

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015889.D
 Acq On : 23 Apr 2020 14:45
 Operator : JC/SP
 Sample : L2380-16DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421DL

Manual Integrations
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 4/24/2020 11:06:37 AM

Quant Time: Apr 24 05:09:58 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	838824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1268034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1271651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	706929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	472516	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	5.47	113	370568	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
50) Toluene-d8	8.70	98	1526389	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.12	95	664338	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.17	73	432049	16.657	ug/l	94
31) Cyclohexane	5.55	56	33986	2.438	ug/l #	87
39) Methylcyclohexane	7.44	83	26616m	1.870	ug/l	
40) Benzene	6.12	78	425943	12.581	ug/l	99
67) Ethyl Benzene	10.24	91	3712071	83.127	ug/l	97
68) m/p-Xylenes	10.35	106	55101	3.287	ug/l #	1
69) o-Xylene	10.68	106	102383	6.207	ug/l	97
73) Isopropylbenzene	11.00	105	549316	12.235	ug/l	100
78) n-propylbenzene	11.34	91	633772	12.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	203706	5.321	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	277678	6.987	ug/l	99
85) sec-Butylbenzene	11.93	105	37432	0.836	ug/l	97
89) n-Butylbenzene	12.36	91	16282m	0.435	ug/l	
95) Naphthalene	13.82	128	209989	4.337	ug/l	99

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

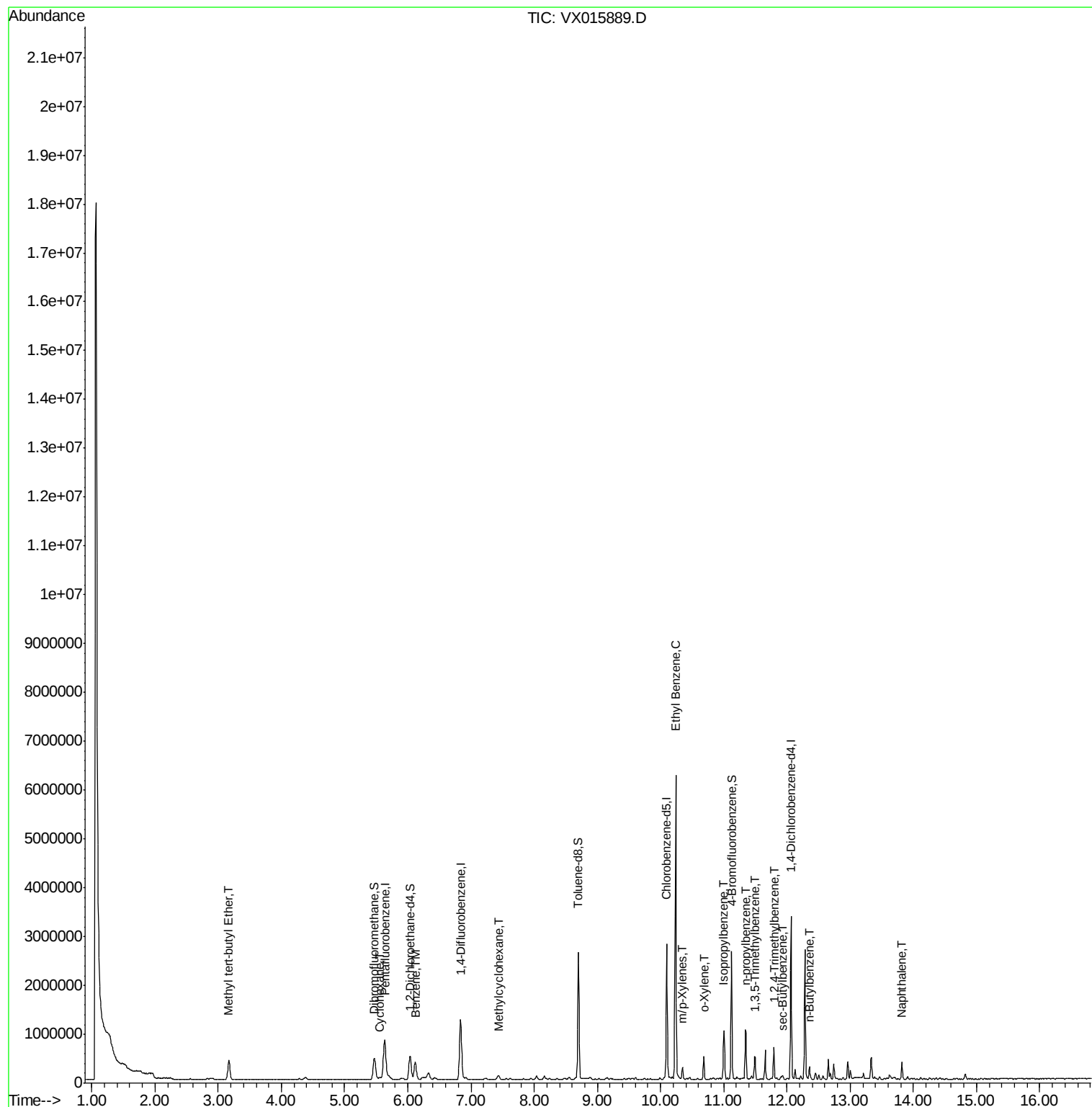
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015889.D
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Operator : JC/SP
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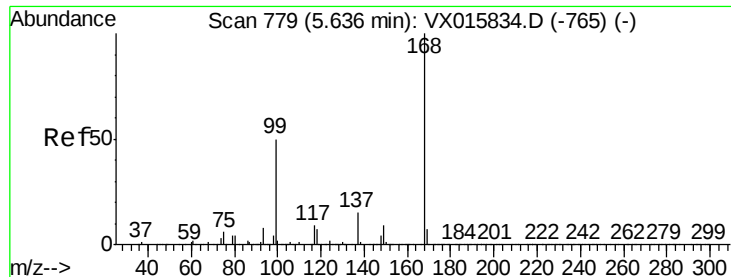
Instrument :
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Quant Time: Apr 24 05:09:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
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#1

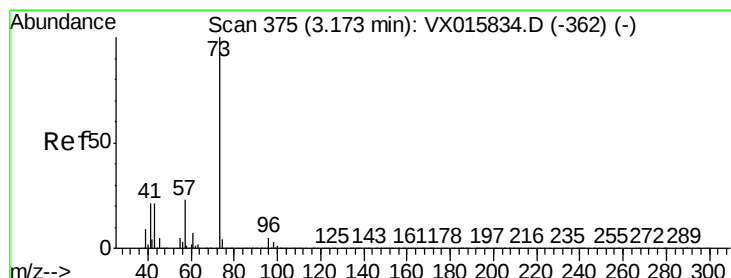
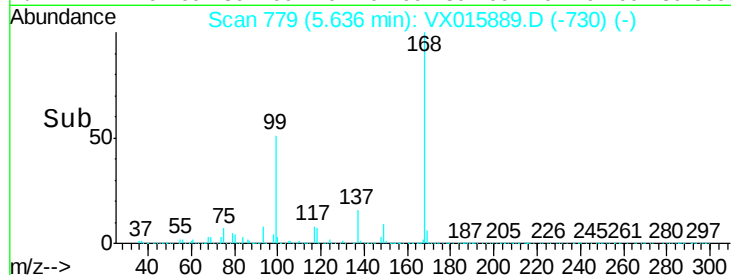
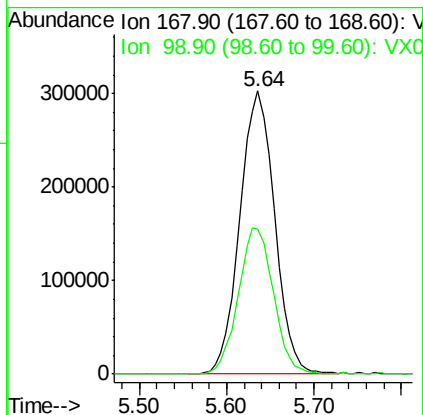
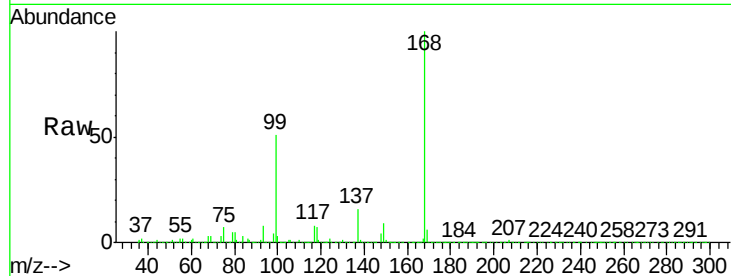
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: VX015889.D
 Acq: 23 Apr 2020 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	838824		
99	51.3	40.3	60.5	

