

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016889.D
 Acq On : 19 Jun 2020 18:53
 Operator : JC/SP
 Sample : L3020-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

Manual Integrations
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 6/22/2020 12:23:14 PM

Quant Time: Jun 22 12:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	230666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	363264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	128834	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	5.47	113	126694	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
50) Toluene-d8	8.70	98	448808	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	11.12	95	243264	68.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.58%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	15911	5.543	ug/l	98
11) Tert butyl alcohol	3.02	59	2452	5.228	ug/l #	72
16) Acetone	2.42	43	72771	72.260	ug/l	99
18) Methyl Acetate	2.75	43	8307	3.244	ug/l	93
25) 2-Butanone	4.64	43	46717	33.707	ug/l	98
31) Cyclohexane	5.55	56	557987	162.649	ug/l	98
39) Methylcyclohexane	7.44	83	1151225	295.187	ug/l	99
40) Benzene	6.11	78	13817	1.373	ug/l	98
52) Toluene	8.76	92	122272	18.314	ug/l	99
67) Ethyl Benzene	10.24	91	14699242	926.126	ug/l #	70
68) m/p-Xylenes	10.35	106	3234968	523.777	ug/l	97
69) o-Xylene	10.68	106	24495	4.289	ug/l	98
73) Isopropylbenzene	11.00	105	1667486	106.195	ug/l	100
78) n-propylbenzene	11.35	91	5264686	300.428	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	4221821	311.623	ug/l	99
83) tert-Butylbenzene	11.76	119	17431m	1.300	ug/l	
84) 1,2,4-Trimethylbenzene	11.80	105	13495147	966.997	ug/l	85
85) sec-Butylbenzene	11.93	105	241324m	15.501	ug/l	
86) p-Isopropyltoluene	12.05	119	130042	9.117	ug/l #	77
89) n-Butylbenzene	12.37	91	744565m	60.872	ug/l	
95) Naphthalene	13.82	128	7156727	480.641	ug/l	98

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

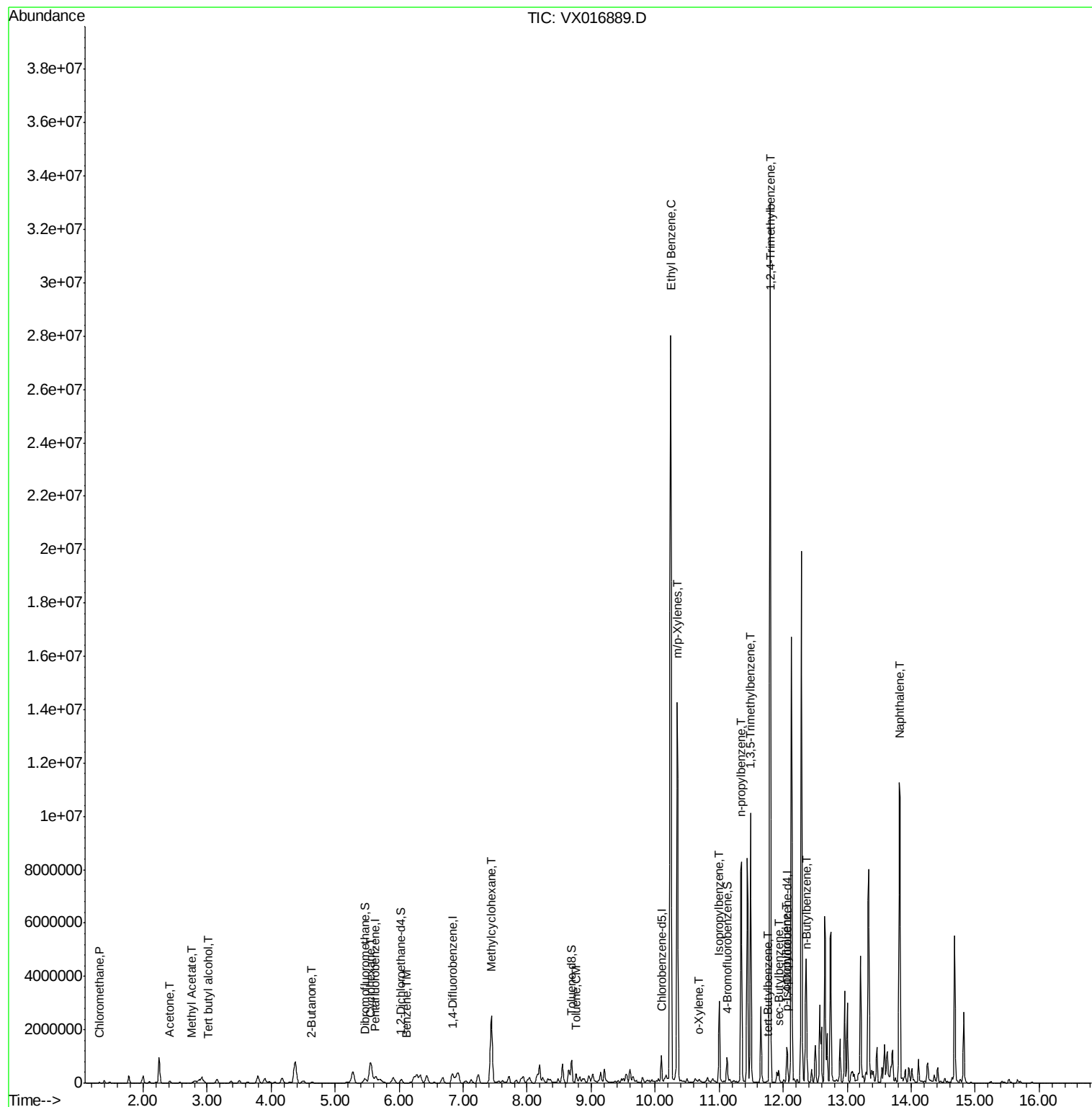
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016889.D
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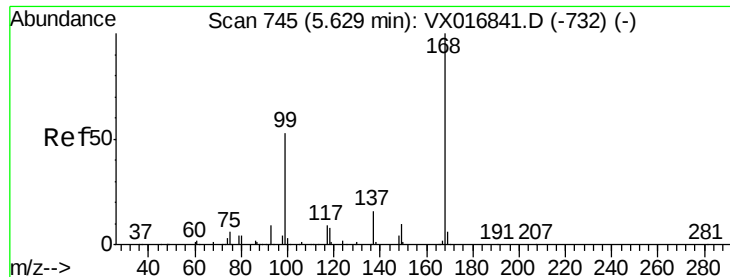
Instrument :
MSVOA_X
ClientSampleId :
MW-27

Manual Integrations
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Quant Time: Jun 22 12:07:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016889.D

Acq: 19 Jun 2020 18:53

Instrument :

MSVOA_X

ClientSampled :

MW-27

Tot Ion:168 Resp: 230666

Ion Ratio Lower Upper

168 100

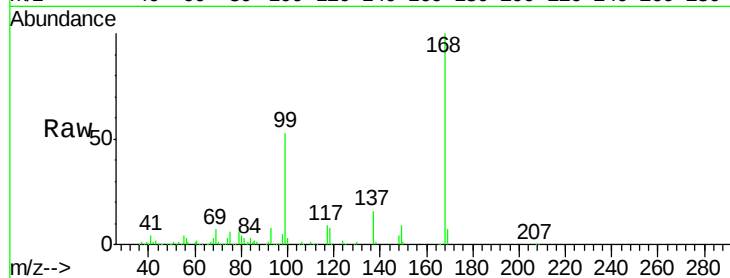
99 52.8 42.2 63.2

Manual Integrations

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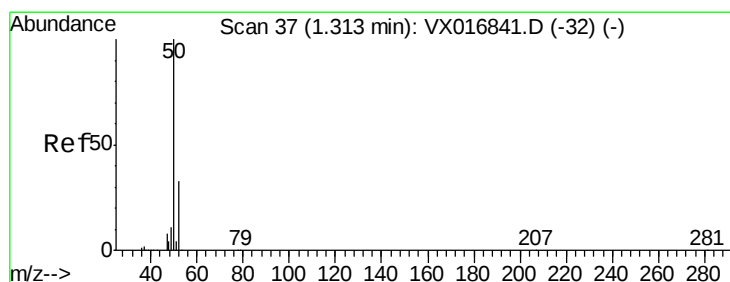
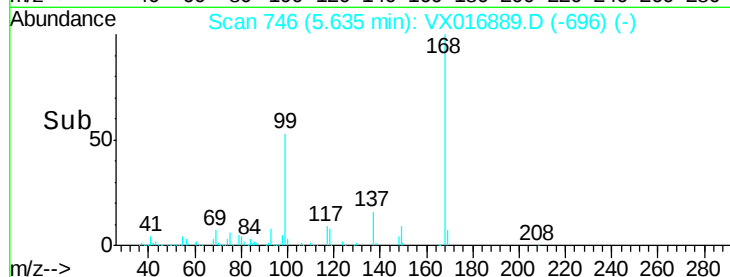
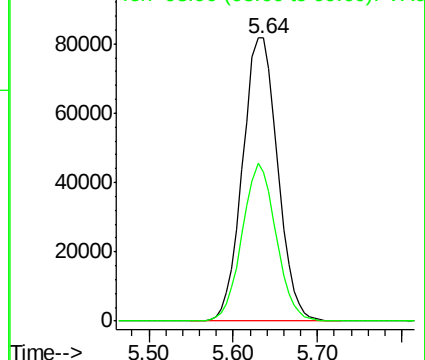
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 5.543 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016889.D

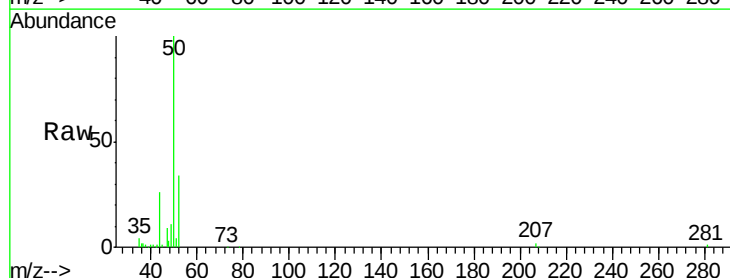
Acq: 19 Jun 2020 18:53

Tgt Ion: 50 Resp: 15911

Ion Ratio Lower Upper

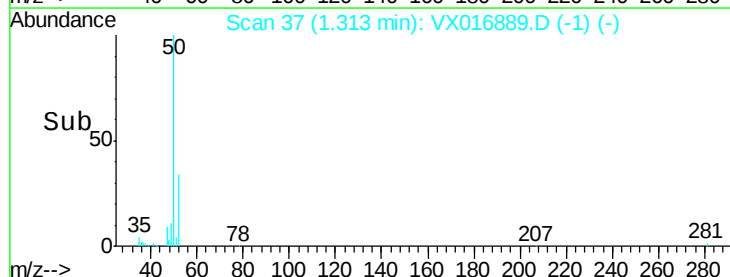
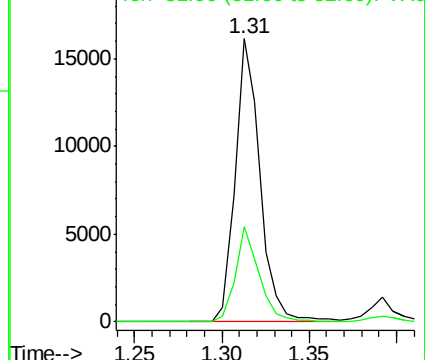
50 100

