

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015868.D
 Acq On : 23 Apr 2020 02:49
 Operator : JC/SP
 Sample : L2380-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

Manual Integrations
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MMDadoda
 4/23/2020 12:15:54 PM

Quant Time: Apr 23 12:25:37 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	934151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1410084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1412317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	770098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	529570	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
35) Dibromofluoromethane	5.47	113	423766	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
50) Toluene-d8	8.70	98	1713586	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.12	95	732396	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	52262	11.297	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	2617169	90.607	ug/l #	65
25) 2-Butanone	4.64	43	27268	3.729	ug/l	97
31) Cyclohexane	5.55	56	1164730	75.034	ug/l	95
39) Methylcyclohexane	7.45	83	949215	59.962	ug/l	96
40) Benzene	6.12	78	22833214	606.458	ug/l	92
52) Toluene	8.77	92	2028606	84.060	ug/l	99
67) Ethyl Benzene	10.23	91	19812947m	399.496	ug/l	
68) m/p-Xylenes	10.35	106	12581324	675.851	ug/l #	56
69) o-Xylene	10.68	106	1863898	101.748	ug/l	99
73) Isopropylbenzene	11.00	105	7378648	150.865	ug/l	98
78) n-propylbenzene	11.35	91	7222251	128.905	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6339544	152.013	ug/l	99
83) tert-Butylbenzene	11.76	119	168072	4.543	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	11622074	268.431	ug/l	91
85) sec-Butylbenzene	11.93	105	155237m	3.183	ug/l	
86) p-Isopropyltoluene	12.05	119	126516	2.775	ug/l #	77
95) Naphthalene	13.82	128	9507553	180.268	ug/l	98

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

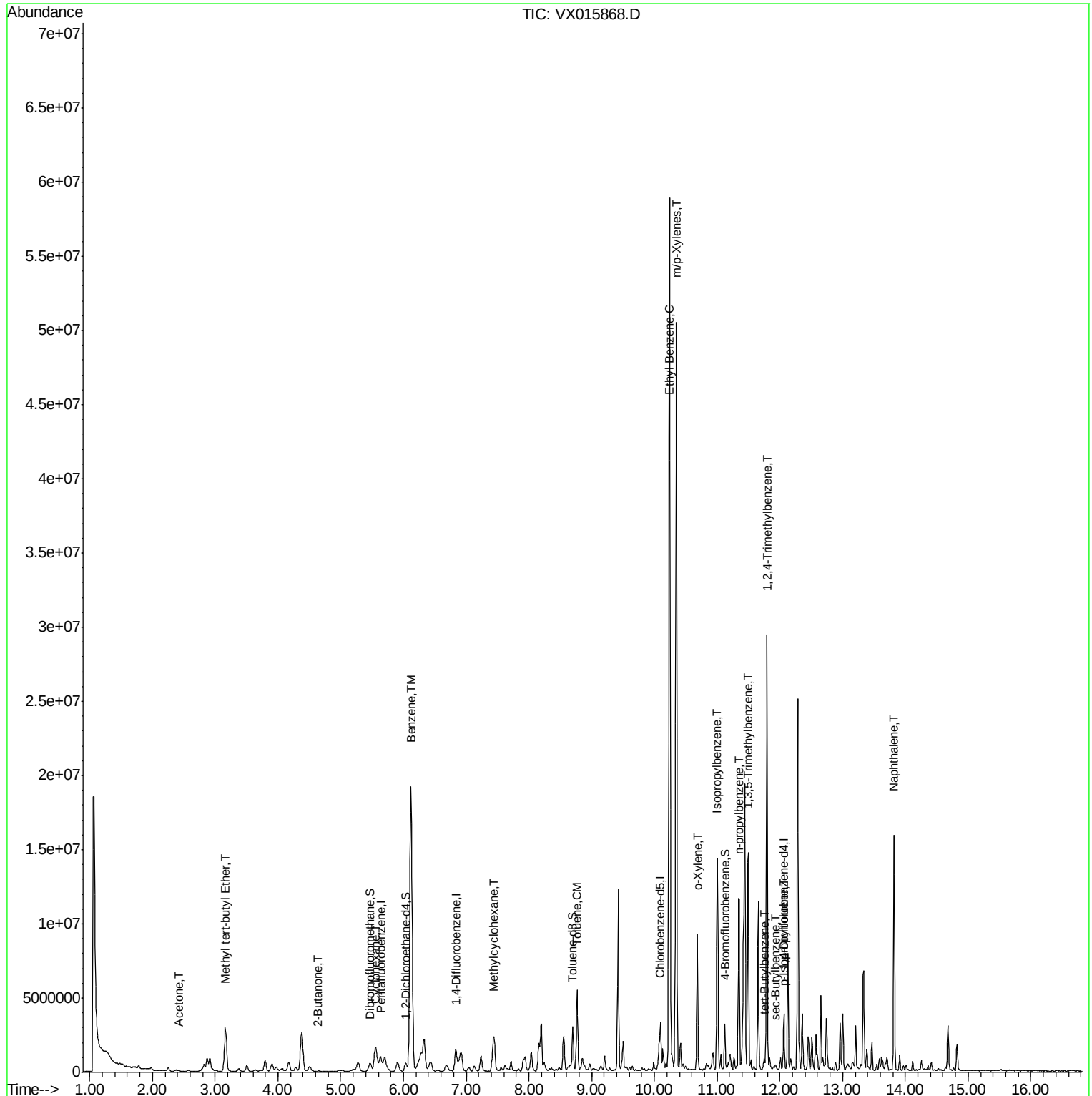
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
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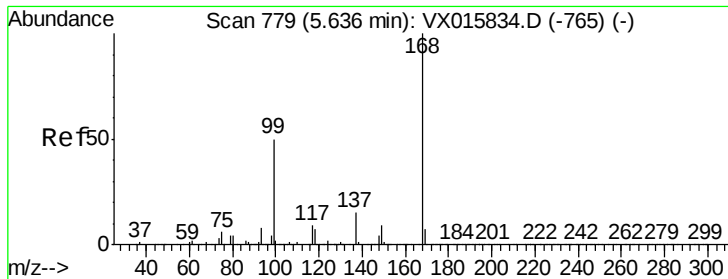
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

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Quant Time: Apr 23 12:25:37 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

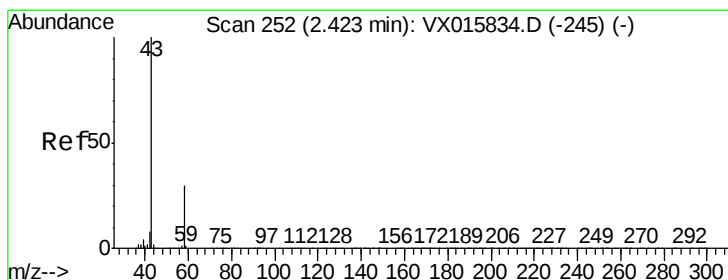
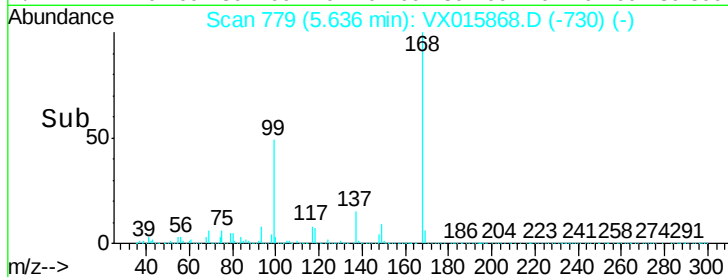
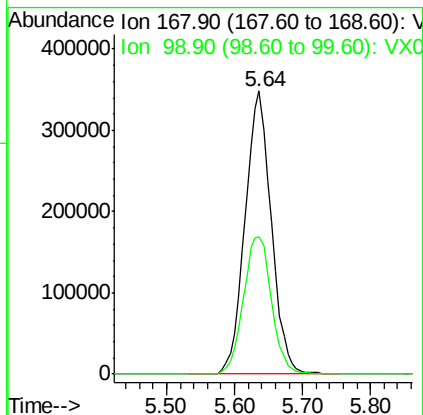
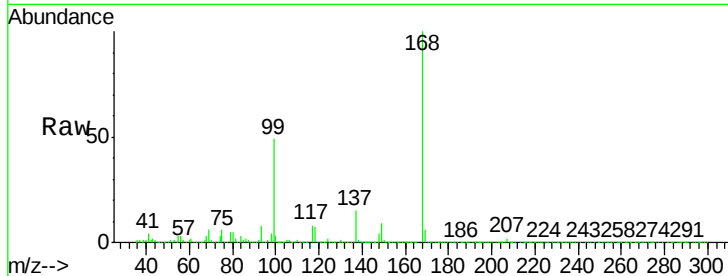
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