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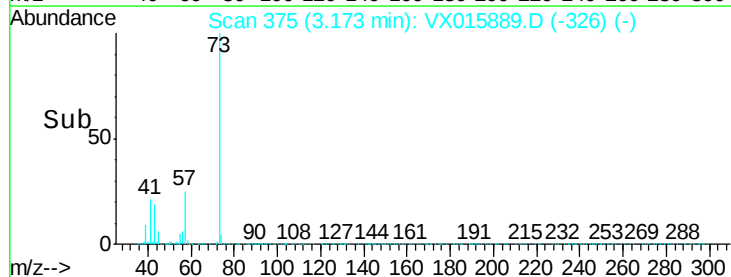
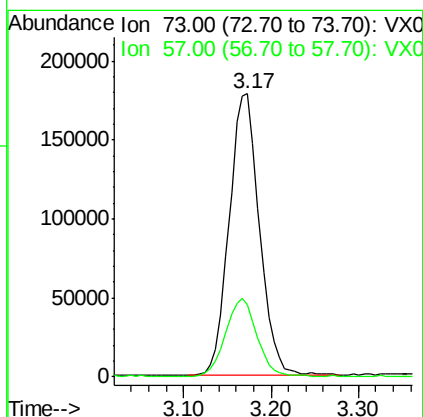
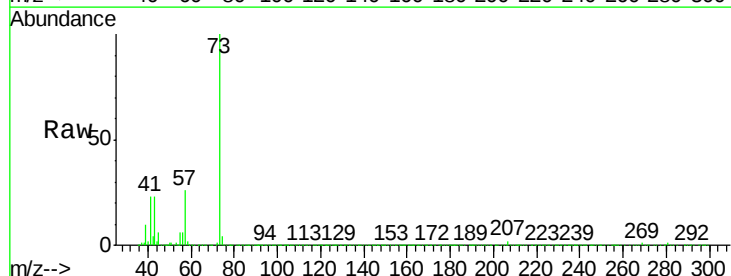
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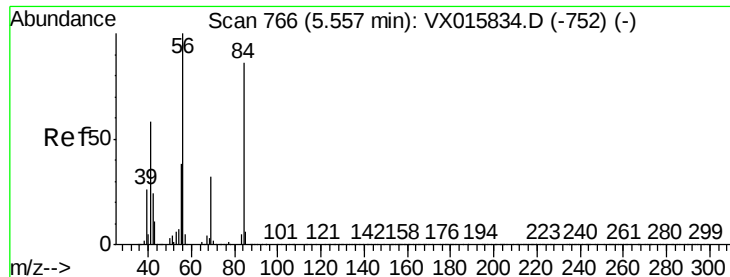


#19

Methyl tert-butyl Ether
 Concen: 16.657 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VX015889.D
 Acq: 23 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
73	100	432049		
57	25.6	18.1	27.1	





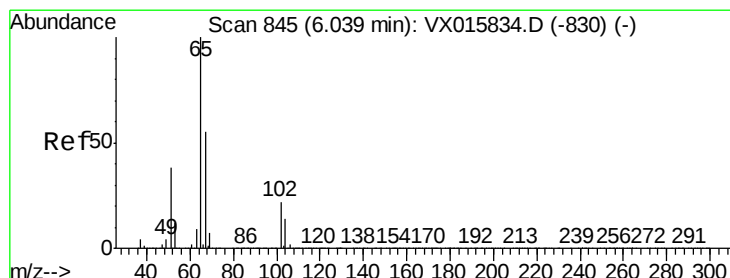
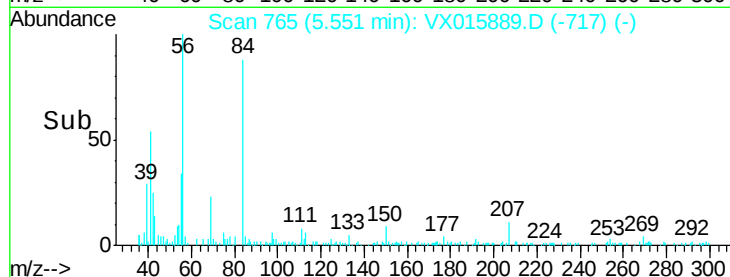
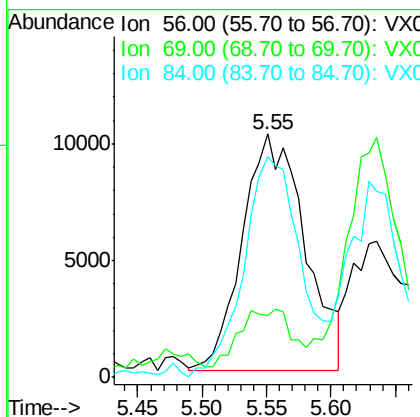
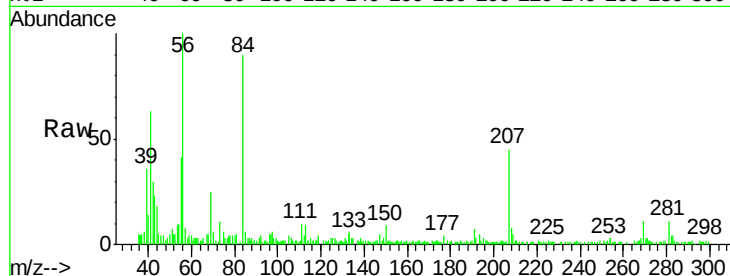
#31
Cyclohexane
Concen: 2.438 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	16.0	25.3	37.9#
84	93.9	69.1	103.7

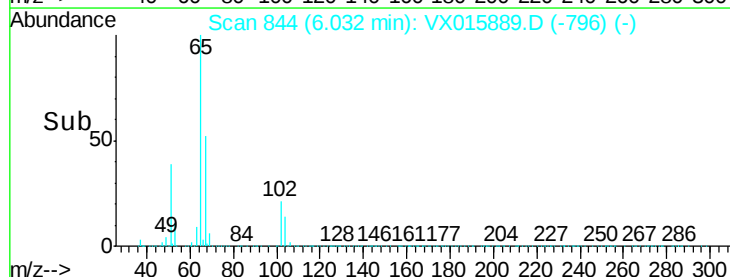
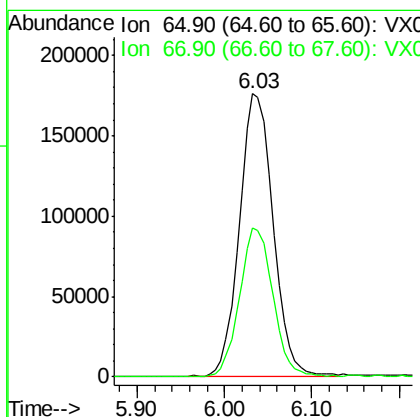
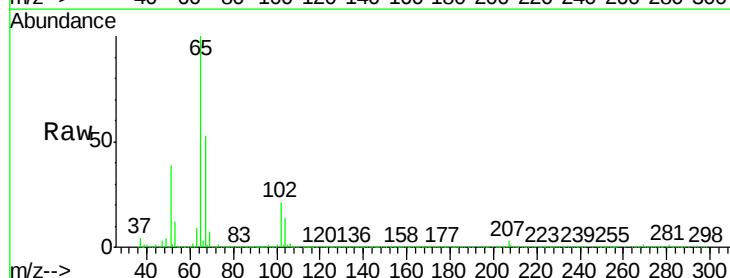
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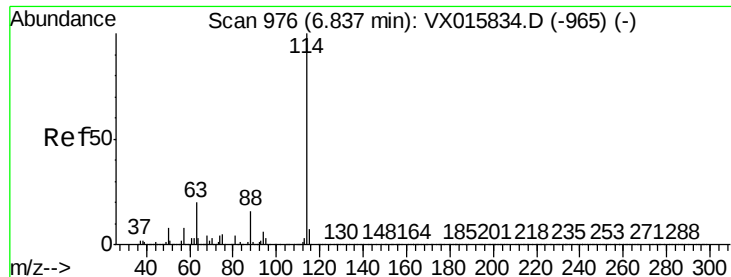
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#33
1,2-Dichloroethane-d4
Concen: 49.528 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.01 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

