

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052120\
 Data File : VX016386.D
 Acq On : 21 May 2020 16:11
 Operator : JC/SP
 Sample : L2684-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-3

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 4:03:03 PM

Quant Time: May 22 09:32:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	234556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	389444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	132848	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
35) Dibromofluoromethane	5.47	113	112673	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	8.70	98	475471	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.12	95	191517	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	6199	4.501	ug/l	92
25) 2-Butanone	4.64	43	2559	1.153	ug/l #	83
31) Cyclohexane	5.55	56	140613	32.794	ug/l #	94
39) Methylcyclohexane	7.44	83	92638	20.066	ug/l	98
40) Benzene	6.12	78	170786	15.226	ug/l	99
52) Toluene	8.77	92	532787	76.204	ug/l	99
67) Ethyl Benzene	10.24	91	2870659	204.529	ug/l	99
68) m/p-Xylenes	10.35	106	2254932	428.812	ug/l	99
69) o-Xylene	10.68	106	521217	103.115	ug/l	100
73) Isopropylbenzene	11.00	105	311249	21.475	ug/l	99
78) n-propylbenzene	11.34	91	867668	51.459	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	782993	63.983	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1867065	150.910	ug/l	100
85) sec-Butylbenzene	11.93	105	50306m	3.533	ug/l	
86) p-Isopropyltoluene	12.05	119	28563	2.161	ug/l	97
89) n-Butylbenzene	12.36	91	100484	8.320	ug/l #	11
95) Naphthalene	13.82	128	525695	33.903	ug/l	100

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

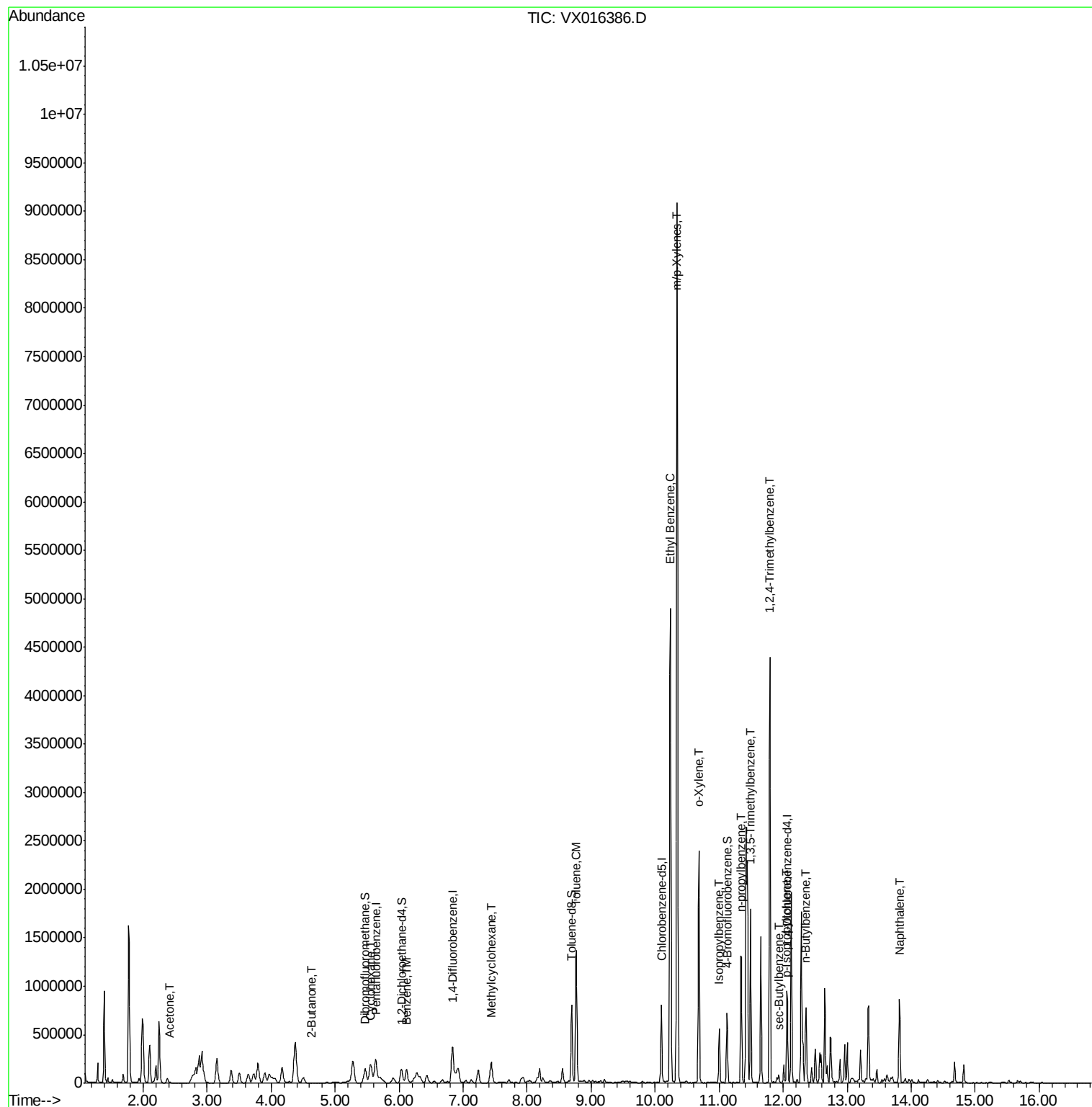
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
Data File : VX016386.D
Acq On : 21 May 2020 16:11
Operator : JC/SP
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ALS Vial : 12 Sample Multiplier: 1

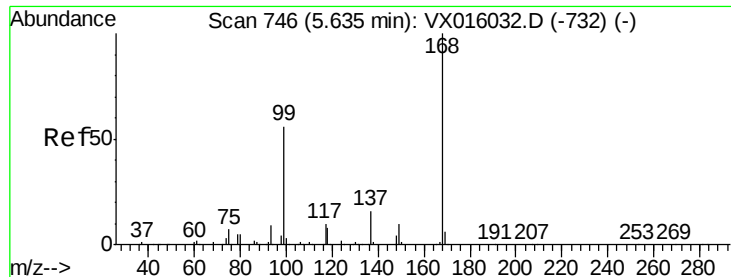
Instrument :
MSVOA_X
ClientSampleId :
RW-3

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Quant Time: May 22 09:32:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

RW-3

Tot Ion:168 Resp: 234556

Ion Ratio Lower Upper

168 100

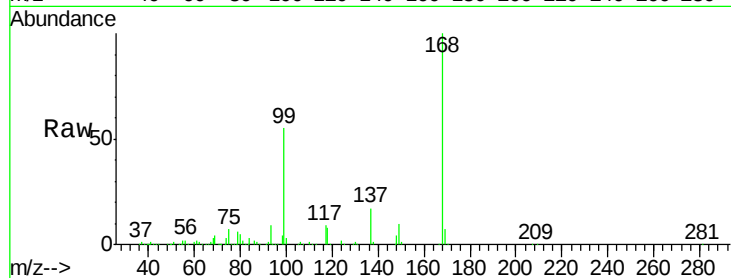
99 54.6 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

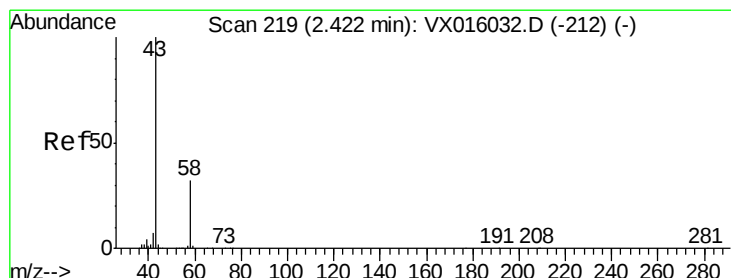
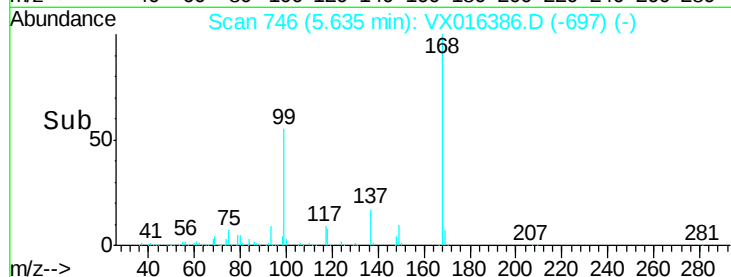
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 4.501 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016386.D

