

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015888.D
 Acq On : 23 Apr 2020 14:23
 Operator : JC/SP
 Sample : L2380-11DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421DL

Manual Integrations
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MMDadoda
 4/24/2020 11:06:33 AM

Quant Time: Apr 24 05:04:17 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	828369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1266869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1261234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	726577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	461790	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	5.47	113	371178	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	8.70	98	1554309	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	11.12	95	668781	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.56	56	63391	4.605	ug/l #	91
39) Methylcyclohexane	7.44	83	94089	6.615	ug/l	98
40) Benzene	6.12	78	500535	14.797	ug/l	97
67) Ethyl Benzene	10.24	91	2837592	64.069	ug/l	99
68) m/p-Xylenes	10.35	106	419321	25.224	ug/l	100
69) o-Xylene	10.68	106	313226	19.147	ug/l	95
73) Isopropylbenzene	11.00	105	1012005	21.931	ug/l	98
78) n-propylbenzene	11.34	91	1251006	23.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	546319	13.885	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2215099	54.226	ug/l	99
85) sec-Butylbenzene	11.93	105	57492m	1.250	ug/l	
86) p-Isopropyltoluene	12.05	119	18890	0.439	ug/l #	71
89) n-Butylbenzene	12.37	91	38272m	0.995	ug/l	
95) Naphthalene	13.82	128	660444	13.272	ug/l	99

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

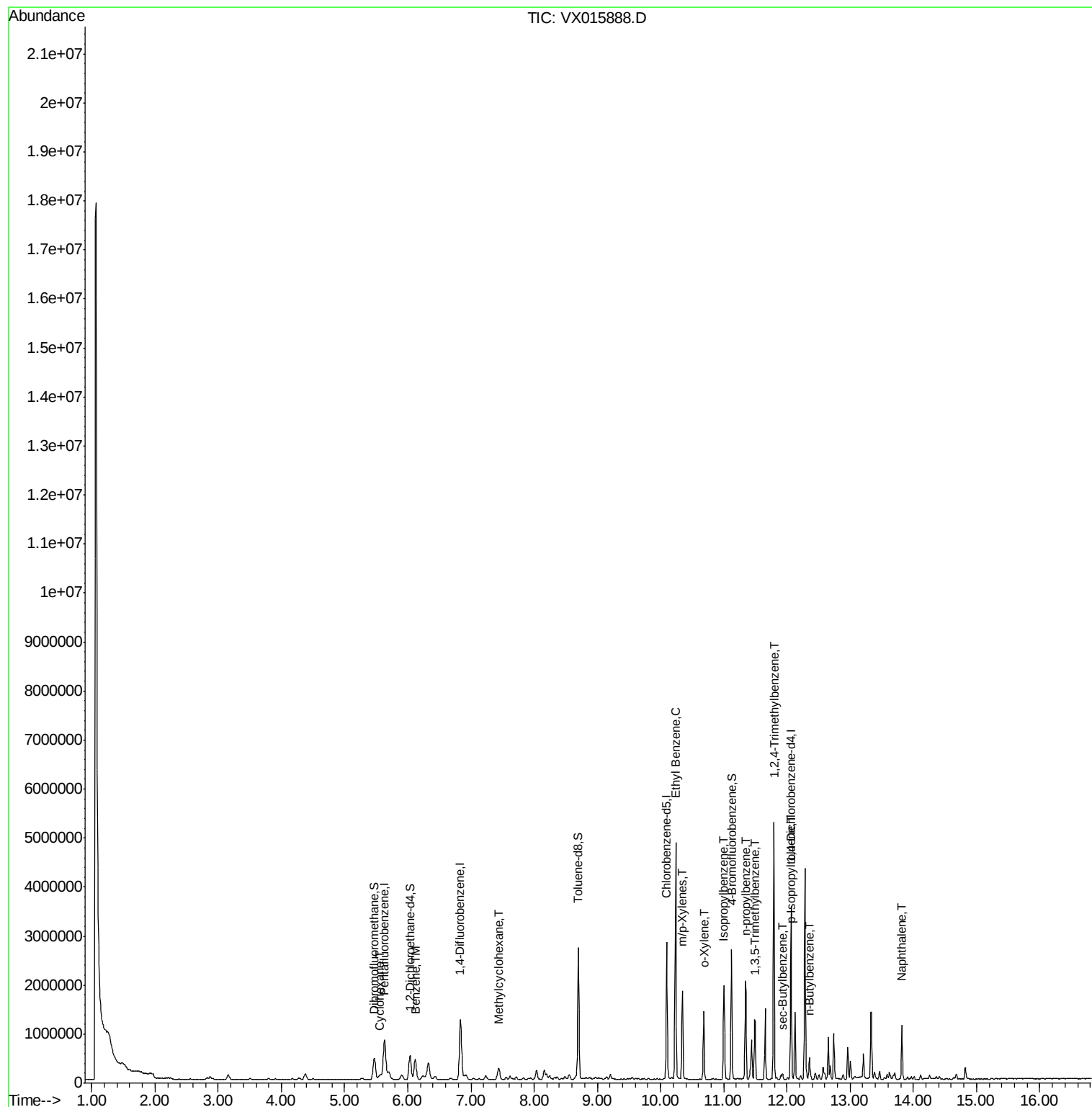
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015888.D
Acq On : 23 Apr 2020 14:23
Operator : JC/SP
Sample : L2380-11DL 20X
Misc : 5.0mL/MSVOA X/WATER
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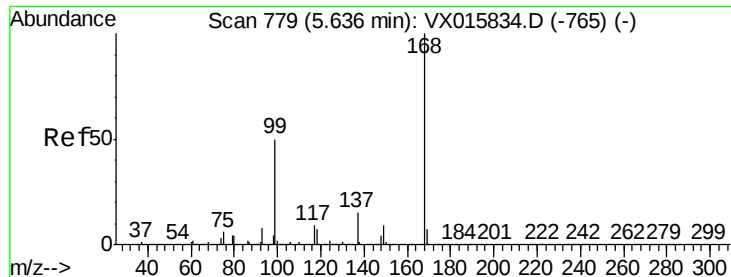
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421DL

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Quant Time: Apr 24 05:04:17 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: VX015888.D

Acq: 23 Apr 2020 14:23

Instrument :

MSVOA_X

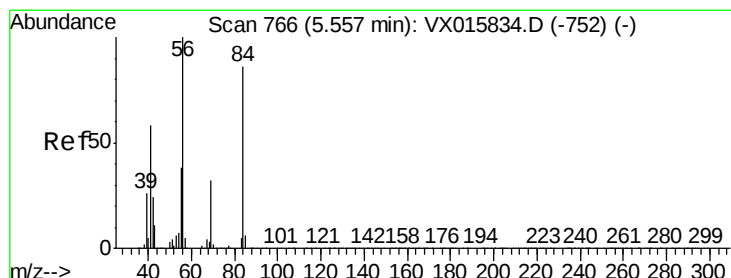
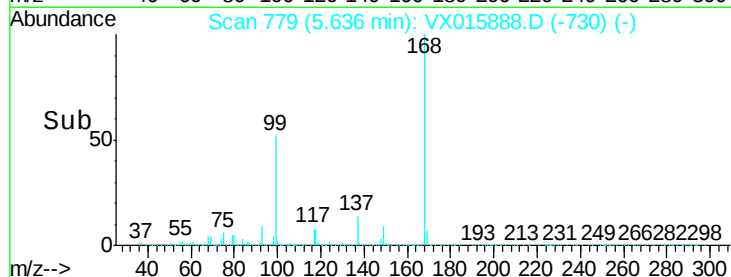
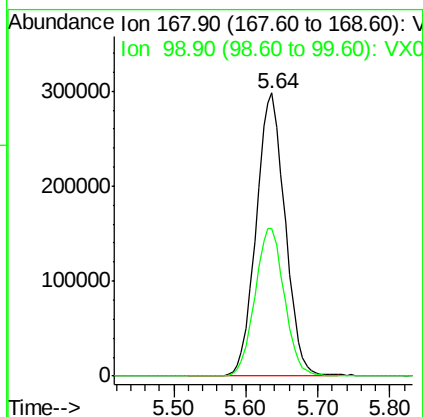
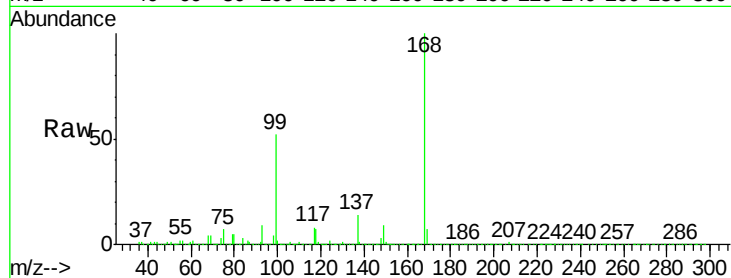
ClientSampleId :