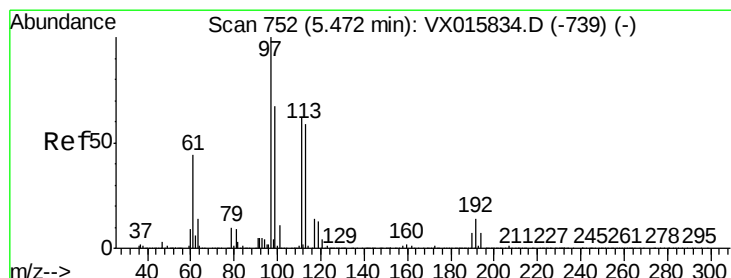
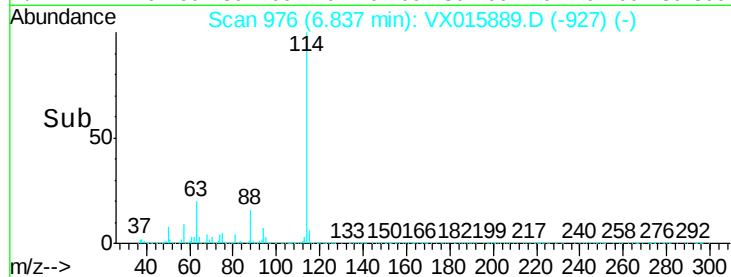
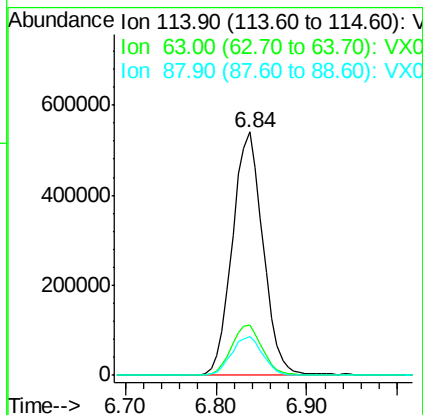
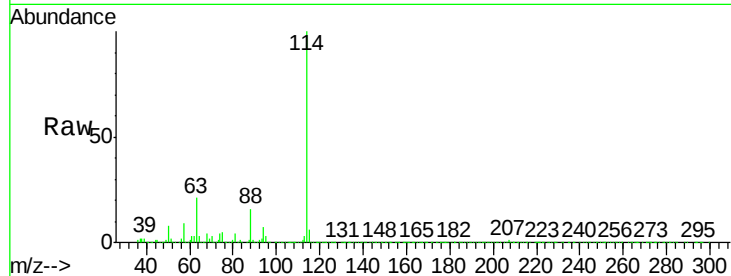
ClientSampleId :

KY001IW089-200421DL

Tot Ion:	114	Resp:	1268034
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.6
88	15.7	0.0	32.8

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#35

Dibromofluoromethane

Concen: 50.628 ug/l

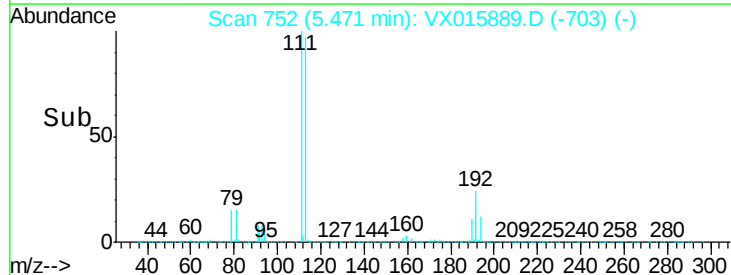
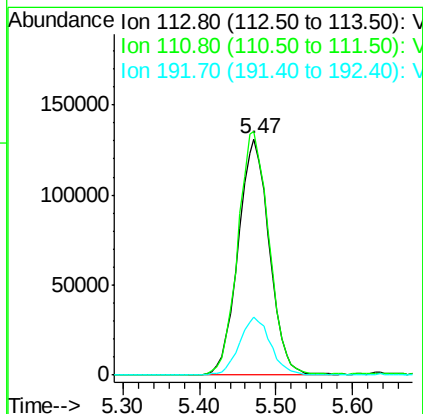
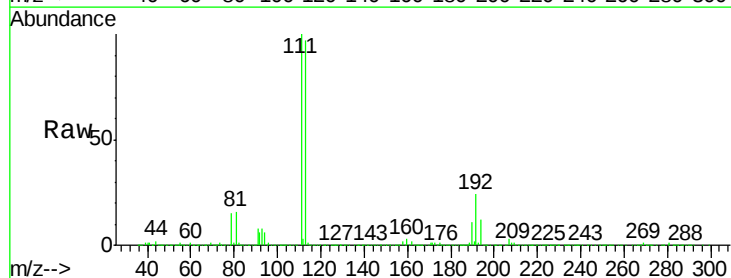
RT: 5.47 min Scan# 752

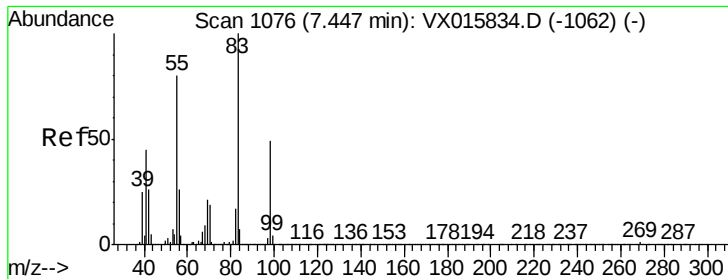
Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Tgt Ion:	113	Resp:	370568
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	24.1	19.3	28.9





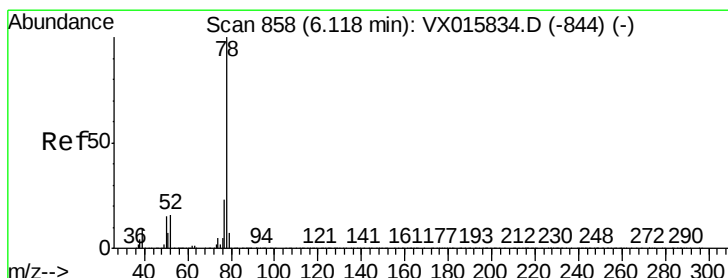
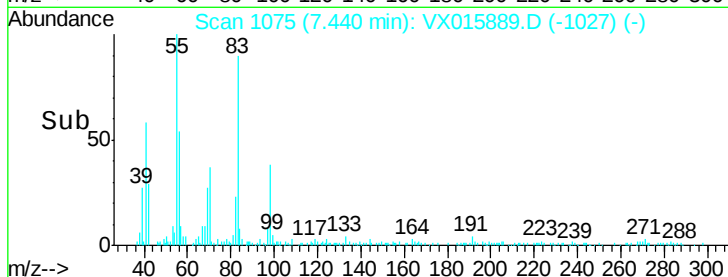
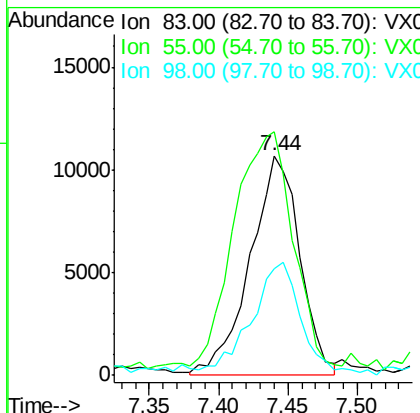
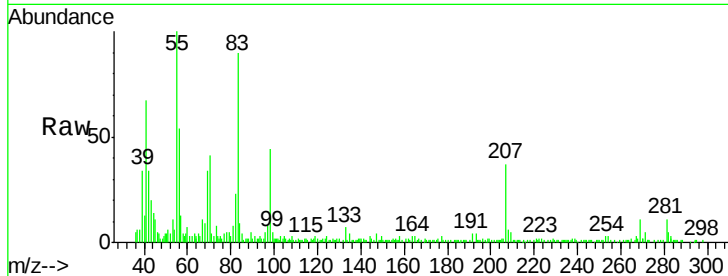
#39
Methvlcvclohexane
Concen: 1.870 ug/l m
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	110.7	64.2	96.4#
98	48.4	39.3	58.9