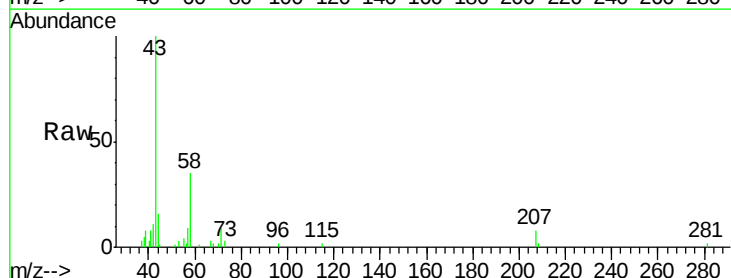
Acq: 21 May 2020 16:11

Tgt Ion: 43 Resp: 6199

Ion Ratio Lower Upper

43 100

58 36.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

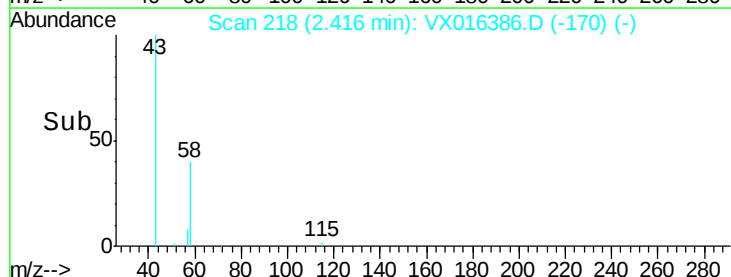
4000

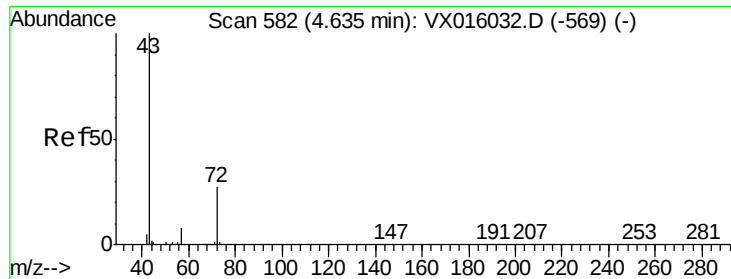
2000

0

2.40 2.45 2.50

Time-->





#25

2-Butanone

Concen: 1.153 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Instrument :

MSVOA_X

ClientSampled :

RW-3

Tot Ion: 43 Resp: 2559

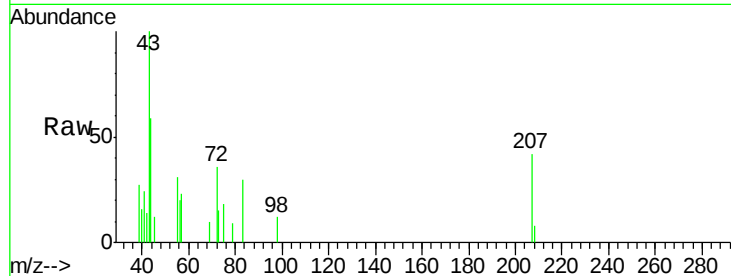
Ion Ratio Lower Upper

43 100

72 36.2 21.8 32.8#

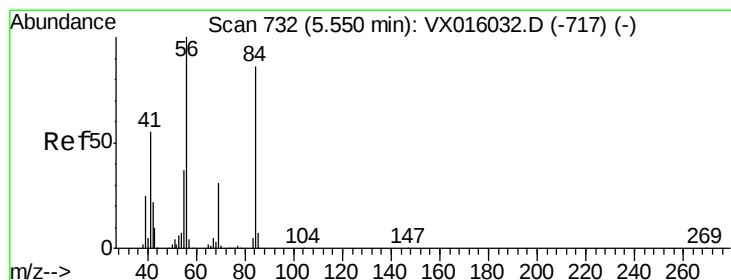
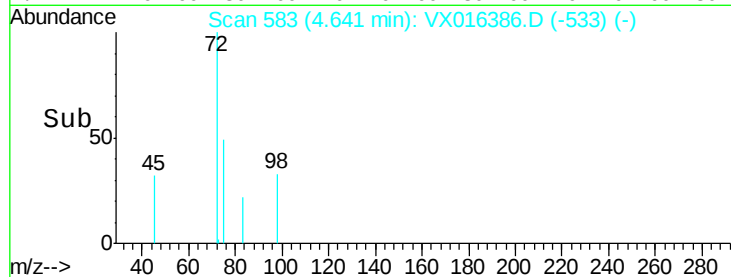
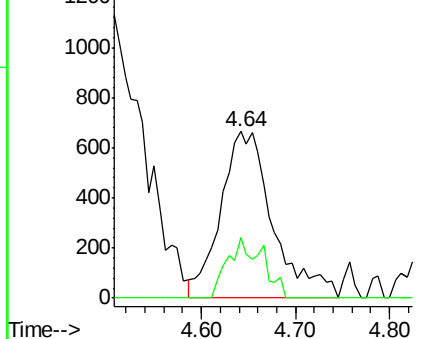
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 32.794 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

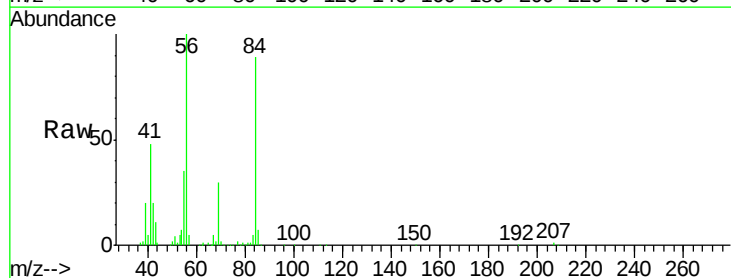
Tgt Ion: 56 Resp: 140613

Ion Ratio Lower Upper

56 100

69 24.1 25.0 37.6#

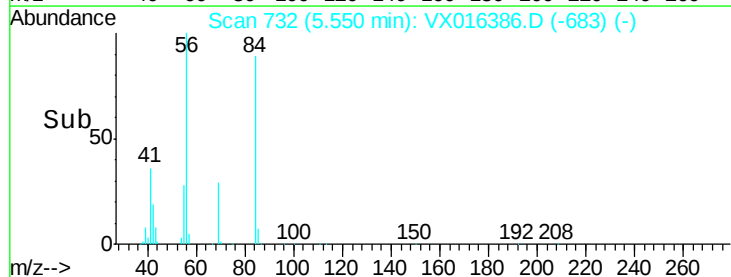
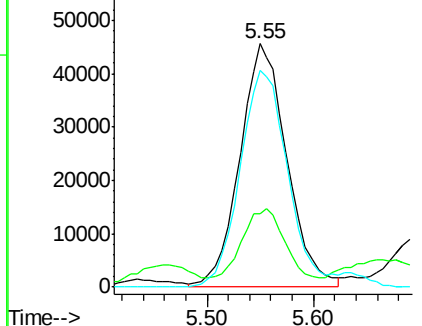
84 89.8 69.0 103.6

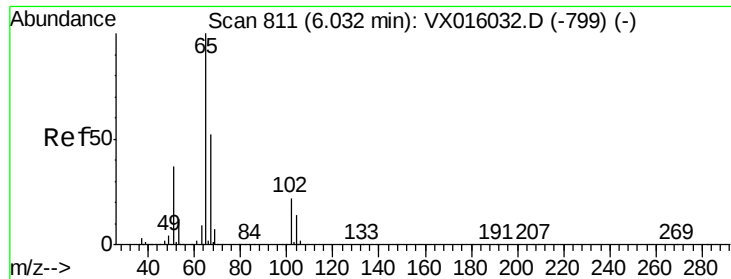


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.041 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

RW-3

Tot Ion: 65 Resp: 132848

Ion Ratio Lower Upper

65 100

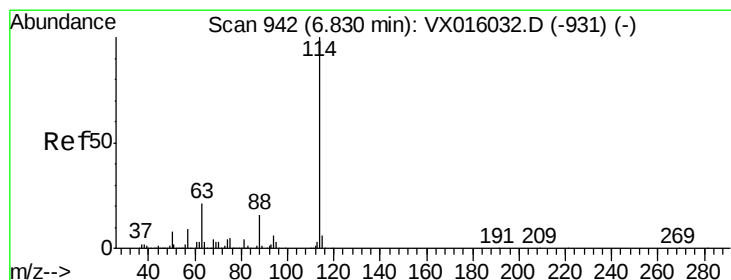
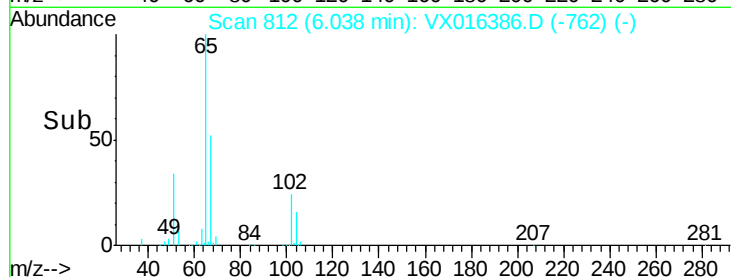
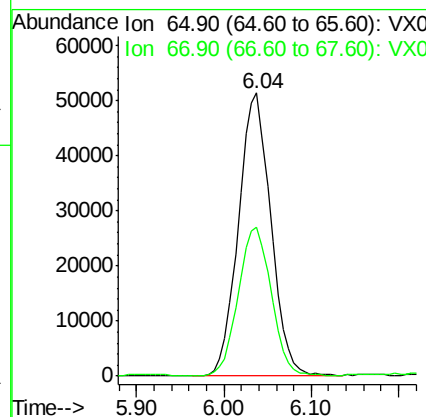
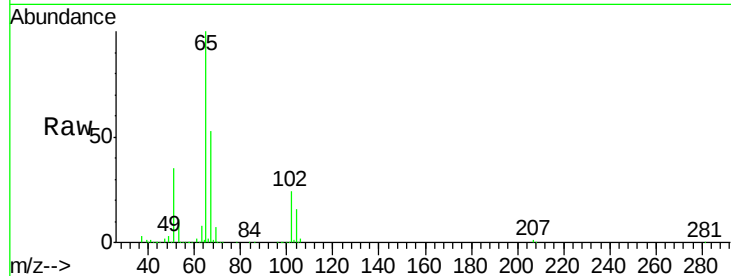
67 53.1 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