Tot Ion	Ratio	Resp	Lower	Upper
168	100	934151		
99	48.4	40.3	60.5	

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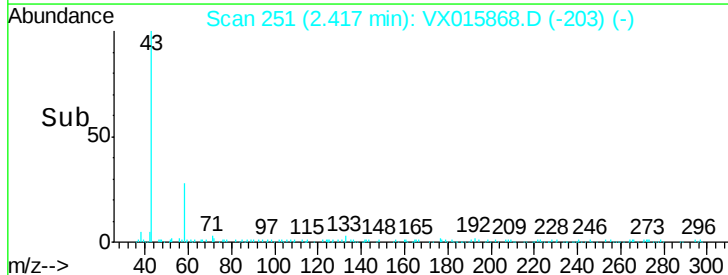
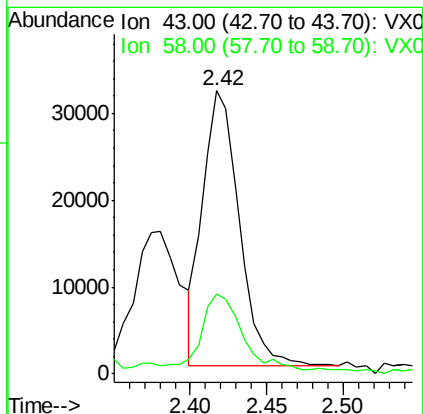
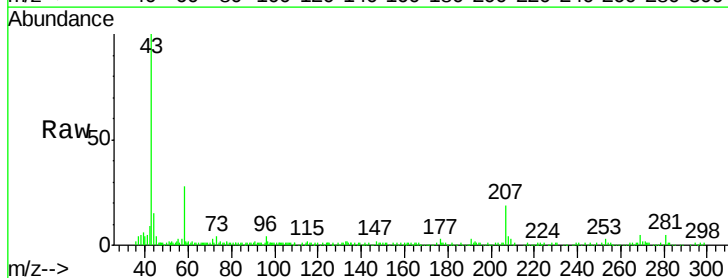
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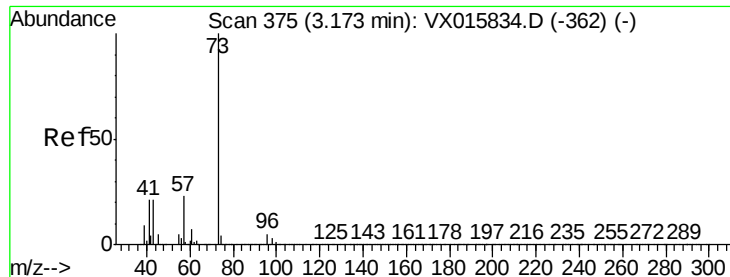


#16

Acetone
 Concen: 11.297 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	52262		
58	27.6	24.0	36.0	





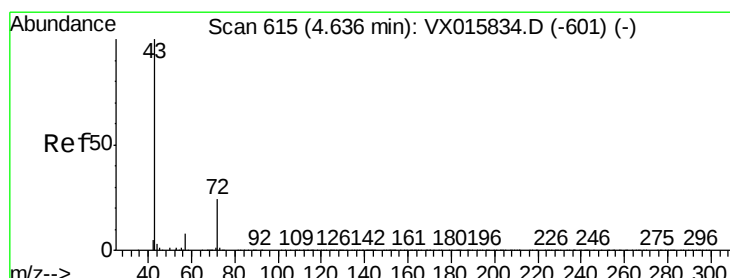
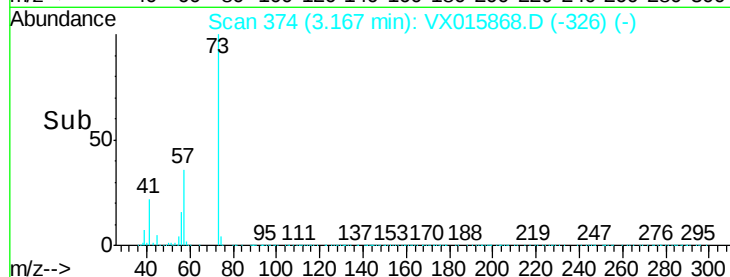
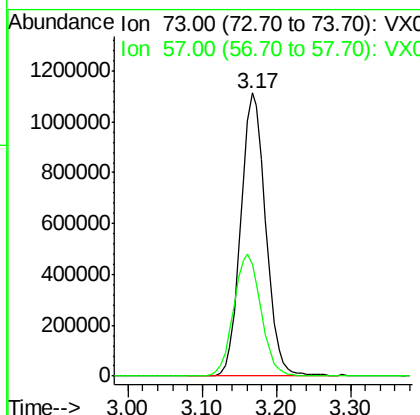
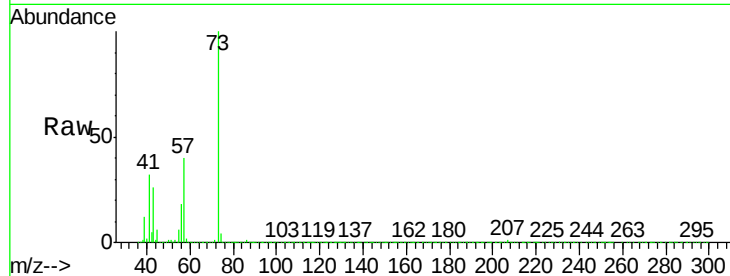
#19
Methvl tert-butvl Ether
Concen: 90.607 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

Tot Ion: 73 Resp: 2617169
Ion Ratio Lower Upper
73 100
57 39.7 18.1 27.1#

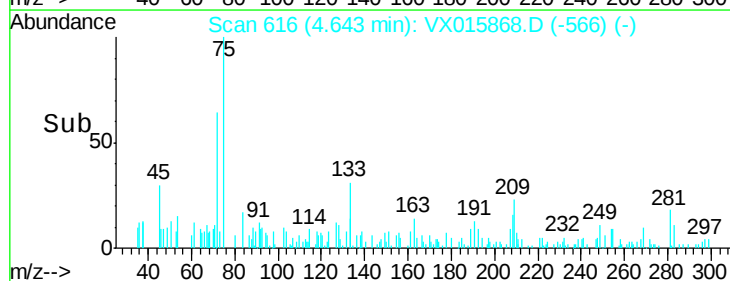
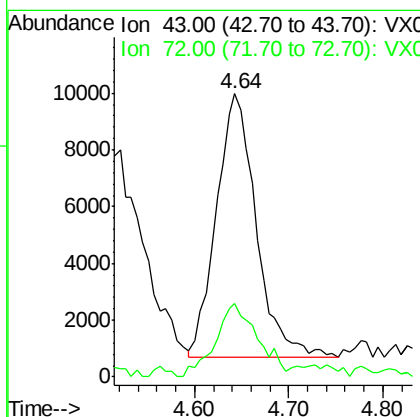
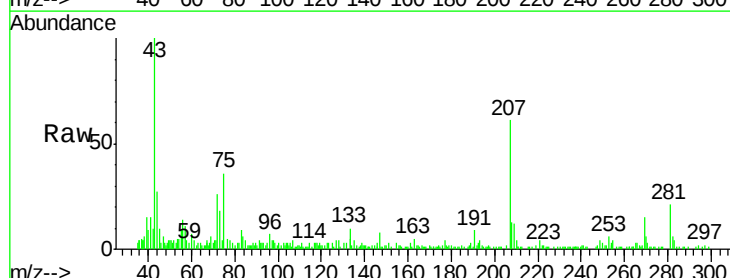
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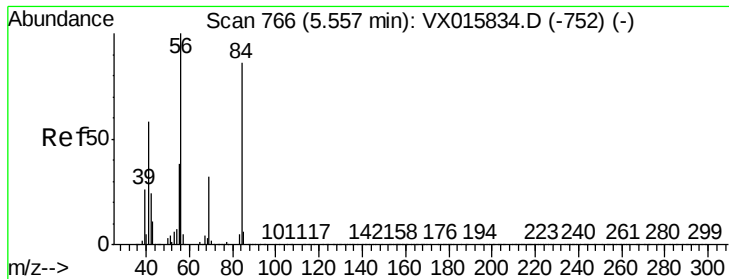
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#25
2-Butanone
Concen: 3.729 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion: 43 Resp: 27268
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2





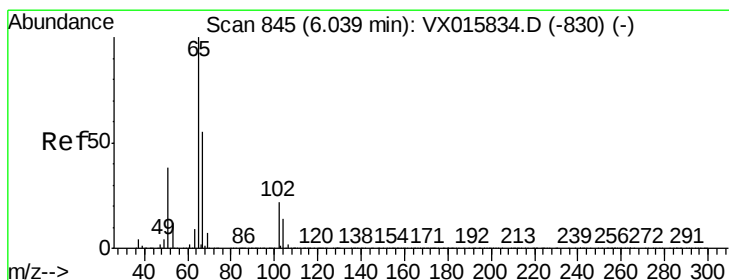
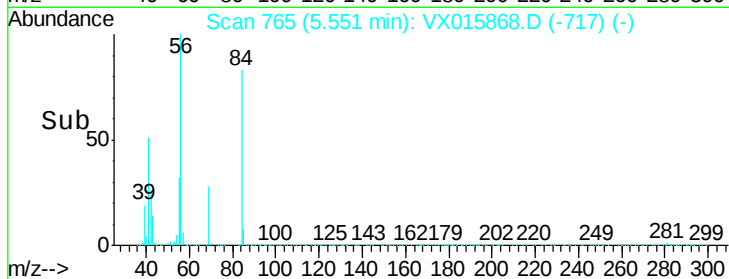
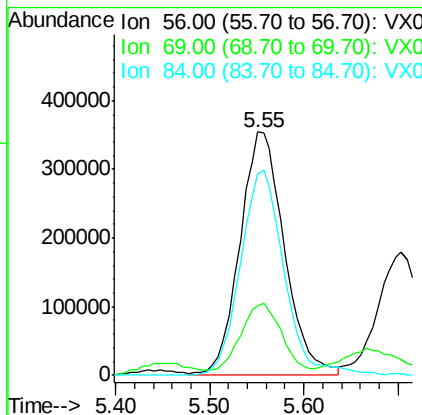
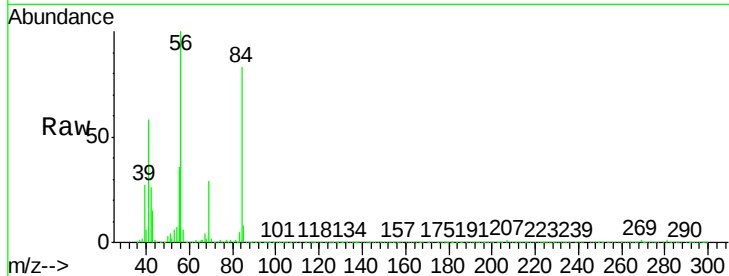
#31
Cyclohexane
Concen: 75.034 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	25.5	25.3	37.9	
84	83.2	69.1	103.7	