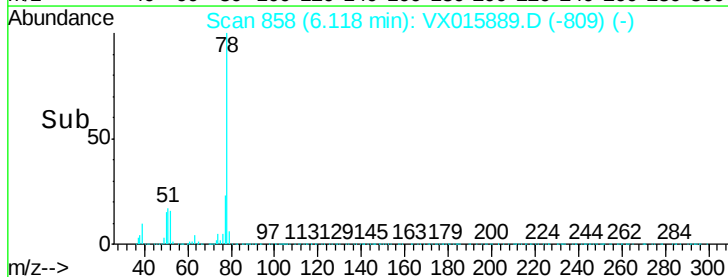
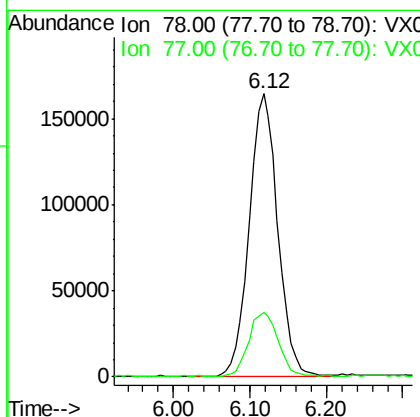
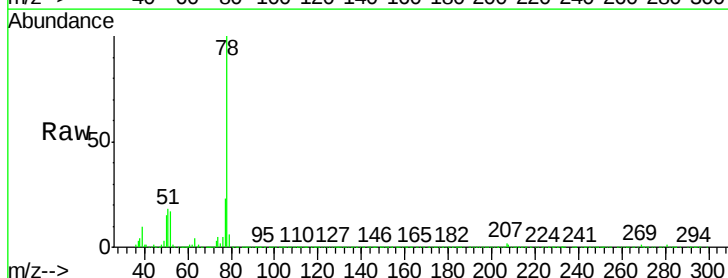
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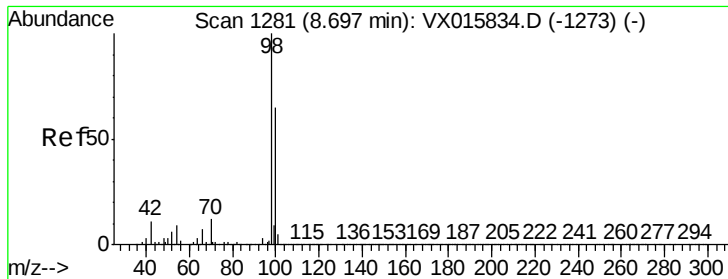
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#40
Benzene
Concen: 12.581 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.6	27.8





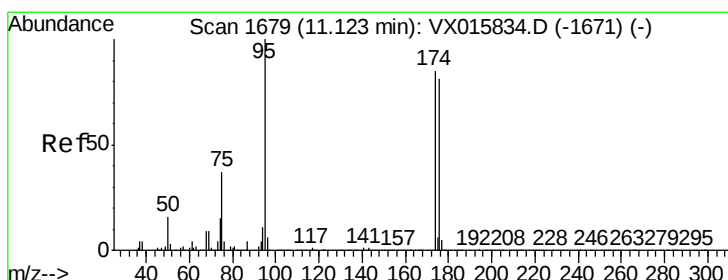
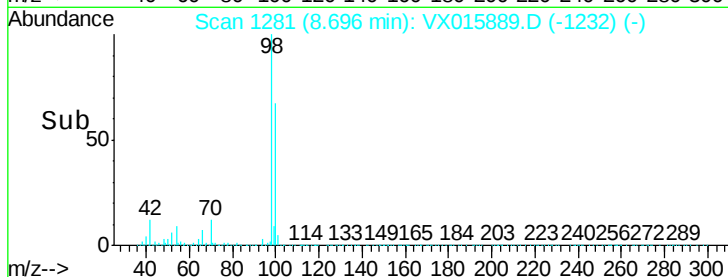
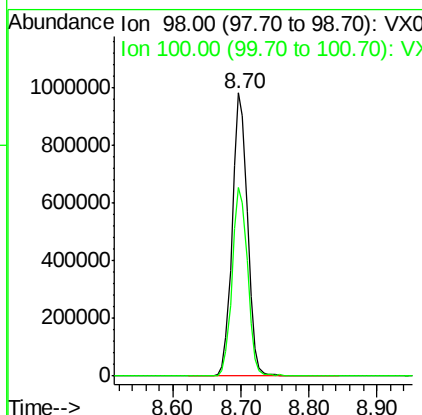
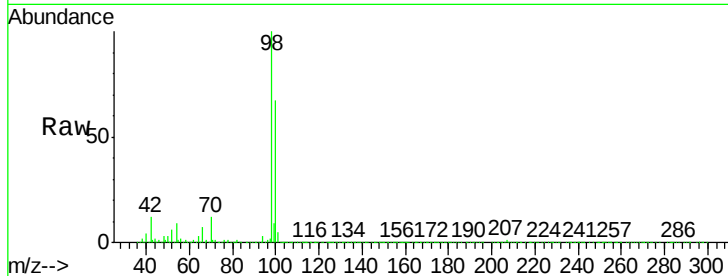
#50
Toluene-d8
Concen: 51.803 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

Tot Ion: 98 Resp: 1526389
Ion Ratio Lower Upper
98 100
100 67.7 53.8 80.6

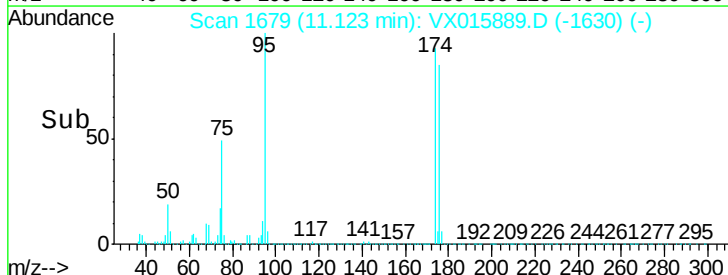
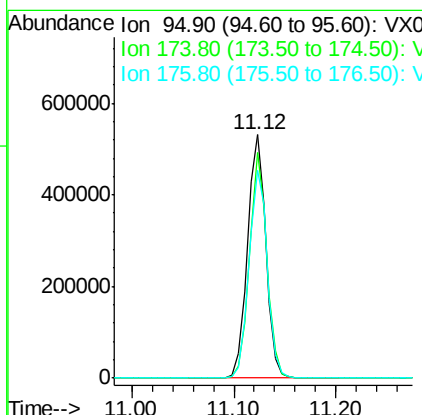
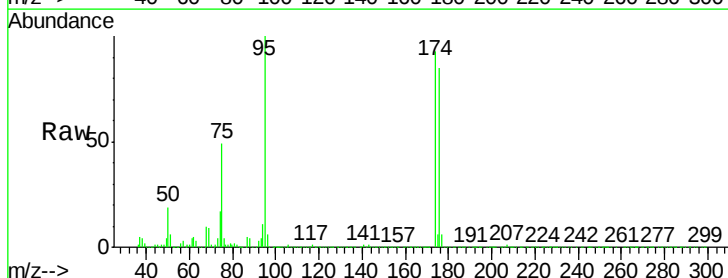
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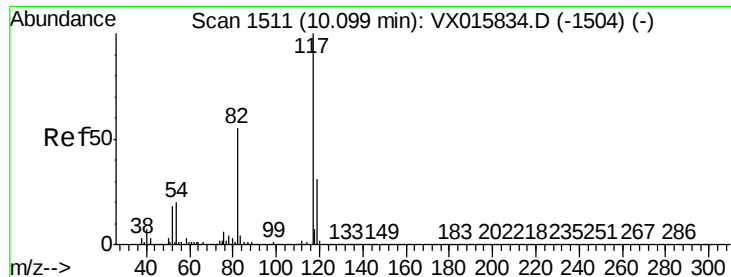
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#62
4-Bromofluorobenzene
Concen: 54.961 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion: 95 Resp: 664338
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.4
176 85.4 0.0 167.0





