

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052120\
 Data File : VX016384.D
 Acq On : 21 May 2020 15:26
 Operator : JC/SP
 Sample : L2684-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-4

Manual Integrations
 APPROVED

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 5/22/2020 4:02:59 PM

Quant Time: May 22 09:27:34 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	5.63	168	232356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	375821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	364096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	132446	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
35) Dibromofluoromethane	5.47	113	109063	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
50) Toluene-d8	8.70	98	466268	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.12	95	184395	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	50663	37.136	ug/l	91
25) 2-Butanone	4.64	43	5898	2.683	ug/l #	87
31) Cyclohexane	5.56	56	26604	6.263	ug/l	97
39) Methylcyclohexane	7.45	83	12867	2.888	ug/l	97
52) Toluene	8.77	92	669104	99.171	ug/l	100
67) Ethyl Benzene	10.24	91	966102	71.023	ug/l	100
68) m/p-Xylenes	10.34	106	1129056	221.539	ug/l	100
69) o-Xylene	10.68	106	489727	99.967	ug/l	99
73) Isopropylbenzene	11.01	105	63902	4.650	ug/l	99
78) n-propylbenzene	11.34	91	169214	10.585	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	156947	13.528	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	602595	51.374	ug/l	100
85) sec-Butylbenzene	11.93	105	9553m	0.708	ug/l	
86) p-Isopropyltoluene	12.05	119	4474m	0.357	ug/l	
89) n-Butylbenzene	12.37	91	16102	1.406	ug/l #	28
95) Naphthalene	13.82	128	84904	5.776	ug/l	99

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

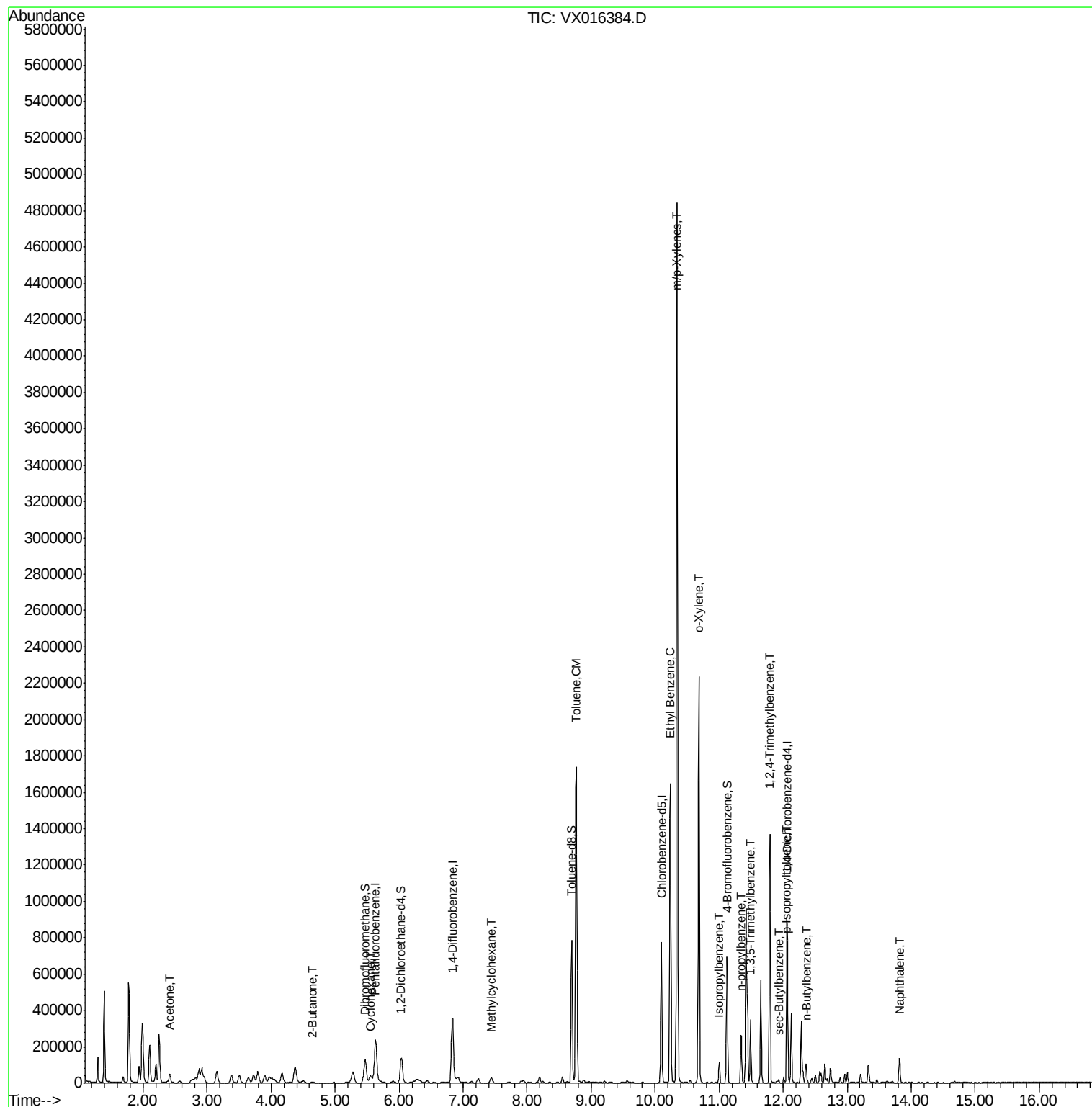
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052120\
Data File : VX016384.D
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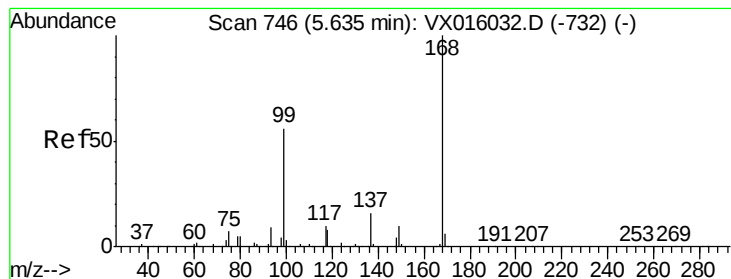
Instrument :
MSVOA_X
ClientSampleId :
RW-4

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Quant Time: May 22 09:27:34 2020
Quant Method : Z:\V0ASRV\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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

RW-4

Tot Ion:168 Resp: 232356

Ion Ratio Lower Upper

168 100

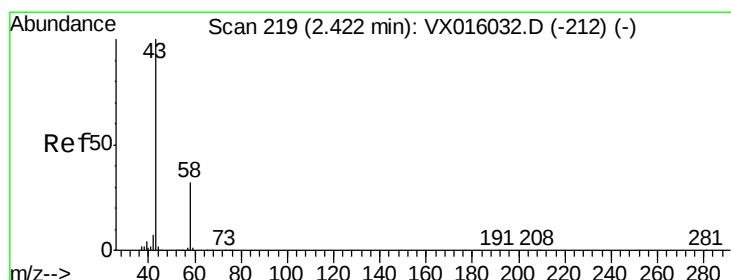
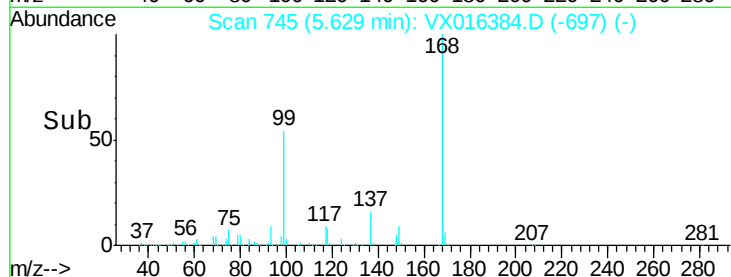
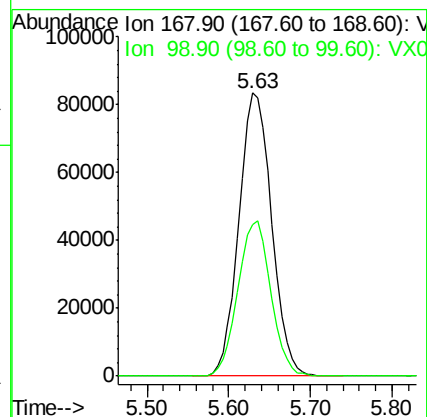
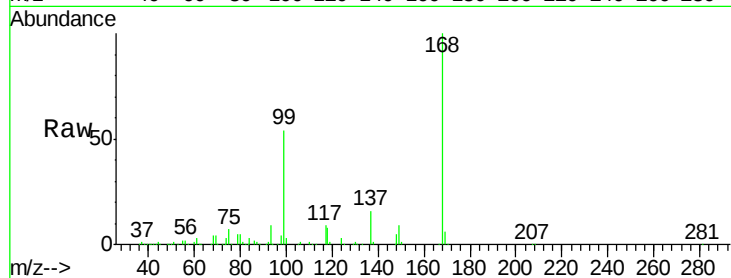
99 53.7 45.0 67.4

