

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016895.D
 Acq On : 19 Jun 2020 21:10
 Operator : JC/SP
 Sample : L3066-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:23 PM

Quant Time: Jun 22 06:21:32 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	5.62	168	231009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	375166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133193	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
35) Dibromofluoromethane	5.47	113	117092	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.70	98	467449	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.12	95	256175	69.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.26%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.57	96	5465	2.087	ug/l	85
39) Methylcyclohexane	7.44	83	2150	0.534	ug/l	88
67) Ethyl Benzene	10.23	91	166680	12.032	ug/l	98
68) m/p-Xylenes	10.34	106	26799	4.972	ug/l	98
69) o-Xylene	10.68	106	5668	1.137	ug/l	100
73) Isopropylbenzene	11.00	105	221079	15.721	ug/l	99
78) n-propylbenzene	11.34	91	375113	23.902	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	72689	5.991	ug/l	100
83) tert-Butylbenzene	11.76	119	23605	1.966	ug/l	87
84) 1,2,4-Trimethylbenzene	11.79	105	2228077	178.272	ug/l	98
85) sec-Butylbenzene	11.93	105	99082	7.107	ug/l	78
86) p-Isopropyltoluene	12.05	119	35951	2.814	ug/l	98
89) n-Butylbenzene	12.37	91	30958m	2.826	ug/l	
95) Naphthalene	13.82	128	106063	7.954	ug/l	99

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

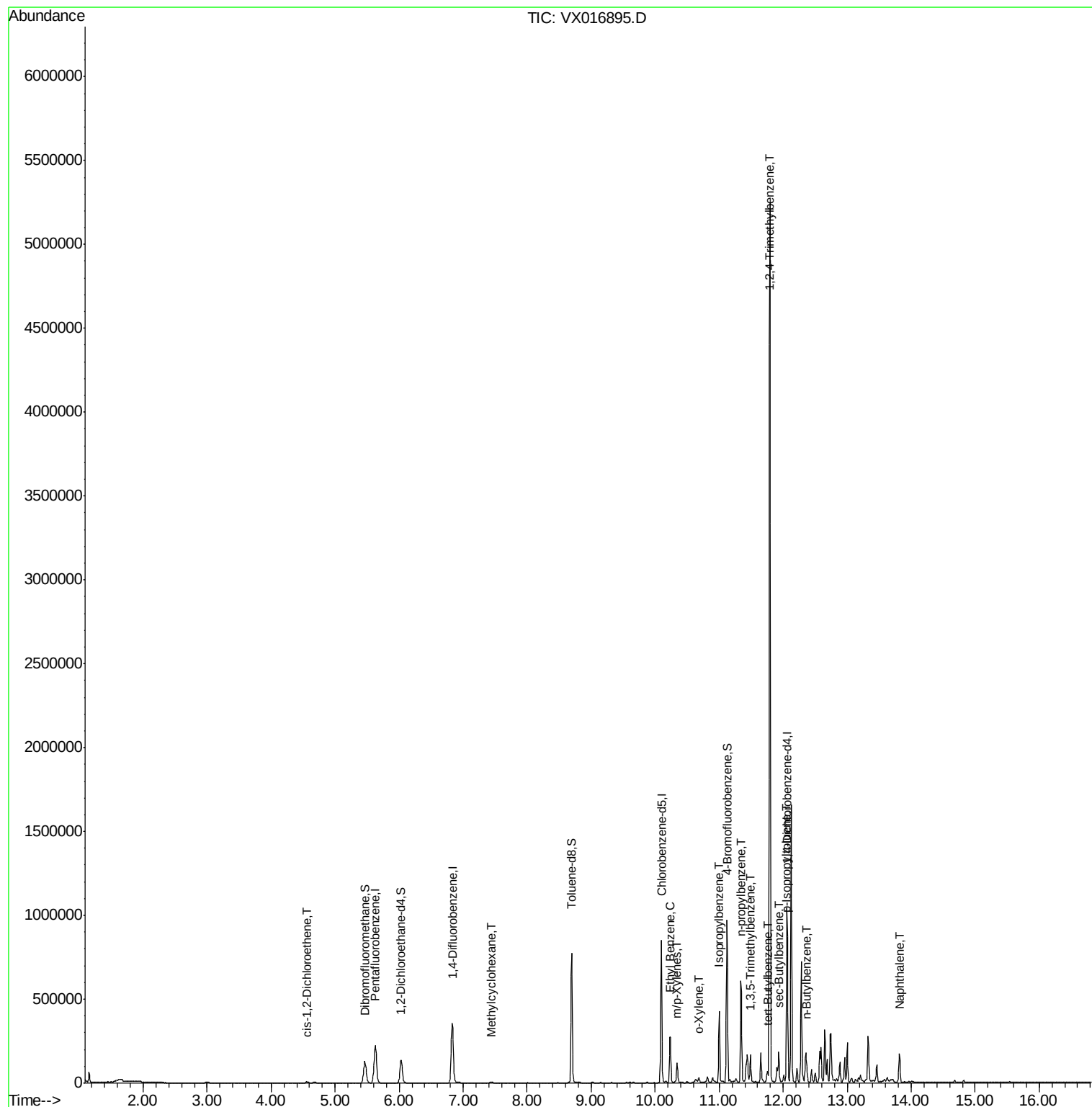
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016895.D
Acq On : 19 Jun 2020 21:10
Operator : JC/SP
Sample : L3066-02DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