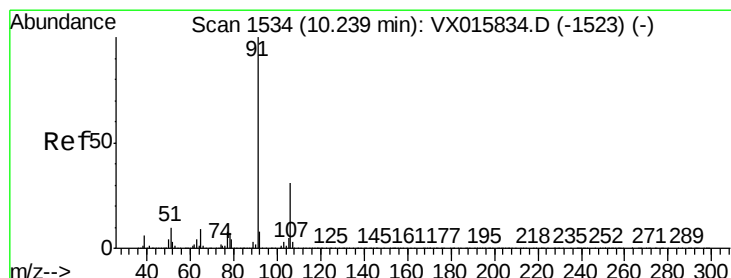
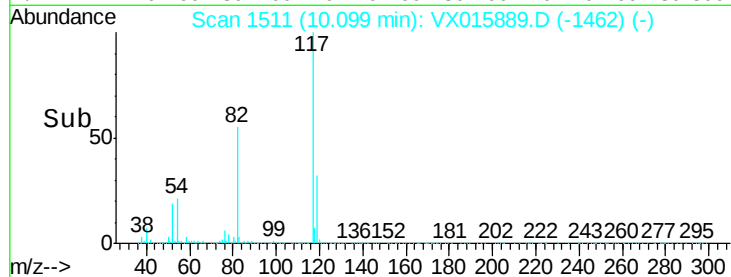
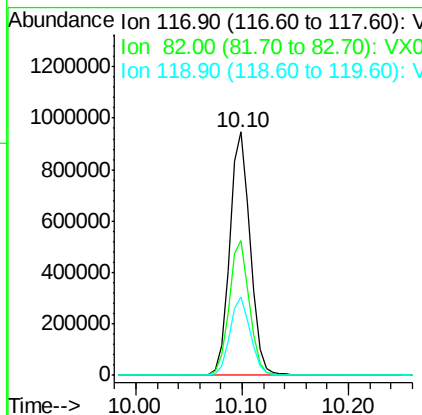
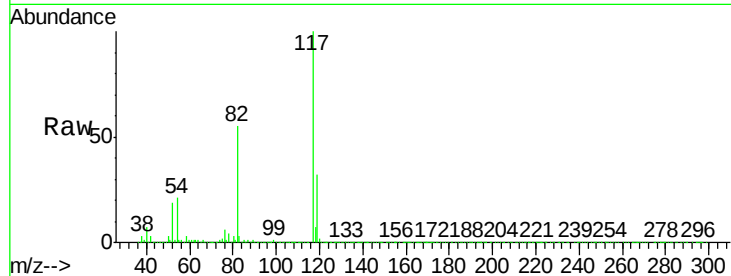
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.9	65.9
119	32.1	25.1	37.7

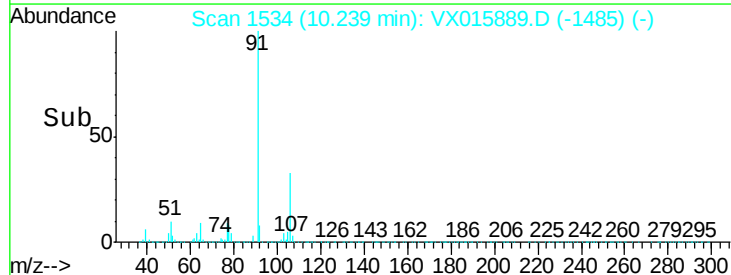
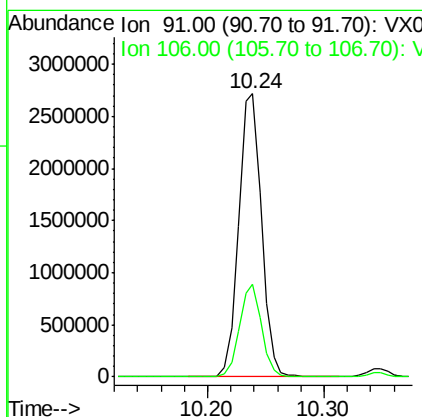
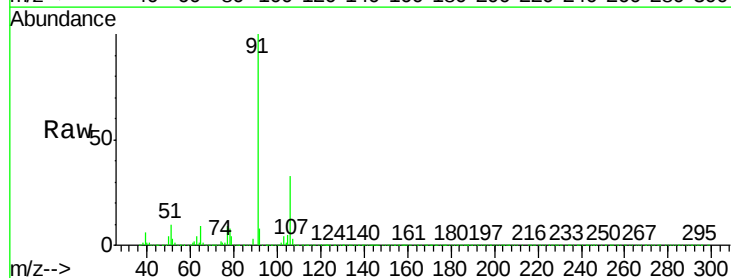
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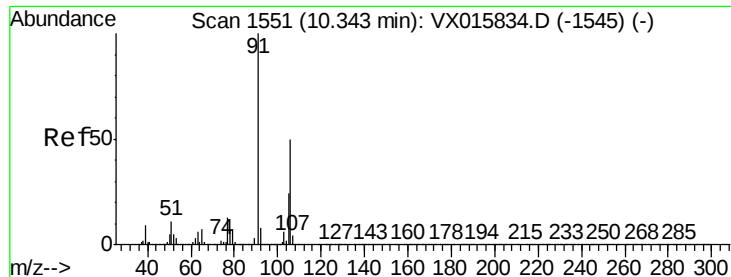
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#67
Ethyl Benzene
Concen: 83.127 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.0	37.4





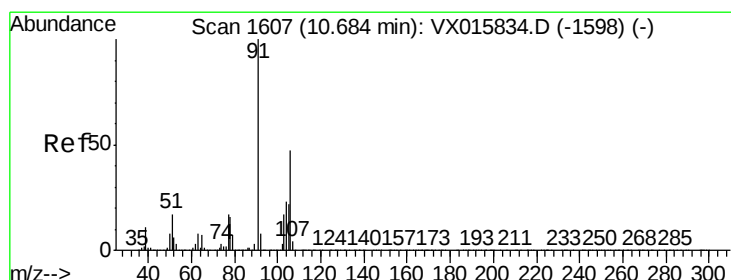
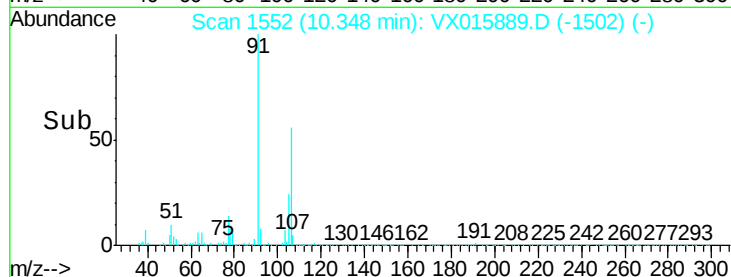
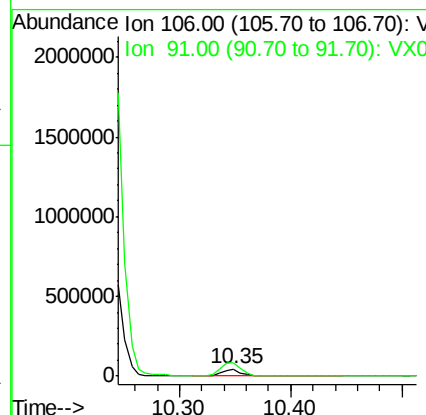
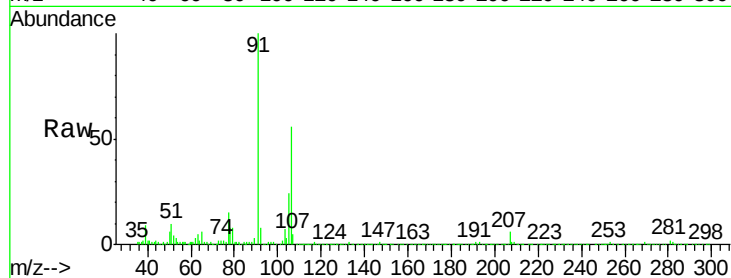
#68
m/p-Xvlenes
Concen: 3.287 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	0.0	161.1	241.7#