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#16

Acetone

Concen: 37.136 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016384.D

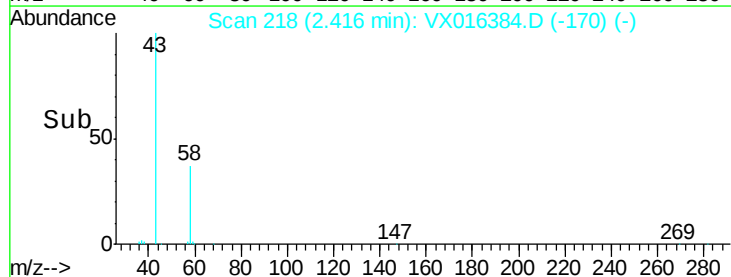
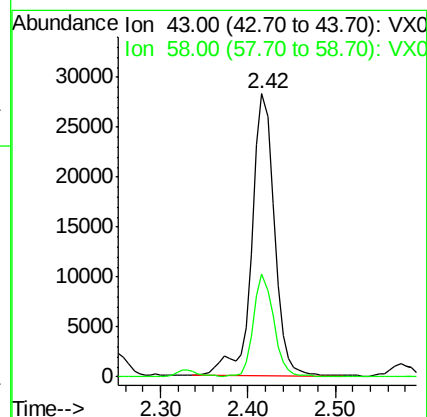
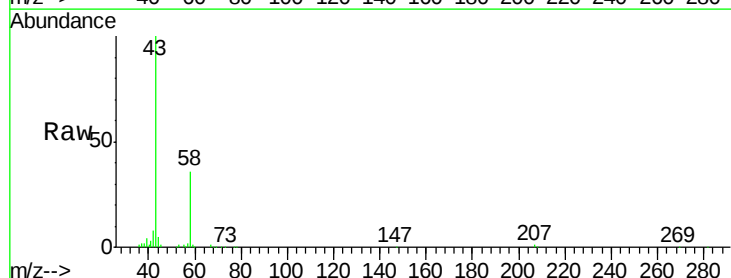
Acq: 21 May 2020 15:26

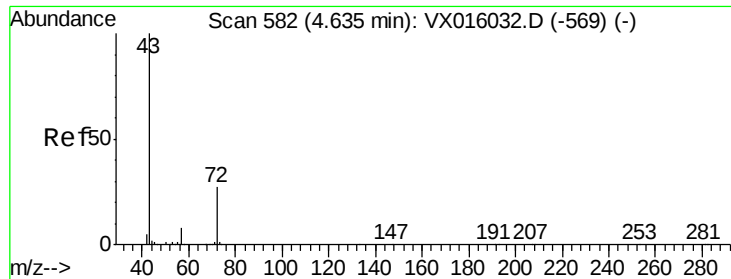
Tgt Ion: 43 Resp: 50663

Ion Ratio Lower Upper

43 100

58 36.6 25.4 38.0





#25

2-Butanone

Concen: 2.683 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

RW-4

Tot Ion: 43 Resp: 5898

Ion Ratio Lower Upper

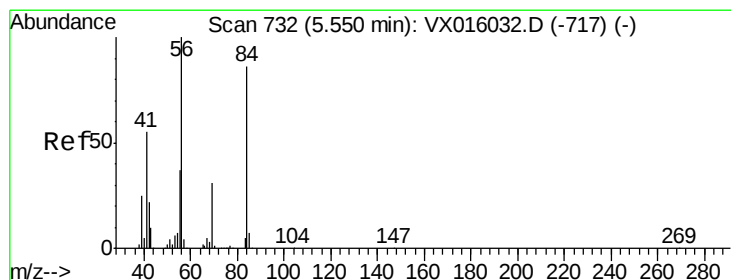
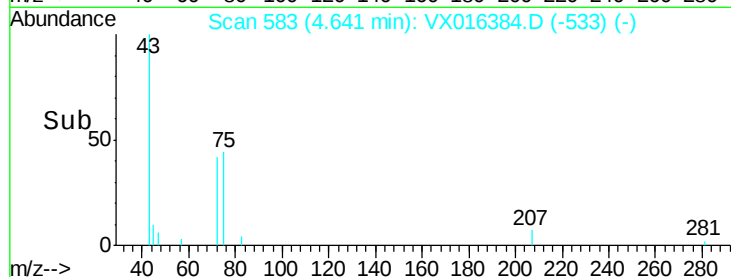
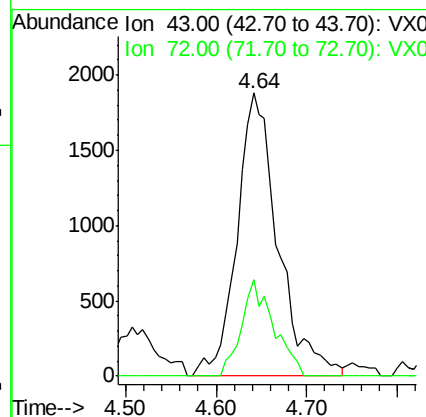
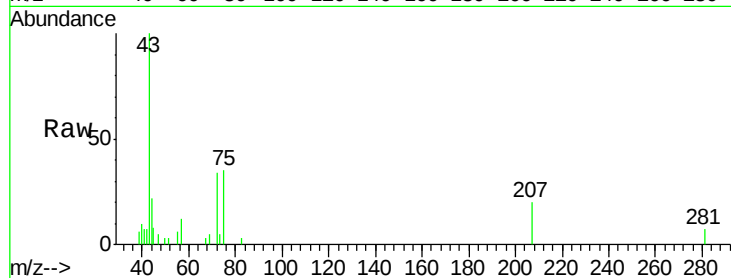
43 100

72 34.0 21.8 32.8#

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#31

Cyclohexane

Concen: 6.263 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

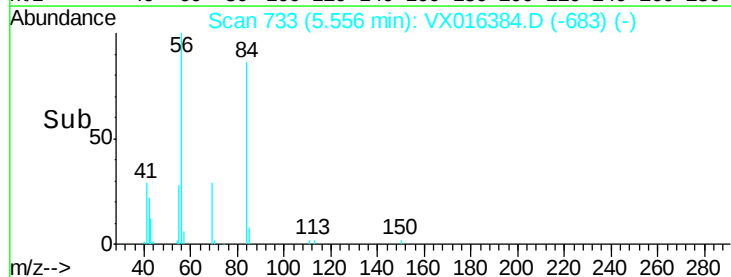
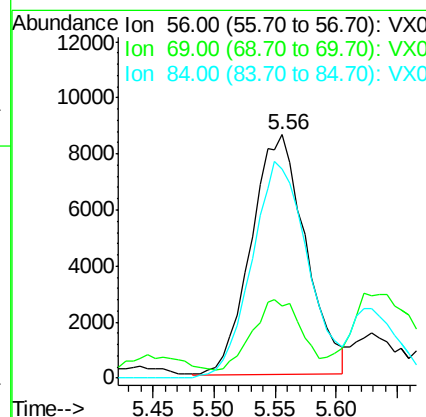
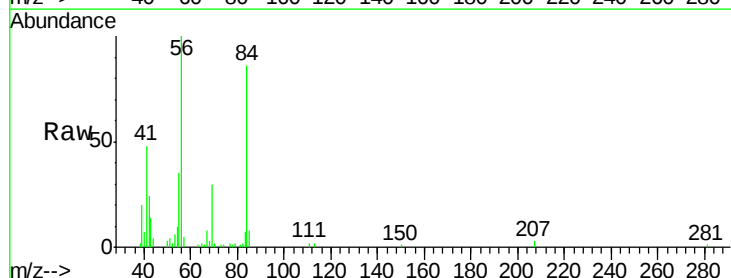
Tgt Ion: 56 Resp: 26604

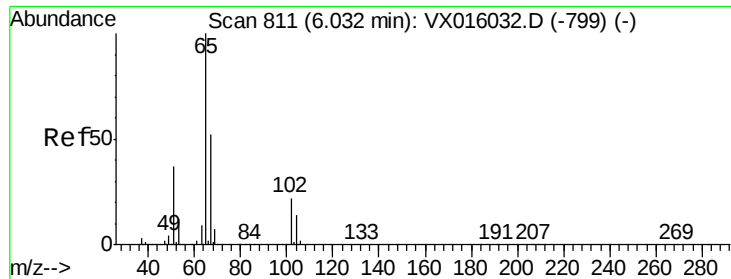
Ion Ratio Lower Upper

56 100

69 25.2 25.0 37.6

84 87.0 69.0 103.6





#33

1,2-Dichloroethane-d4

Concen: 43.317 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampled :