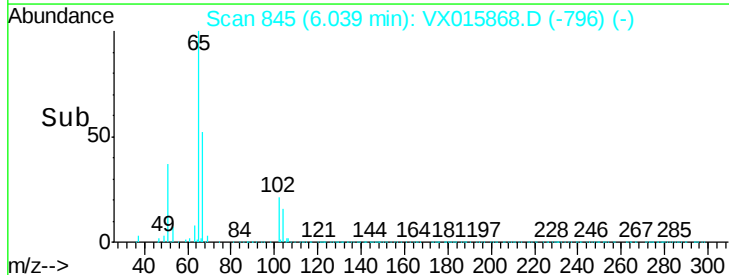
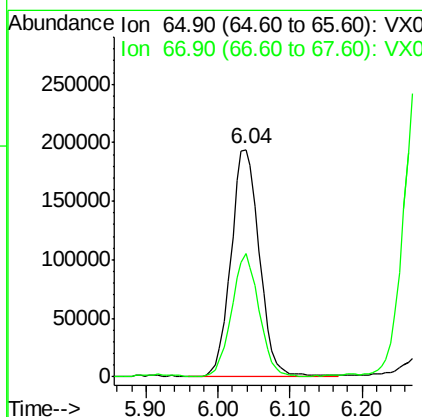
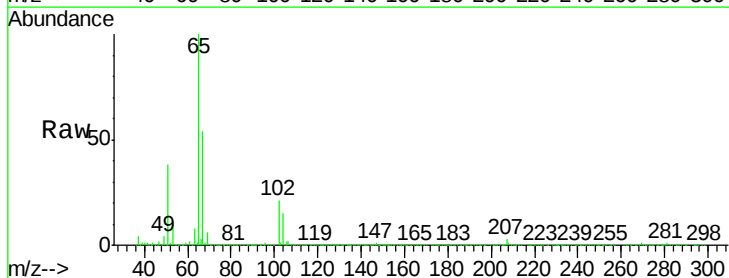
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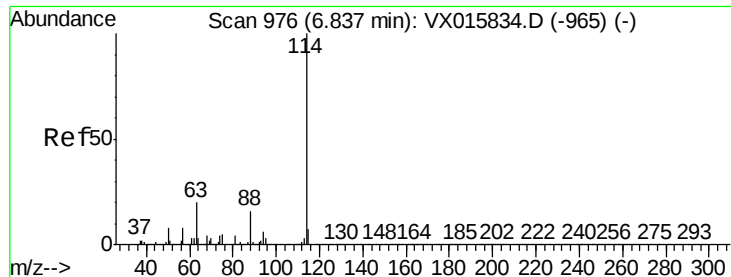
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#33
1,2-Dichloroethane-d4
Concen: 49.844 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	52.1	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: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

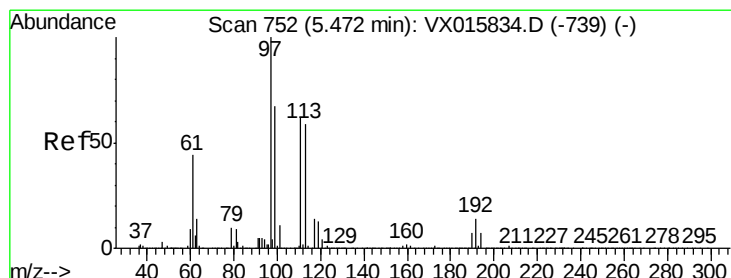
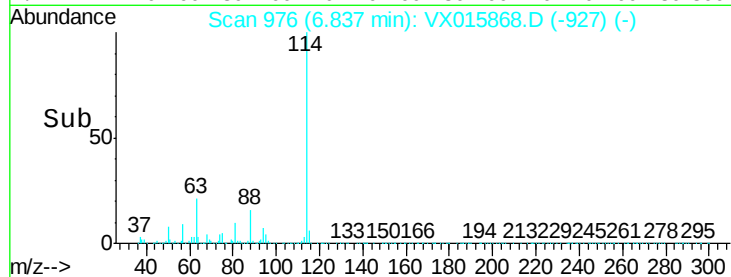
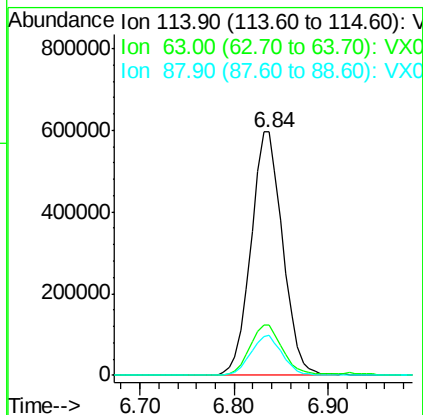
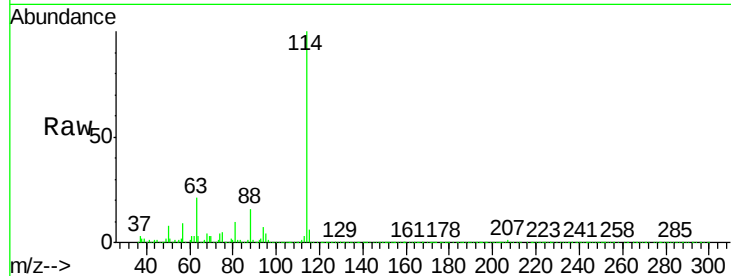
ClientSampleId :

KY001MW022-200421

Tot Ion:	114	Resp:	1410084
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.6
88	16.4	0.0	32.8

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#35

Dibromofluoromethane

Concen: 52.064 ug/l

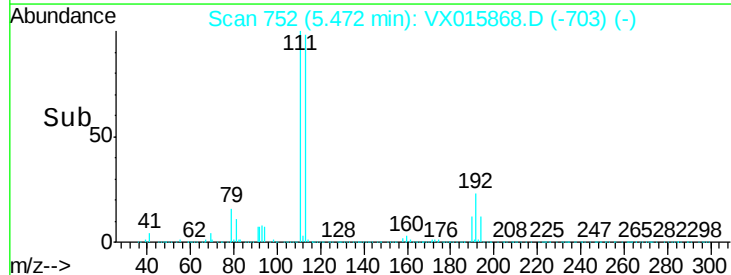
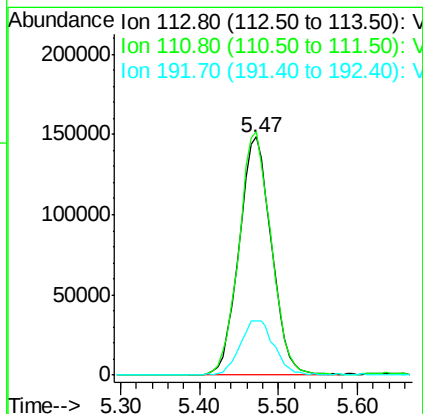
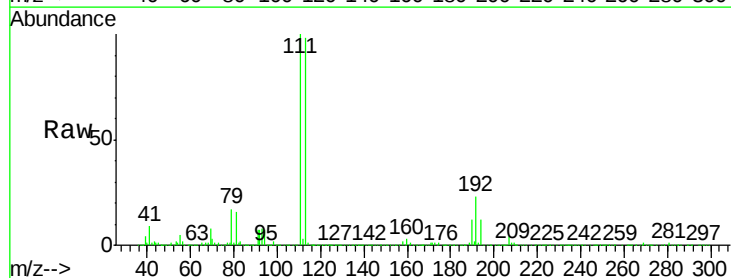
RT: 5.47 min Scan# 752

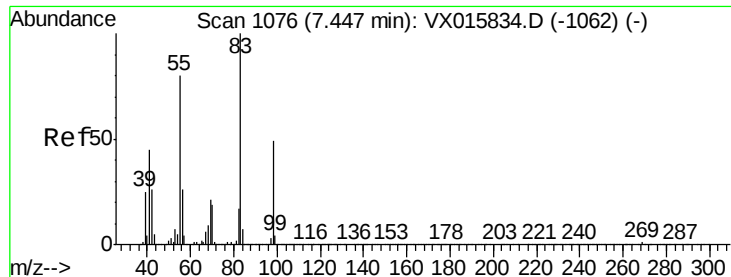
Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Tgt Ion:	113	Resp:	423766
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.7	124.1
192	24.1	19.3	28.9