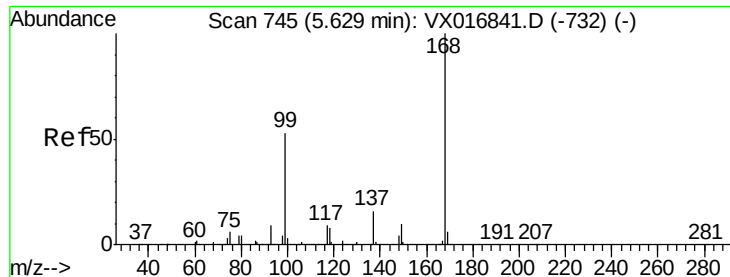
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Manual Integrations
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Quant Time: Jun 22 06:21:32 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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016895.D

Acq: 19 Jun 2020 21:10

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

Tot Ion:168 Resp: 231009

Ion Ratio Lower Upper

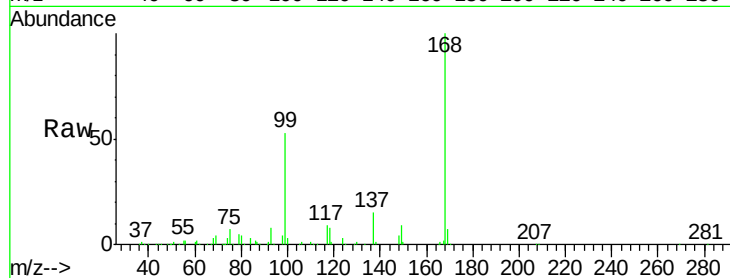
168 100

99 53.1 42.2 63.2

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

5.62

80000

60000

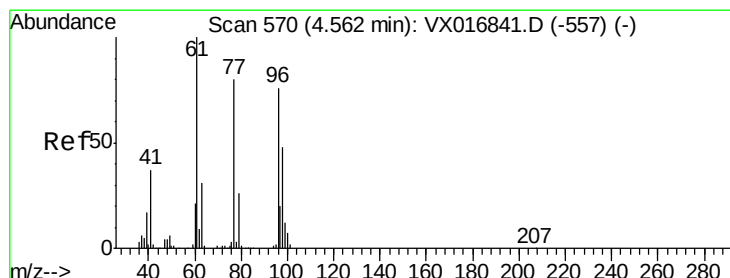
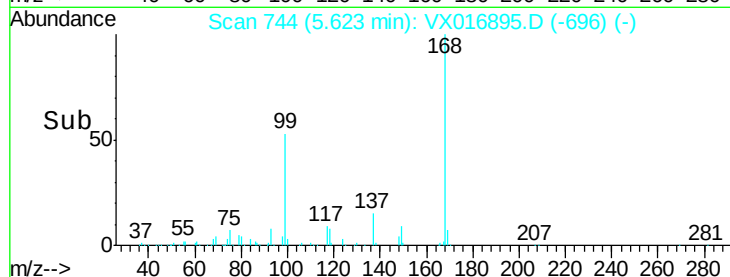
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.087 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016895.D