RW-4

Tot Ion: 65 Resp: 132446

Ion Ratio Lower Upper

65 100

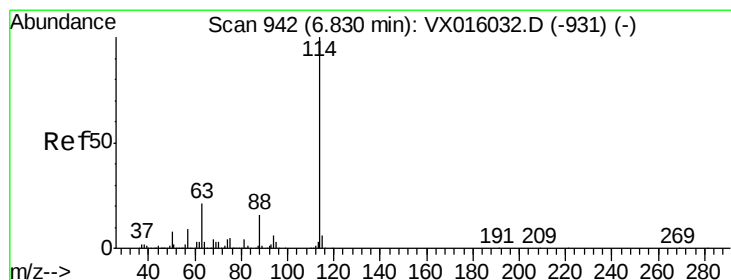
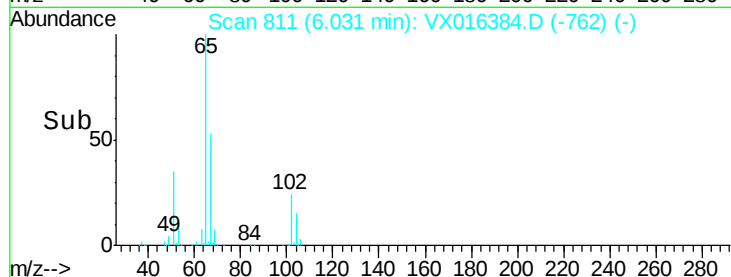
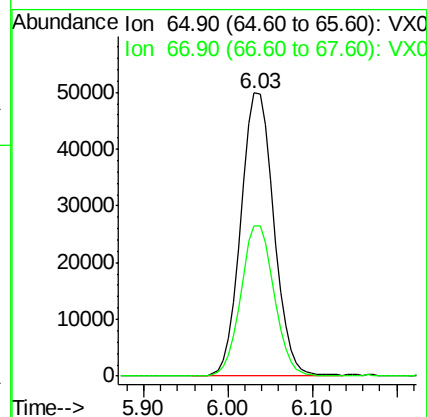
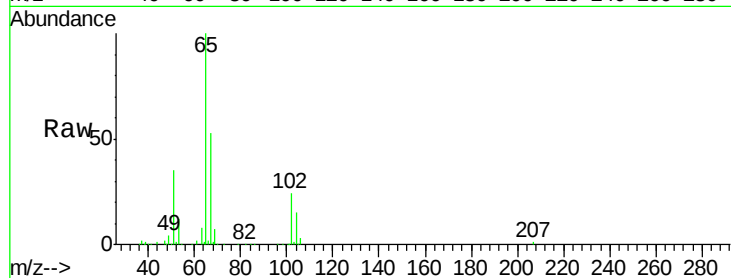
67 53.4 0.0 104.8

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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: VX016384.D

Acq: 21 May 2020 15:26

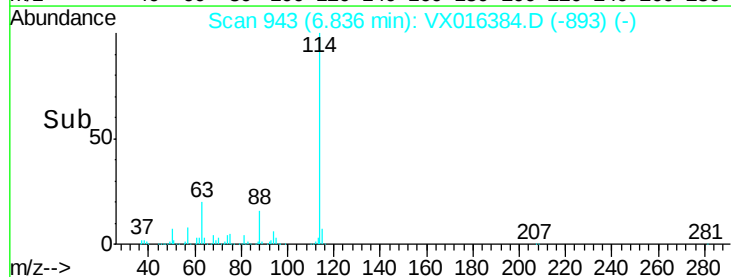
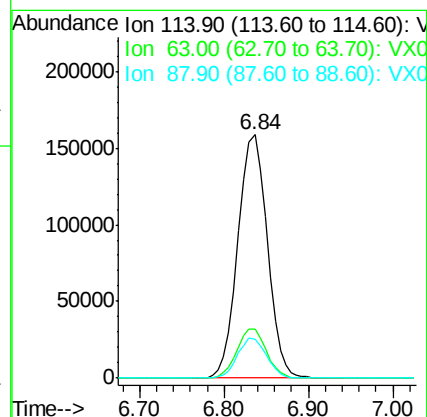
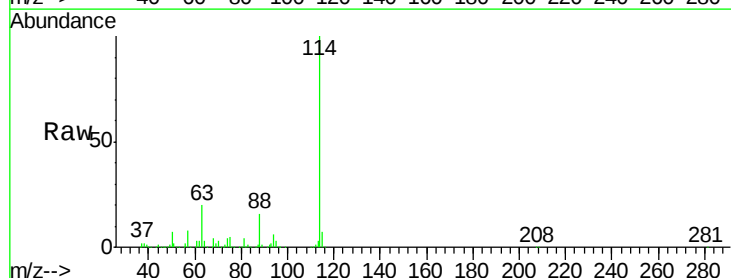
Tgt Ion: 114 Resp: 375821

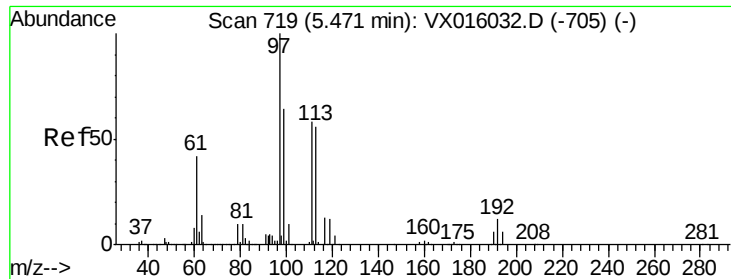
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.806 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

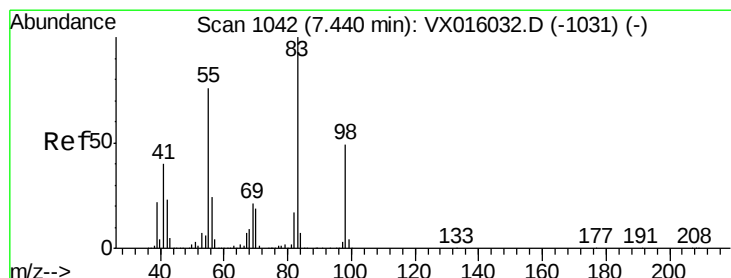
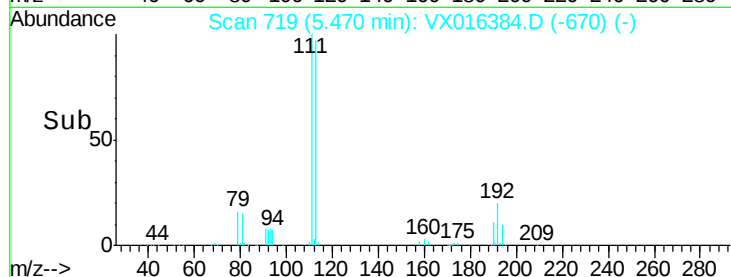
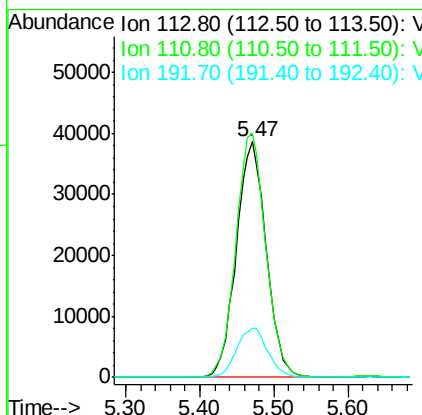
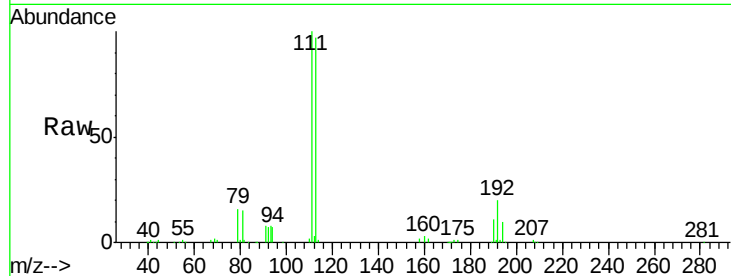
ClientSampled :

RW-4

Tot Ion:	113	Resp:	109063
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.6	122.4
192	21.7	17.0	25.4