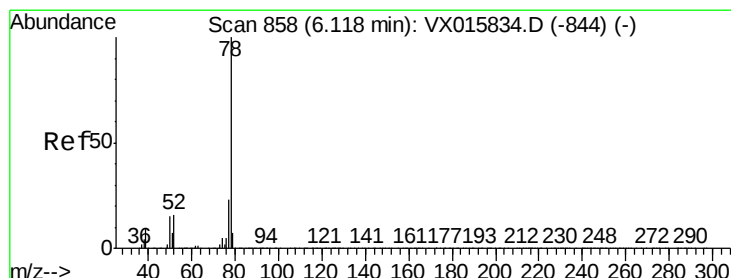
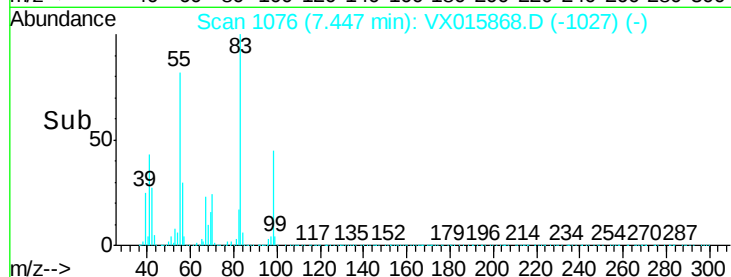
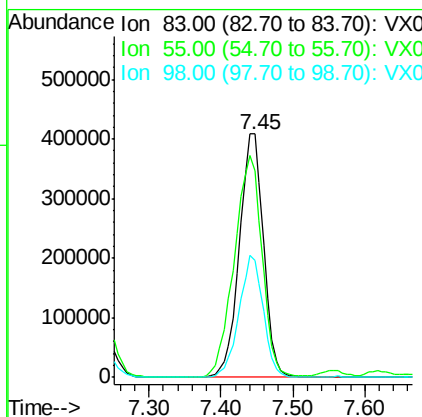
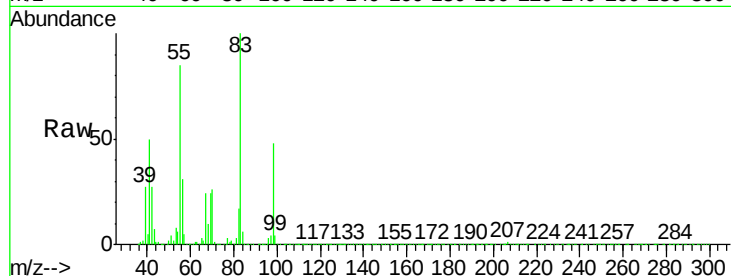
#39
Methvlcvclohexane
Concen: 59.962 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.6	64.2	96.4
98	47.9	39.3	58.9

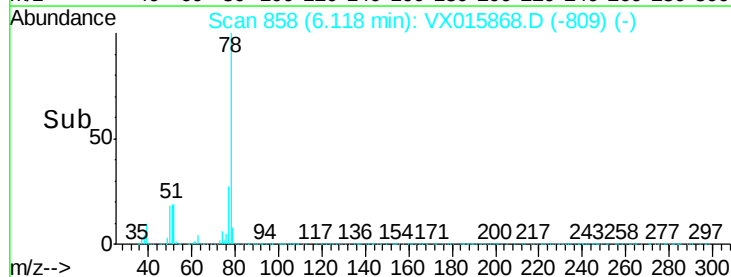
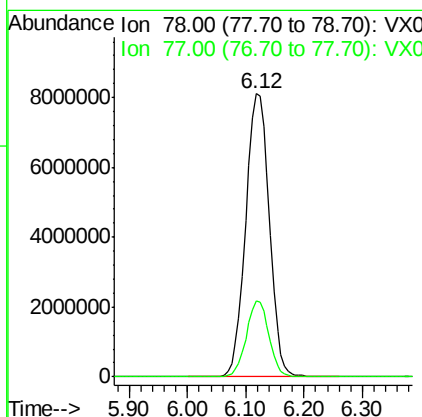
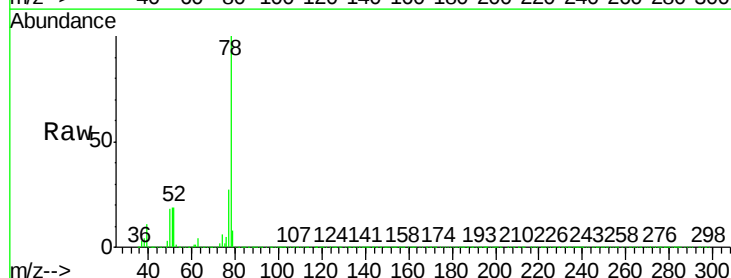
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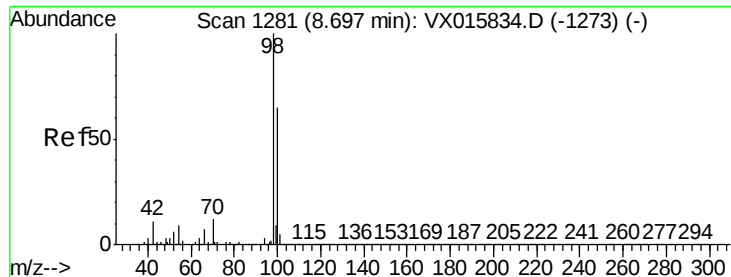
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#40
Benzene
Concen: 606.458 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.0	18.6	27.8





#50

Toluene-d8

Concen: 52.298 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Tot Ion: 98 Resp: 1713586

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6

Instrument :

MSVOA_X

ClientSampleId :

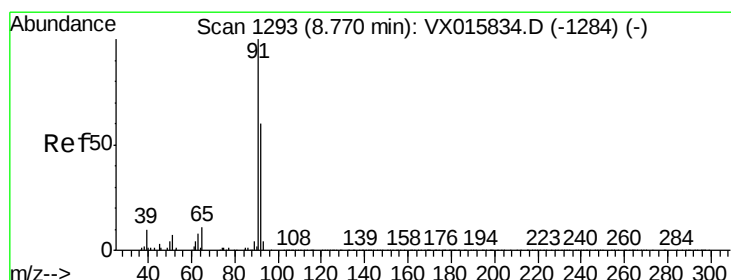
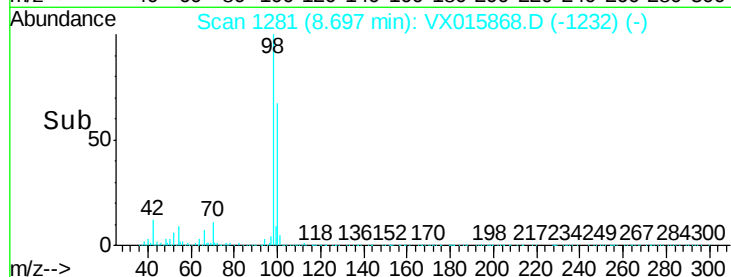
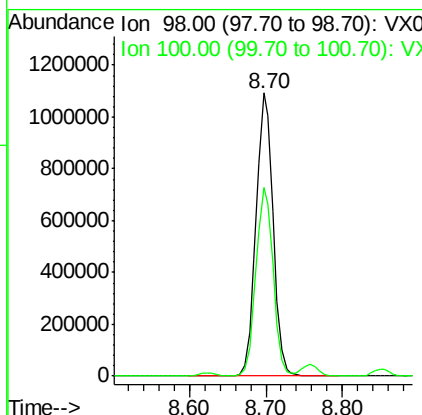
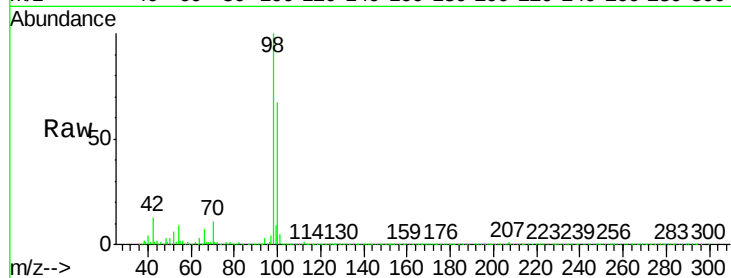
KY001MW022-200421

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#52

Toluene

Concen: 84.060 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015868.D

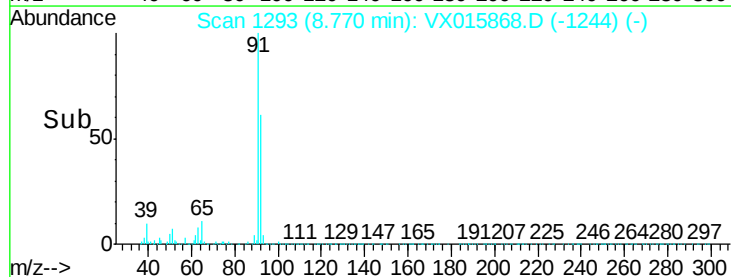
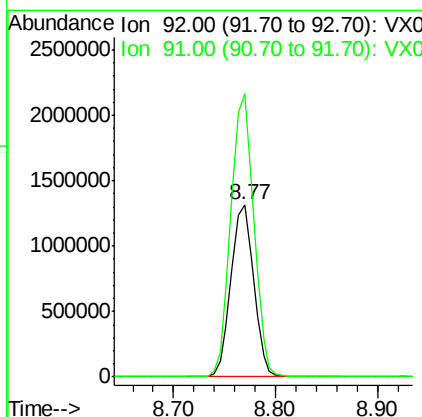
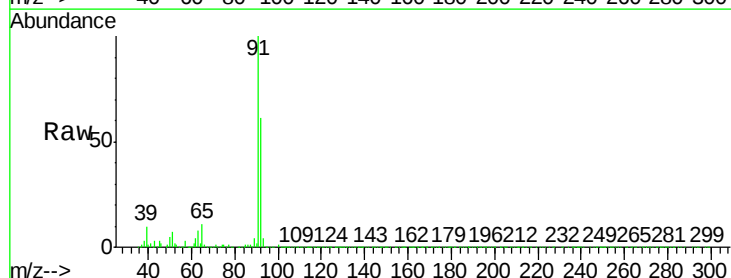
Acq: 23 Apr 2020 02:49