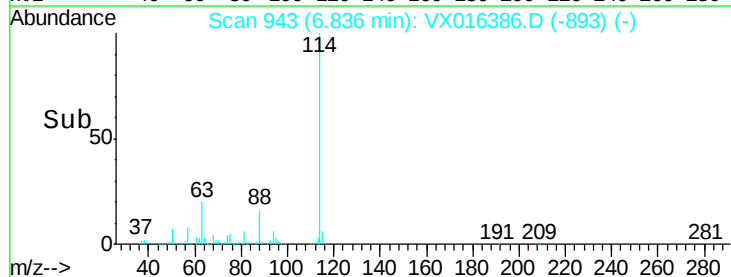
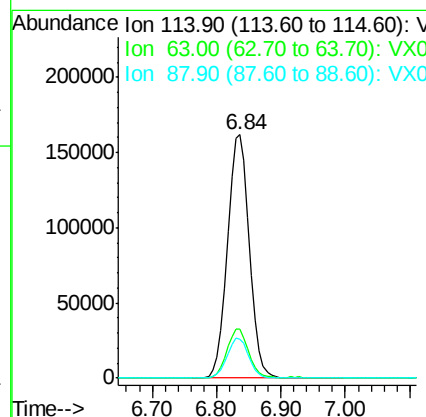
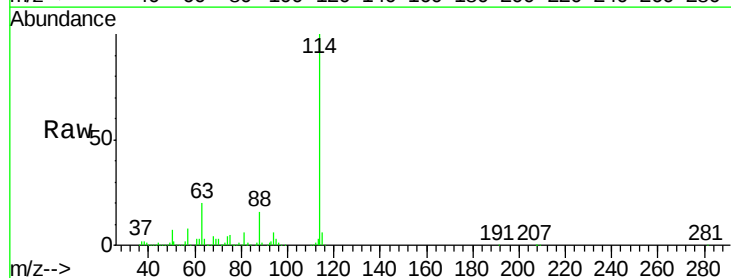
Tgt Ion: 114 Resp: 389444

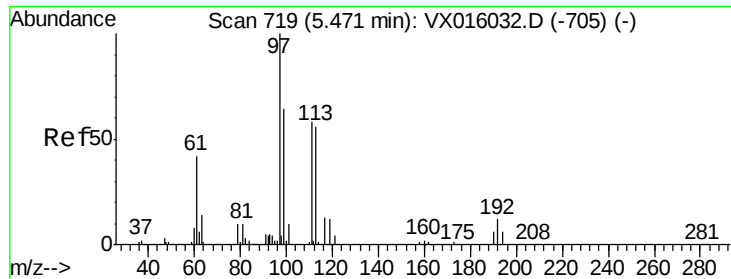
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.667 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Instrument :

MSVOA_X

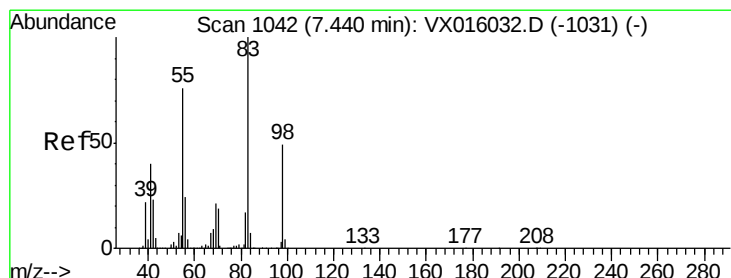
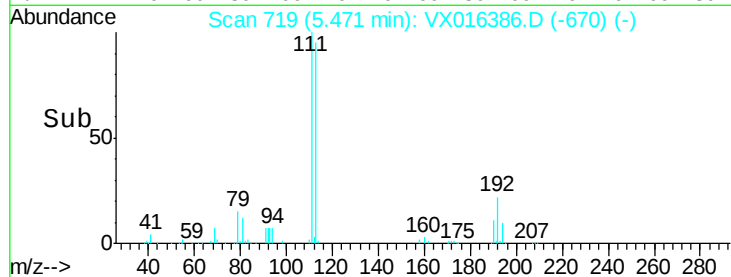
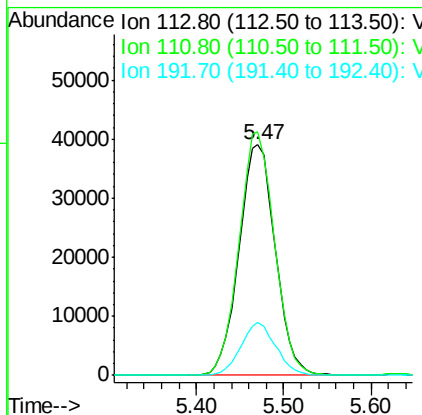
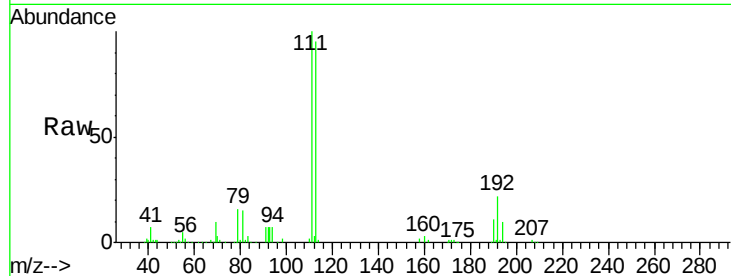
ClientSampleId :

RW-3

Tot Ion:	113	Resp:	112673
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.6	122.4
192	22.0	17.0	25.4

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#39

Methylcyclohexane

Concen: 20.066 ug/l

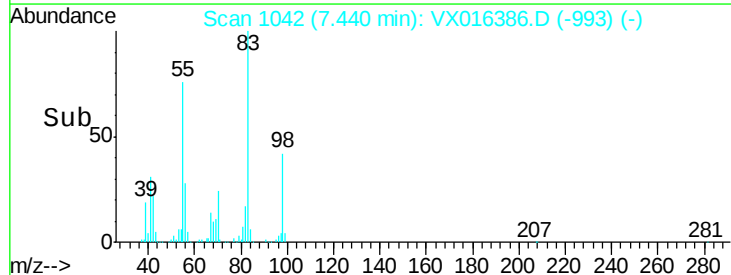
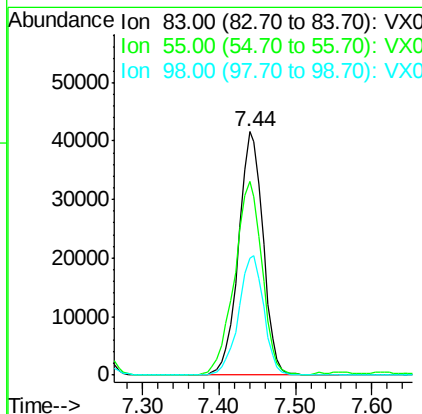
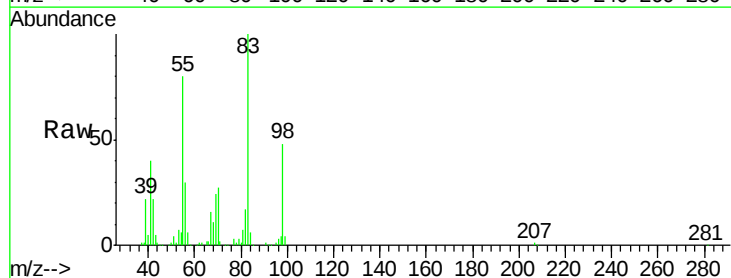
RT: 7.44 min Scan# 1042

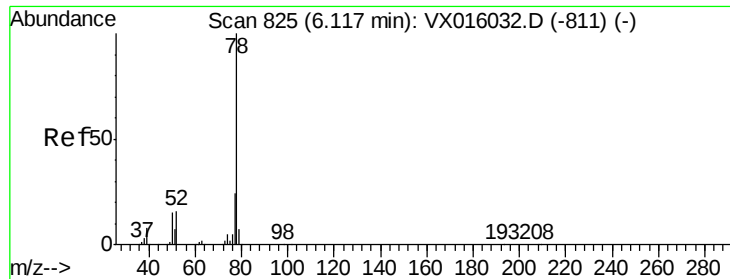
Delta R.T. -0.00 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Tgt Ion:	83	Resp:	92638
Ion Ratio	Lower	Upper	
83	100		
55	79.4	61.1	91.7
98	48.1	39.0	58.4