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#39

Methylcyclohexane

Concen: 2.888 ug/l

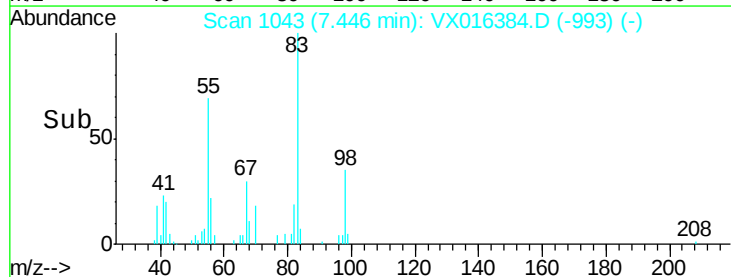
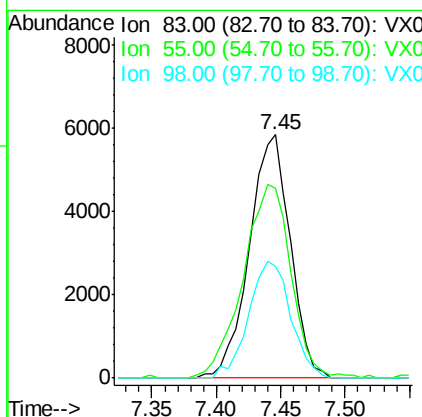
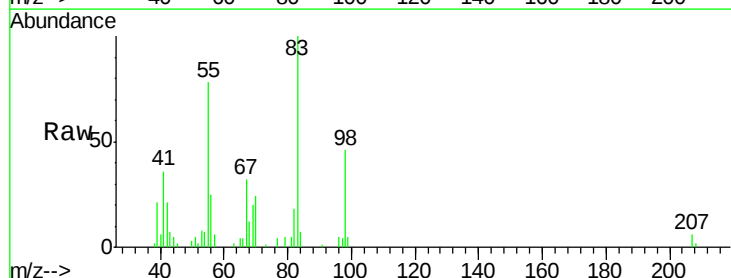
RT: 7.45 min Scan# 1043

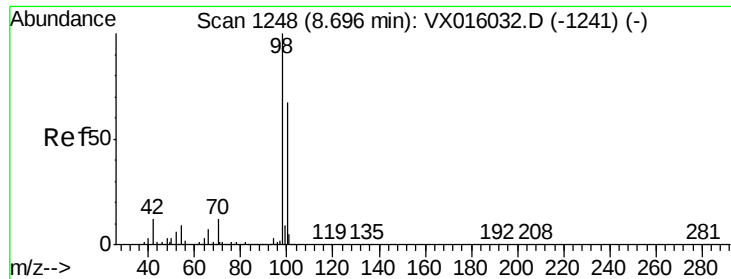
Delta R.T. 0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Tgt Ion:	83	Resp:	12867
Ion Ratio	Lower	Upper	
83	100		
55	78.0	61.1	91.7
98	46.2	39.0	58.4





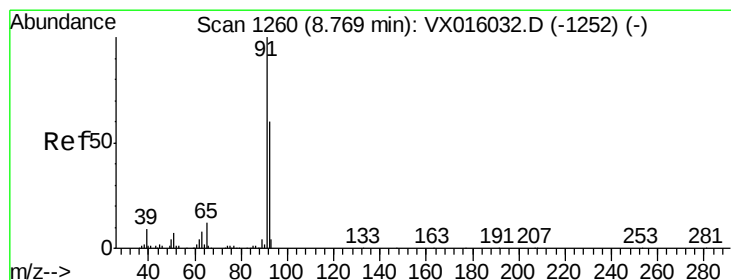
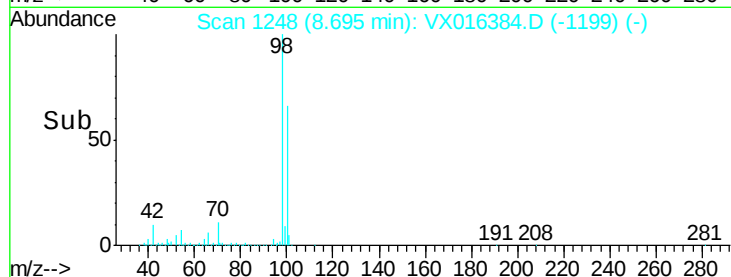
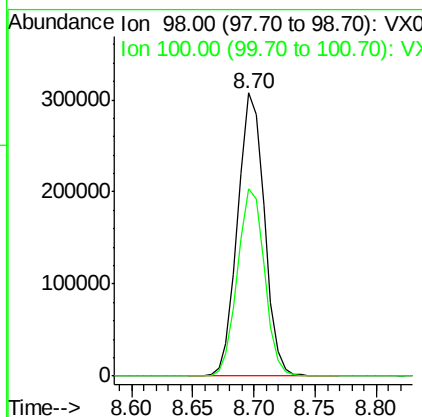
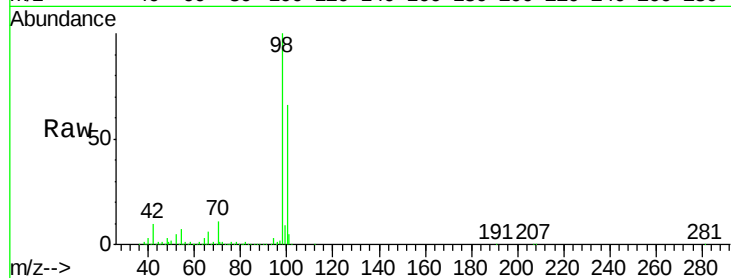
#50
Toluene-d8
Concen: 50.824 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
RW-4

Tot Ion	98	Resp	466268
Ion Ratio	100	Lower	Upper
98	100		
100	66.5	53.7	80.5

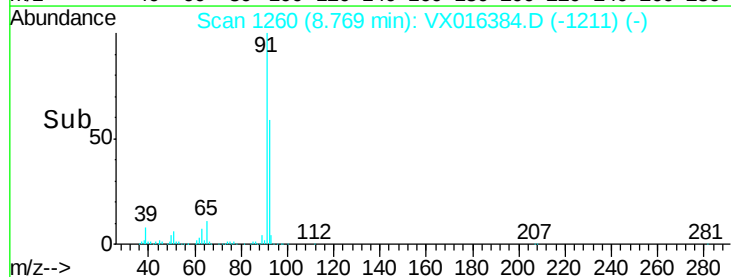
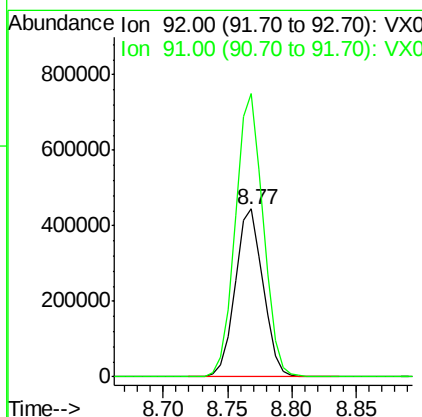
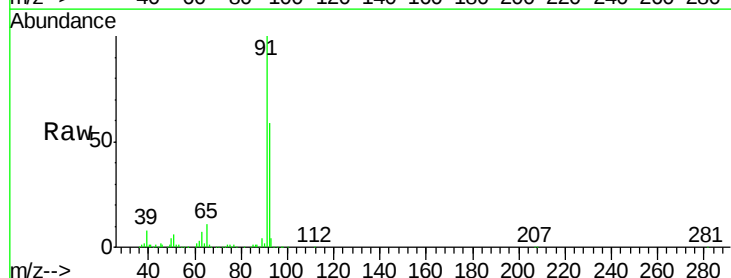
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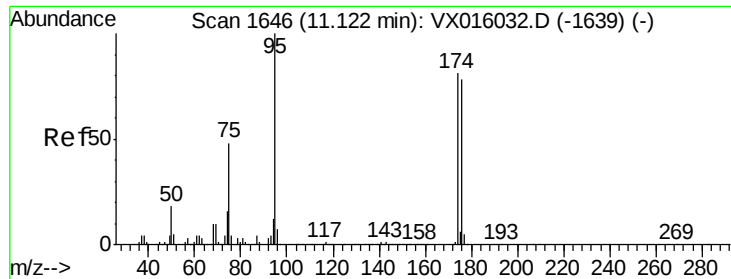
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#52
Toluene
Concen: 99.171 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion	92	Resp	669104
Ion Ratio	100	Lower	Upper
92	100		
91	168.4	134.5	201.7





