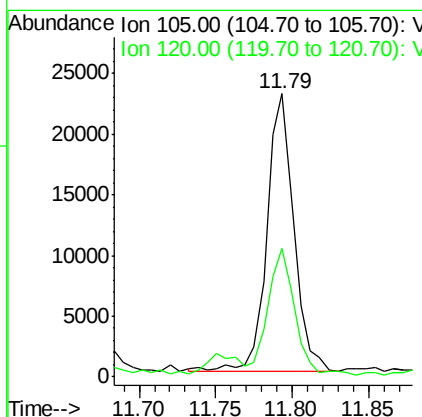
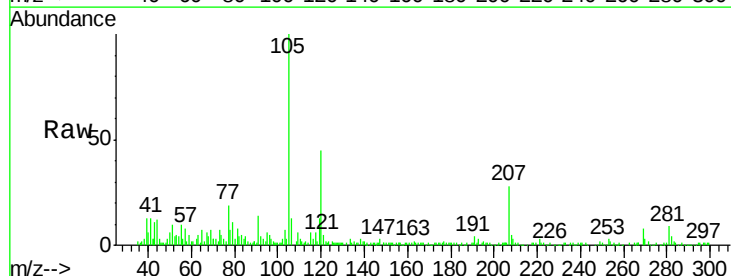
RT: 11.79 min Scan# 1789

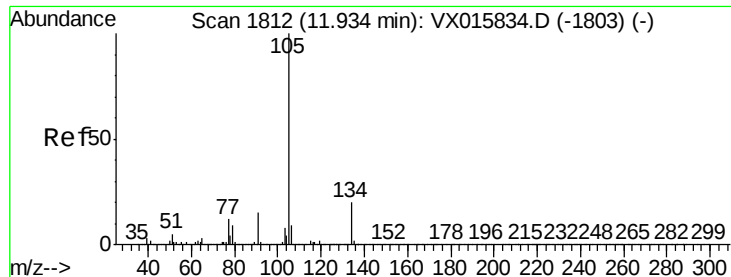
Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Tgt Ion:	105	Resp:	28241
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.9	68.7





#85

sec-Butylbenzene

Concen: 7.873 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

Tot Ion: 105 Resp: 393380

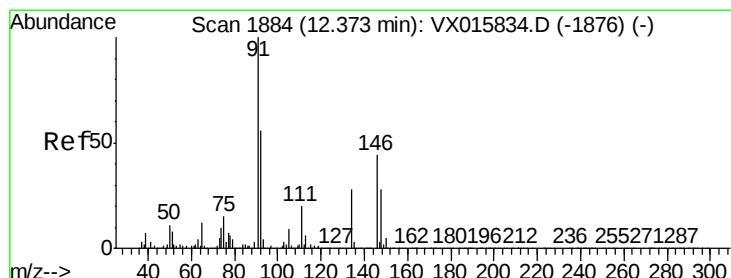
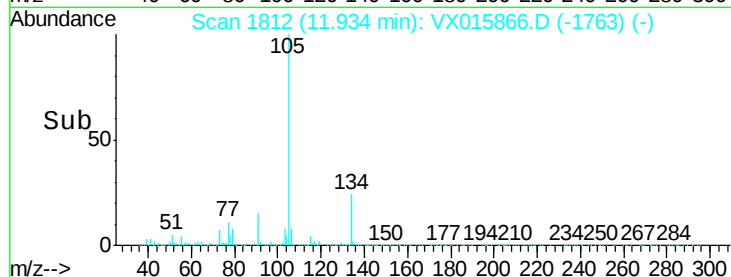
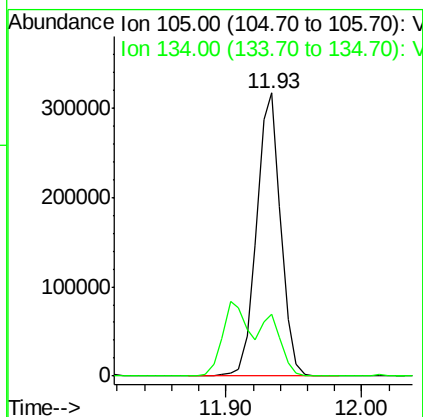
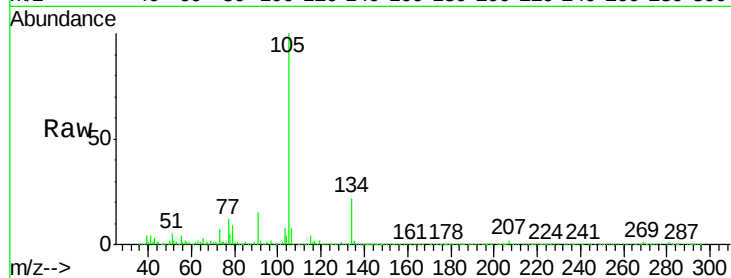
Ion Ratio Lower Upper