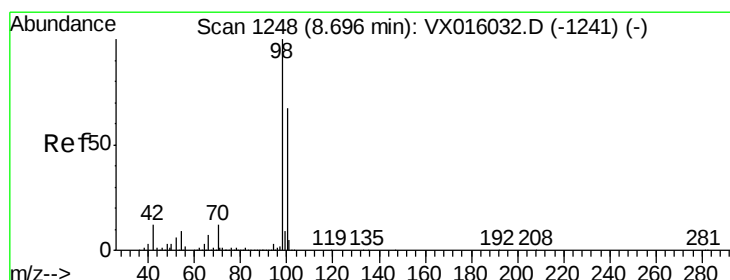
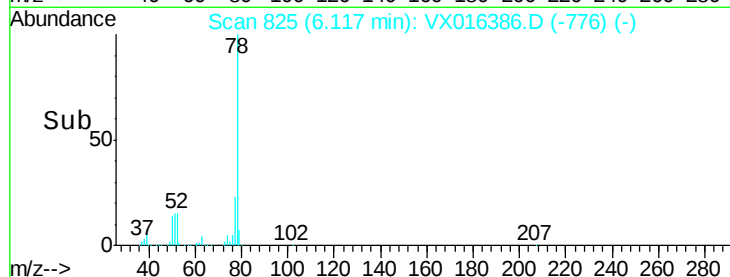
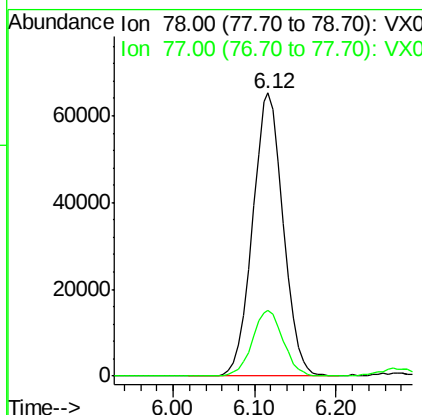
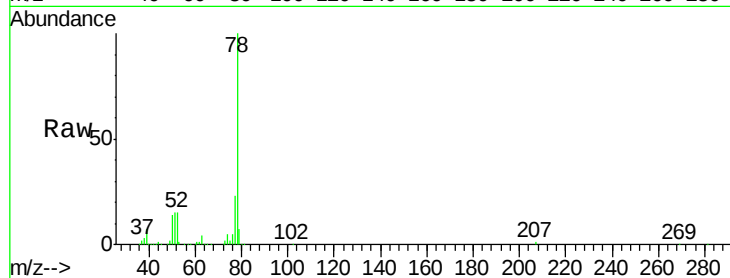
#40
Benzene
Concen: 15.226 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
RW-3

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4

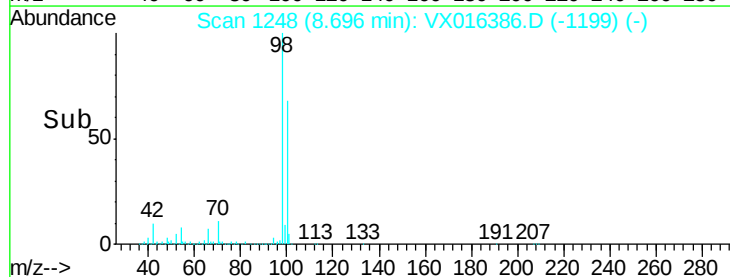
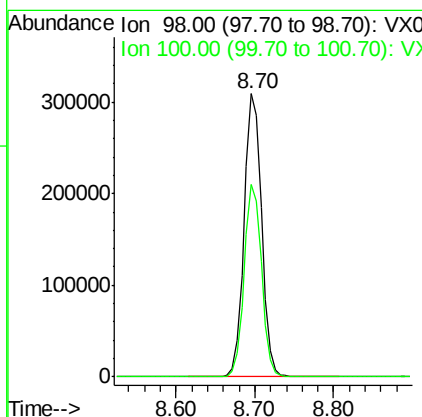
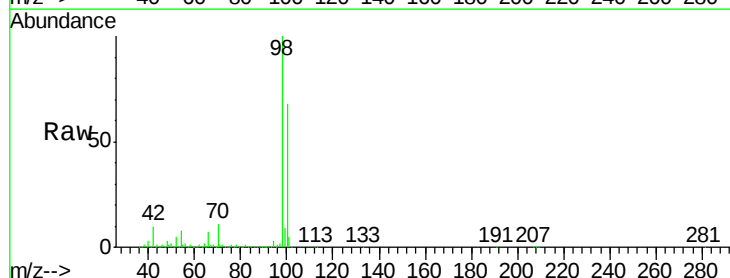
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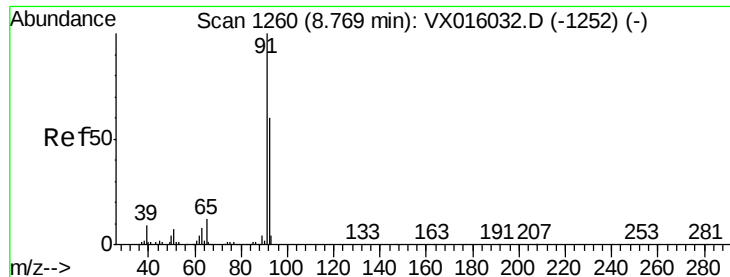
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#50
Toluene-d8
Concen: 50.015 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.7	80.5





#52

Toluene

Concen: 76.204 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

RW-3

Tot Ion: 92 Resp: 532787

Ion Ratio Lower Upper

92 100

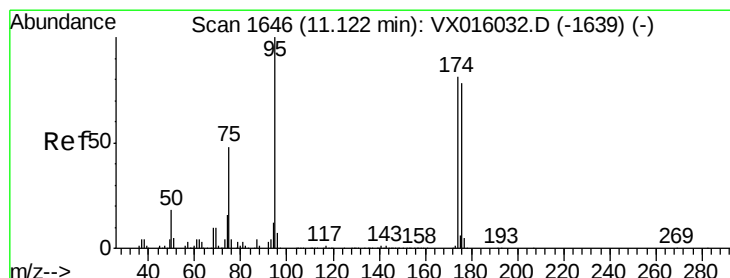
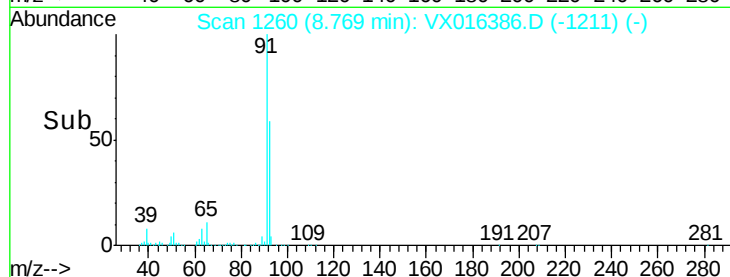
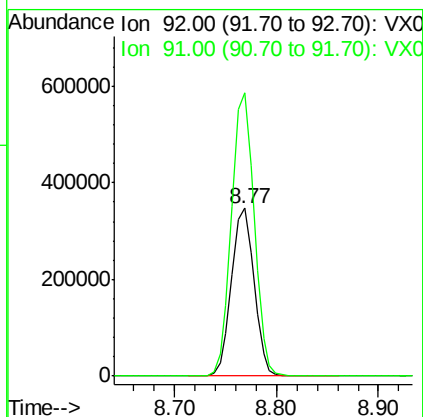
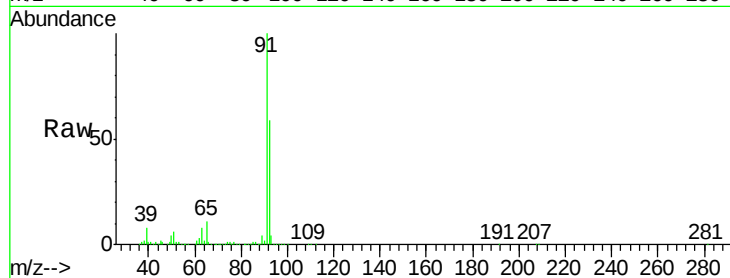
91 169.3 134.5 201.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.966 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

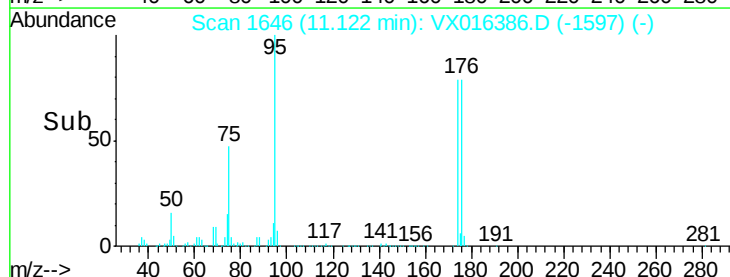
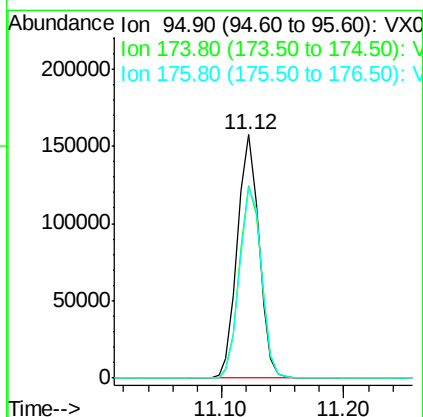
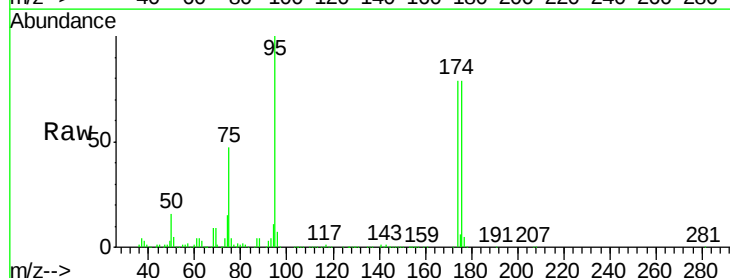
Tgt Ion: 95 Resp: 191517