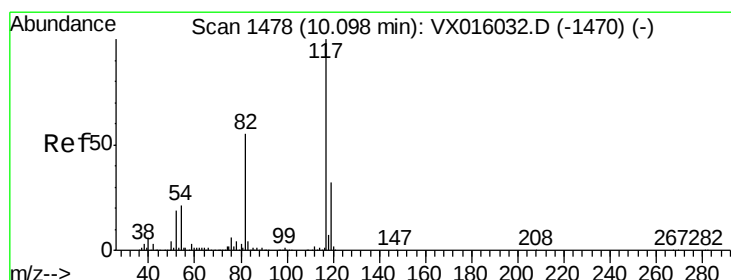
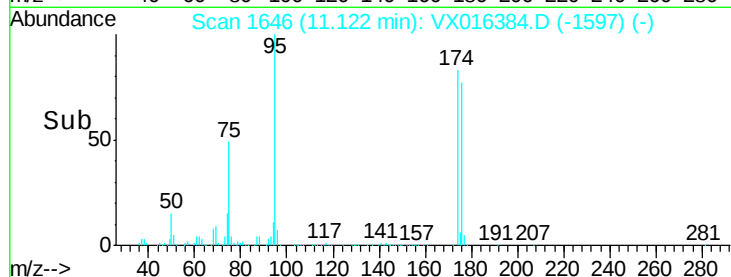
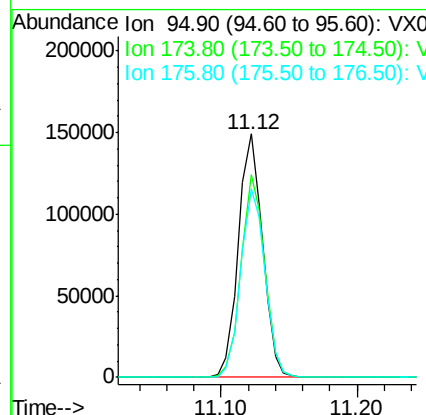
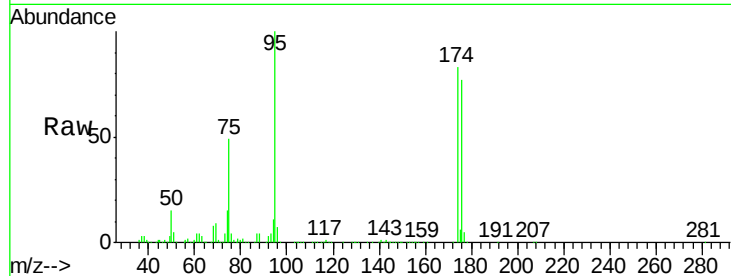
#62
4-Bromofluorobenzene
Concen: 52.844 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
RW-4

Tot Ion	Ratio	Resp	Lower	Upper
95	100	184395		
174	81.6	0.0	159.4	
176	78.1	0.0	157.6	

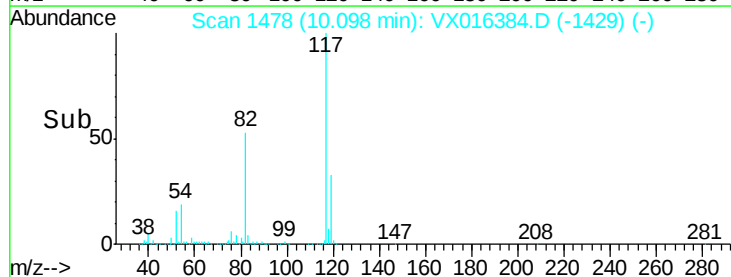
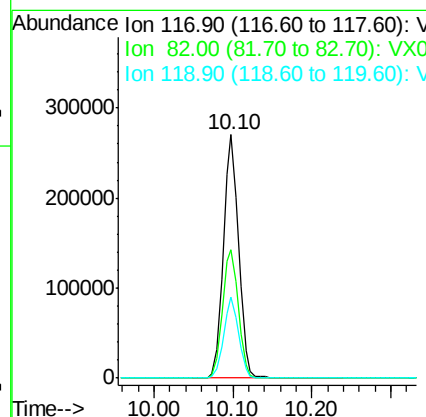
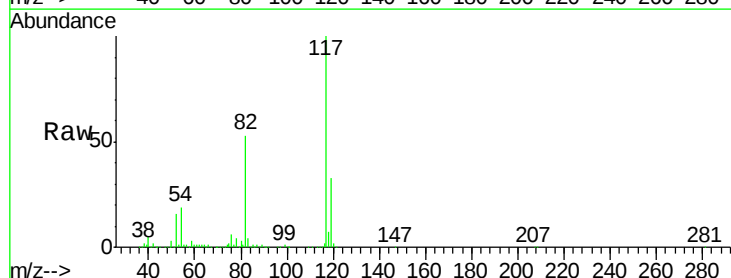
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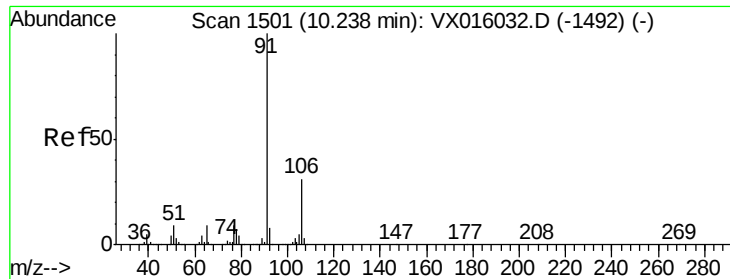
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	364096		
82	52.9	44.4	66.6	
119	33.3	25.5	38.3	





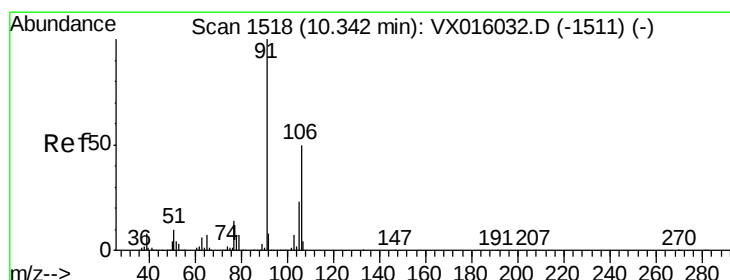
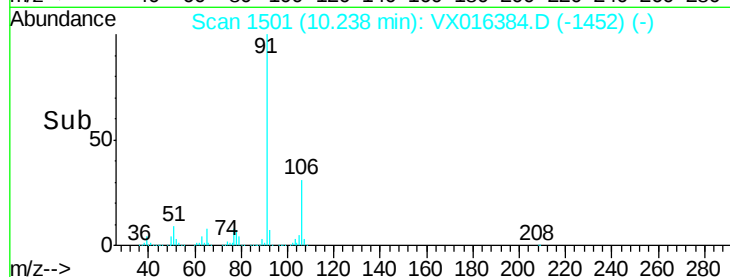
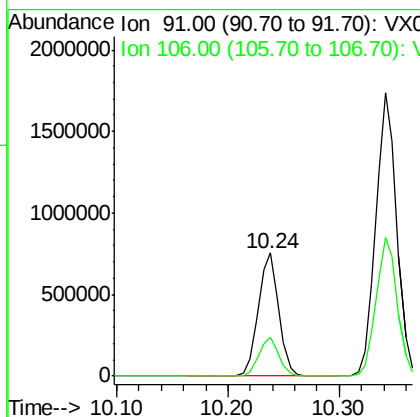
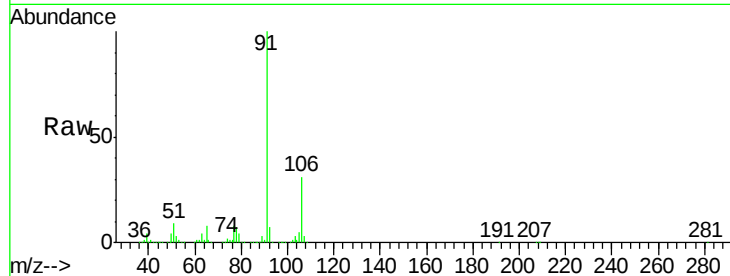
#67
Ethyl Benzene
Concen: 71.023 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Instrument :
MSVOA_X
ClientSampled :
RW-4