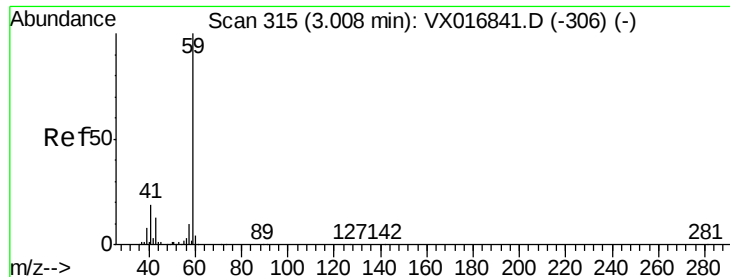
52 33.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





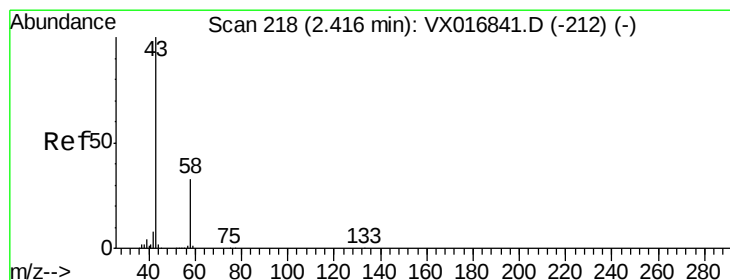
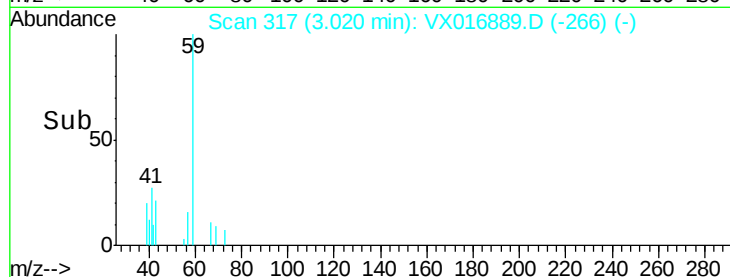
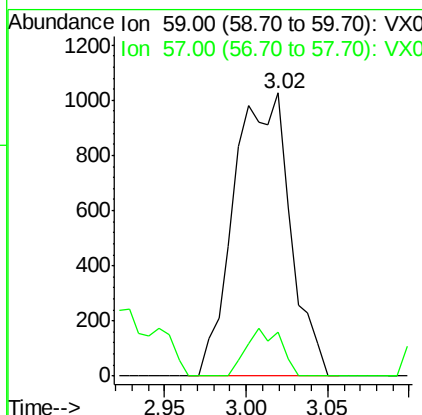
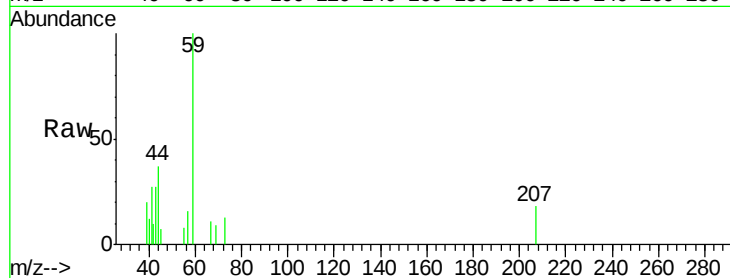
#11
Tert butyl alcohol
Concen: 5.228 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Instrument :
MSVOA_X
ClientSampled :
MW-27

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

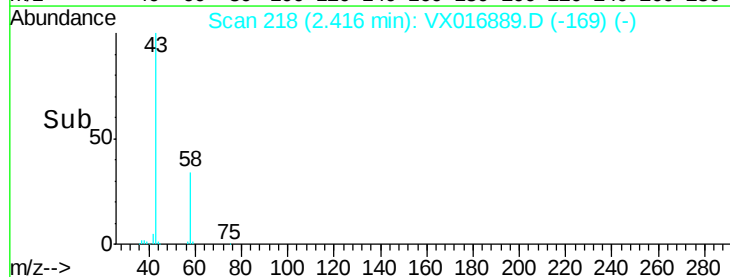
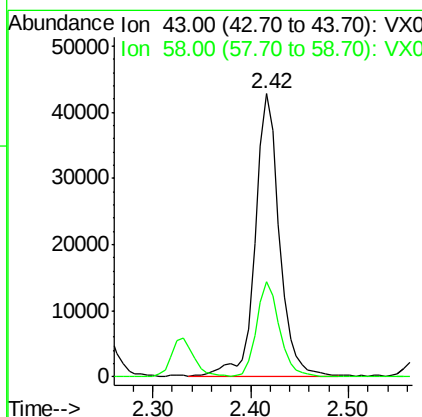
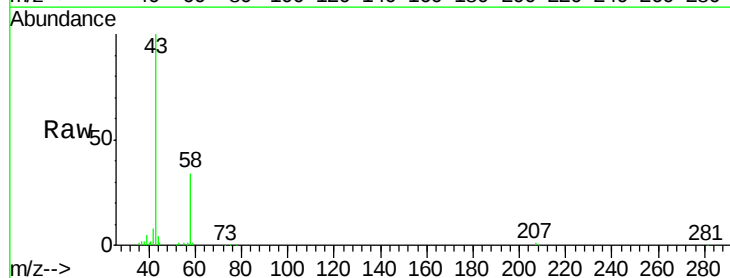
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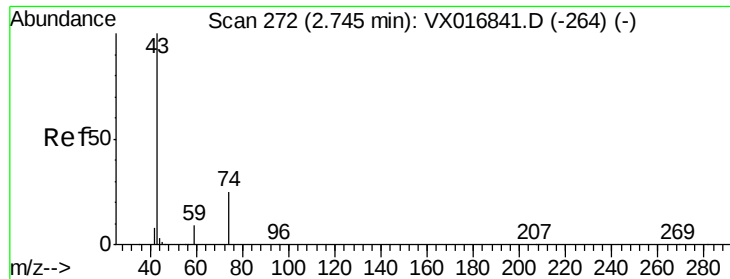
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#16
Acetone
Concen: 72.260 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.6	39.8





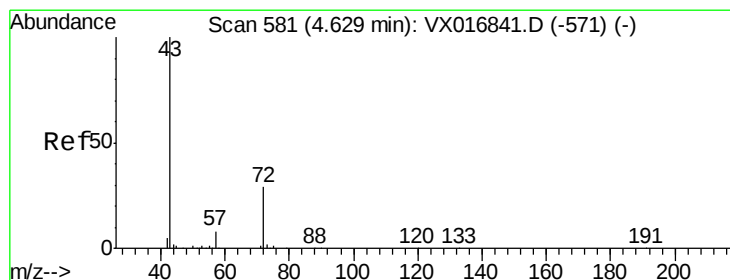
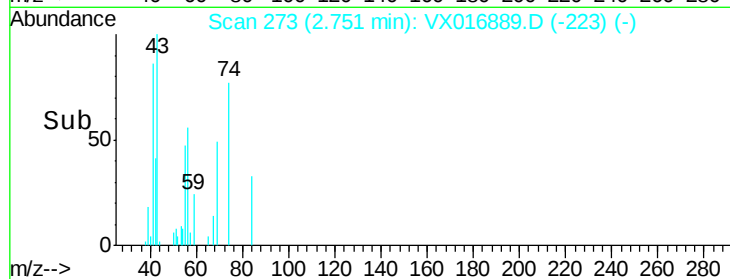
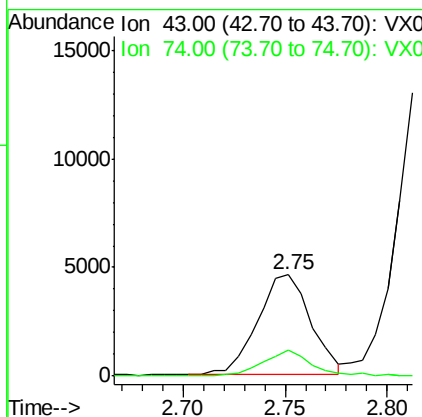
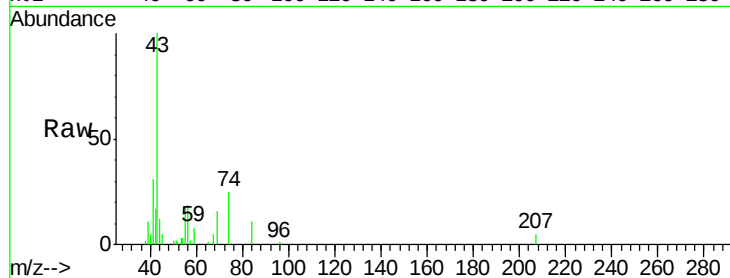
#18
Methvl Acetate
Concen: 3.244 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Instrument :
MSVOA_X
ClientSampled :
MW-27