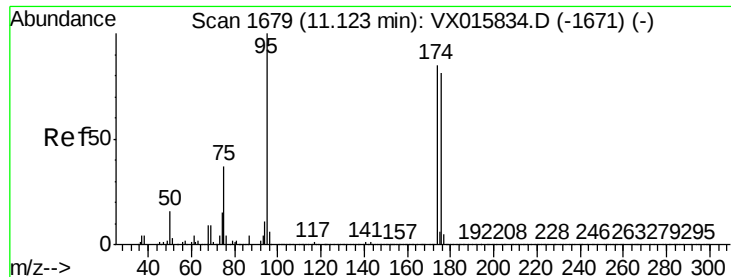
Tgt Ion: 92 Resp: 2028606

Ion Ratio Lower Upper

92 100

91 165.4 133.4 200.0





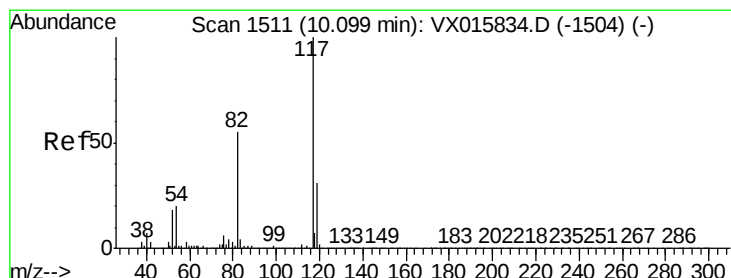
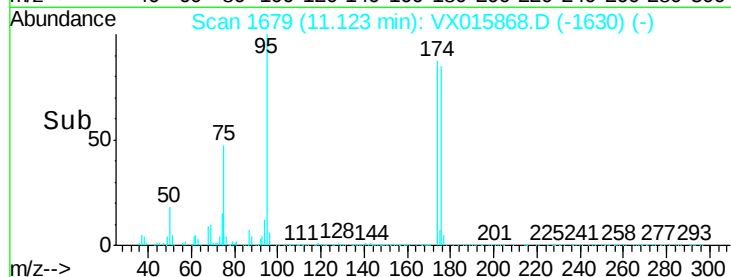
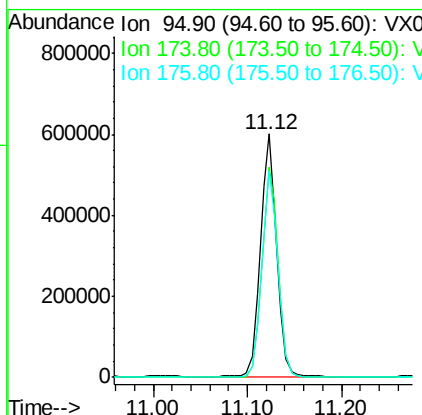
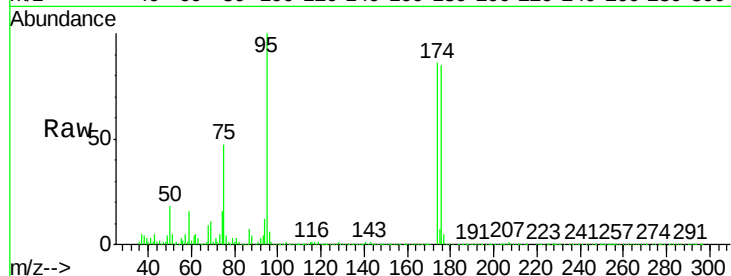
#62
4-Bromofluorobenzene
Concen: 54.487 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

Tot Ion	Ratio	Resp	Lower	Upper
95	100	732396		
174	86.0	0.0	172.4	
176	84.2	0.0	167.0	

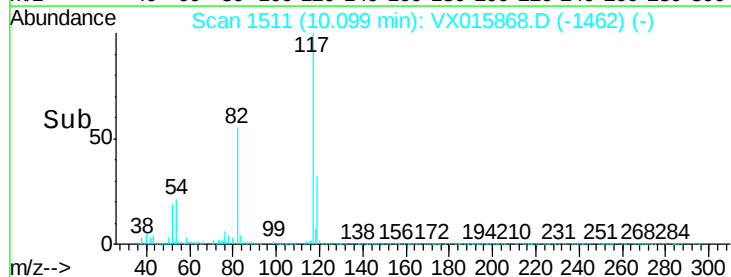
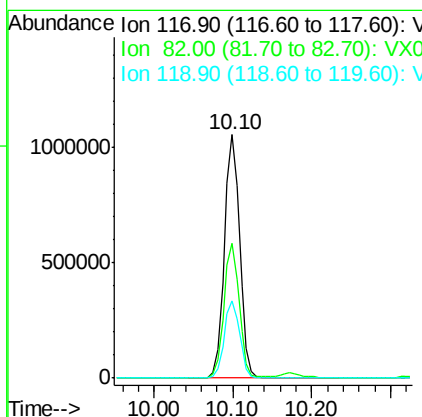
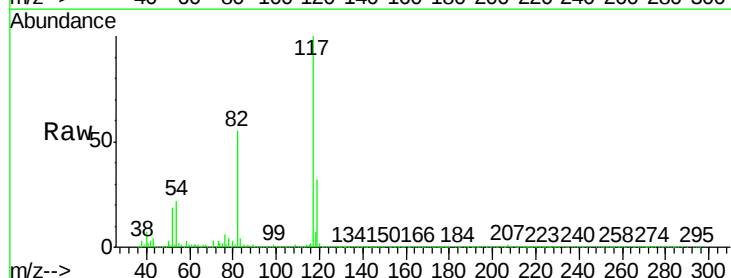
Manual Integrations
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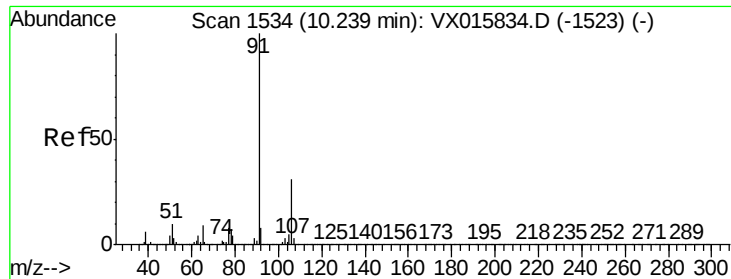
MMDadoda
4/23/2020 12:15:54 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1412317		
82	55.2	43.9	65.9	
119	31.8	25.1	37.7	





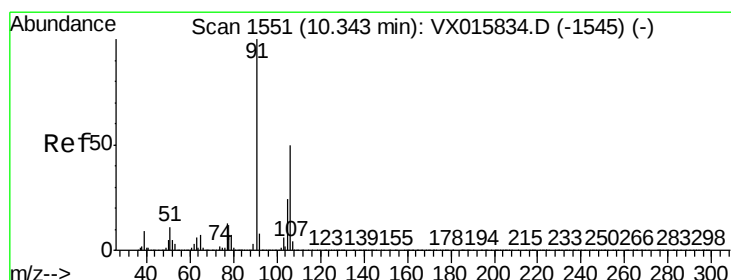
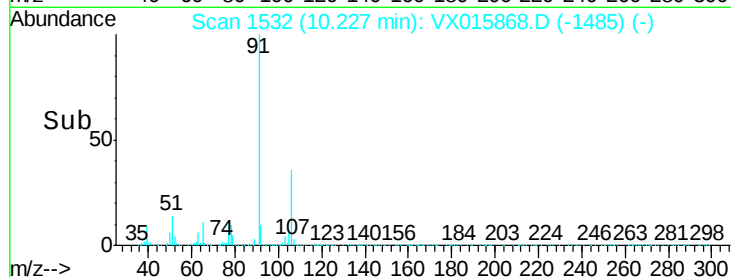
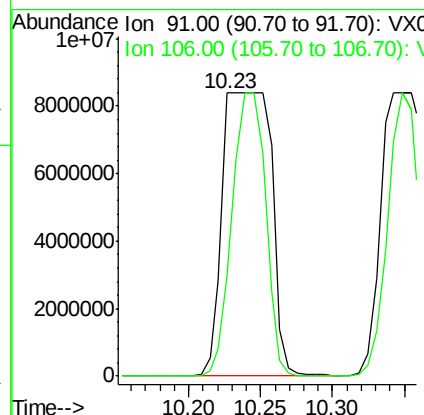
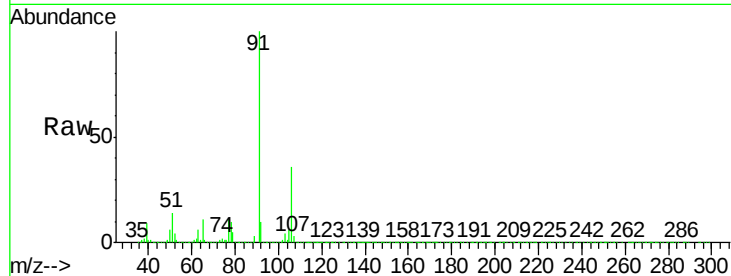
#67
Ethyl Benzene
Concen: 399.496 ug/l m
RT: 10.23 min Scan# 1532
Delta R.T. -0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