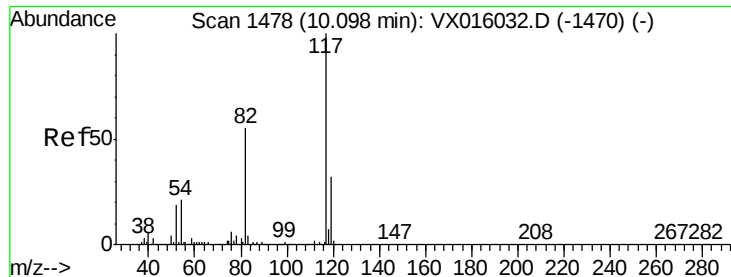
Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.4

176 79.7 0.0 157.6





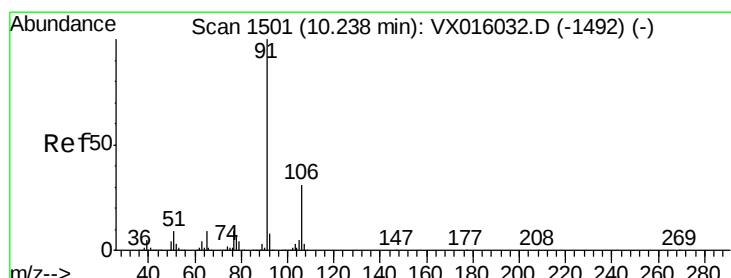
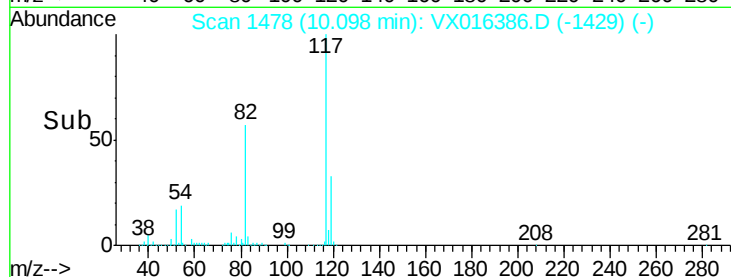
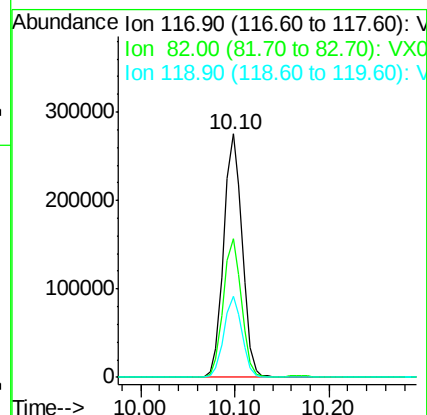
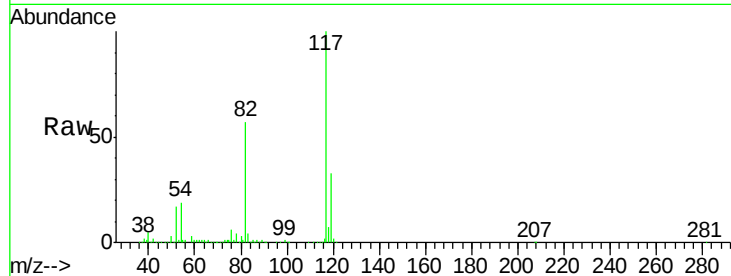
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Instrument :
MSVOA_X
Client Sampled :
RW-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.4	66.6
119	33.1	25.5	38.3

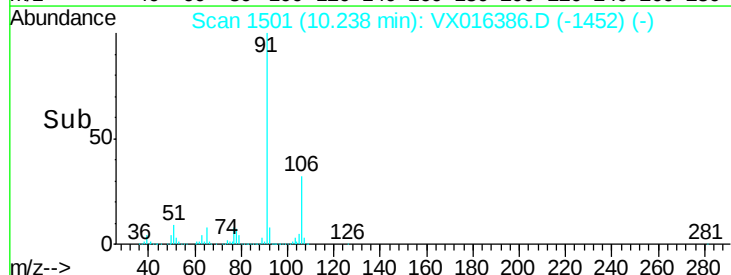
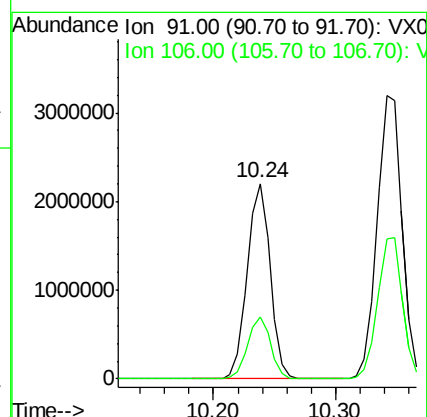
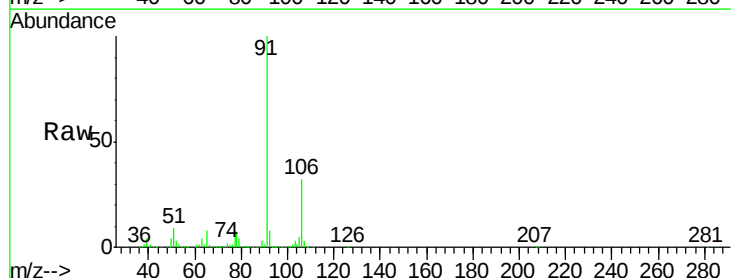
Manual Integrations
APPROVED

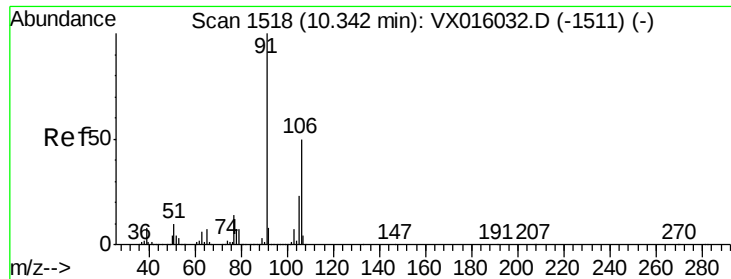
MMDadoda
5/22/2020 4:03:03 PM



#67
Ethyl Benzene
Concen: 204.529 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.1	37.7





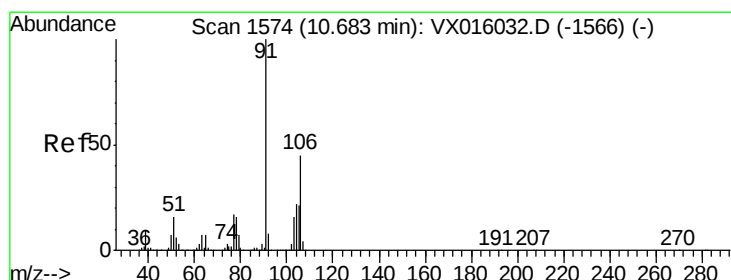
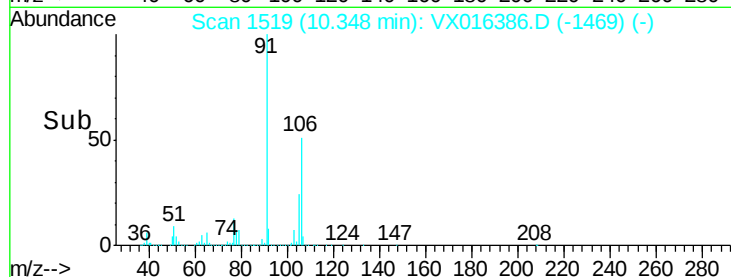
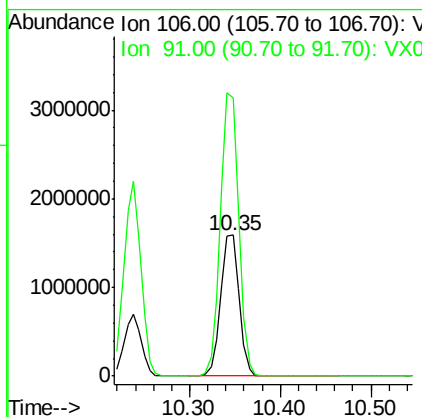
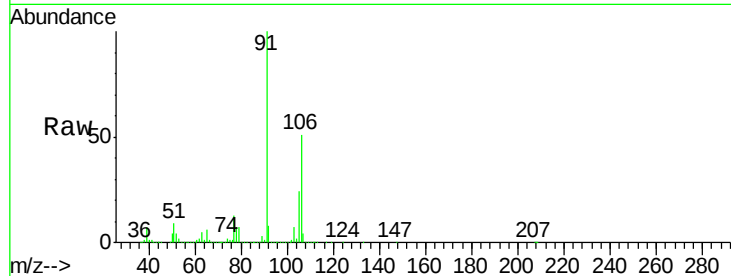
#68
m/p-Xylenes
Concen: 428.812 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
RW-3