Tot Ion	Ratio	Lower	Upper
43	100		
74	23.6	21.8	32.8

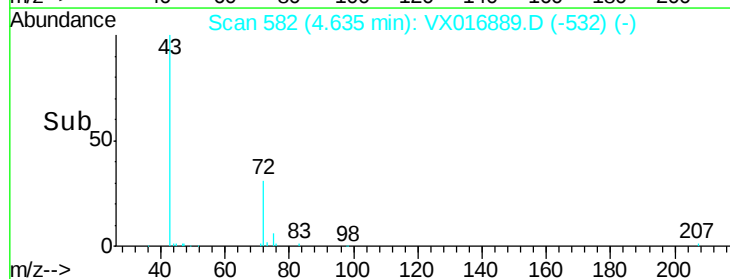
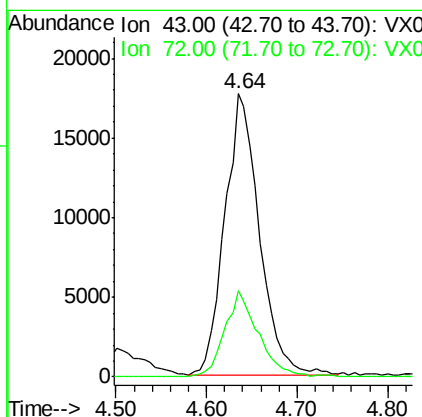
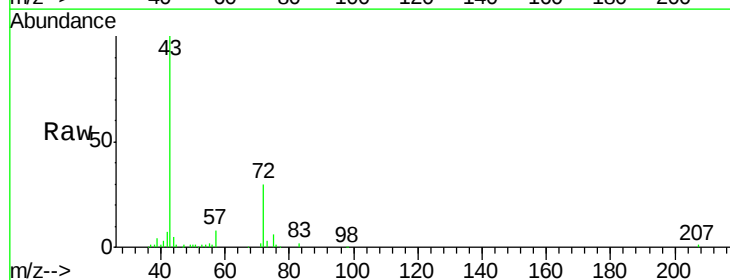
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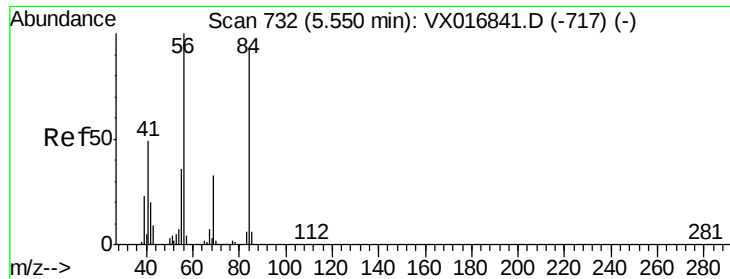
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#25
2-Butanone
Concen: 33.707 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Tgt Ion	Ratio	Lower	Upper
43	100		
72	30.5	23.5	35.3





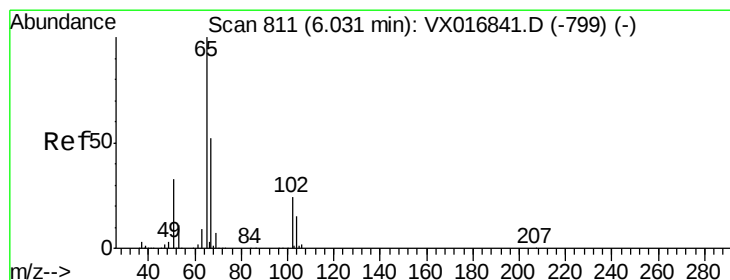
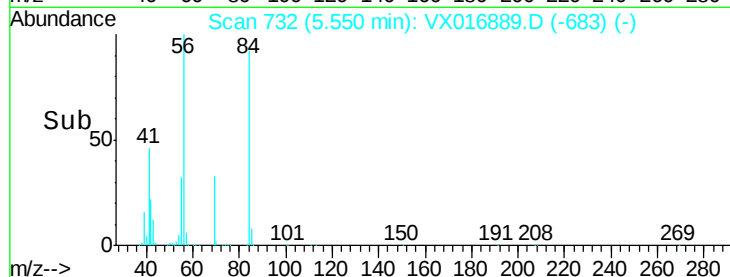
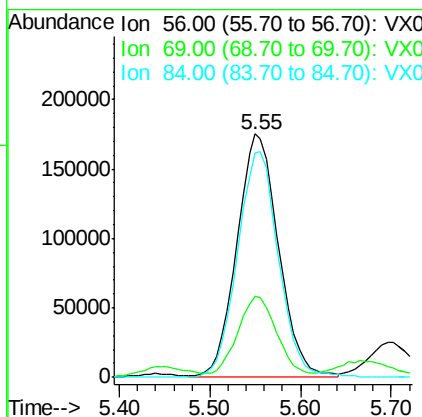
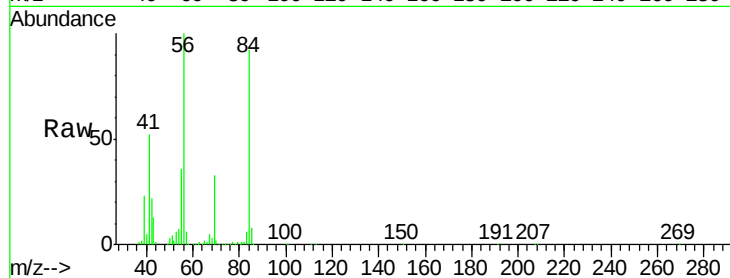
#31
Cyclohexane
Concen: 162.649 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.1	39.1
84	92.5	73.0	109.6

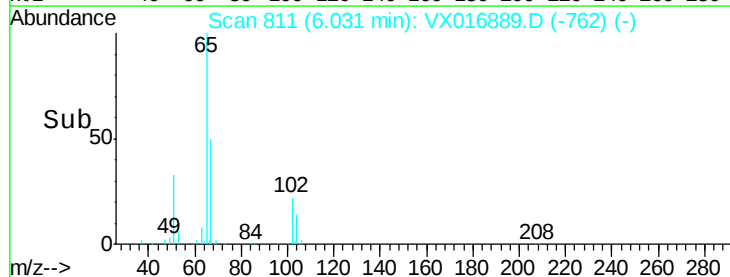
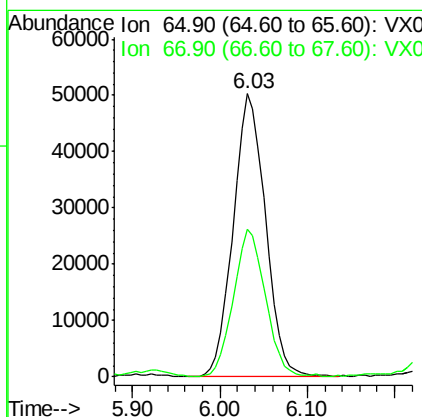
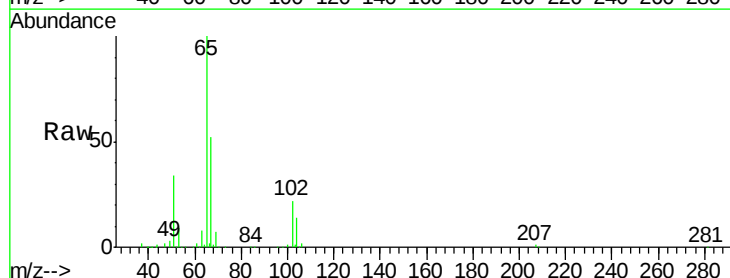
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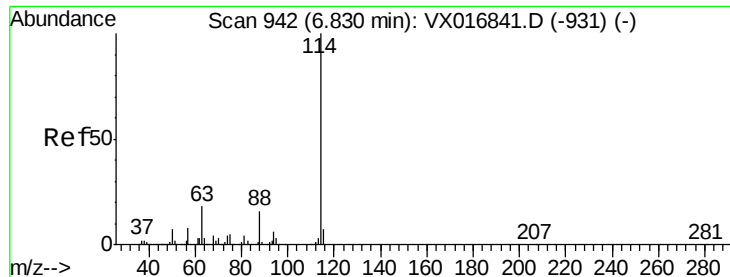
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#33
1,2-Dichloroethane-d4
Concen: 46.441 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016889.D

Acq: 19 Jun 2020 18:53

Instrument :

MSVOA_X

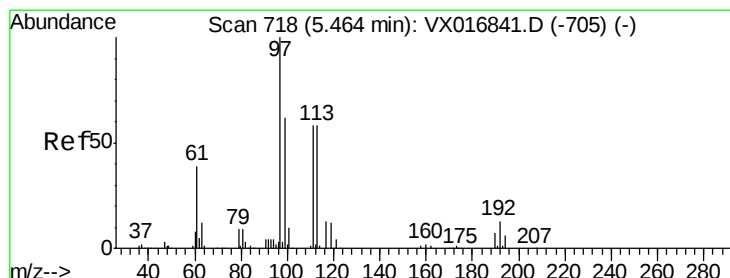
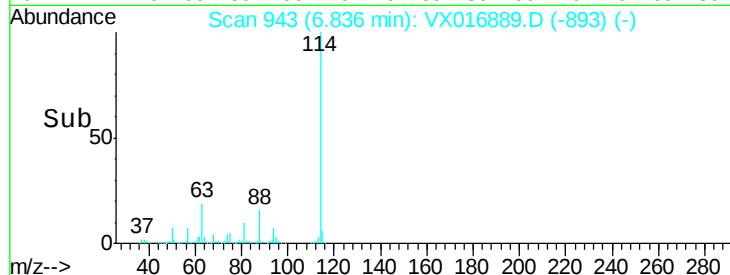
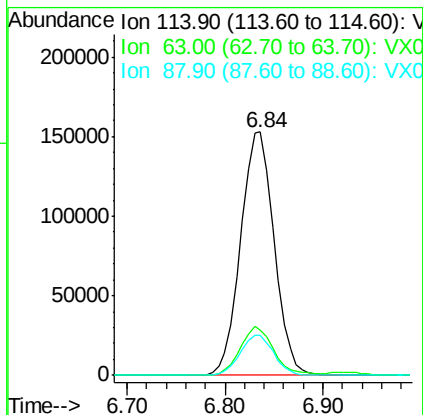
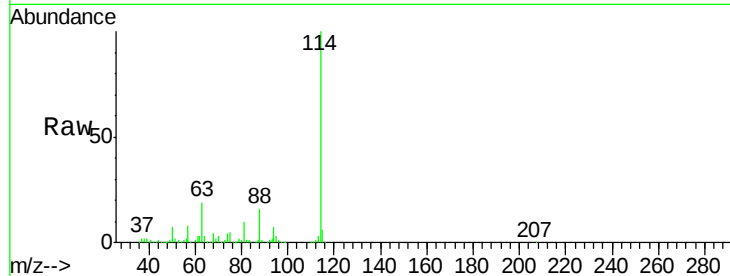
ClientSampleId :

MW-27

Tot Ion:	114	Resp:	363264
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	37.0
88	16.3	0.0	32.0