Tot Ion: 91 Resp:19812947
Ion Ratio Lower Upper
91 100
106 35.5 25.0 37.4

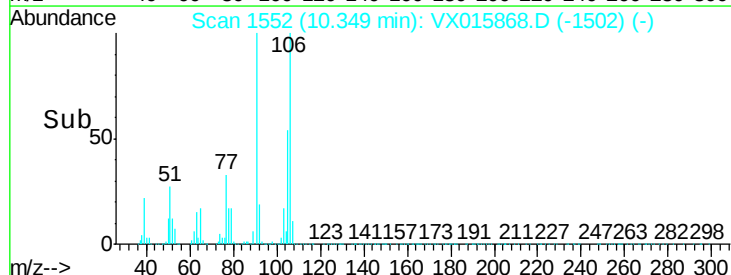
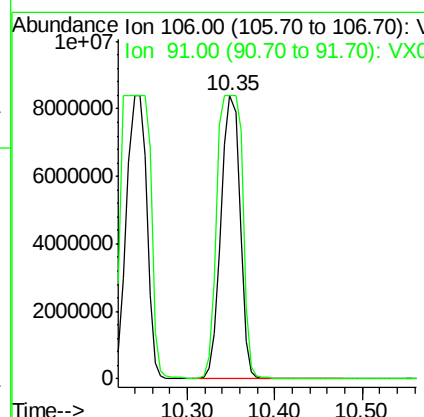
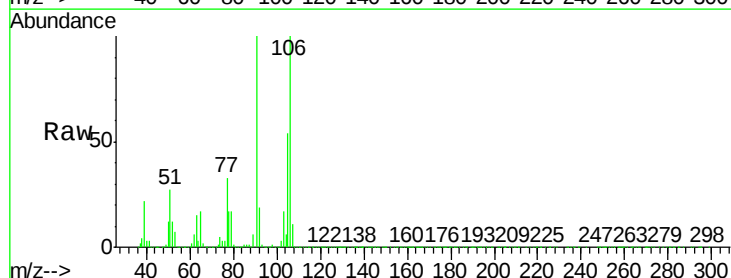
Manual Integrations
APPROVED

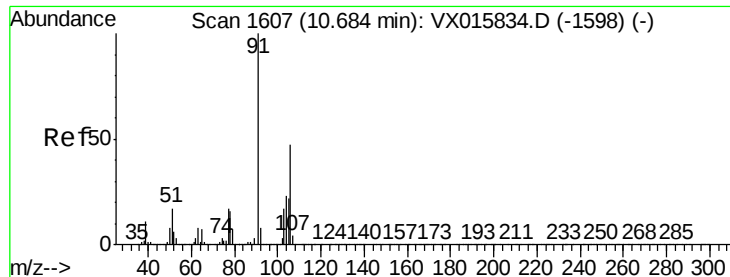
MMDadoda
4/23/2020 12:15:54 PM



#68
m/p-Xylenes
Concen: 675.851 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion:106 Resp:12581324
Ion Ratio Lower Upper
106 100
91 135.0 161.1 241.7#





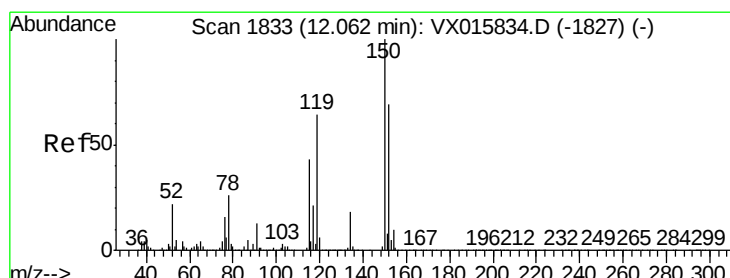
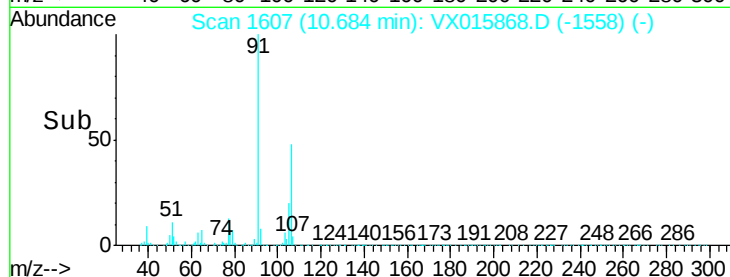
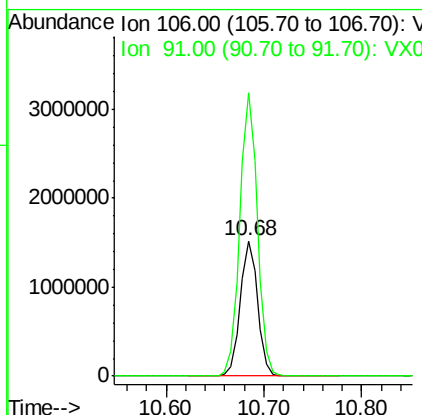
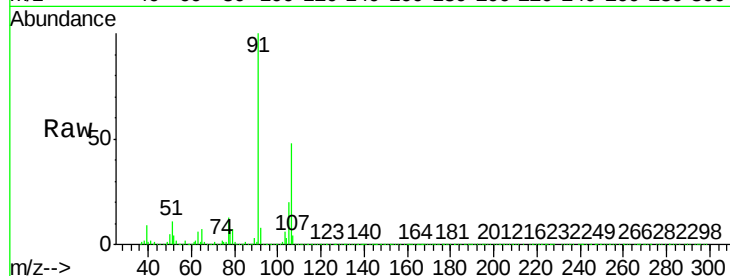
#69
o-Xylene
Concen: 101.748 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

Tot Ion:106 Resp: 1863898
Ion Ratio Lower Upper
106 100
91 212.8 107.1 321.3

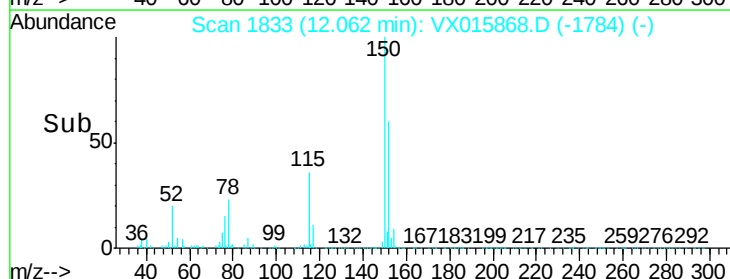
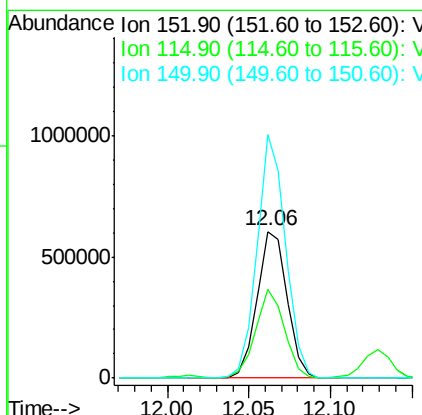
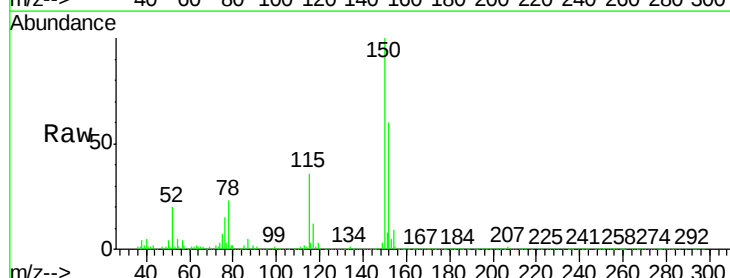
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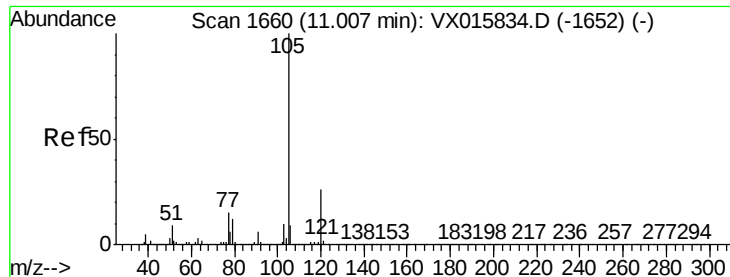
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion:152 Resp: 770098
Ion Ratio Lower Upper
152 100
115 57.5 39.0 116.9
150 157.9 0.0 336.8