KY001MW079-200421DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
99	52.1	40.3	60.5	

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#31

Cyclohexane

Concen: 4.605 ug/l

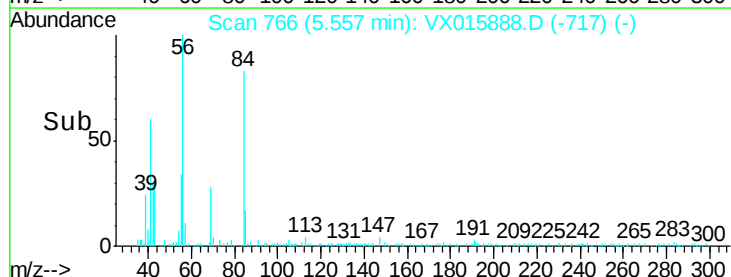
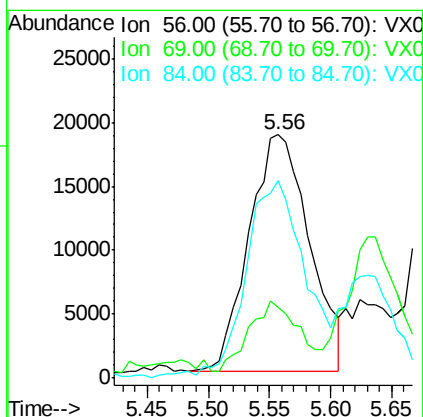
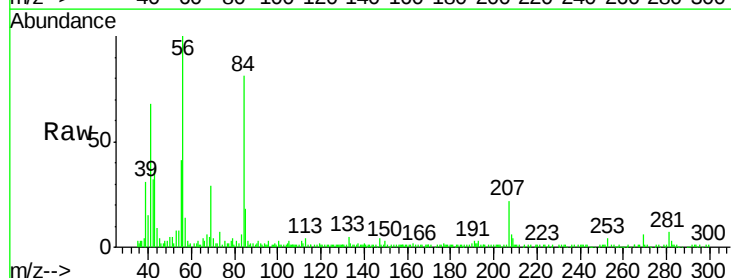
RT: 5.56 min Scan# 766

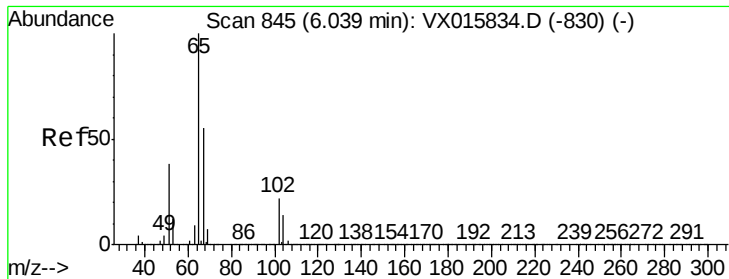
Delta R.T. 0.00 min

Lab File: VX015888.D

Acq: 23 Apr 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
56	100			
69	23.2	25.3	37.9	
84	80.7	69.1	103.7	





#33

1,2-Dichloroethane-d4

Concen: 49.014 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015888.D

Acq: 23 Apr 2020 14:23

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421DL

Tot Ion: 65 Resp: 461790

Ion Ratio Lower Upper

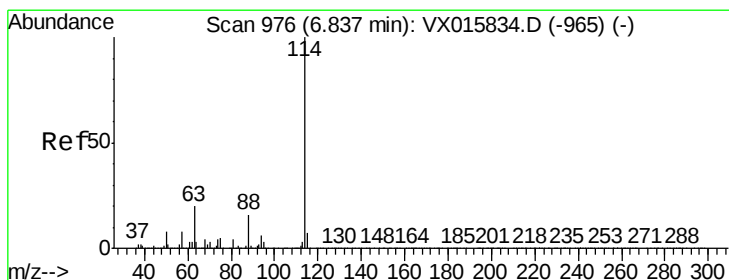
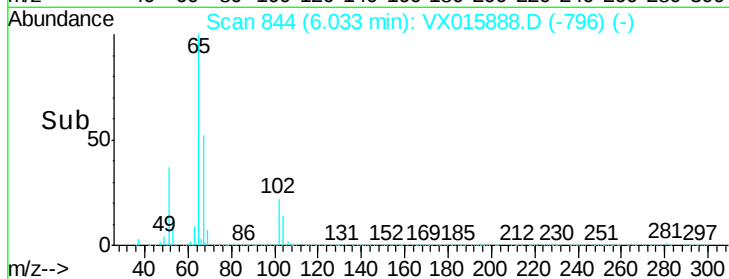
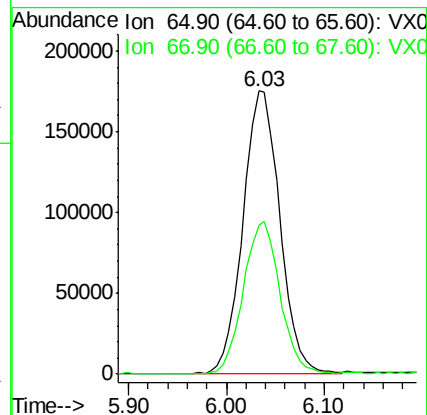
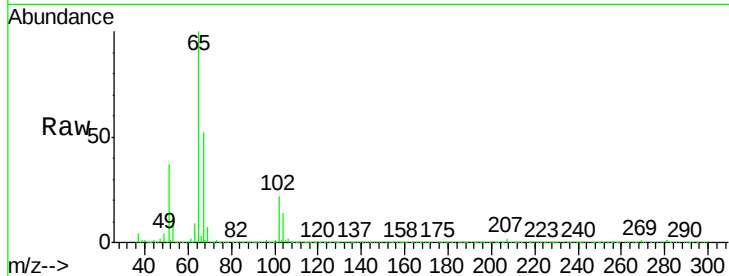
65 100

67 53.1 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015888.D

Acq: 23 Apr 2020 14:23

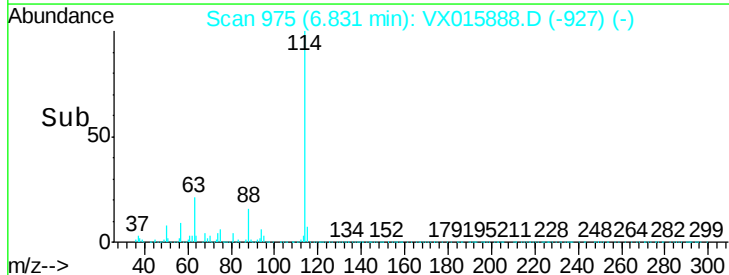
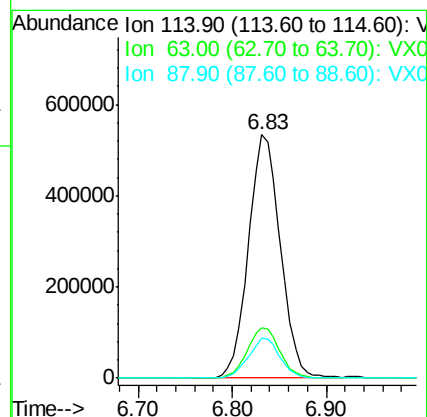
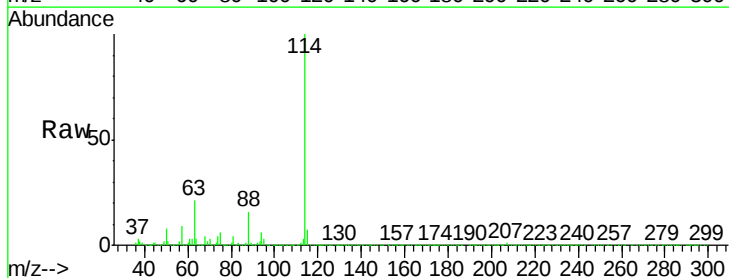
Tgt Ion: 114 Resp: 1266869