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#35

Dibromofluoromethane

Concen: 54.520 ug/l

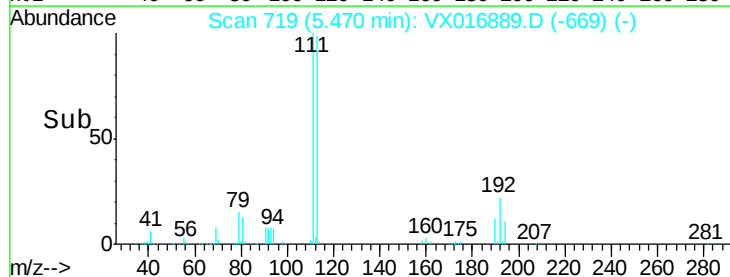
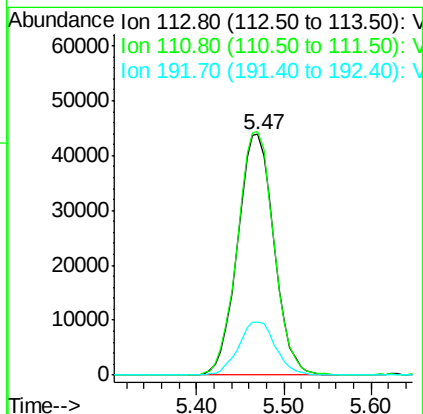
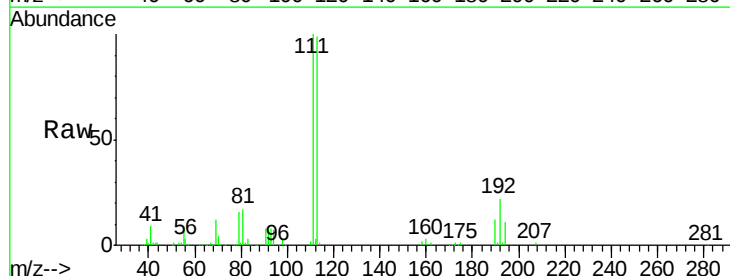
RT: 5.47 min Scan# 719

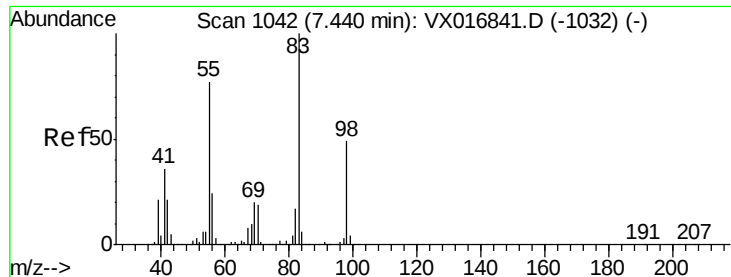
Delta R.T. 0.01 min

Lab File: VX016889.D

Acq: 19 Jun 2020 18:53

Tgt Ion:	113	Resp:	126694
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.0	121.4
192	22.5	18.5	27.7





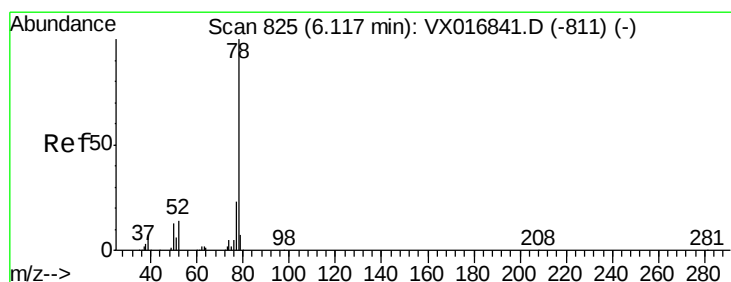
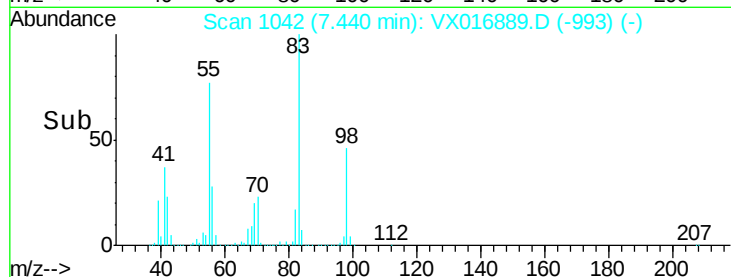
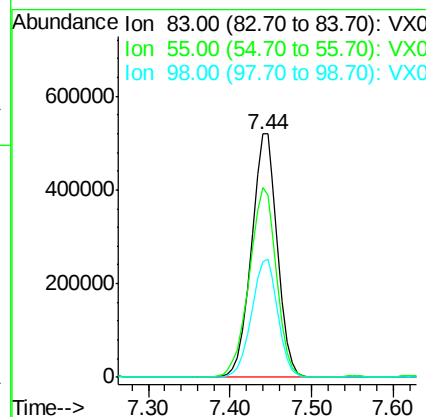
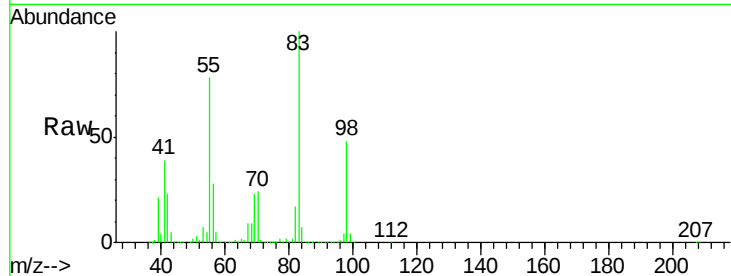
#39
Methvlcvclohexane
Concen: 295.187 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.7	92.5
98	47.7	39.0	58.6

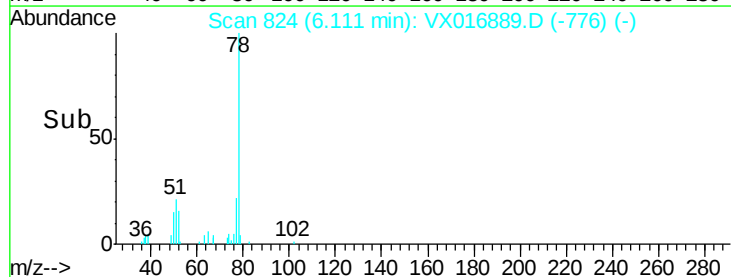
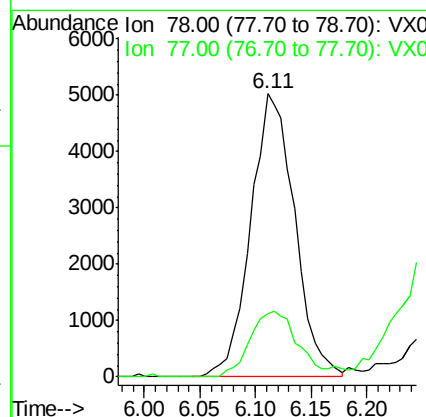
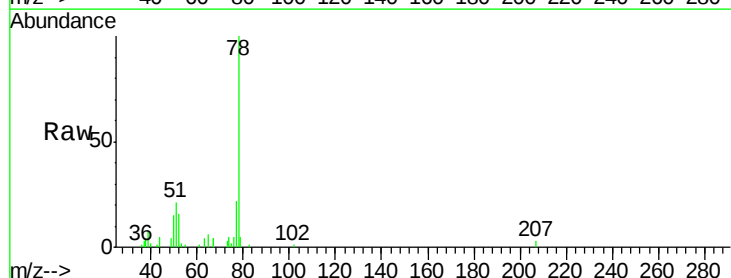
Manual Integrations
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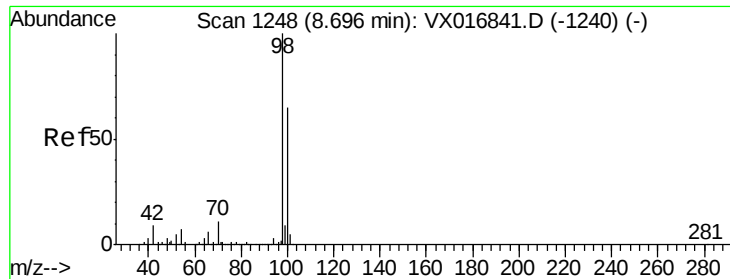
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#40
Benzene
Concen: 1.373 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	27.8





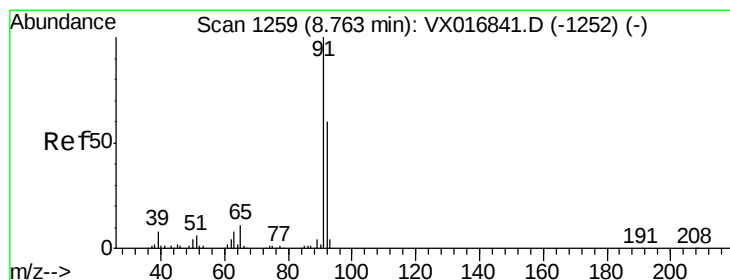
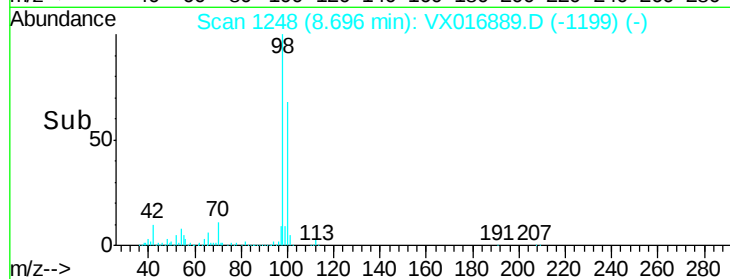
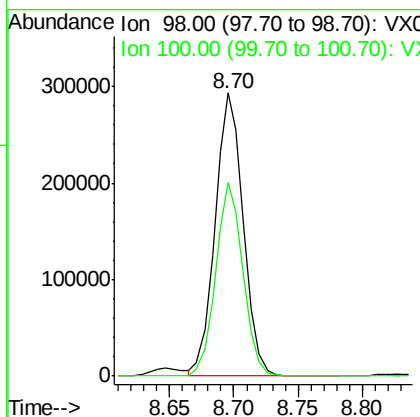
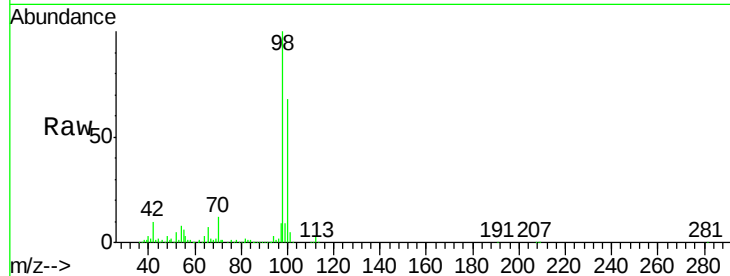
#50
Toluene-d8
Concen: 48.273 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	66.3	54.0	81.0	