Acq: 19 Jun 2020 21:10

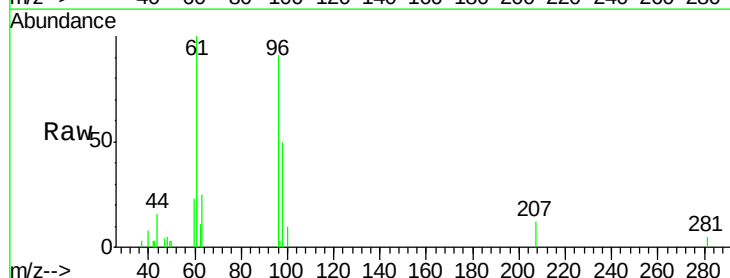
Tgt Ion: 96 Resp: 5465

Ion Ratio Lower Upper

96 100

61 112.0 0.0 273.8

98 62.0 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.57

3000

2500

2000

1500

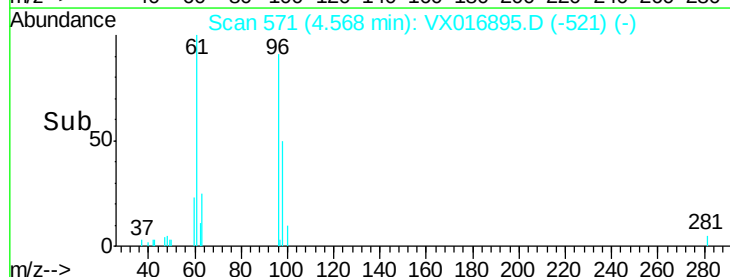
1000

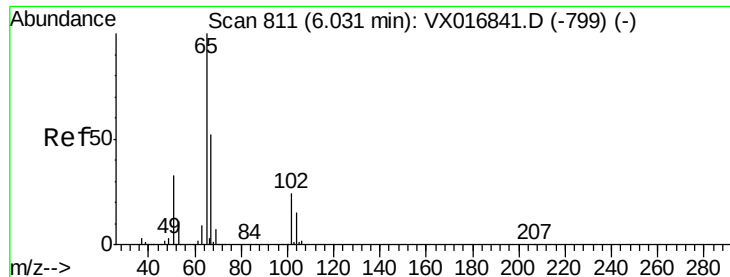
500

0

Time-->

4.45 4.50 4.55 4.60 4.65





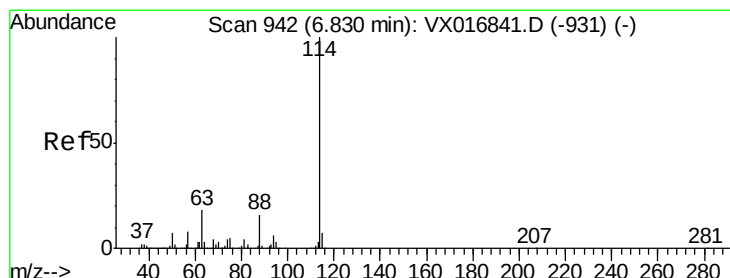
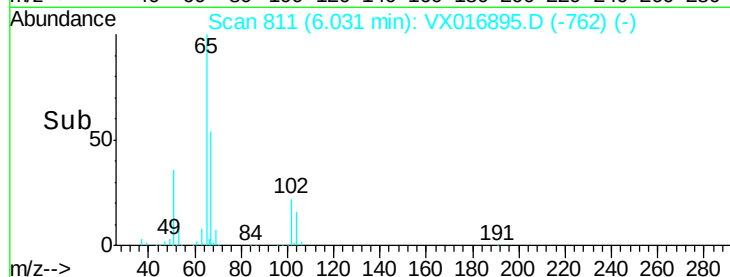