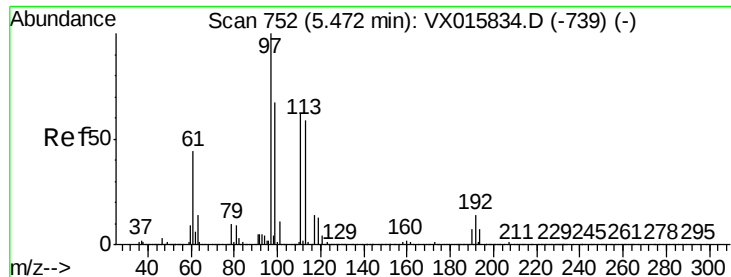
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

88 16.3 0.0 32.8





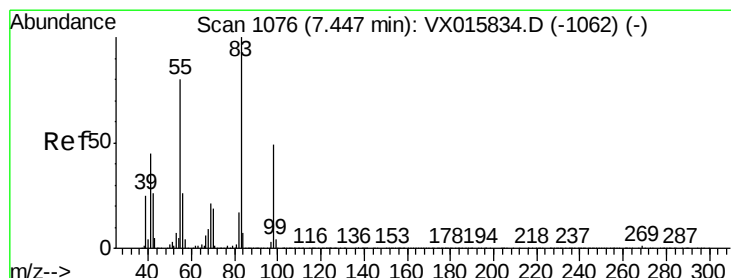
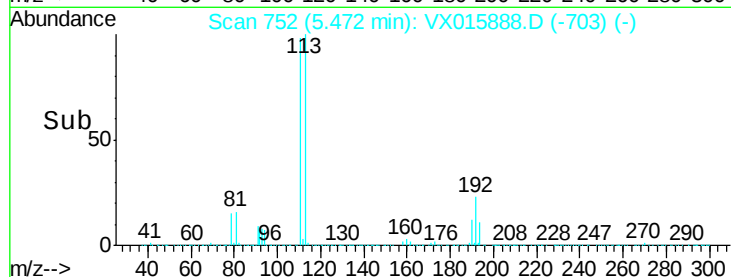
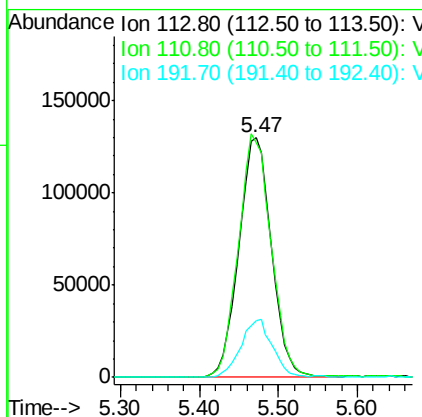
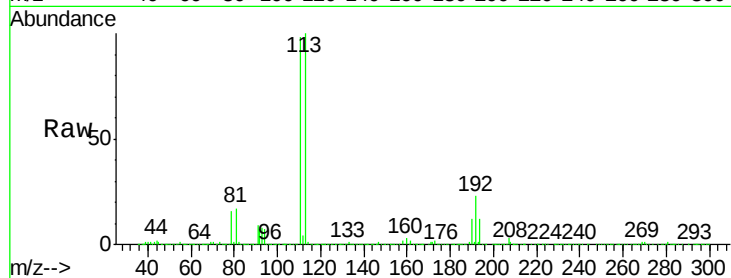
#35
Dibromofluoromethane
Concen: 50.758 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	371178		
111	101.5	82.7	124.1	
192	23.1	19.3	28.9	

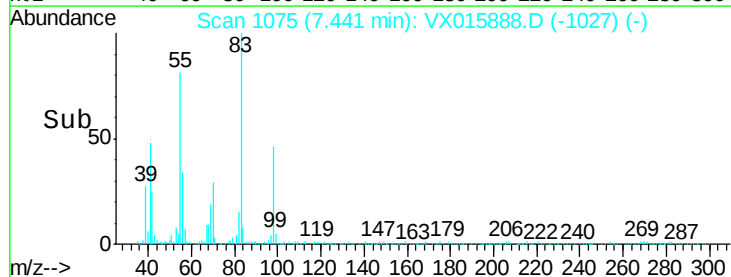
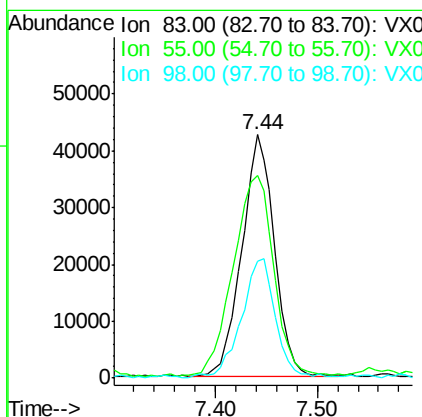
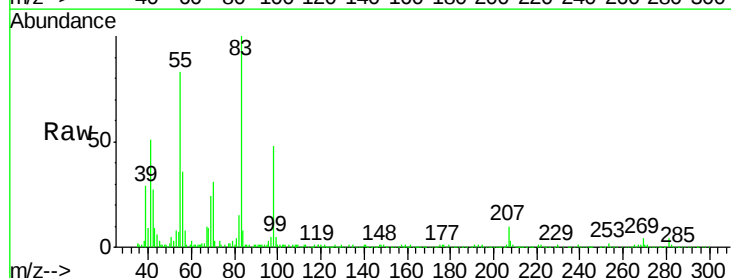
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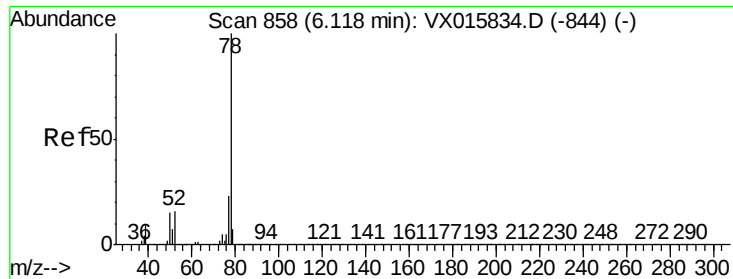
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#39
Methylcyclohexane
Concen: 6.615 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	94089		
55	82.9	64.2	96.4	
98	48.0	39.3	58.9	





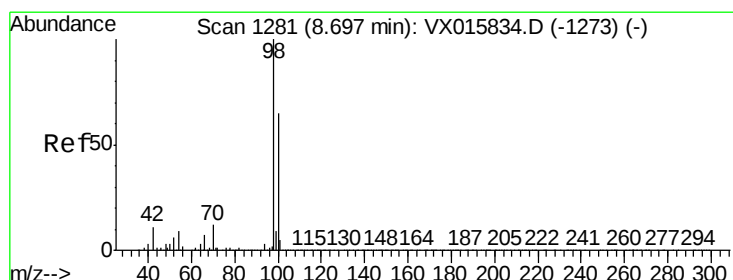
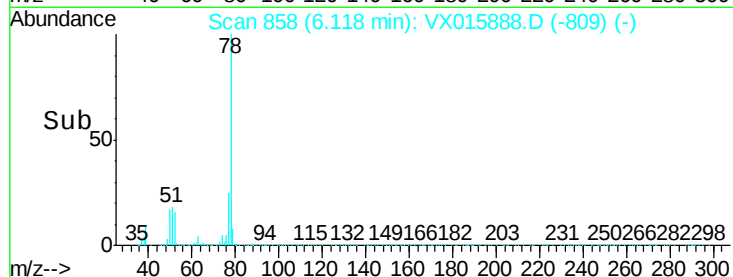
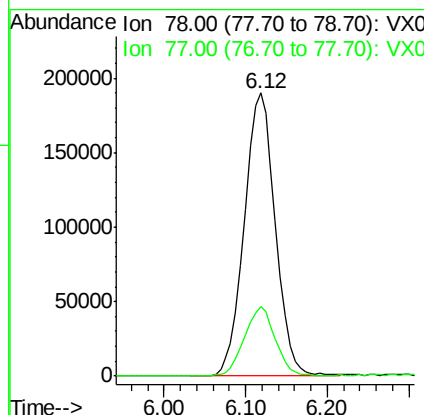
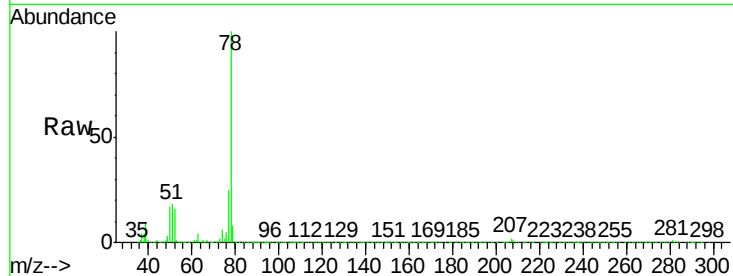
#40
Benzene
Concen: 14.797 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421DL