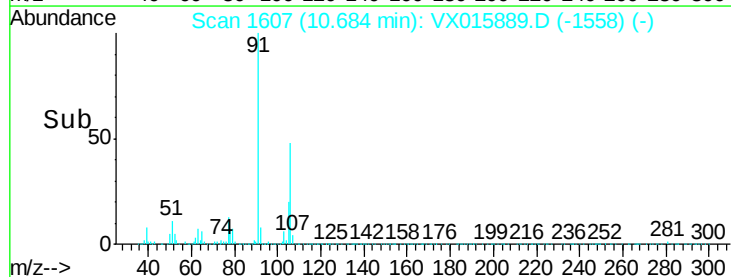
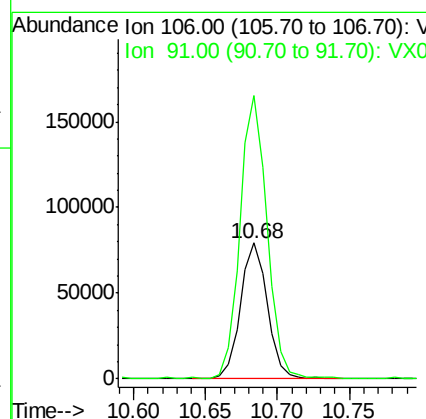
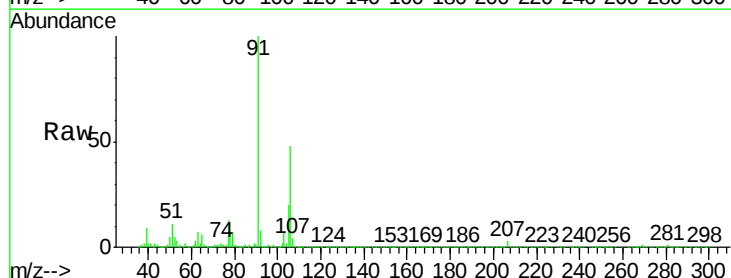
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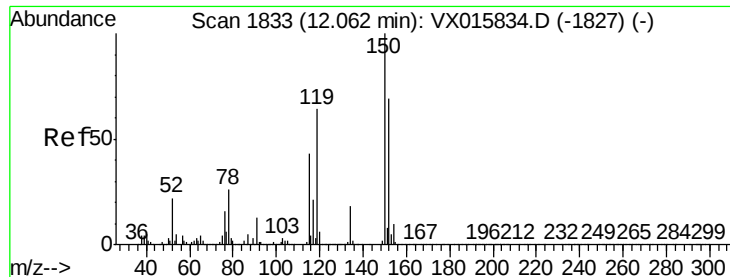
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#69
o-Xylene
Concen: 6.207 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.3	107.1	321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

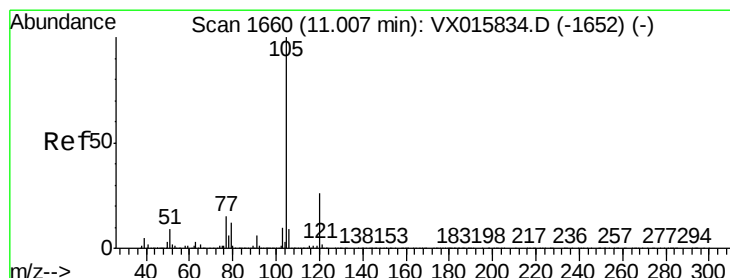
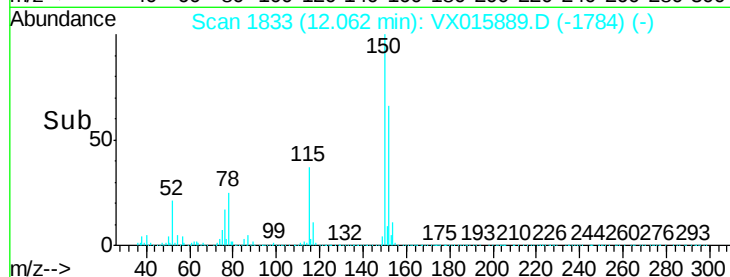
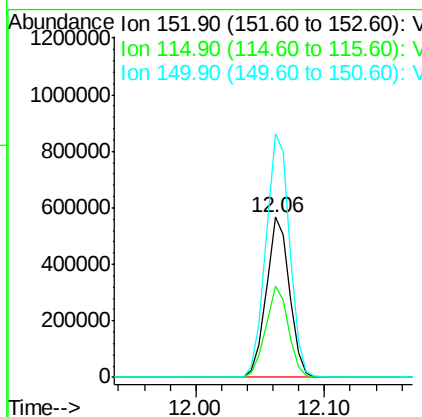
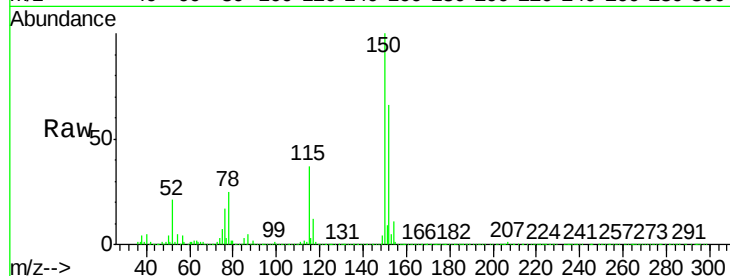
ClientSampleId :

KY001IW089-200421DL

Tot Ion:	152	Resp:	706929
Ion Ratio	Lower	Upper	
152	100		
115	55.7	39.0	116.9
150	155.9	0.0	336.8

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#73

Isopropylbenzene

Concen: 12.235 ug/l

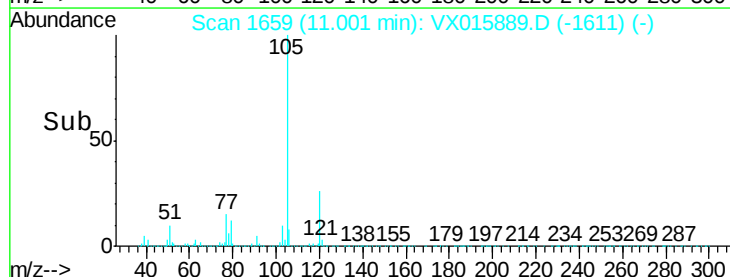
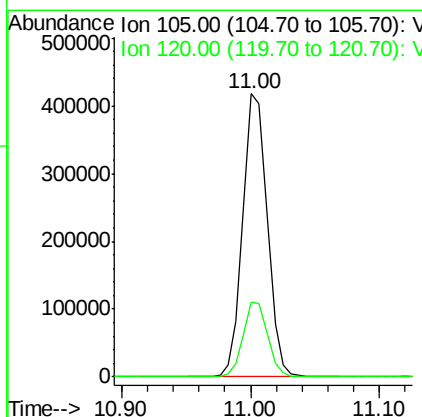
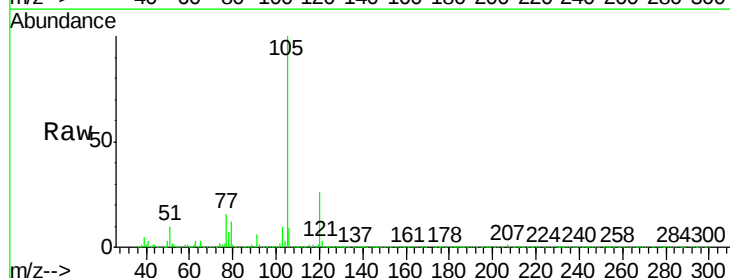
RT: 11.00 min Scan# 1659