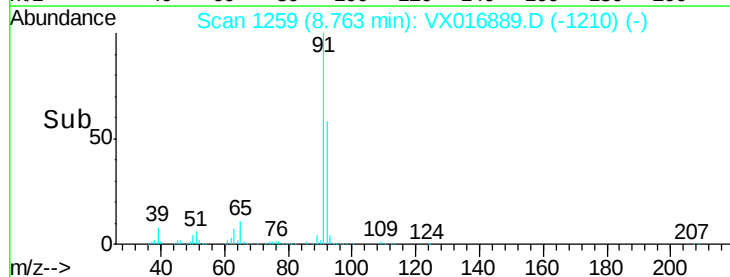
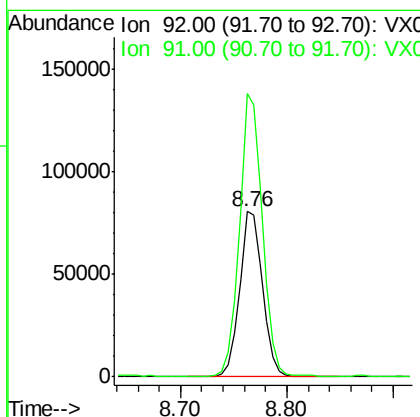
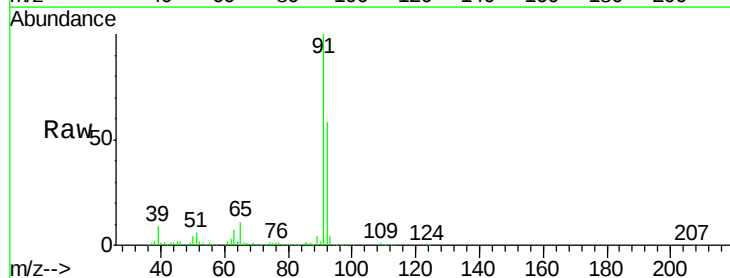
Manual Integrations
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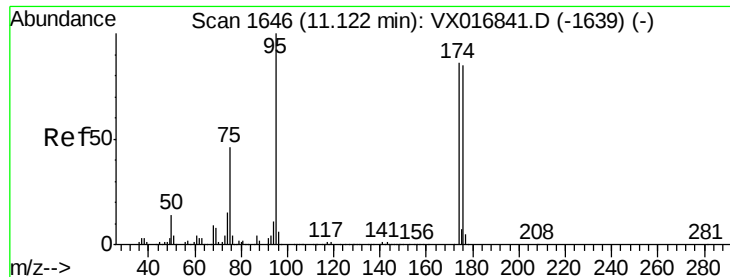
MMDadoda
6/22/2020 12:23:14 PM



#52
Toluene
Concen: 18.314 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Tgt Ion	Ion	Ratio	Lower	Upper
92	100			
91	169.7	134.2	201.2	





#62

4-Bromofluorobenzene

Concen: 68.291 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016889.D

Acq: 19 Jun 2020 18:53

Instrument :

MSVOA_X

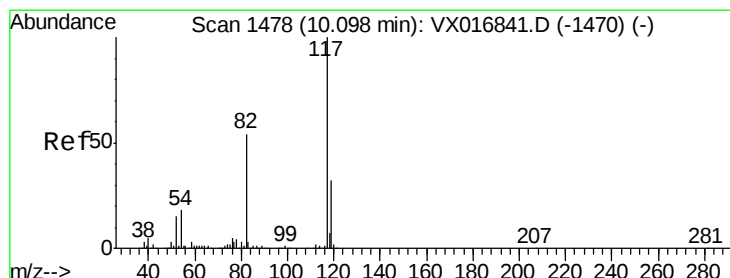
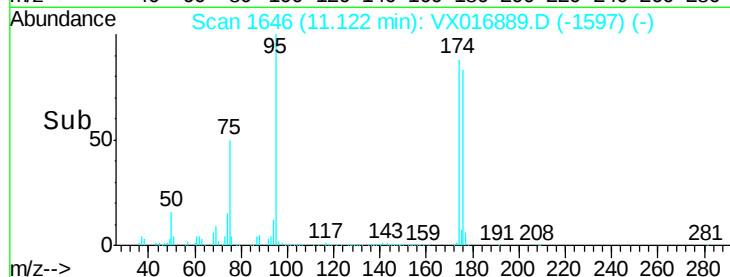
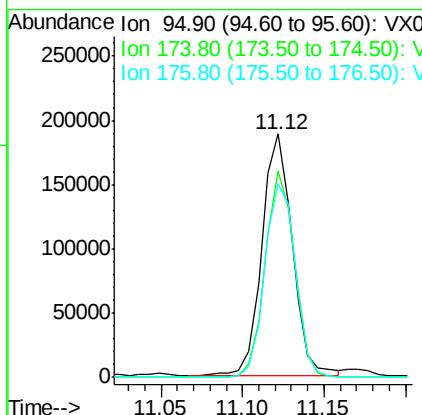
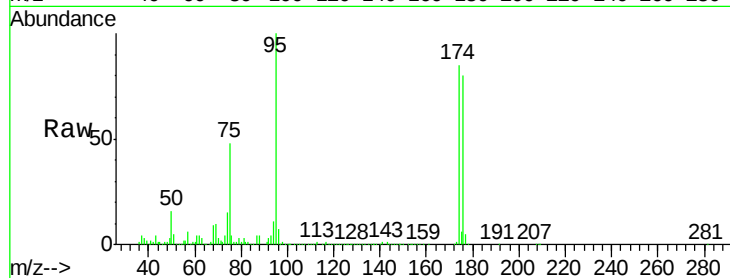
ClientSampled :

MW-27

Tot Ion:	95	Resp:	243264
Ion Ratio	Lower	Upper	
95	100		
174	82.4	0.0	174.2
176	80.8	0.0	170.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

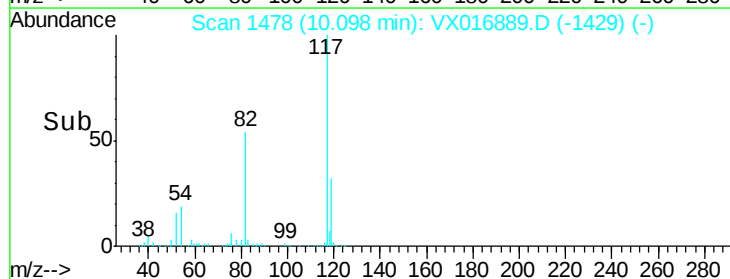
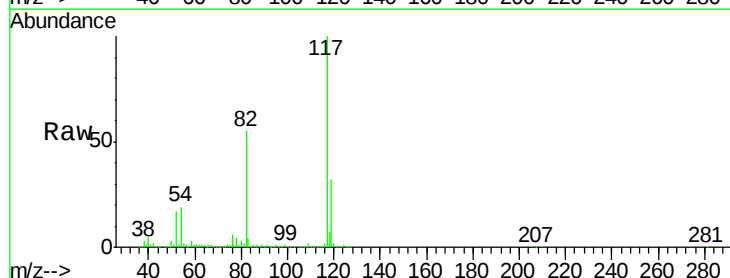
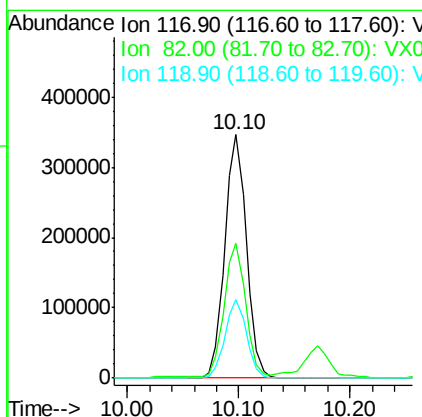
RT: 10.10 min Scan# 1478

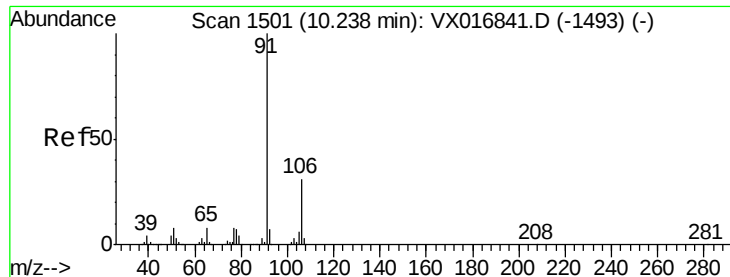
Delta R.T. -0.00 min

Lab File: VX016889.D

Acq: 19 Jun 2020 18:53

Tgt Ion:	117	Resp:	464546
Ion Ratio	Lower	Upper	
117	100		
82	54.6	43.4	65.0
119	32.2	25.7	38.5





#67

Ethyl Benzene

Concen: 926.126 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016889.D

Acq: 19 Jun 2020 18:53

Instrument :

MSVOA_X

ClientSampled :

MW-27

Tot Ion: 91 Resp:14699242

Ion Ratio Lower Upper

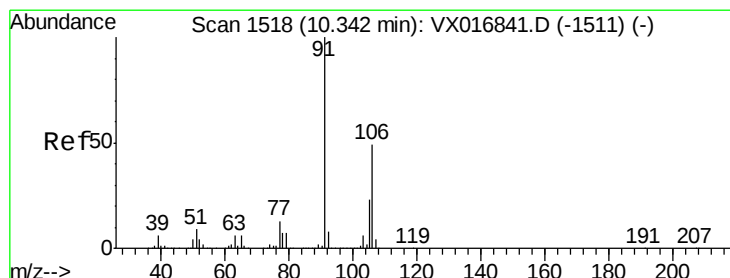
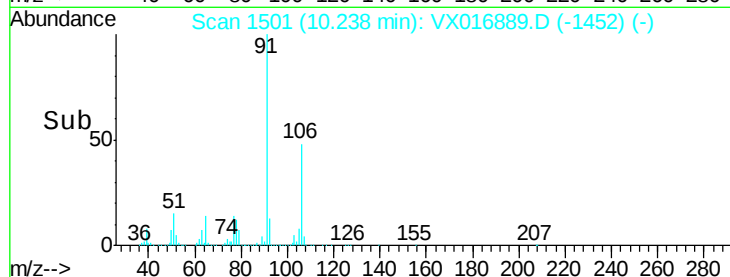
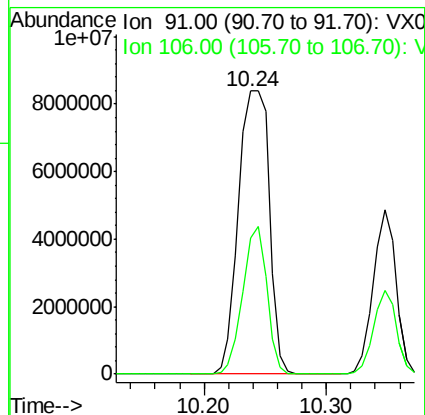
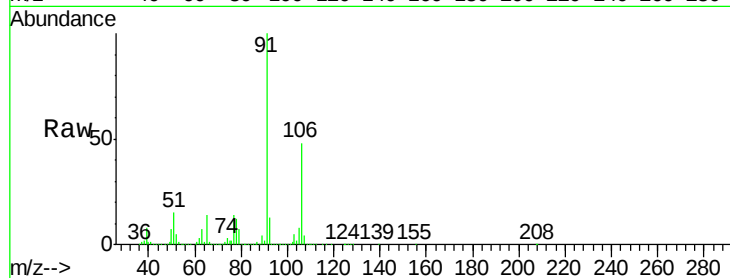
91 100