Tot Ion: 78 Resp: 500535
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8

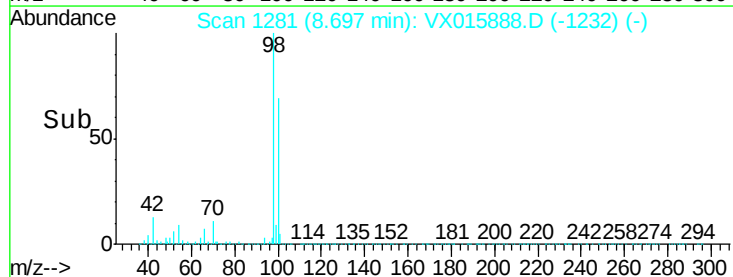
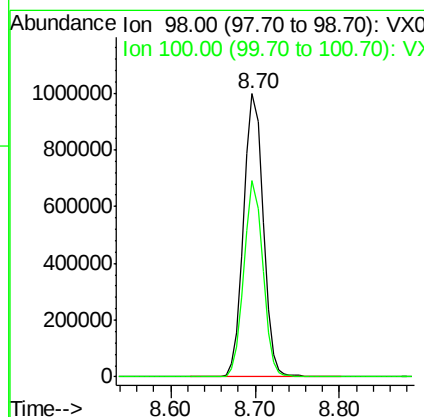
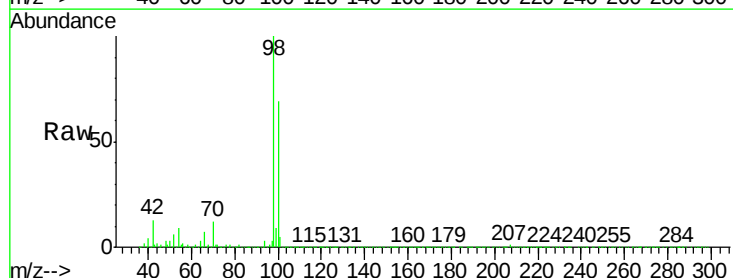
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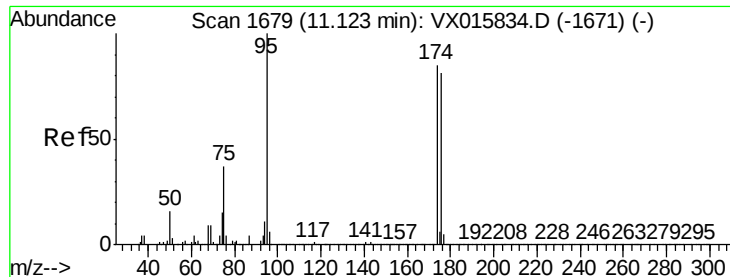
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#50
Toluene-d8
Concen: 52.799 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Tgt Ion: 98 Resp: 1554309
Ion Ratio Lower Upper
98 100
100 67.0 53.8 80.6





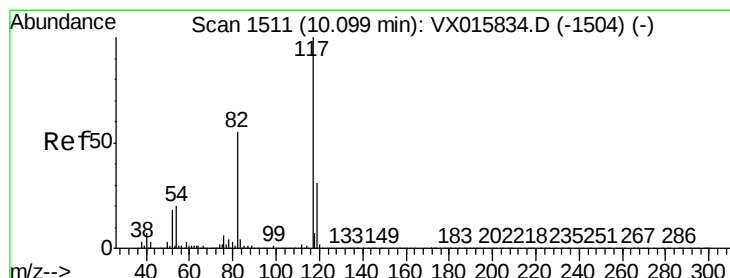
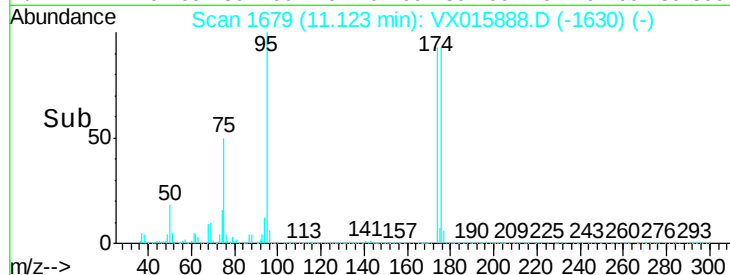
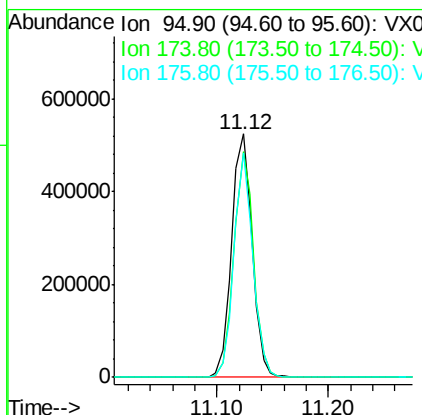
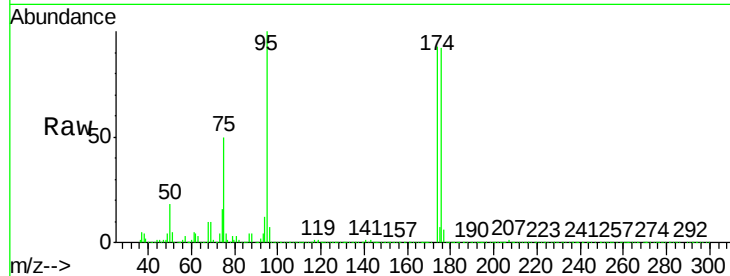
#62
4-Bromofluorobenzene
Concen: 55.379 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	668781		
174	89.0	0.0	172.4	
176	85.0	0.0	167.0	