Tot Ion: 91 Resp: 966102
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

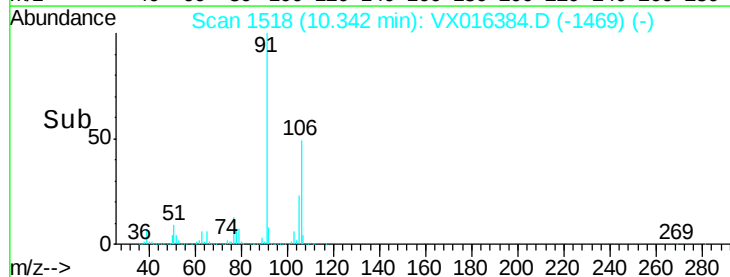
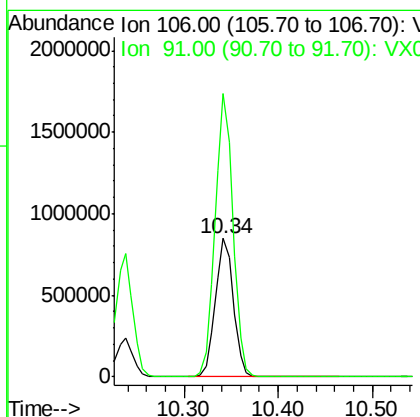
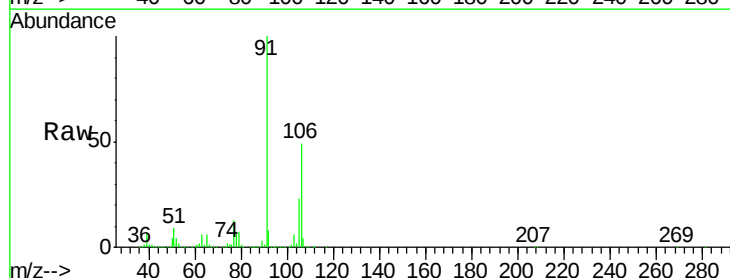
Manual Integrations
APPROVED

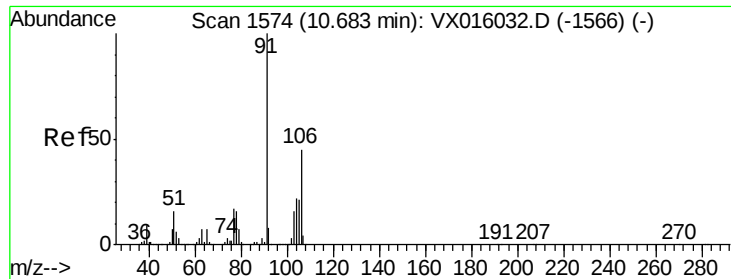
MMDadoda
5/22/2020 4:02:59 PM



#68
m/p-Xylenes
Concen: 221.539 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion: 106 Resp: 1129056
Ion Ratio Lower Upper
106 100
91 202.5 161.7 242.5





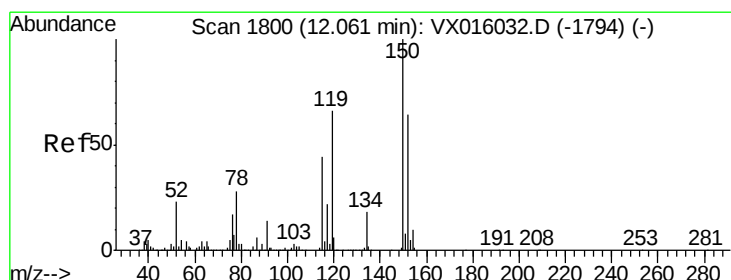
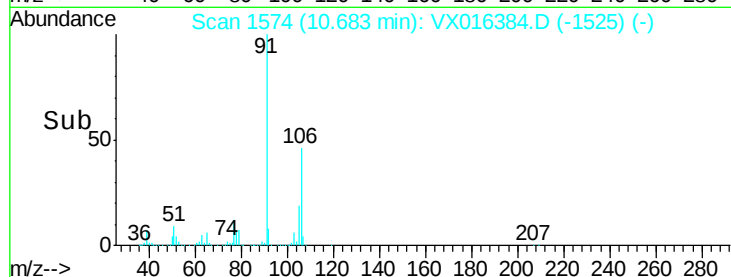
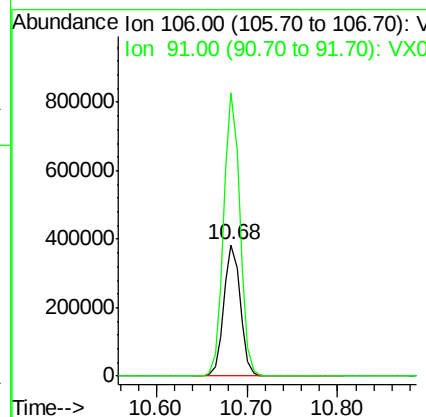
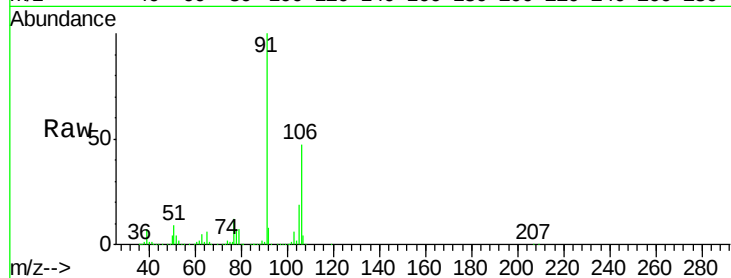
#69
o-Xylene
Concen: 99.967 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Instrument :
MSVOA_X
Client Sampled :
RW-4

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.1	107.5	322.6	

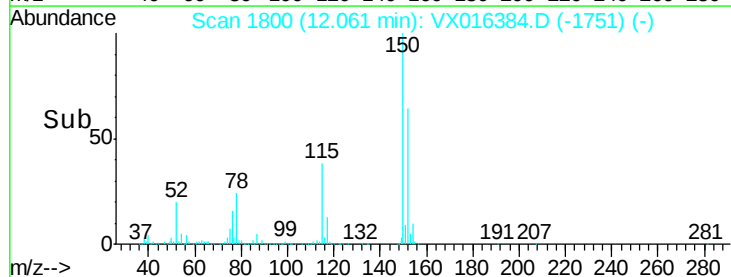
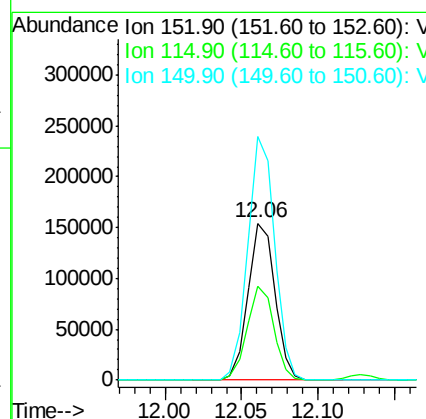
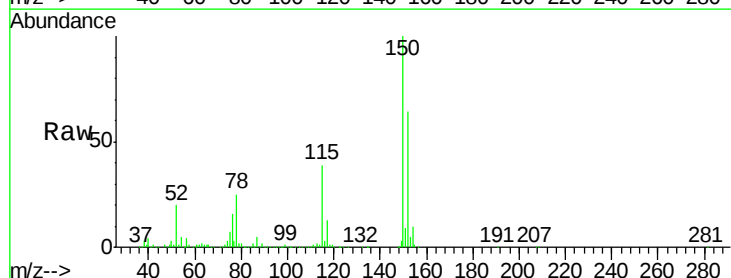
Manual Integrations
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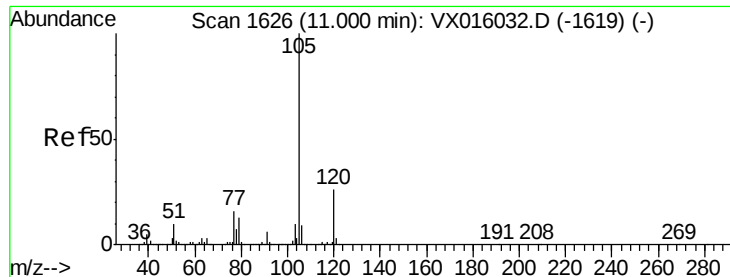
MMDadoda
5/22/2020 4:02:59 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	59.2	41.3	124.1	
150	154.9	0.0	352.2	





#73

Isopropylbenzene

Concen: 4.650 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampled :

RW-4

Tot Ion: 105 Resp: 63902

Ion Ratio Lower Upper

105 100

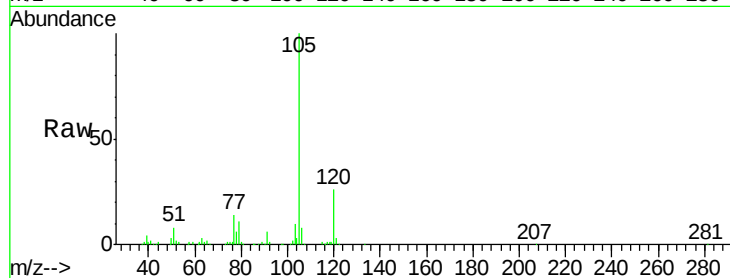
120 26.2 13.4 40.2

Manual Integrations

APPROVED

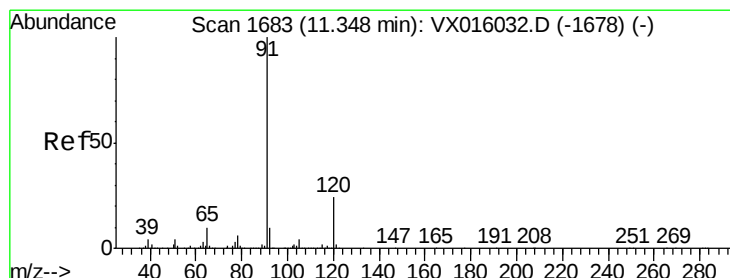
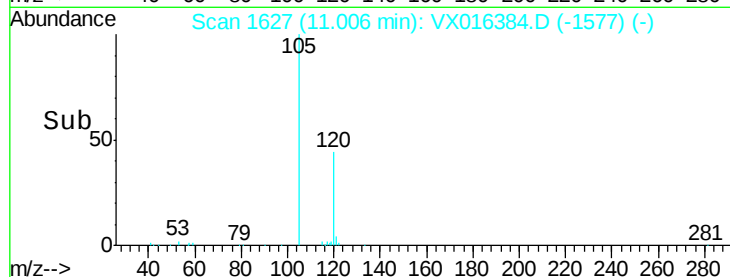
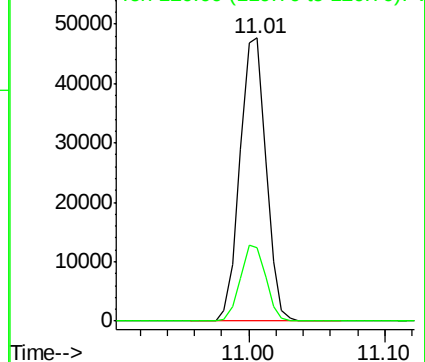
MMDadoda

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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: 10.585 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016384.D

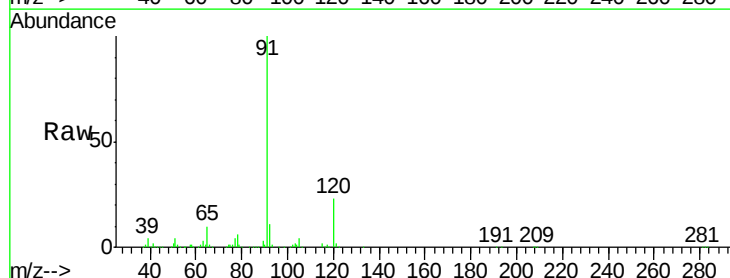
Acq: 21 May 2020 15:26

Tgt Ion: 91 Resp: 169214

Ion Ratio Lower Upper

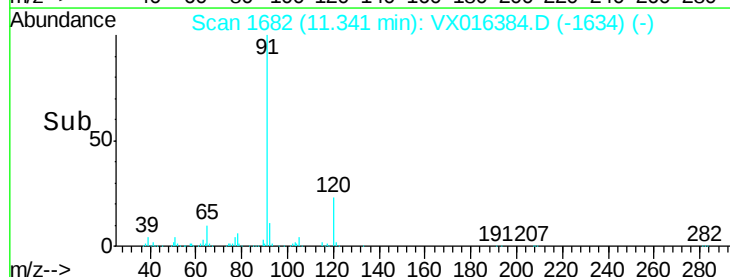
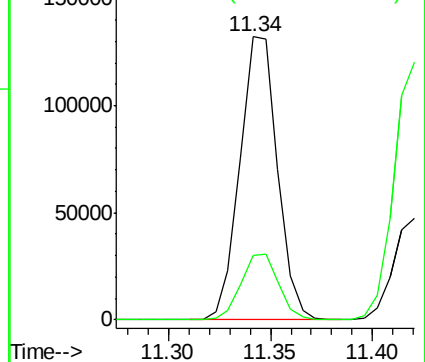
91 100

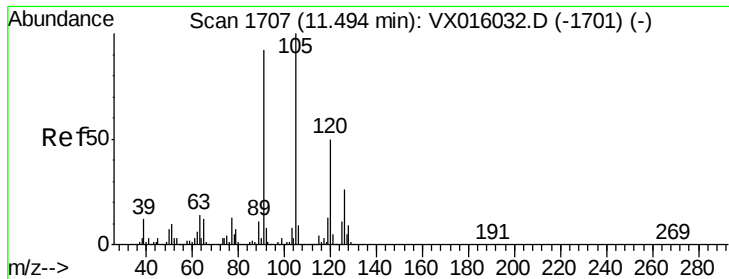
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





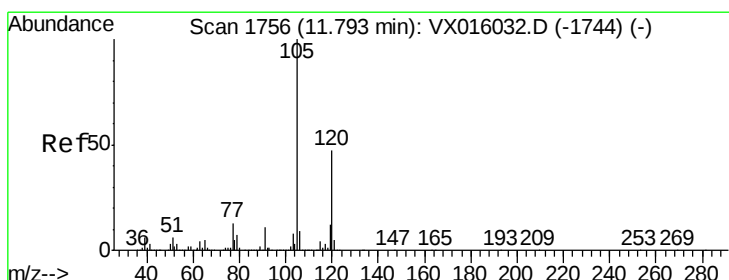
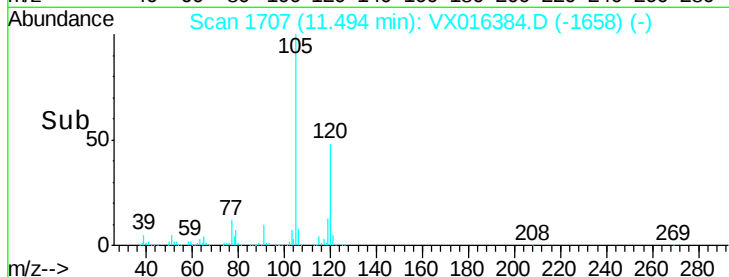
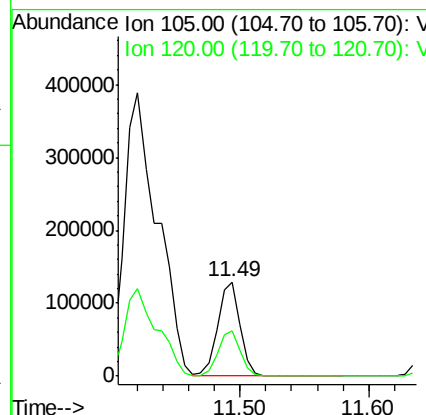
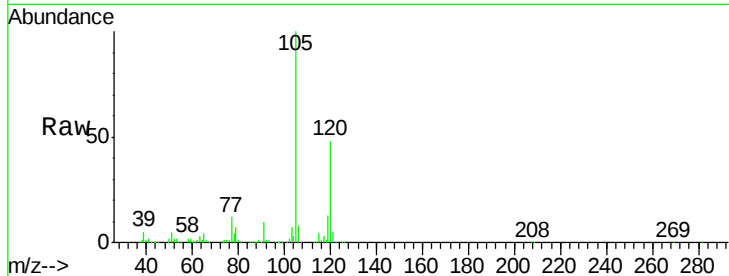
#80
 1,3,5-Trimethylbenzene
 Concen: 13.528 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

Instrument :
 MSVOA_X
 ClientSampled :
 RW-4

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.6	74.0

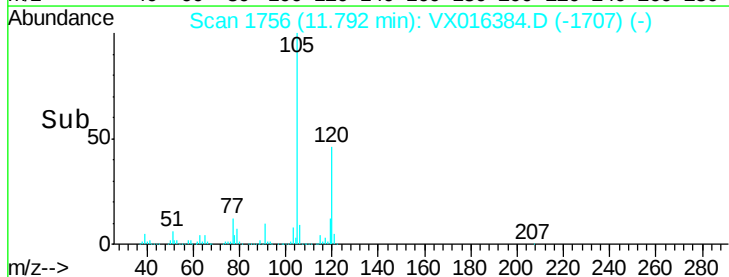
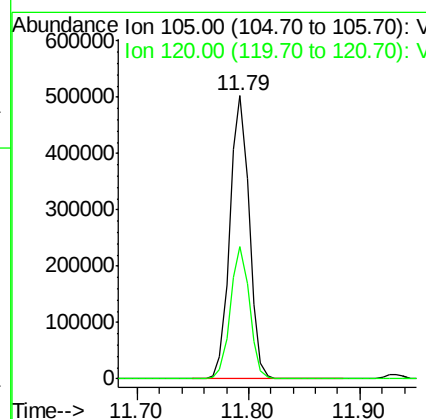
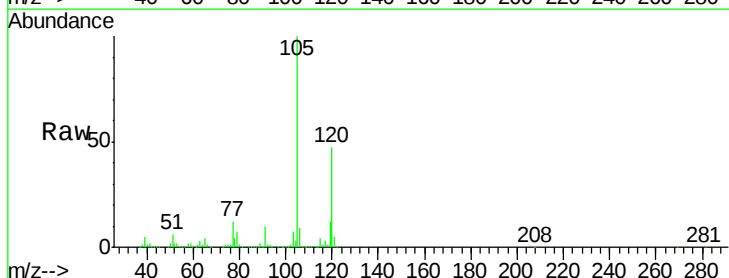
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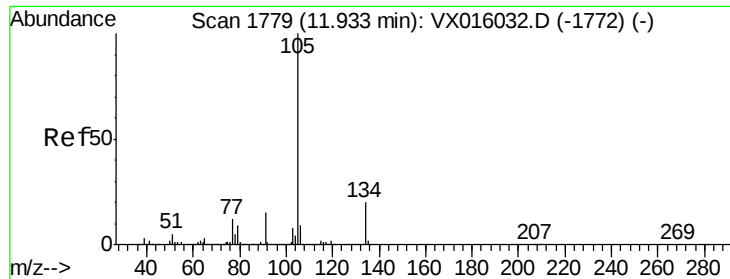
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.374 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 0.708 ug/l m