106 48.1 25.1 37.7#

Manual Integrations
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#68

m/p-Xylenes

Concen: 523.777 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016889.D

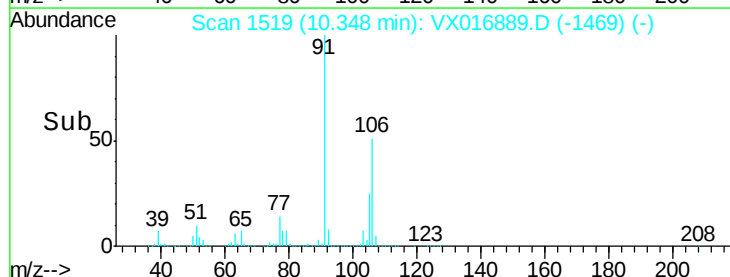
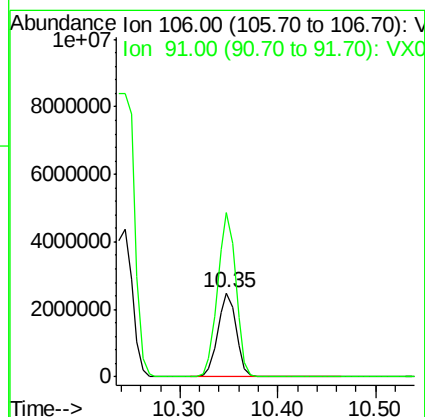
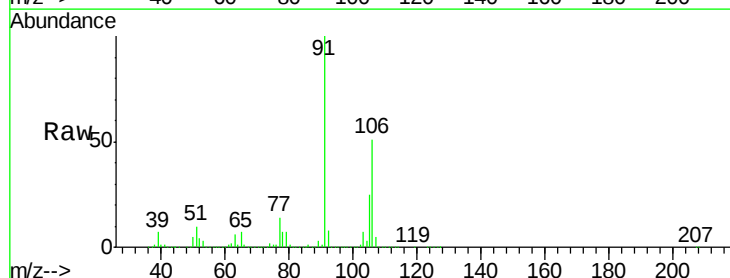
Acq: 19 Jun 2020 18:53

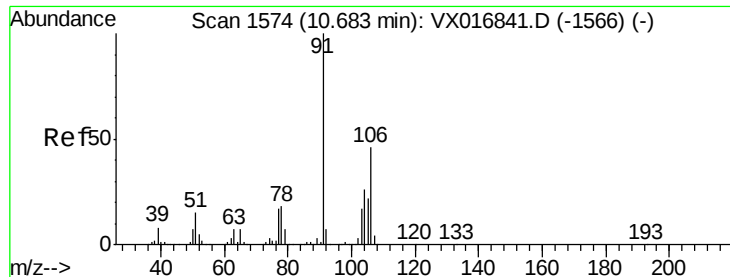
Tgt Ion:106 Resp: 3234968

Ion Ratio Lower Upper

106 100

91 196.6 161.5 242.3





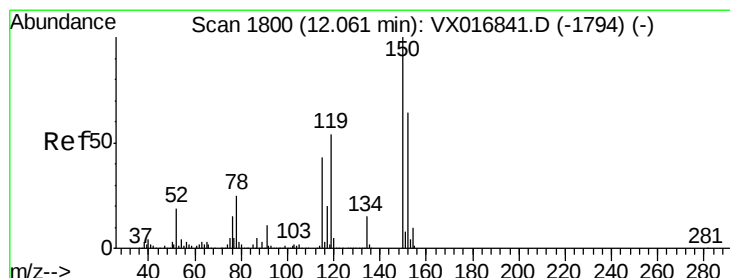
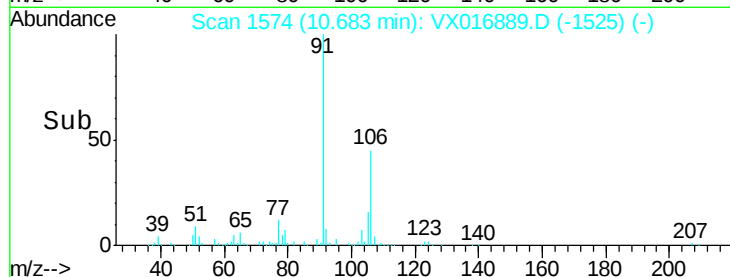
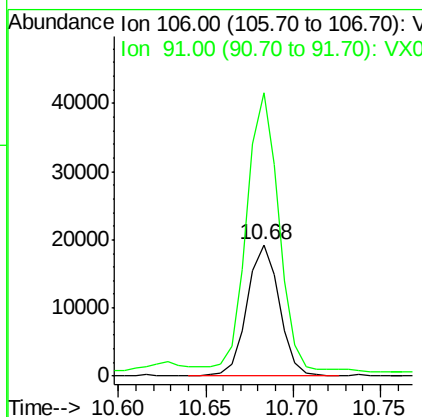
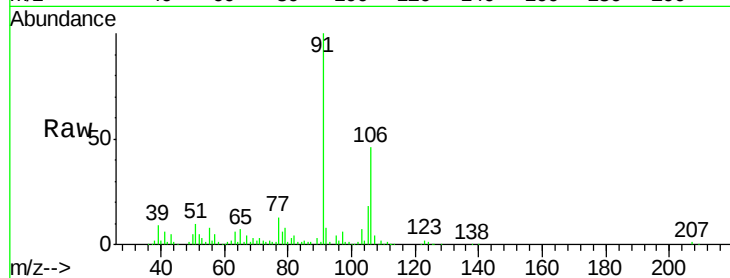
#69
o-Xylene
Concen: 4.289 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tot Ion:106 Resp: 24495
Ion Ratio Lower Upper
106 100
91 218.2 107.9 323.7

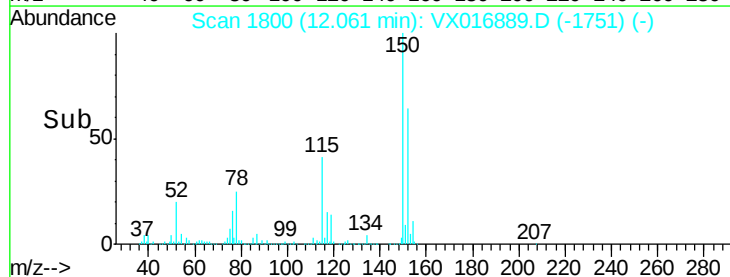
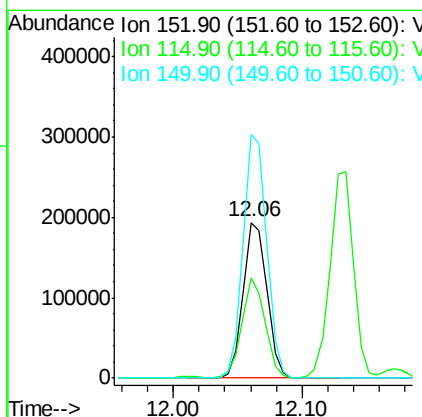
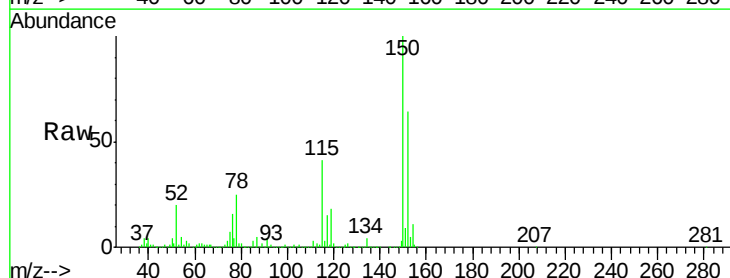
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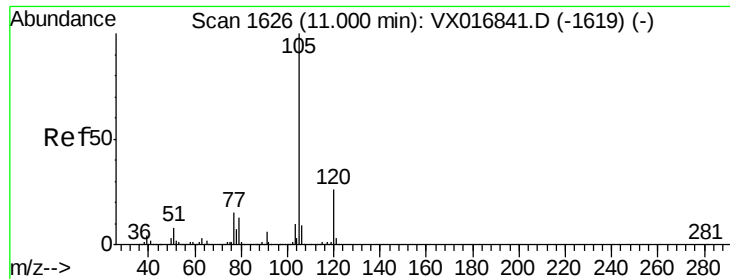
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Tgt Ion:152 Resp: 243878
Ion Ratio Lower Upper
152 100
115 62.3 40.9 122.8
150 156.3 0.0 344.2





#73

Isopropylbenzene

Concen: 106.195 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016889.D

Acq: 19 Jun 2020 18:53

Instrument :

MSVOA_X

ClientSampleId :