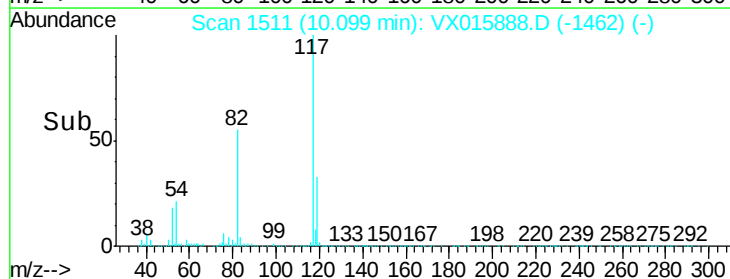
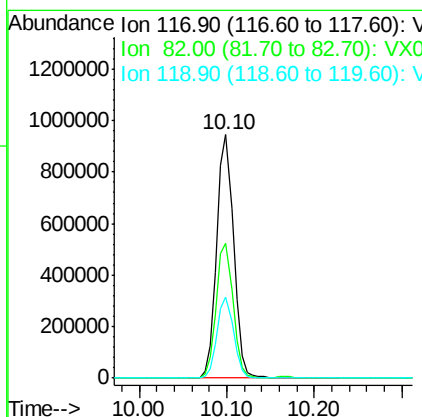
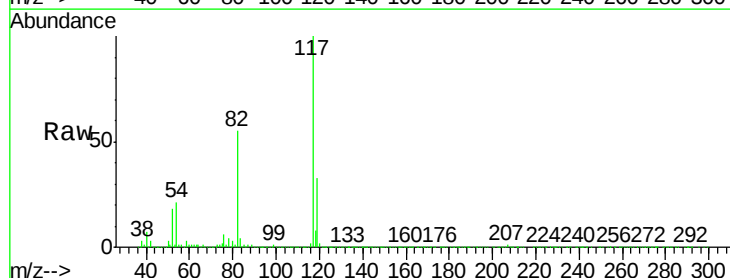
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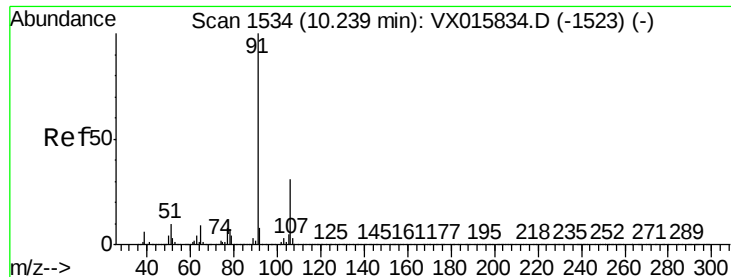
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1261234		
82	55.3	43.9	65.9	
119	33.2	25.1	37.7	





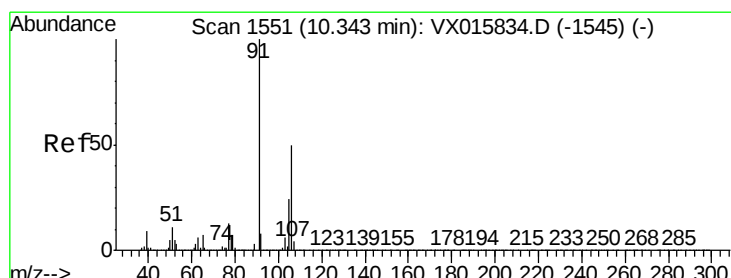
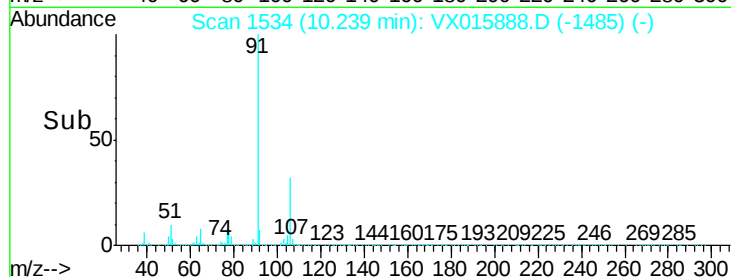
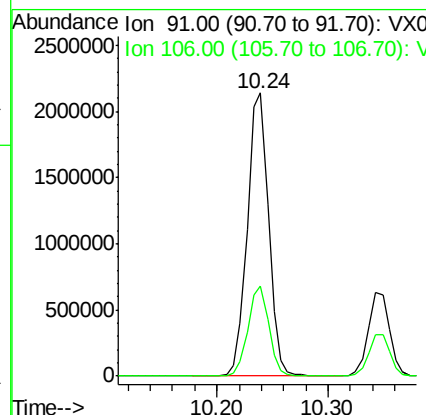
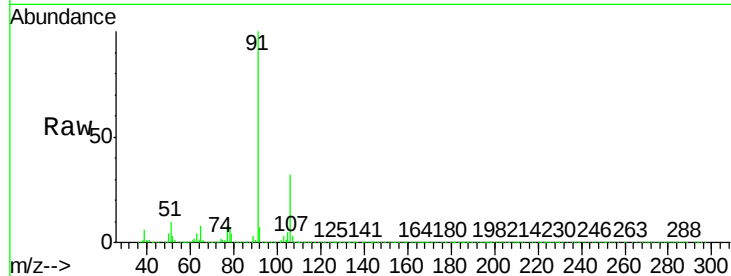
#67
Ethyl Benzene
Concen: 64.069 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421DL

Tot Ion: 91 Resp: 2837592
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

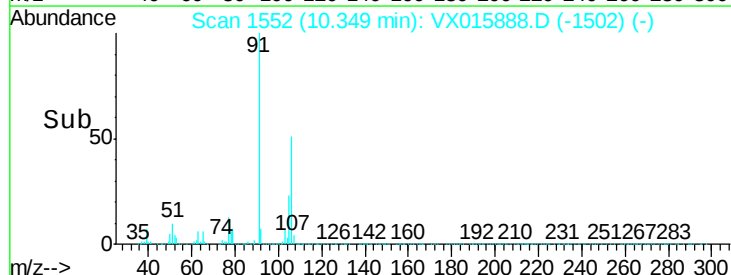
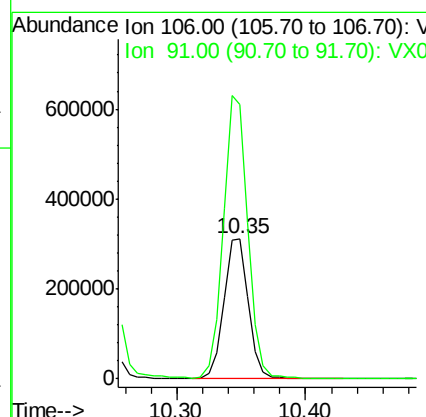
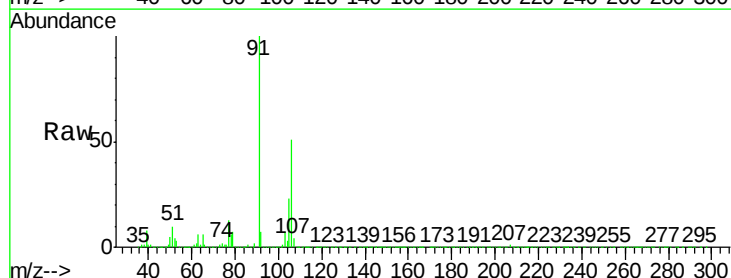
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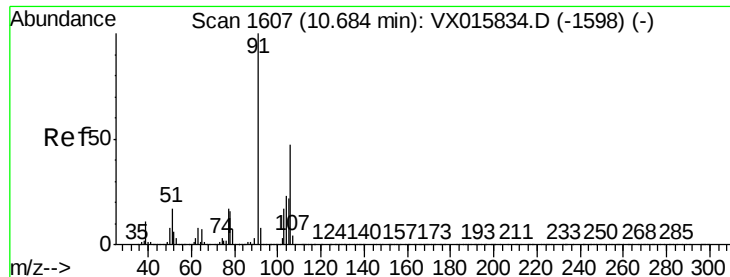
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#68
m/p-Xylenes
Concen: 25.224 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Tgt Ion: 106 Resp: 419321
Ion Ratio Lower Upper
106 100
91 200.8 161.1 241.7