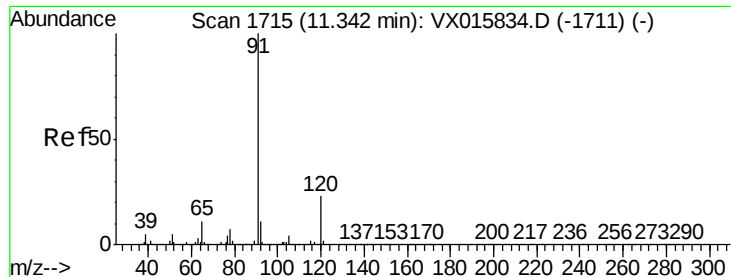
Delta R.T. -0.01 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Tgt Ion:	105	Resp:	549316
Ion Ratio	Lower	Upper	
105	100		
120	26.3	13.1	39.1





#78

n-propylbenzene

Concen: 12.323 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421DL

Tot Ion: 91 Resp: 633772

Ion Ratio Lower Upper

91 100

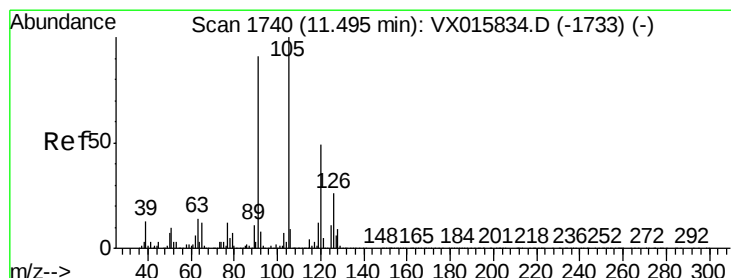
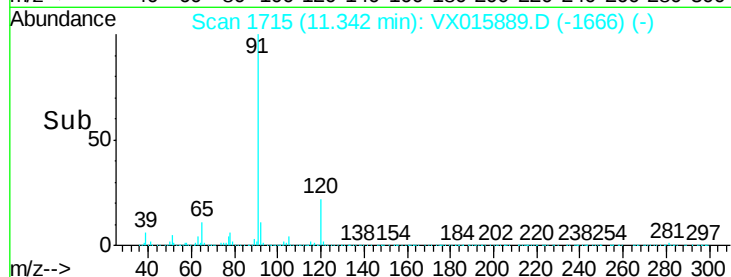
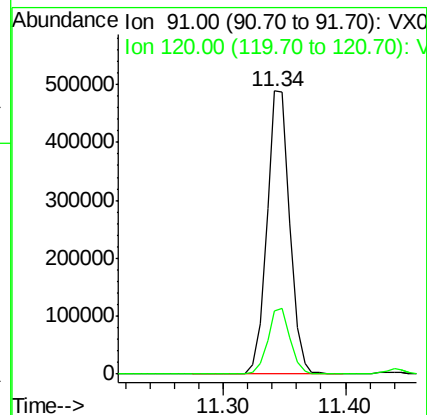
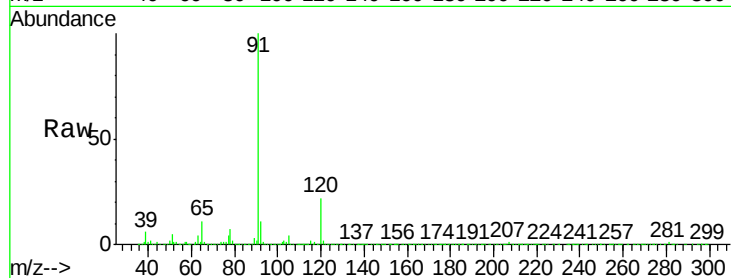
120 22.8 11.7 35.1

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#80

1,3,5-Trimethylbenzene

Concen: 5.321 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015889.D

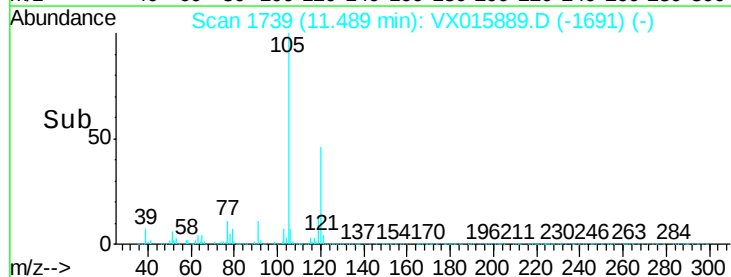
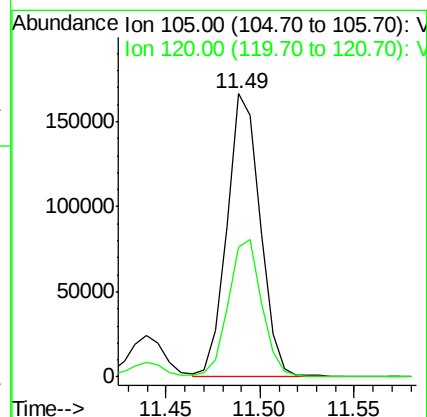
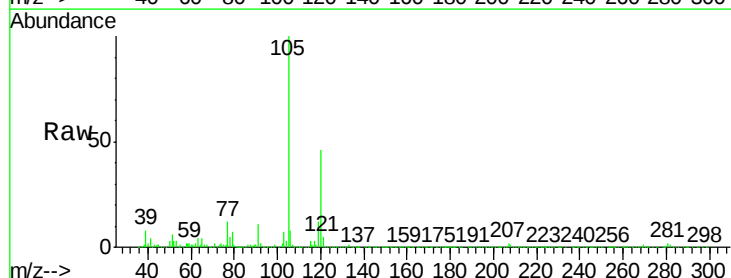
Acq: 23 Apr 2020 14:45

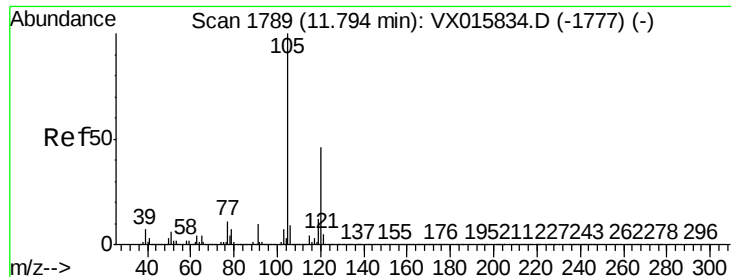
Tgt Ion: 105 Resp: 203706

Ion Ratio Lower Upper

105 100

120 48.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 6.987 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015889.D