#73

Isopropylbenzene

Concen: 150.865 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421

Tot Ion:105 Resp: 7378648

Ion Ratio Lower Upper

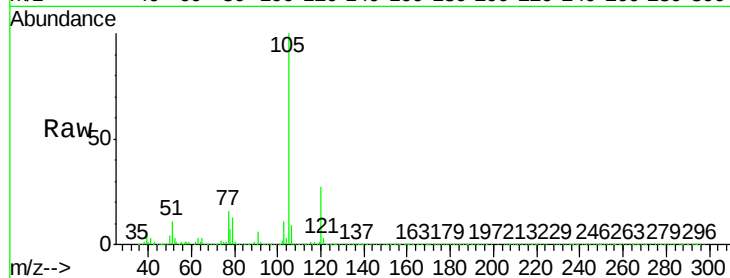
105 100

120 27.3 13.1 39.1

Manual Integrations
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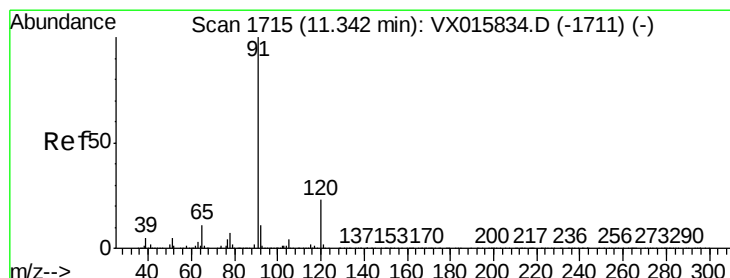
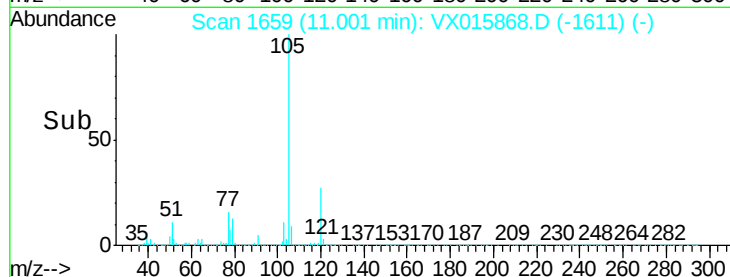
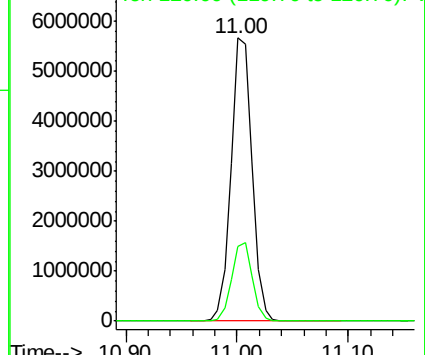
MMDadoda

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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: 128.905 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015868.D

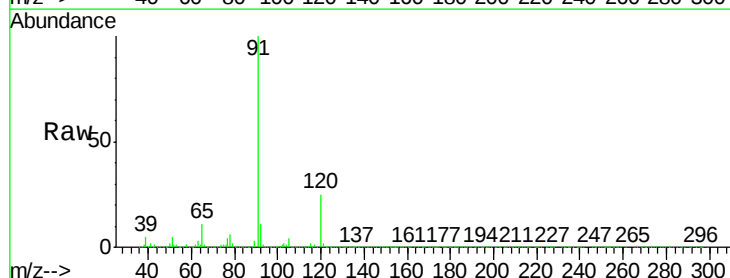
Acq: 23 Apr 2020 02:49

Tgt Ion: 91 Resp: 7222251

Ion Ratio Lower Upper

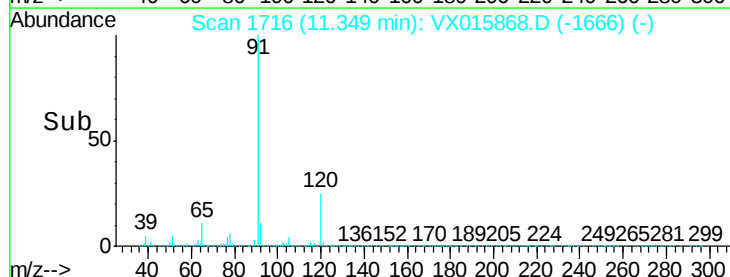
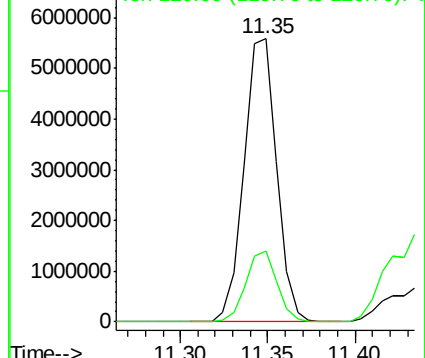
91 100

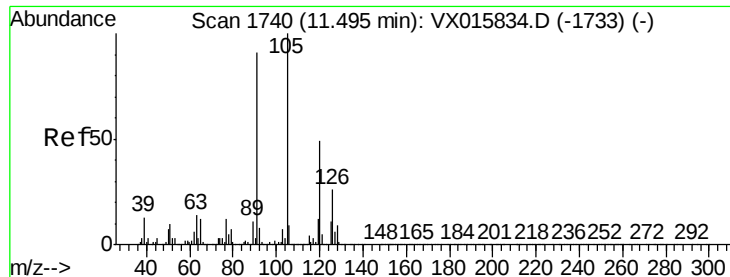
120 24.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





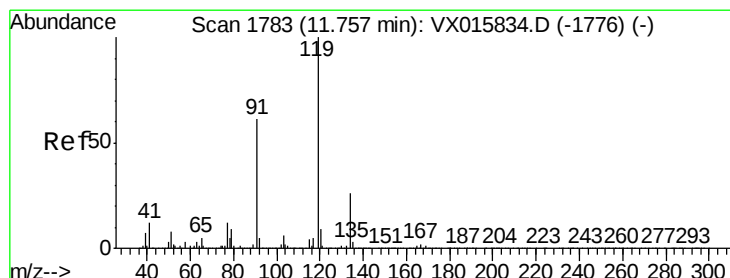
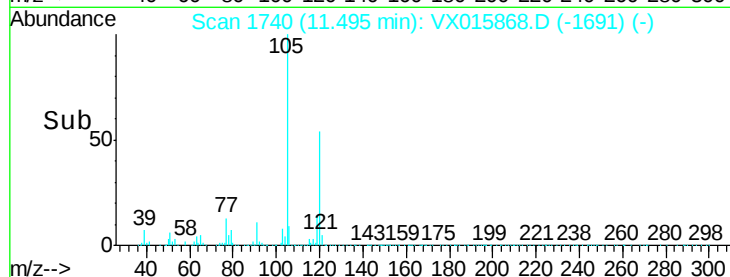
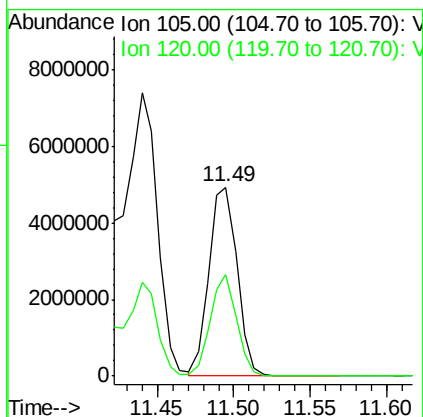
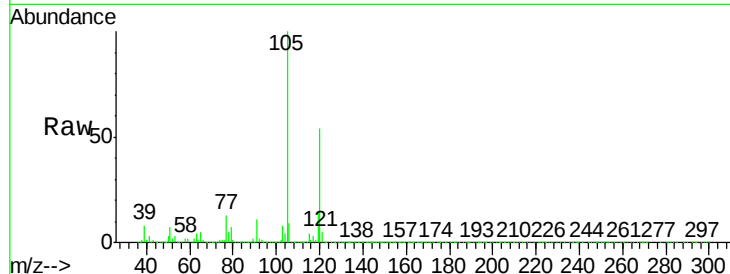
#80
 1,3,5-Trimethylbenzene
 Concen: 152.013 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

Tot Ion:105 Resp: 6339544
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.7

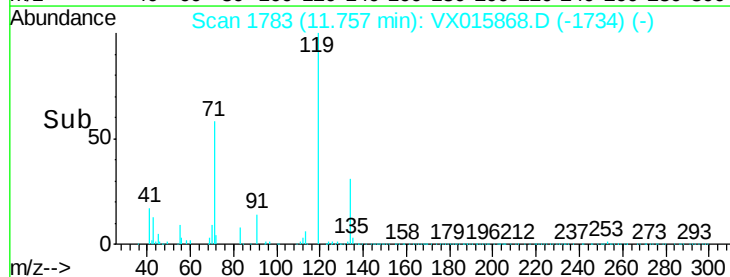
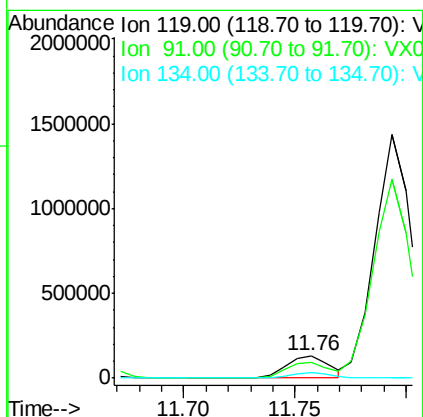
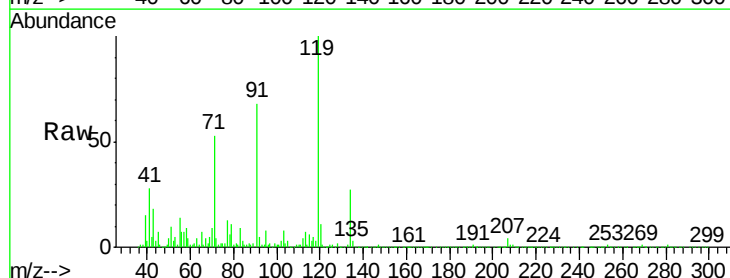
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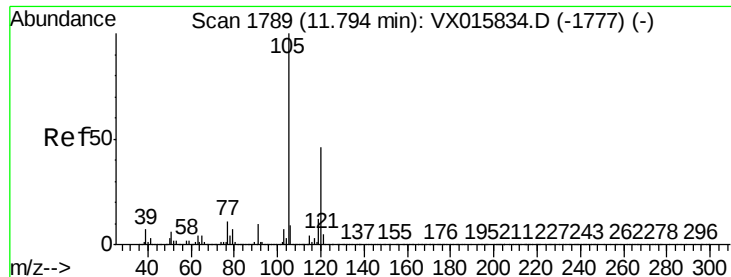
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#83
 tert-Butylbenzene
 Concen: 4.543 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Tgt Ion:119 Resp: 168072
 Ion Ratio Lower Upper
 119 100
 91 71.1 30.9 92.7
 134 24.3 12.4 37.2