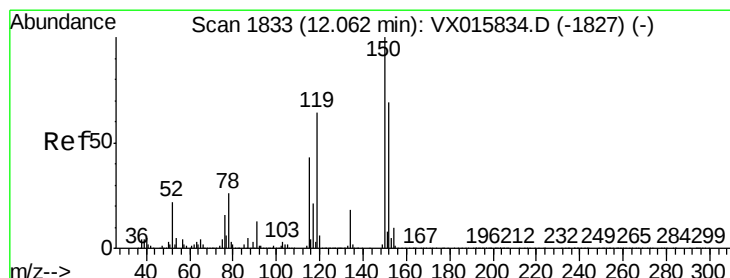
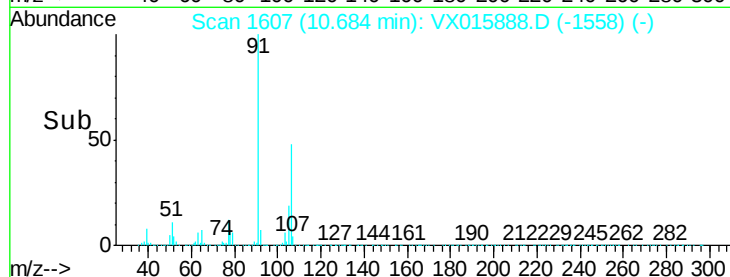
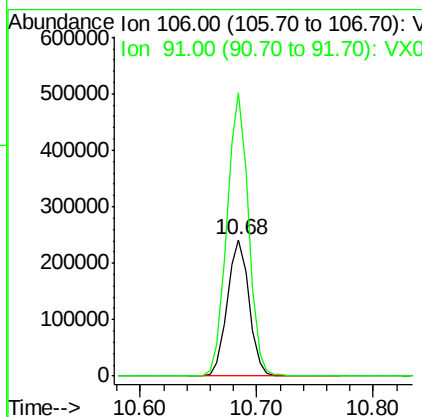
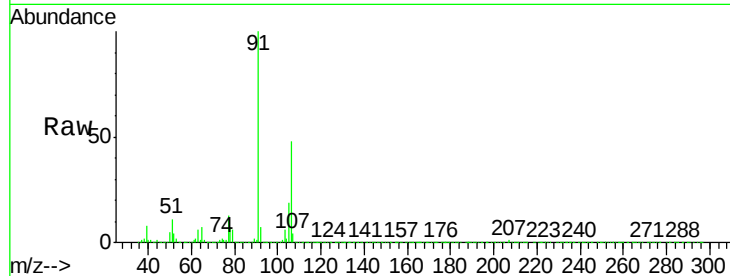
#69
o-Xylene
Concen: 19.147 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.7	107.1	321.3

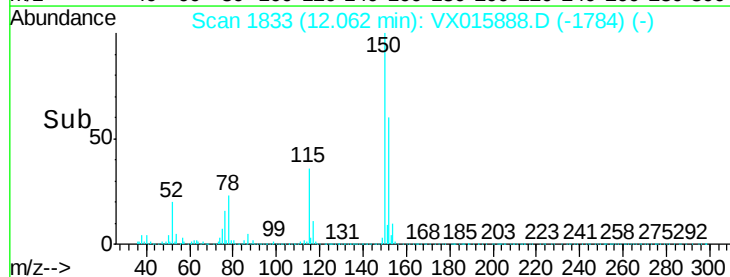
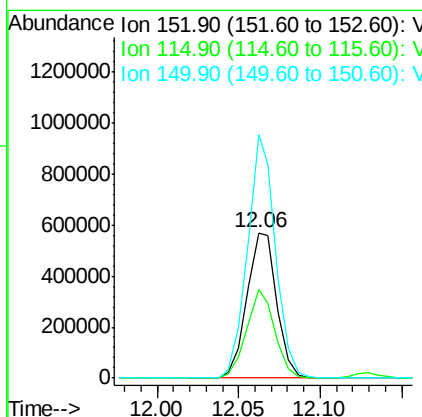
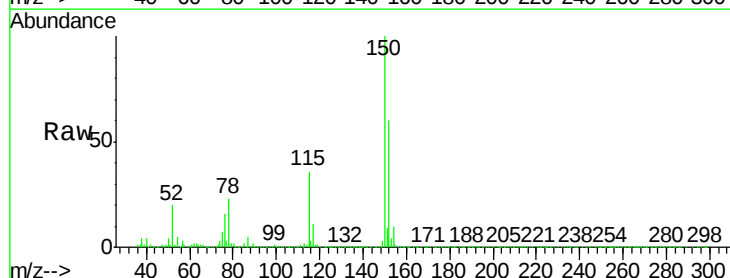
Manual Integrations
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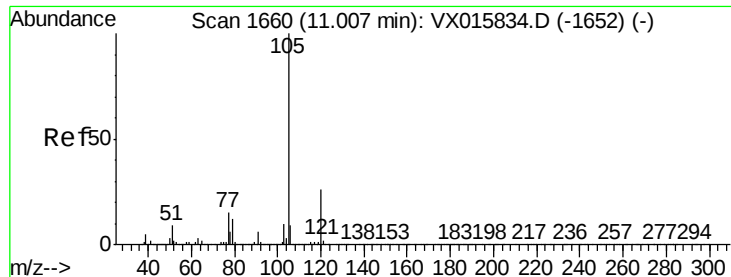
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.0	116.9
150	156.4	0.0	336.8





#73

Isopropylbenzene

Concen: 21.931 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015888.D

Acq: 23 Apr 2020 14:23

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421DL

Tot Ion: 105 Resp: 1012005

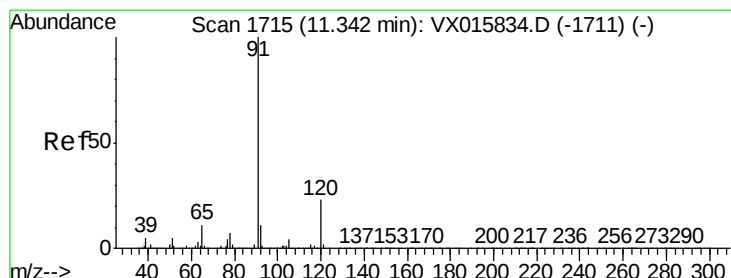
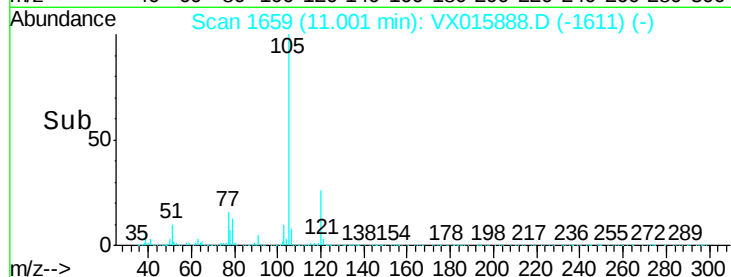
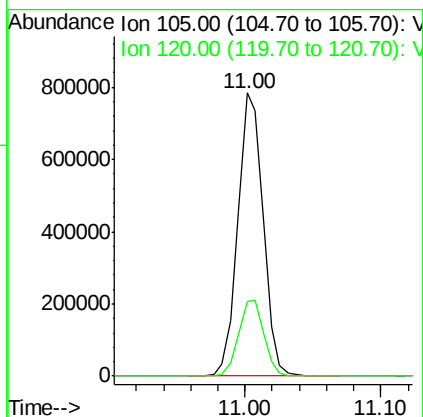
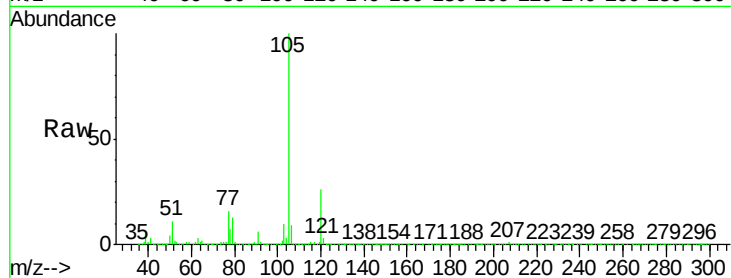
Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.1