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

RW-4

Tot Ion:105 Resp: 9553

Ion Ratio Lower Upper

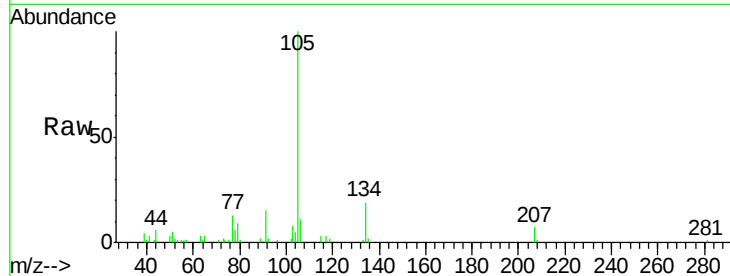
105 100

134 0.0 10.1 30.3#

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

8000

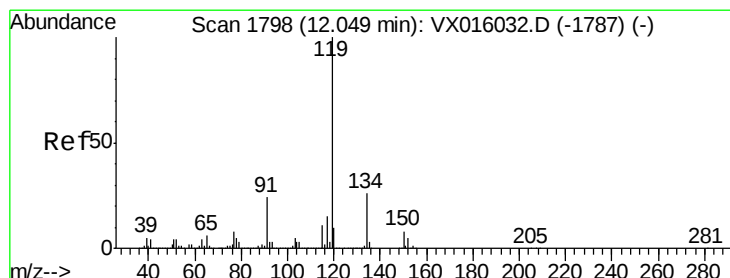
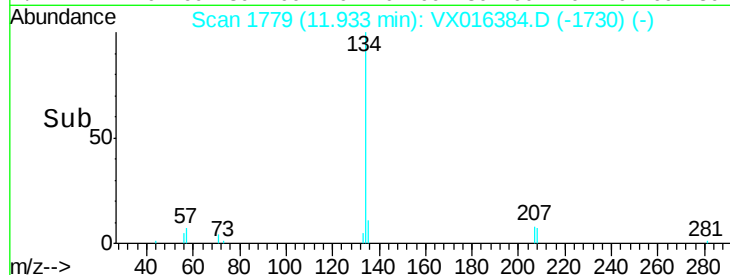
6000

4000

2000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.357 ug/l m

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

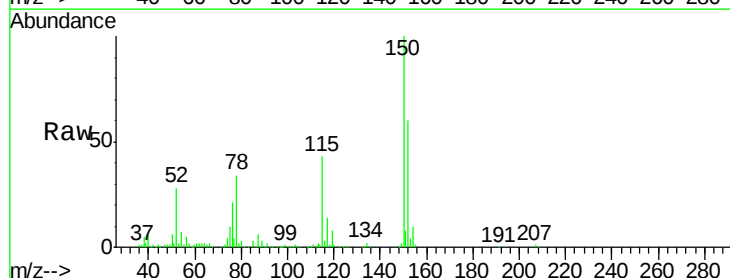
Tgt Ion:119 Resp: 4474

Ion Ratio Lower Upper

119 100

134 80.3 13.1 39.3#

91 70.1 11.8 35.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

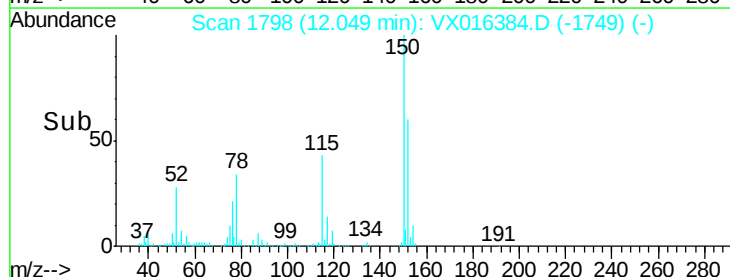
12.05

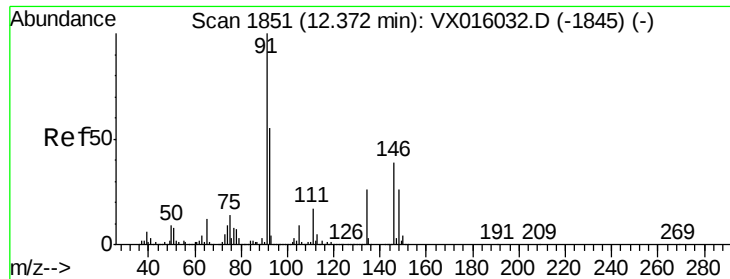
10000

5000

0

Time-->





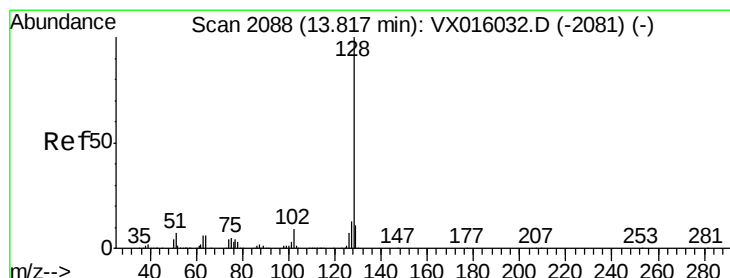
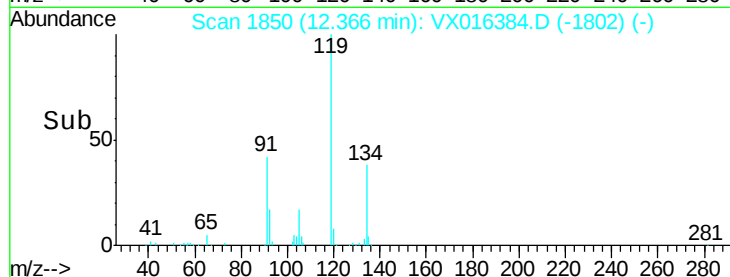
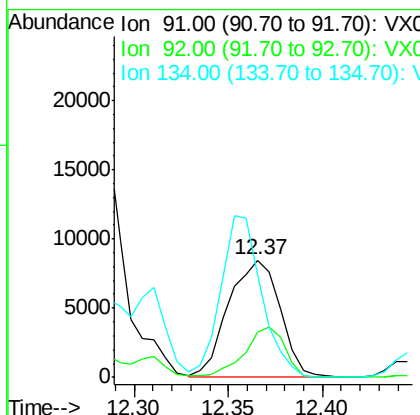
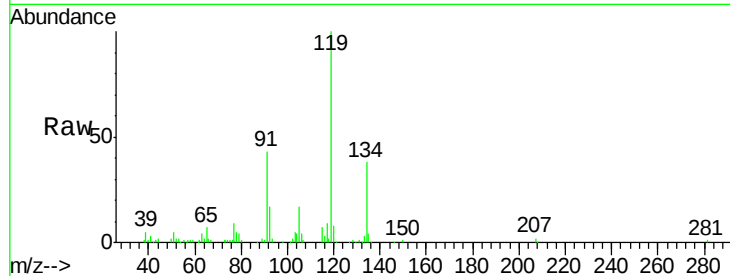
#89
n-Butylbenzene
Concen: 1.406 ug/l
RT: 12.37 min Scan# 1850
Delta R.T. -0.01 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Instrument :
MSVOA_X
ClientSampled :
RW-4

Tot Ion	Ratio	Lower	Upper
91	100		
92	33.7	27.6	82.7
134	109.2	13.4	40.1#

Manual Integrations
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#95
Naphthalene
Concen: 5.776 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.6	8.7	13.1