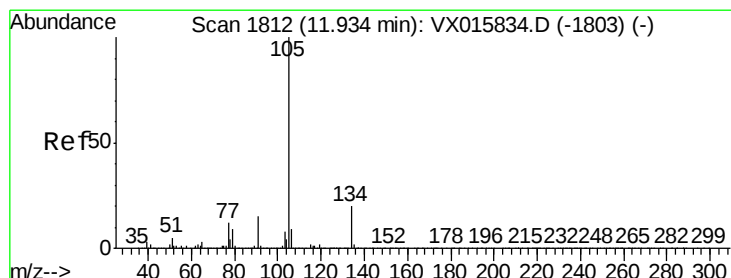
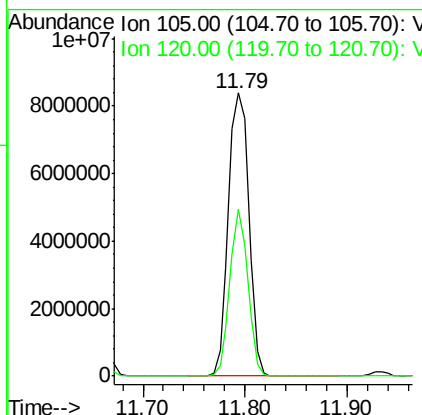
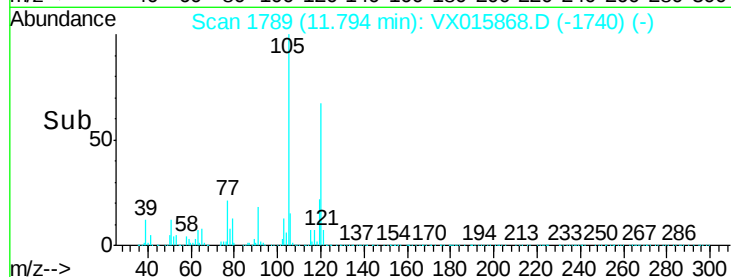
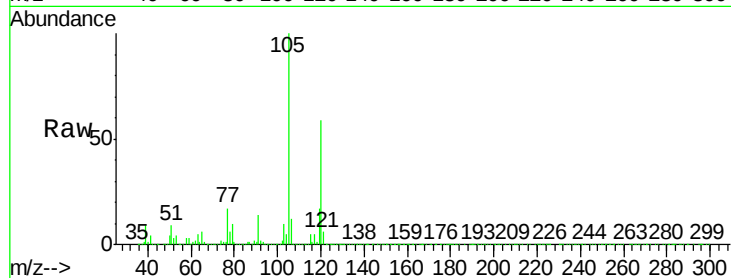
#84
 1,2,4-Trimethylbenzene
 Concen: 268.431 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

Tot Ion:105 Resp:11622074
 Ion Ratio Lower Upper
 105 100
 120 51.9 22.9 68.7

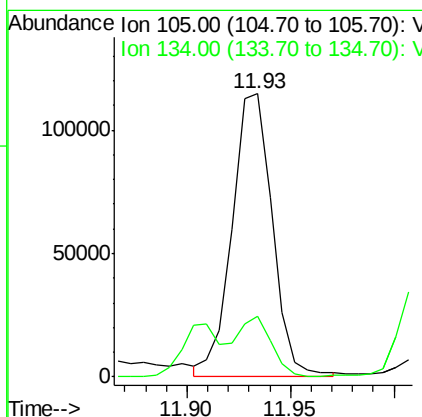
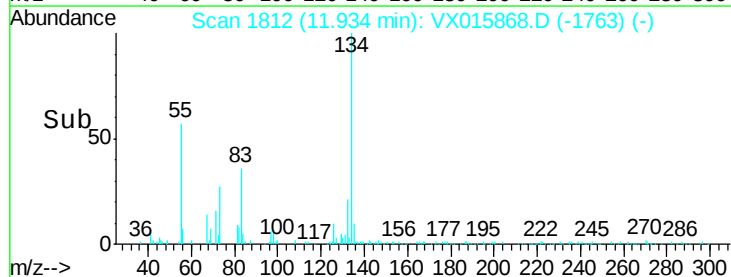
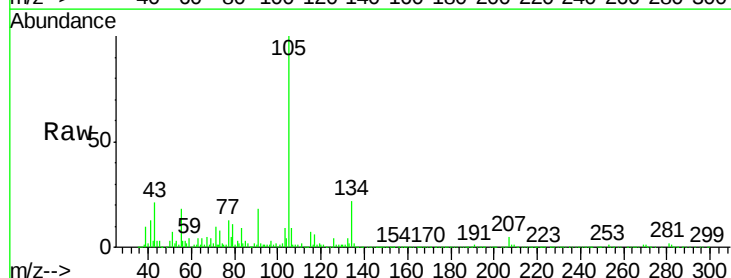
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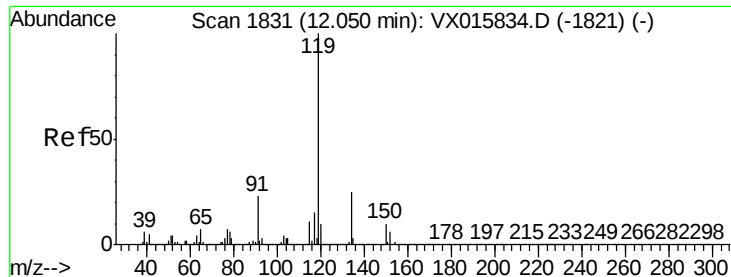
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#85
 sec-Butylbenzene
 Concen: 3.183 ug/l m
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Tgt Ion:105 Resp: 155237
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#





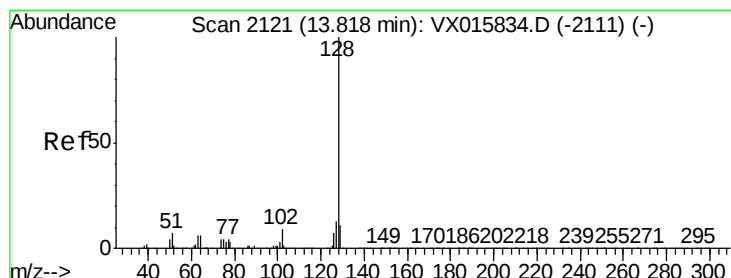
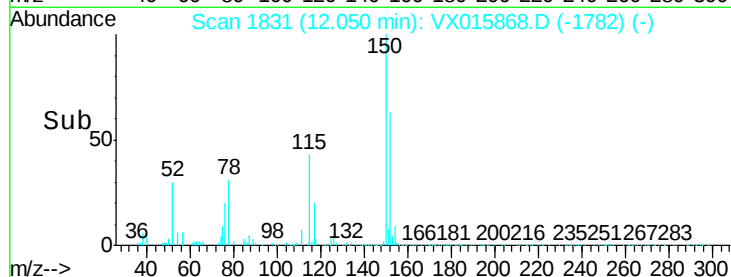
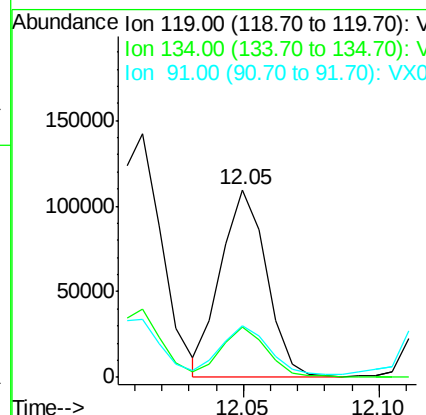
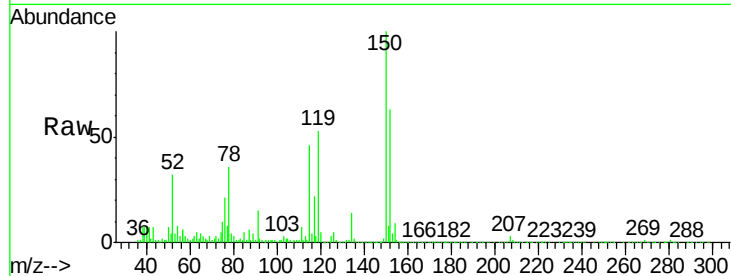
#86
p-Isopropyltoluene
Concen: 2.775 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	27.0	13.0	38.9
91	0.0	11.5	34.5#

Manual Integrations
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#95
Naphthalene
Concen: 180.268 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	13.8	10.5	15.7
129	11.8	8.5	12.7