MW-27

Tot Ion:105 Resp: 1667486

Ion Ratio Lower Upper

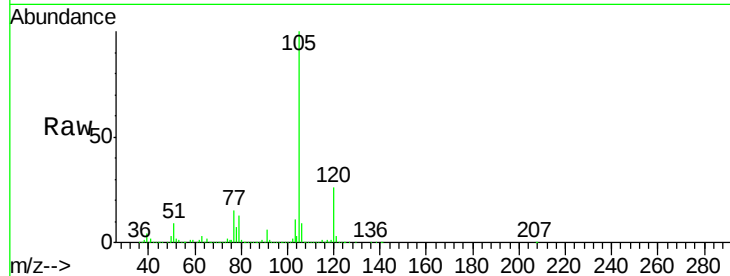
105 100

120 26.6 13.2 39.6

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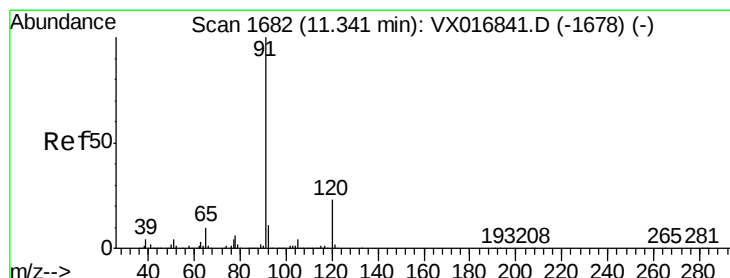
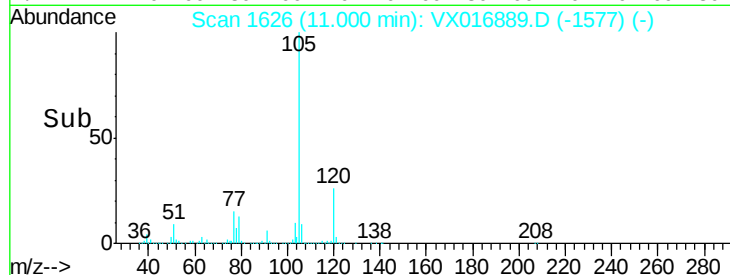
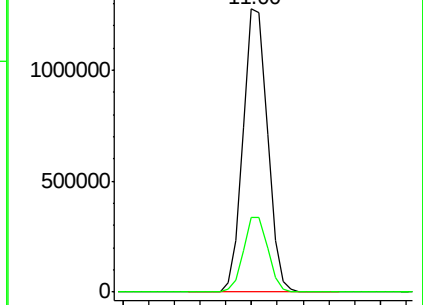
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 300.428 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016889.D

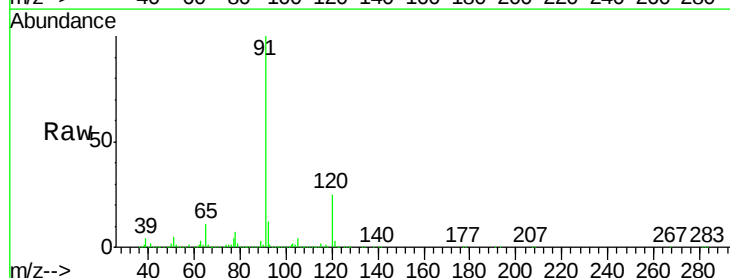
Acq: 19 Jun 2020 18:53

Tgt Ion: 91 Resp: 5264686

Ion Ratio Lower Upper

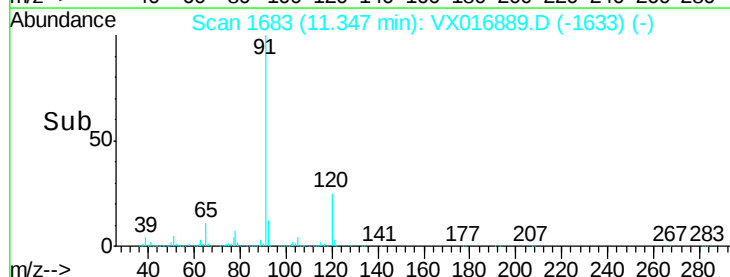
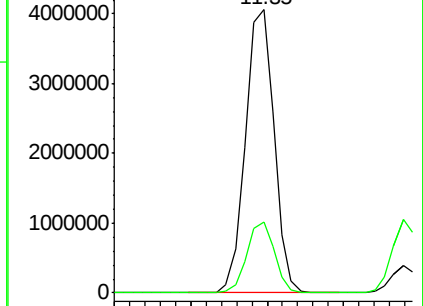
91 100

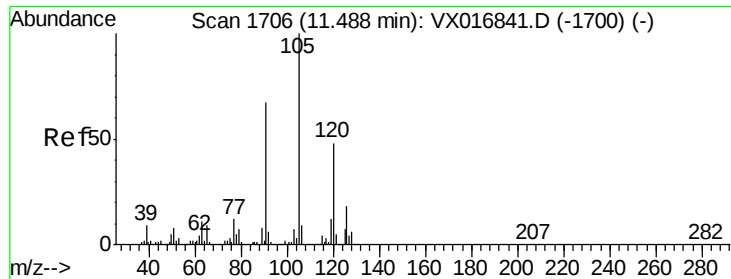
120 24.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





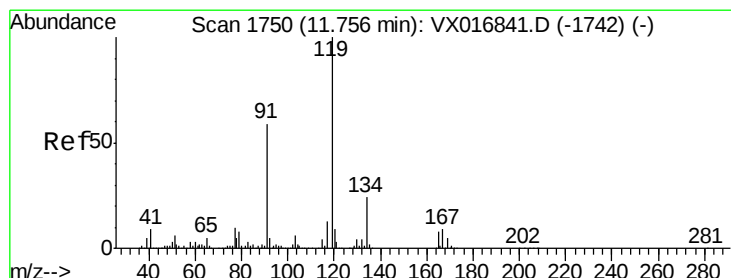
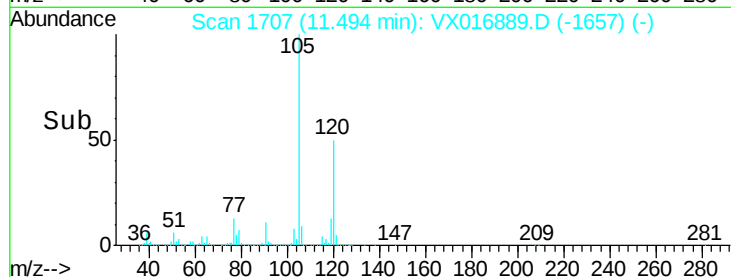
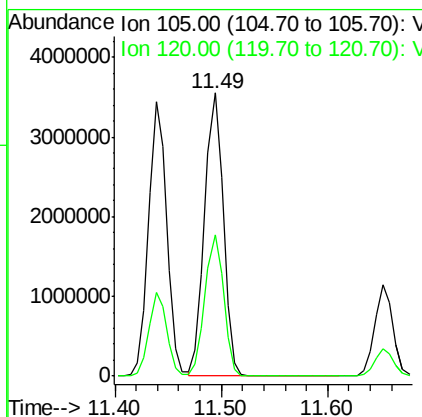
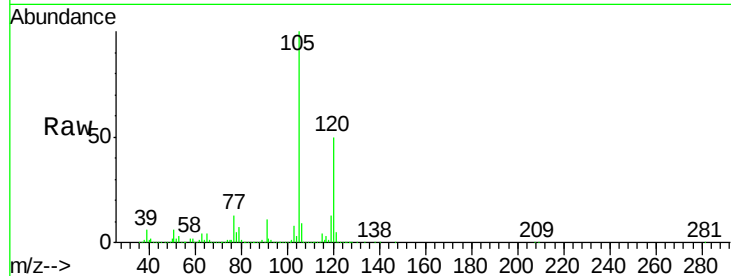
#80
 1,3,5-Trimethylbenzene
 Concen: 311.623 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016889.D
 Acq: 19 Jun 2020 18:53

Instrument :
 MSVOA_X
 ClientSampled :
 MW-27

Tot Ion:105 Resp: 4221821
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.6 74.0

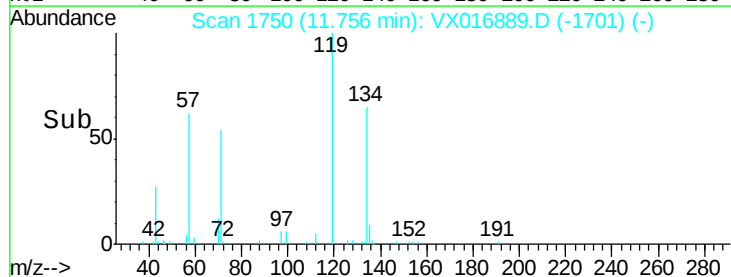
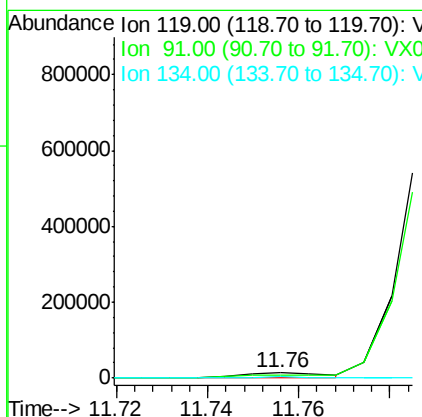
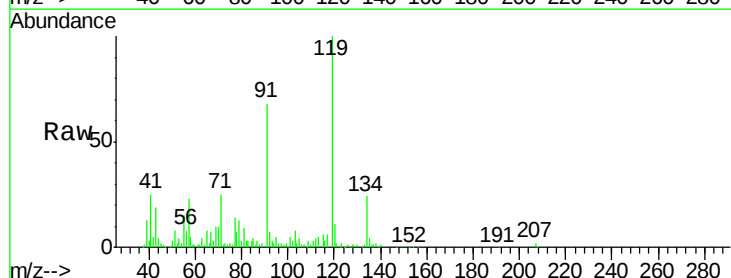
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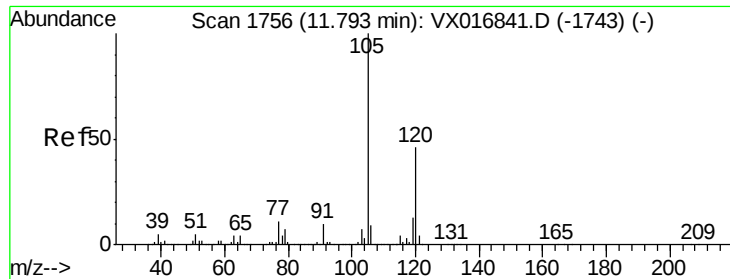
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#83
 tert-Butylbenzene
 Concen: 1.300 ug/l m
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016889.D
 Acq: 19 Jun 2020 18:53

Tgt Ion:119 Resp: 17431
 Ion Ratio Lower Upper
 119 100
 91 10102.6 28.5 85.5#
 134 0.0 11.7 35.1#