Tot Ion:106 Resp: 2254932
Ion Ratio Lower Upper
106 100
91 200.4 161.7 242.5

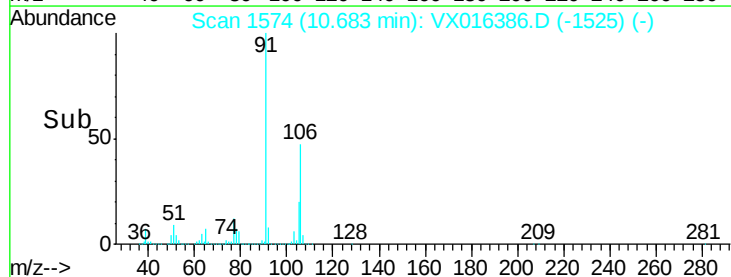
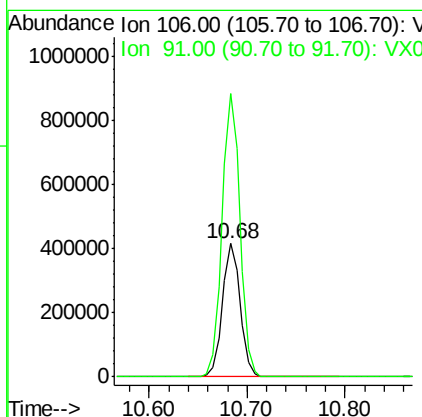
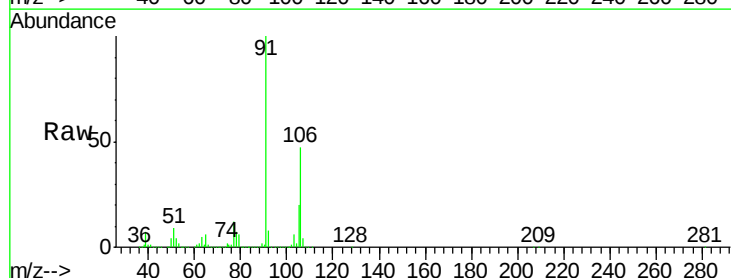
Manual Integrations
APPROVED

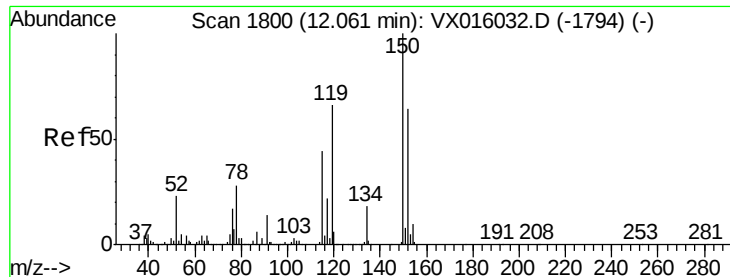
MMDadoda
5/22/2020 4:03:03 PM



#69
o-Xylene
Concen: 103.115 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Tgt Ion:106 Resp: 521217
Ion Ratio Lower Upper
106 100
91 214.9 107.5 322.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Instrument :

MSVOA_X

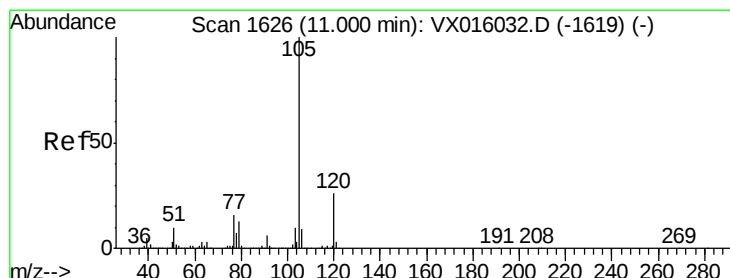
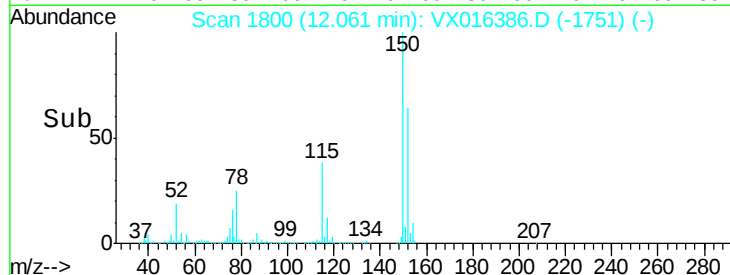
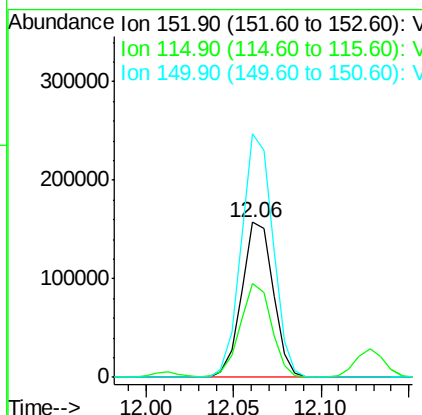
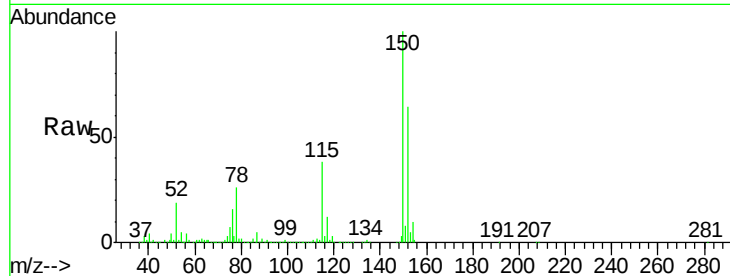
ClientSampleId :

RW-3

Tot Ion:	152	Resp:	199270
Ion Ratio	Lower	Upper	
152	100		
115	59.9	41.3	124.1
150	156.1	0.0	352.2

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#73

Isopropylbenzene

Concen: 21.475 ug/l

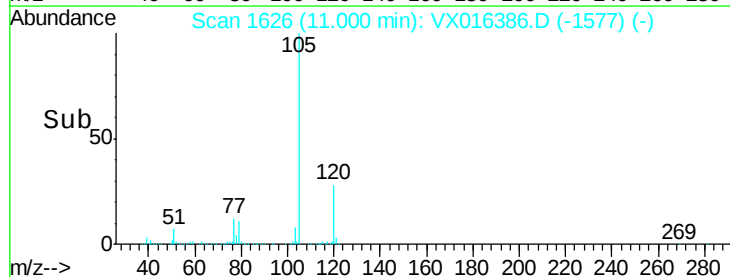
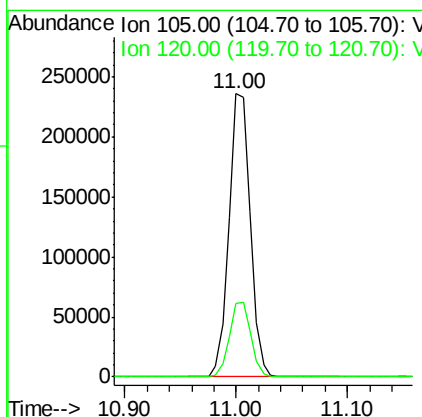
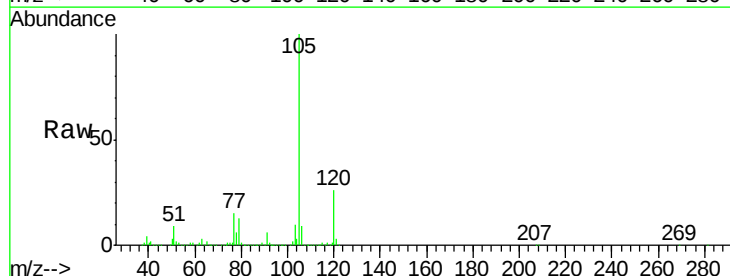
RT: 11.00 min Scan# 1626

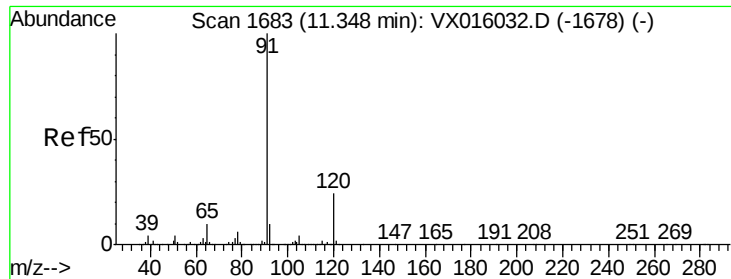
Delta R.T. -0.00 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Tgt Ion:	105	Resp:	311249
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.4	40.2





#78

n-propylbenzene

Concen: 51.459 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016386.D

Acq: 21 May 2020 16:11

Instrument :

MSVOA_X

ClientSampled :