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#78

n-propylbenzene

Concen: 23.666 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015888.D

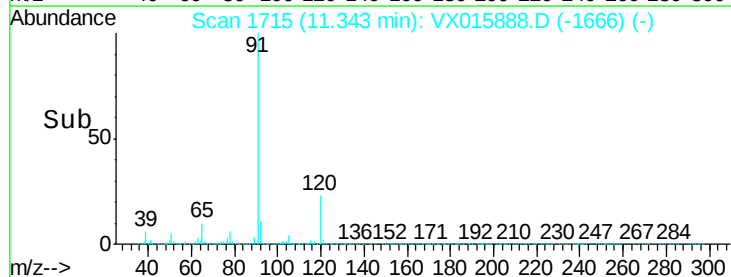
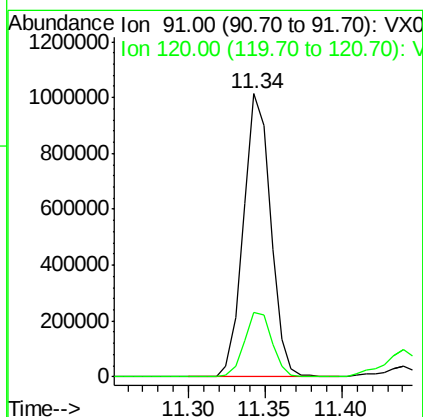
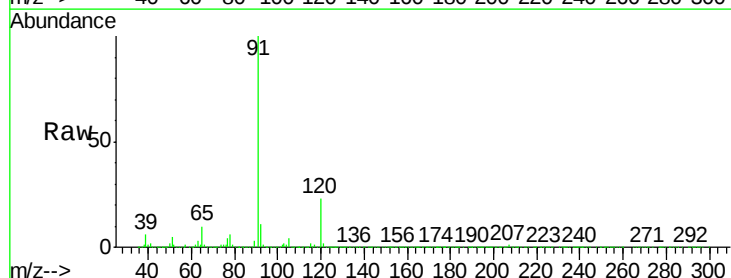
Acq: 23 Apr 2020 14:23

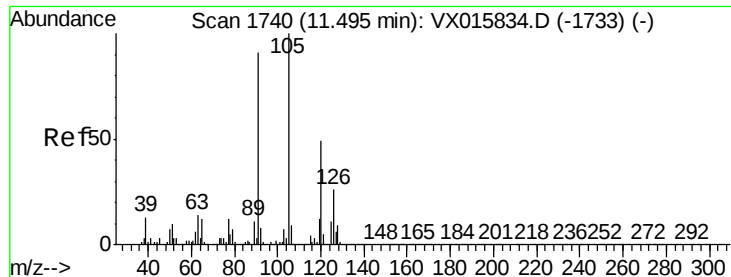
Tgt Ion: 91 Resp: 1251006

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.1





#80

1,3,5-Trimethylbenzene

Concen: 13.885 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015888.D

Acq: 23 Apr 2020 14:23

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421DL

Tot Ion:105 Resp: 546319

Ion Ratio Lower Upper

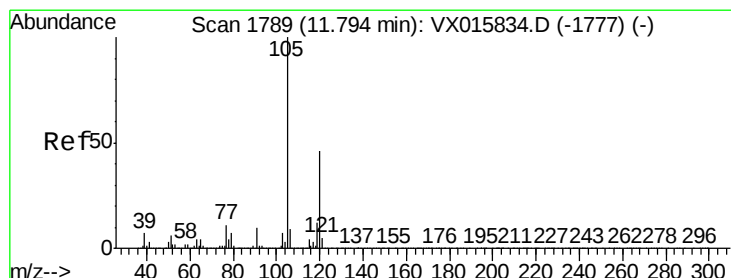
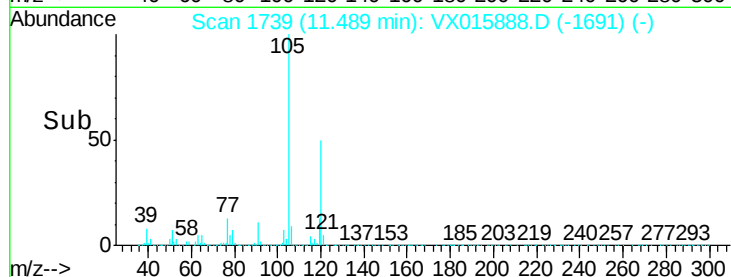
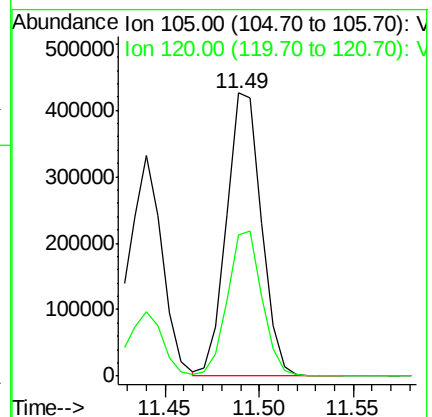
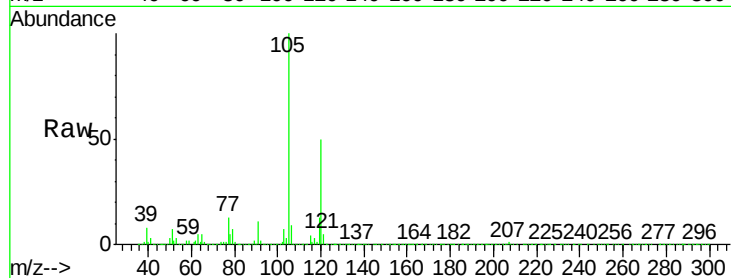
105 100

120 50.3 24.9 74.7

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#84

1,2,4-Trimethylbenzene

Concen: 54.226 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015888.D

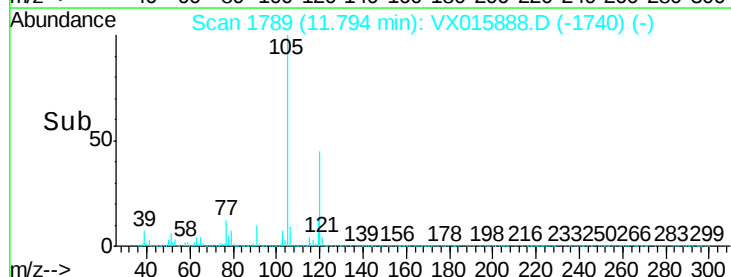
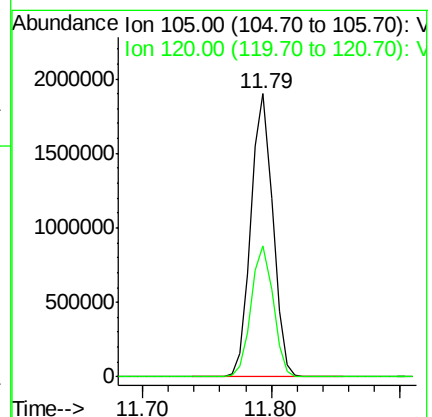
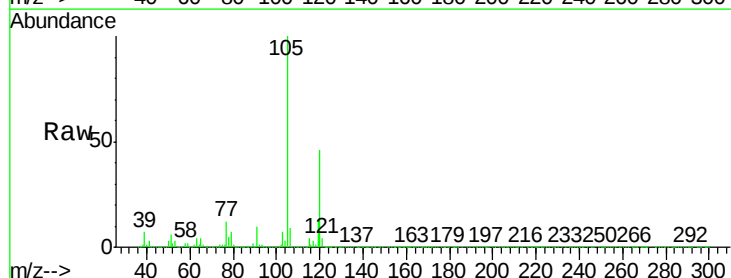
Acq: 23 Apr 2020 14:23