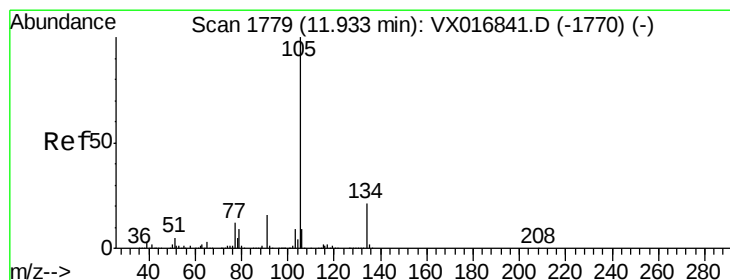
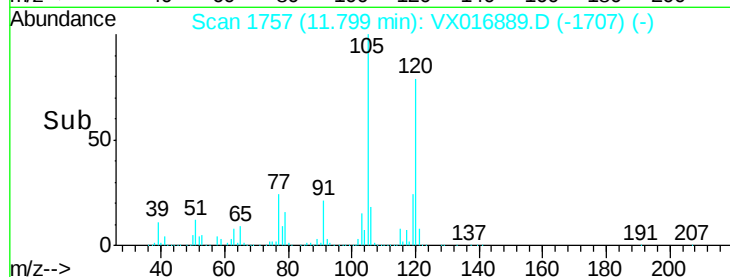
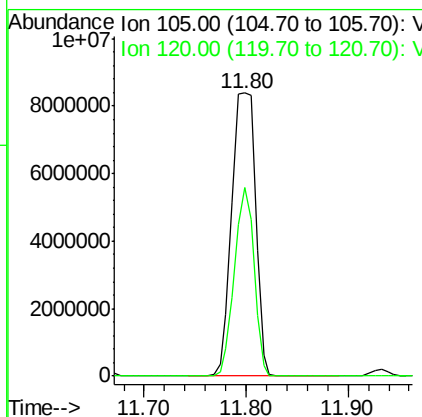
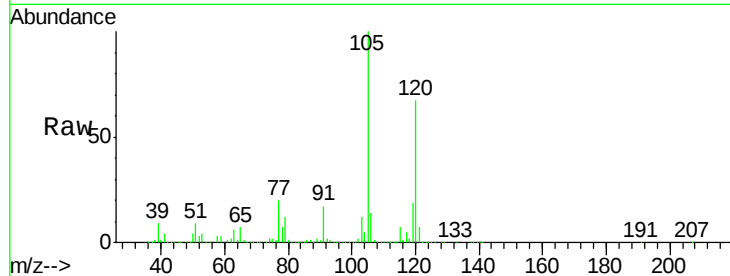
#84
 1,2,4-Trimethylbenzene
 Concen: 966.997 ug/l
 RT: 11.80 min Scan# 1757
 Delta R.T. 0.01 min
 Lab File: VX016889.D
 Acq: 19 Jun 2020 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

Tot Ion:105 Resp:13495147
 Ion Ratio Lower Upper
 105 100
 120 54.7 22.3 66.9

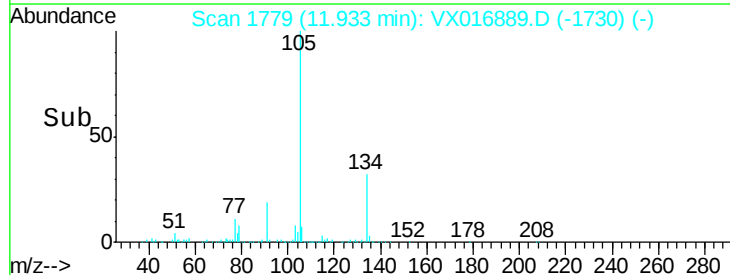
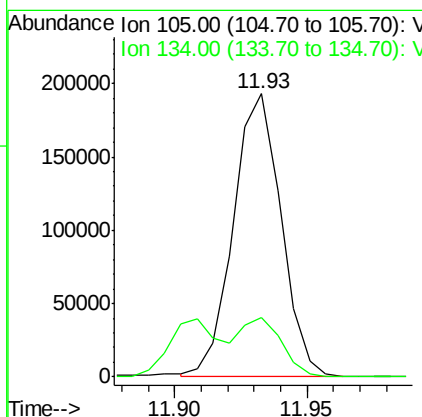
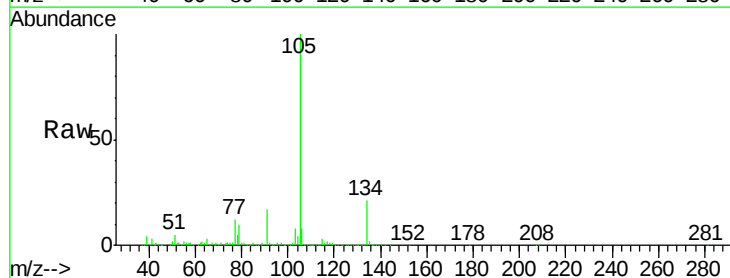
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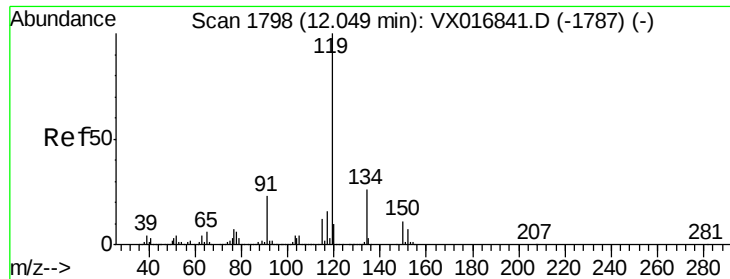
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#85
 sec-Butylbenzene
 Concen: 15.501 ug/l m
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016889.D
 Acq: 19 Jun 2020 18:53

Tgt Ion:105 Resp: 241324
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#





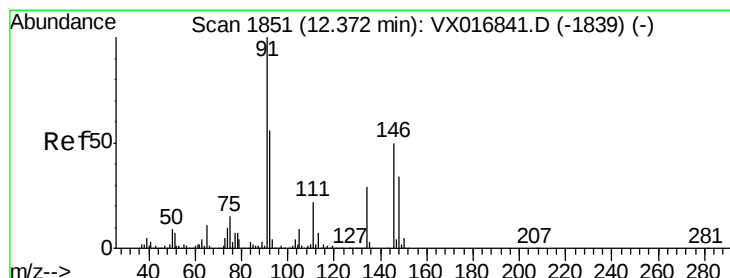
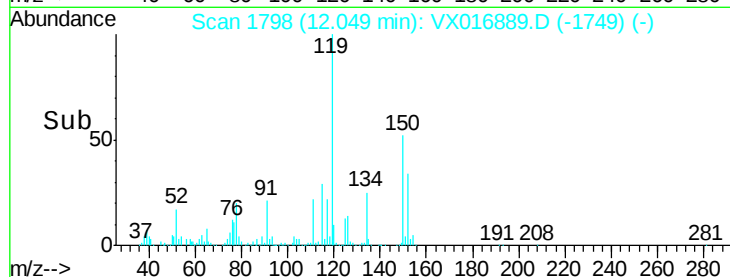
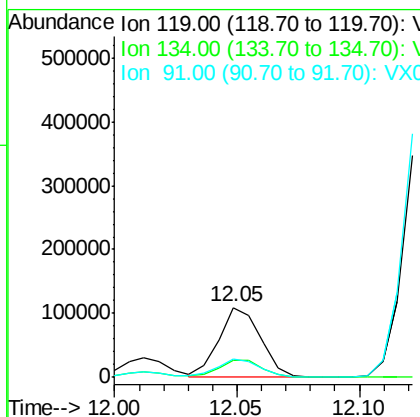
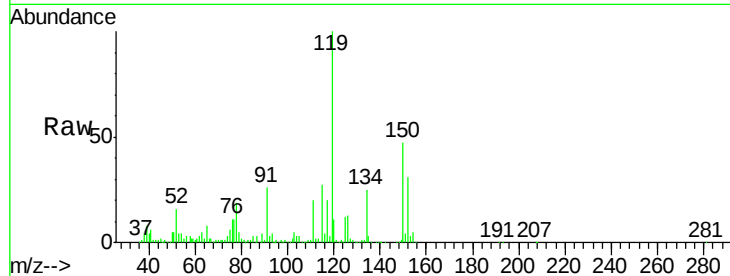
#86
p-Isopropyltoluene
Concen: 9.117 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Instrument :
MSVOA_X
ClientSampled :
MW-27

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	0.0	11.6	34.8#

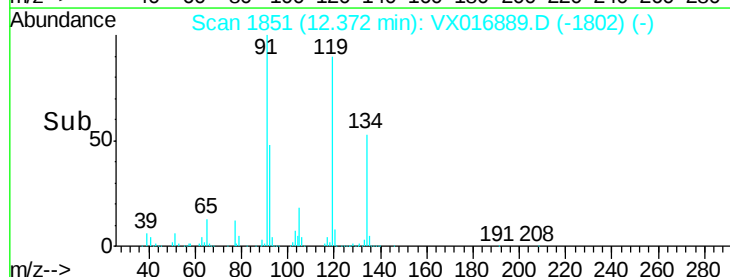
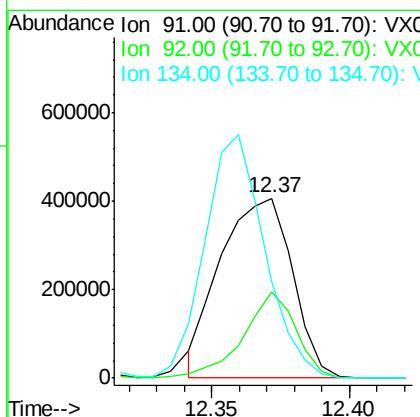
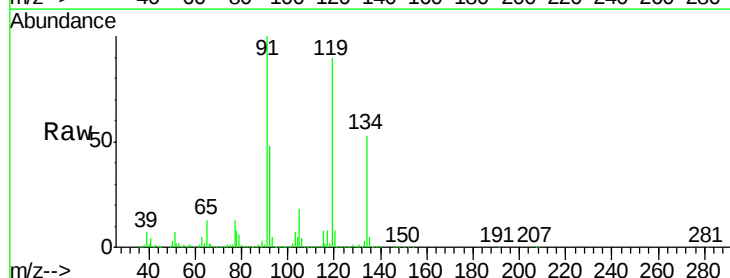
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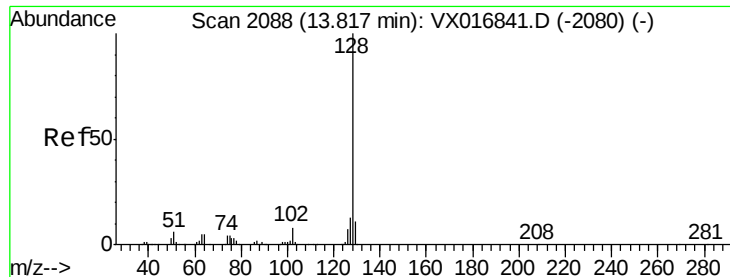
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#89
n-Butylbenzene
Concen: 60.872 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	35.2	27.4	82.2
134	112.8	13.9	41.6#





#95
Naphthalene
Concen: 480.641 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016889.D
Acq: 19 Jun 2020 18:53

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.8	8.6	13.0

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