Acq: 23 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421DL

Tot Ion:105 Resp: 277678

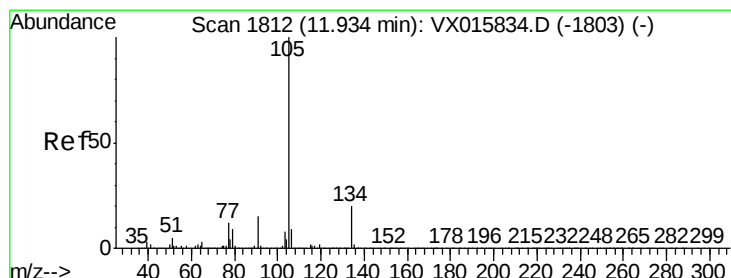
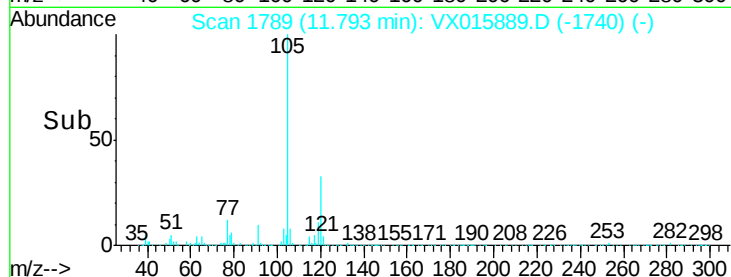
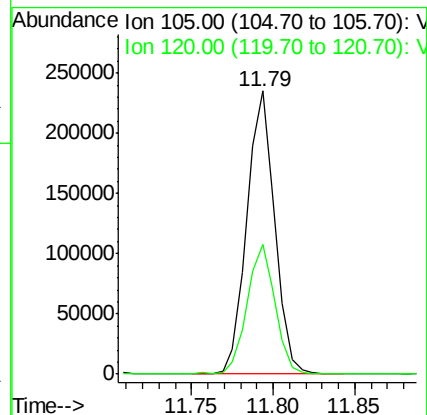
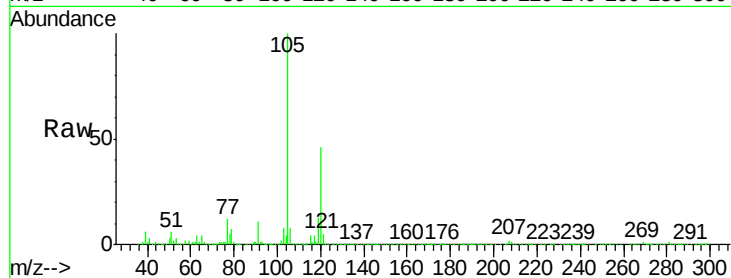
Ion Ratio Lower Upper

105 100

120 46.3 22.9 68.7

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#85

sec-Butylbenzene

Concen: 0.836 ug/l

RT: 11.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VX015889.D

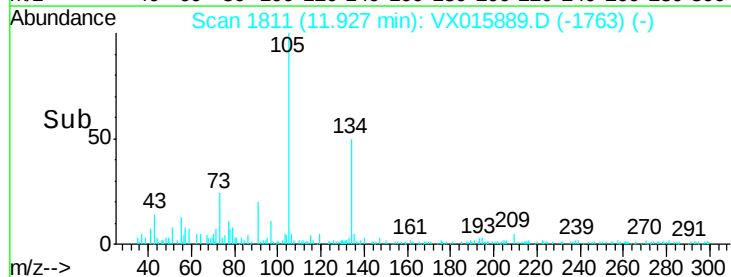
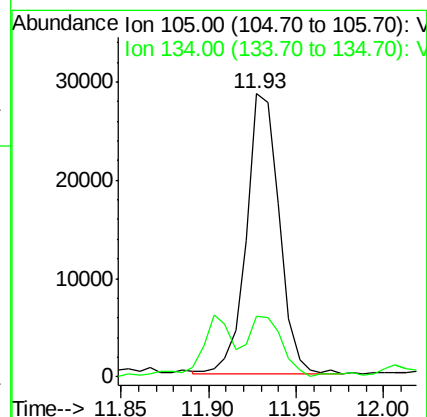
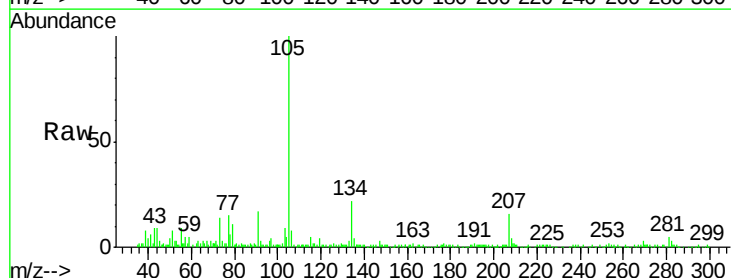
Acq: 23 Apr 2020 14:45

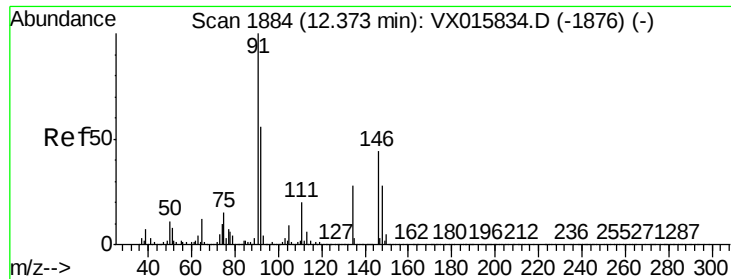
Tgt Ion:105 Resp: 37432

Ion Ratio Lower Upper

105 100

134 22.1 10.3 30.8





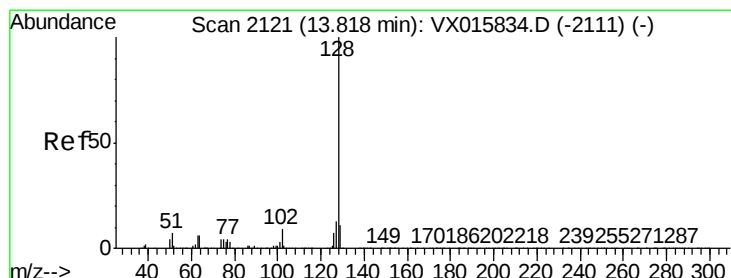
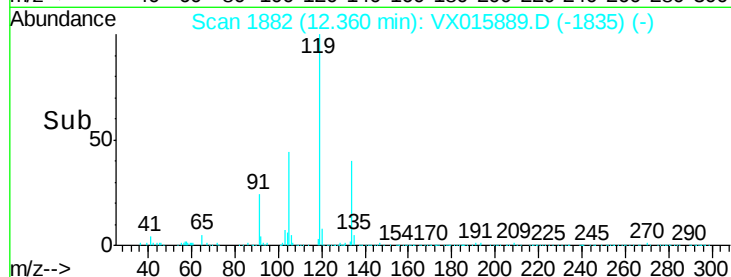
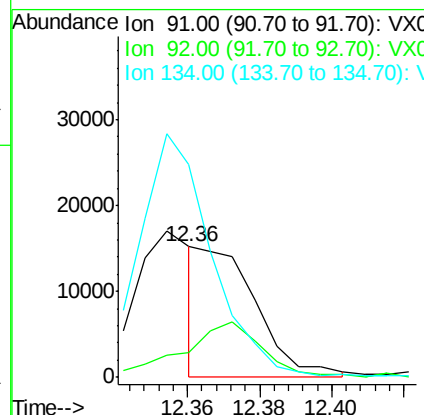
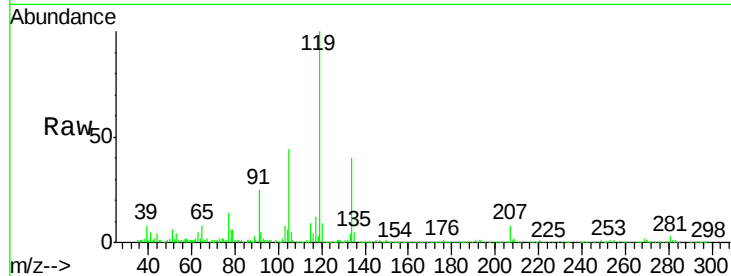
#89
n-Butylbenzene
Concen: 0.435 ug/l m
RT: 12.36 min Scan# 1882
Delta R.T. -0.01 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	63.2	27.7	83.1
134	239.7	14.1	42.4#

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#95
Naphthalene
Concen: 4.337 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015889.D
Acq: 23 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.5	8.5	12.7