RW-3

Tot Ion: 91 Resp: 867668

Ion Ratio Lower Upper

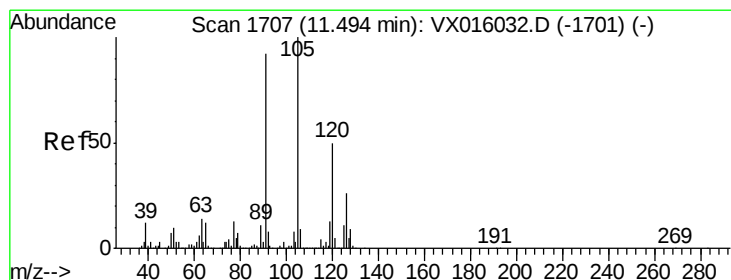
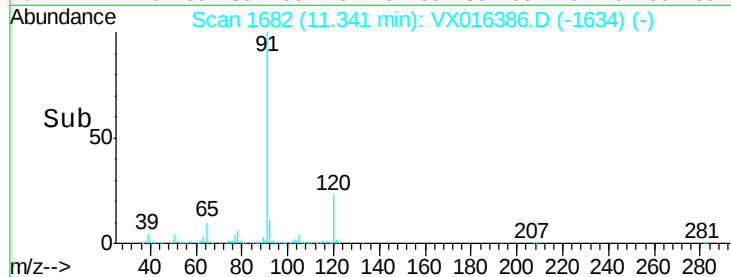
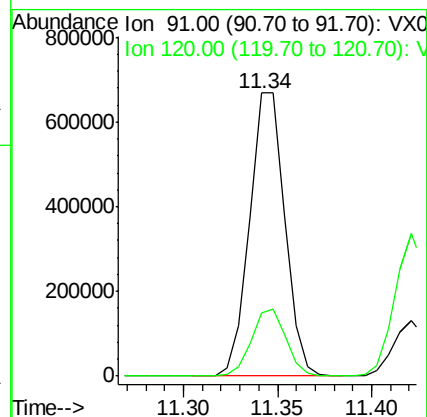
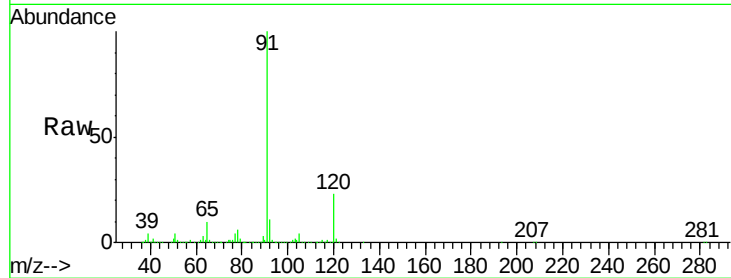
91 100

120 23.2 11.5 34.5

Manual Integrations
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5/22/2020 4:03:03 PM



#80

1,3,5-Trimethylbenzene

Concen: 63.983 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016386.D

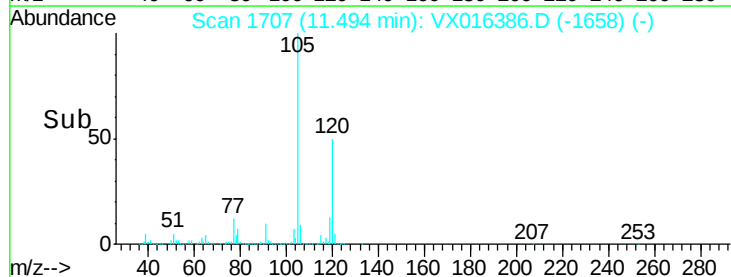
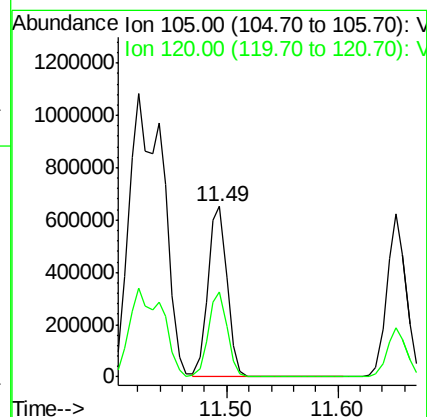
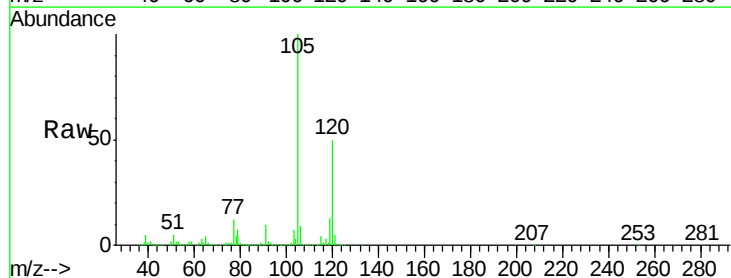
Acq: 21 May 2020 16:11

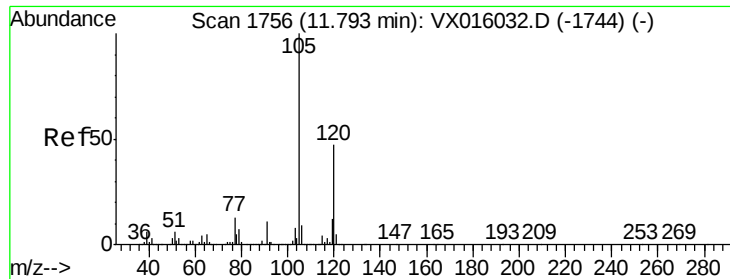
Tgt Ion: 105 Resp: 782993

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





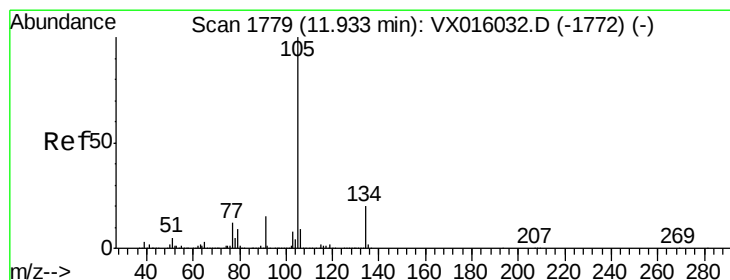
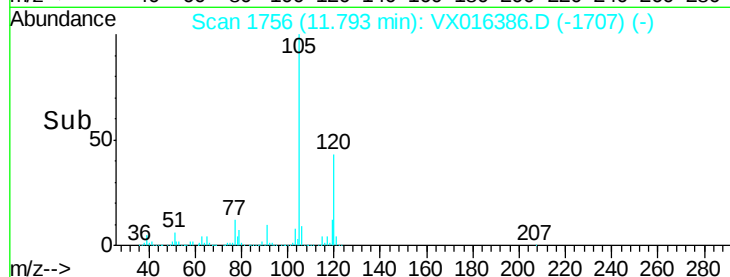
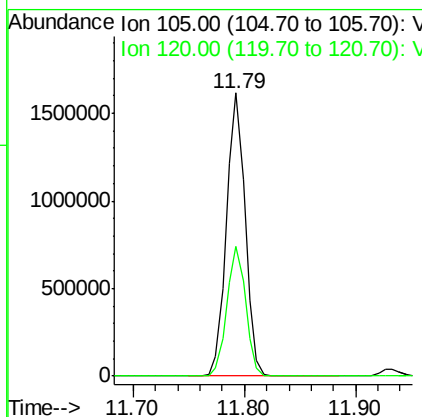
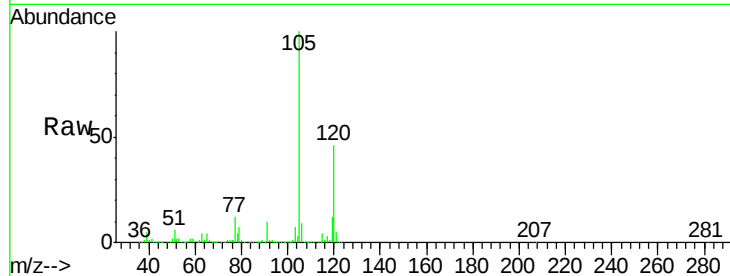
#84
 1,2,4-Trimethylbenzene
 Concen: 150.910 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016386.D
 Acq: 21 May 2020 16:11