105 100

134 18.0 10.3 30.8

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#89

n-Butylbenzene

Concen: 8.001 ug/l m

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

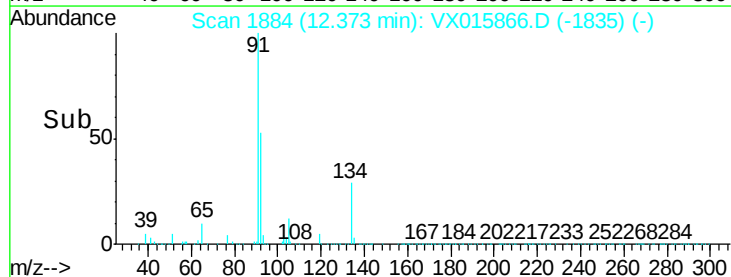
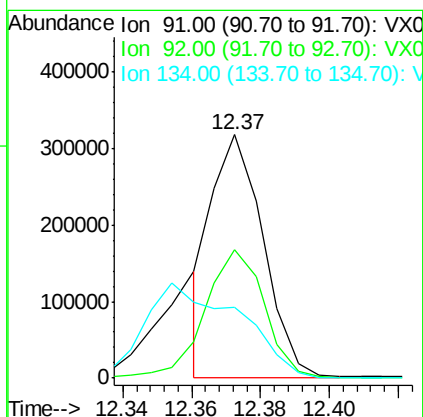
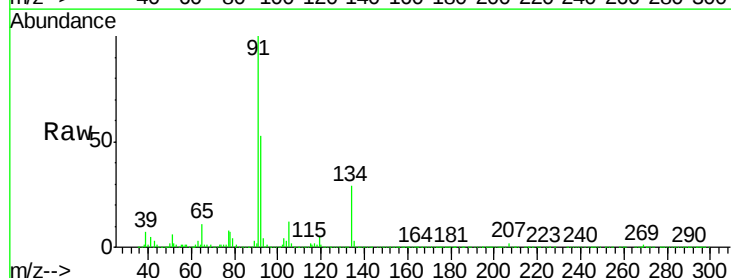
Tgt Ion: 91 Resp: 334253

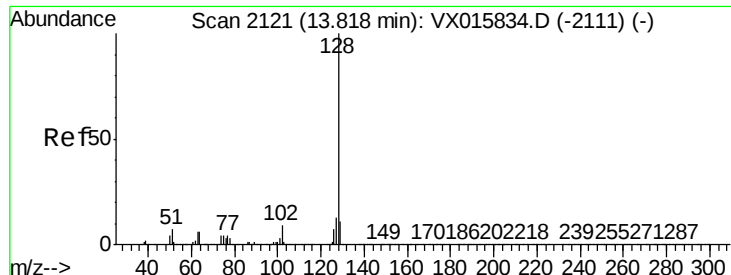
Ion Ratio Lower Upper

91 100

92 60.6 27.7 83.1

134 70.6 14.1 42.4#





#95
Naphthalene
Concen: 15.618 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	12.2	8.5	12.7

Manual Integrations
APPROVED

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