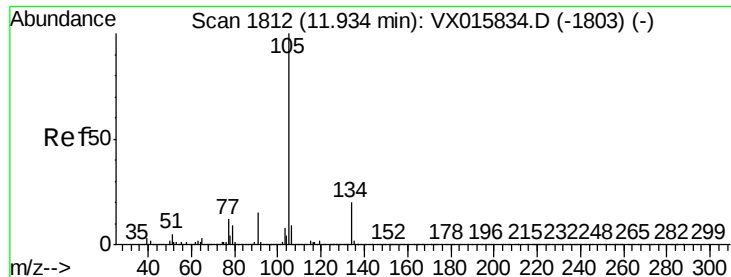
Tgt Ion:105 Resp: 2215099

Ion Ratio Lower Upper

105 100

120 46.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 1.250 ug/l m

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015888.D

Acq: 23 Apr 2020 14:23

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421DL

Tot Ion:105 Resp: 57492

Ion Ratio Lower Upper

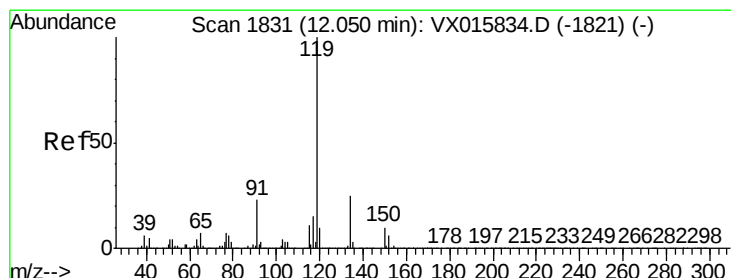
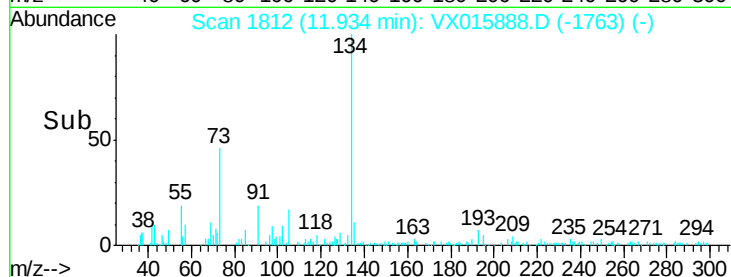
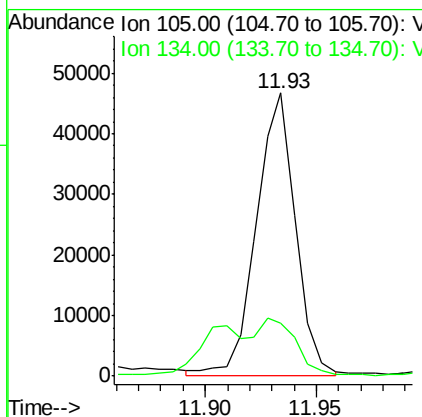
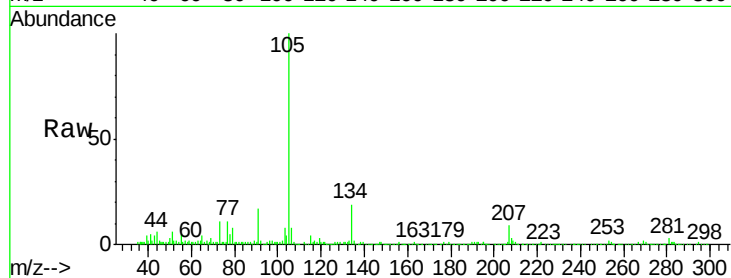
105 100

134 0.7 10.3 30.8#

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#86

p-Isopropyltoluene

Concen: 0.439 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015888.D

Acq: 23 Apr 2020 14:23

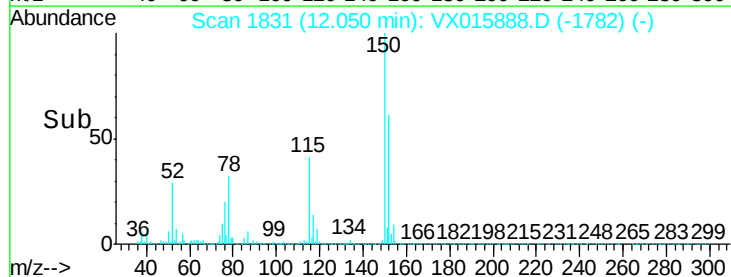
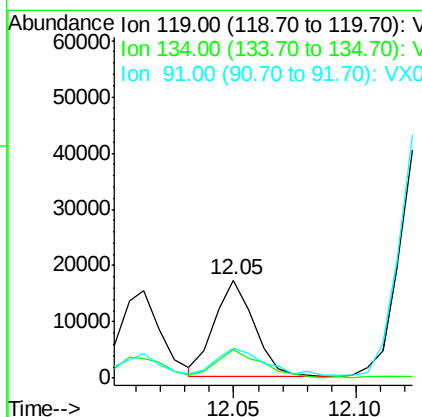
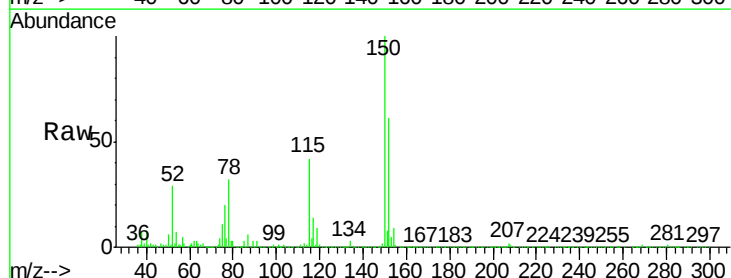
Tgt Ion:119 Resp: 18890

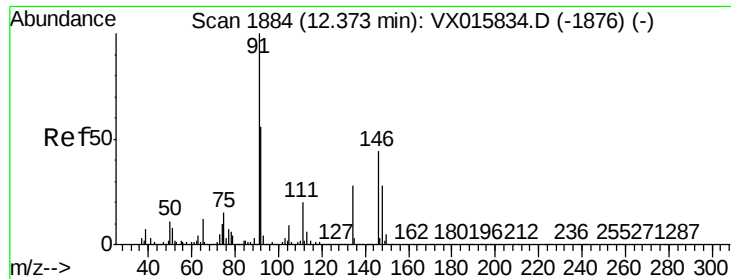
Ion Ratio Lower Upper

119 100

134 32.7 13.0 38.9

91 0.0 11.5 34.5#





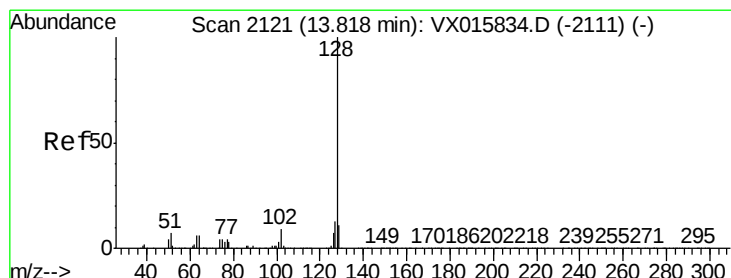
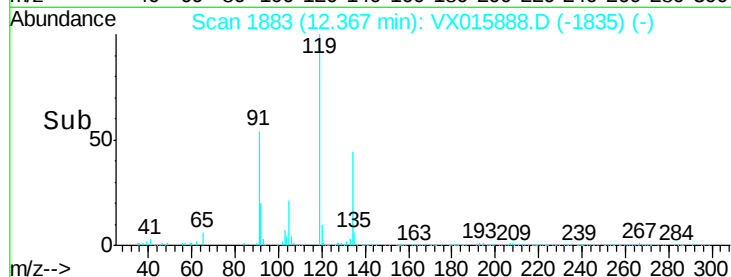
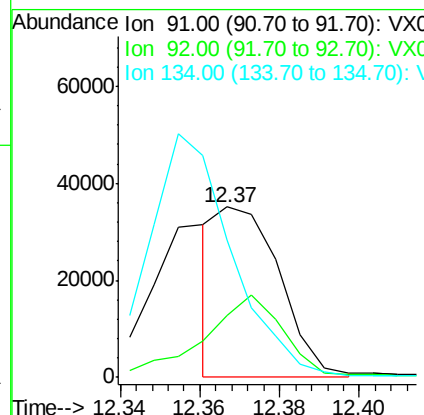
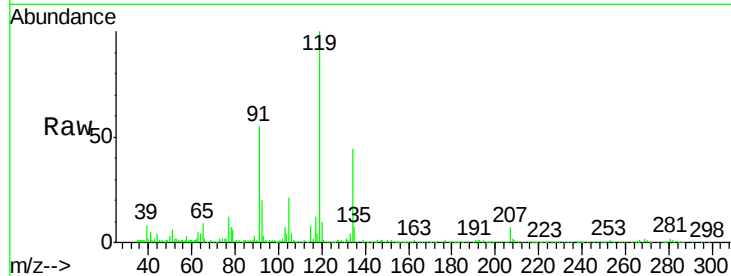
#89
n-Butylbenzene
Concen: 0.995 ug/l m
RT: 12.37 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.7	27.7	83.1
134	188.1	14.1	42.4#

Manual Integrations
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#95
Naphthalene
Concen: 13.272 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015888.D
Acq: 23 Apr 2020 14:23

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.9	8.5	12.7