Instrument :
 MSVOA_X
 ClientSampled :
 RW-3

Tot Ion:105 Resp: 1867065
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0

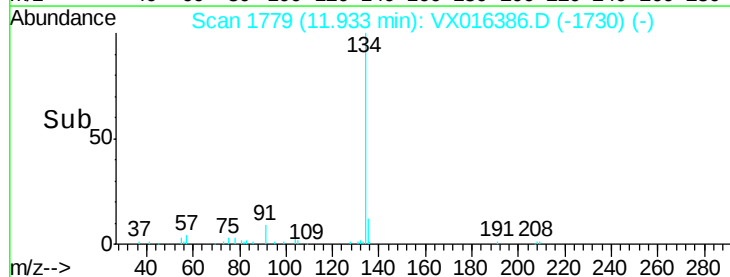
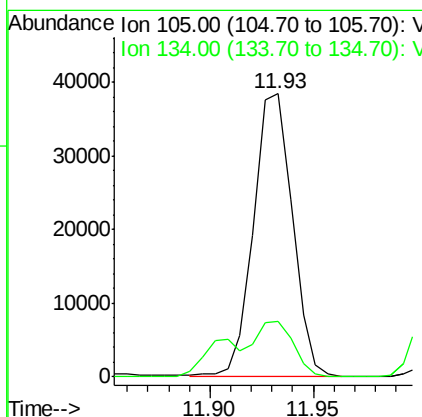
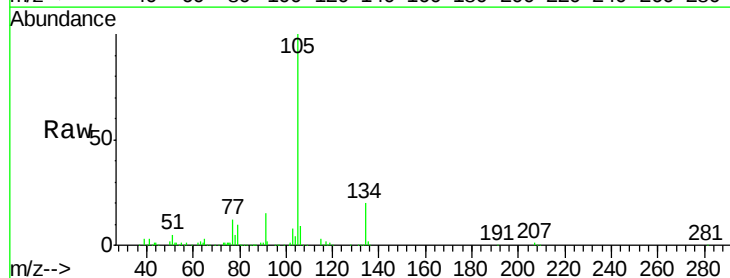
Manual Integrations
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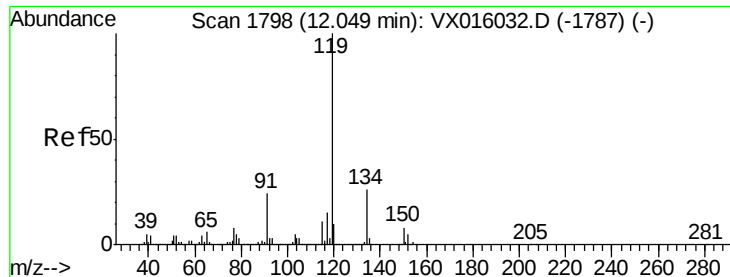
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#85
 sec-Butylbenzene
 Concen: 3.533 ug/l m
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016386.D
 Acq: 21 May 2020 16:11

Tgt Ion:105 Resp: 50306
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#





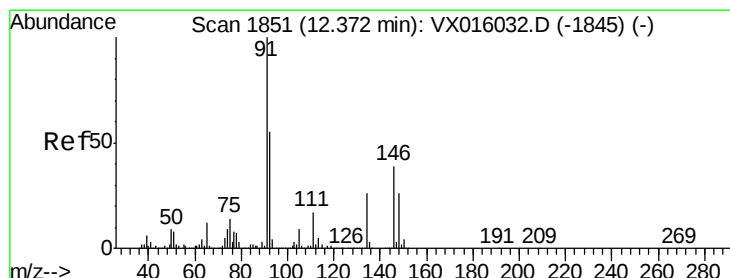
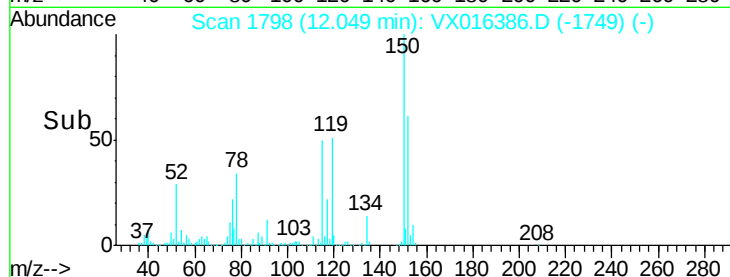
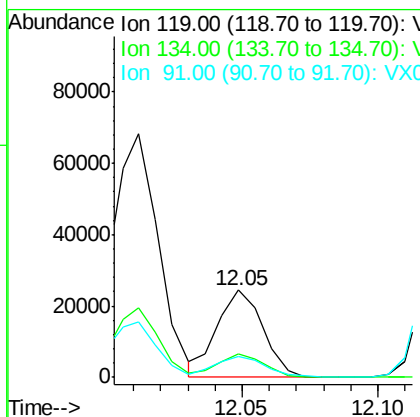
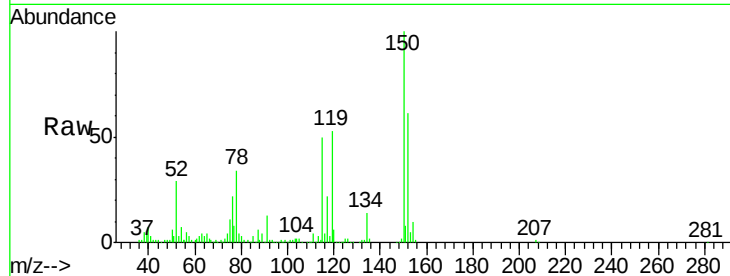
#86
p-Isopropyltoluene
Concen: 2.161 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Instrument :
MSVOA_X
ClientSampled :
RW-3

Tot Ion	Ratio	Resp	Lower	Upper
119	100	28563		
134	27.6	13.1	39.3	
91	25.6	11.8	35.4	

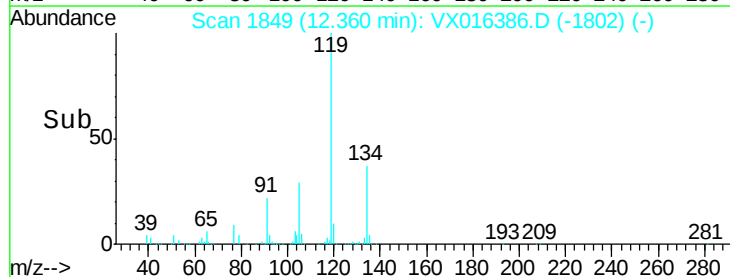
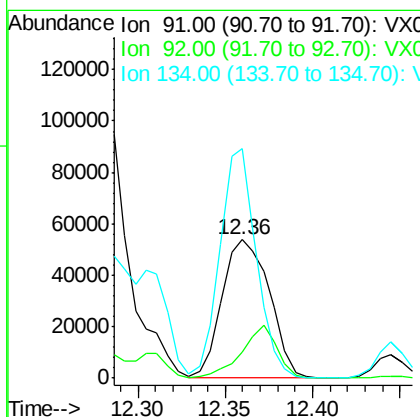
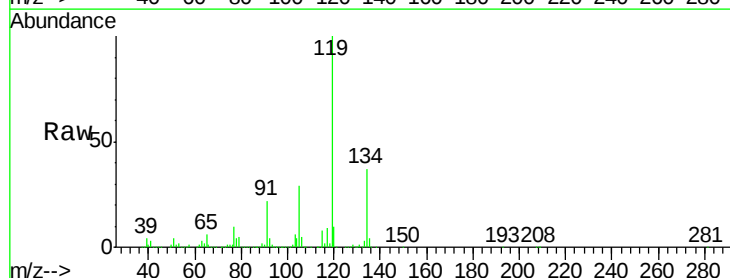
Manual Integrations
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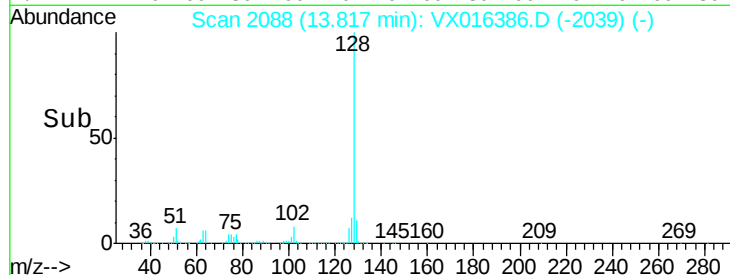
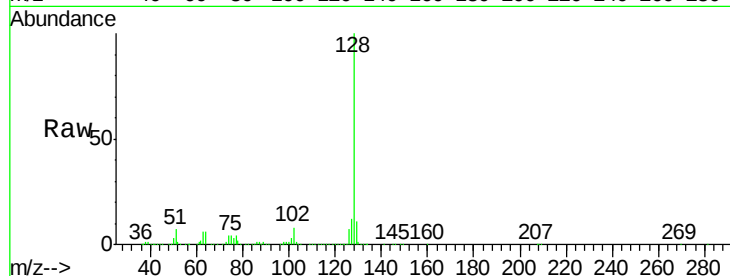
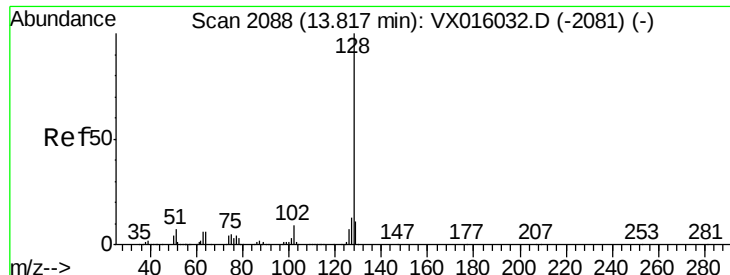
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#89
n-Butylbenzene
Concen: 8.320 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	100484		
92	28.9	27.6	82.7	
134	129.0	13.4	40.1#	





#95
Naphthalene
Concen: 33.903 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016386.D
Acq: 21 May 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
RW-3

Tot Ion:	128	Resp:	525695
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

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