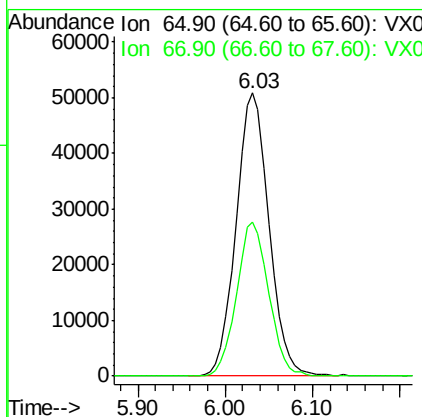
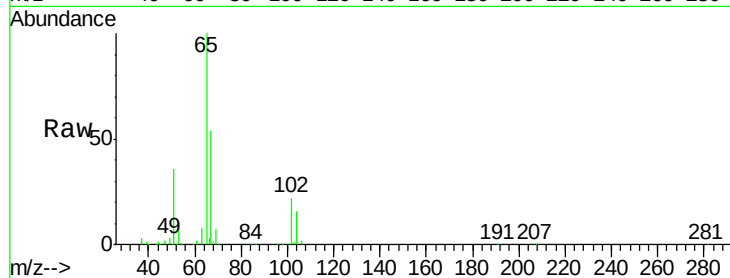
#33
 1,2-Dichloroethane-d4
 Concen: 47.941 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016895.D
 Acq: 19 Jun 2020 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	102.6

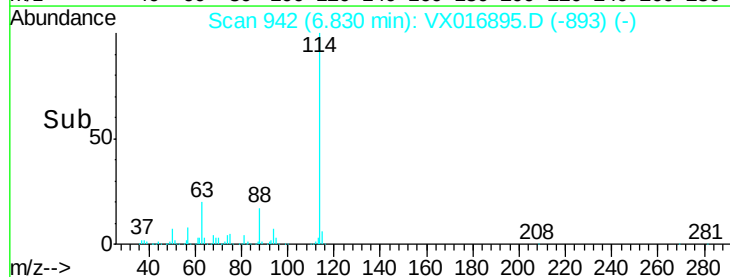
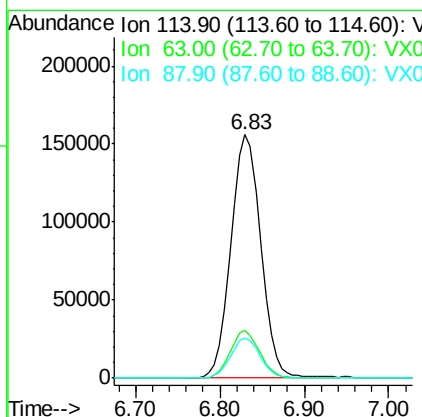
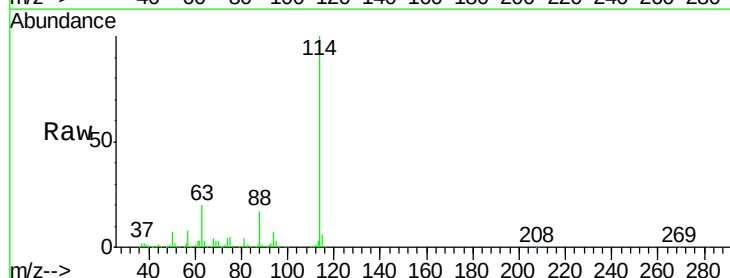
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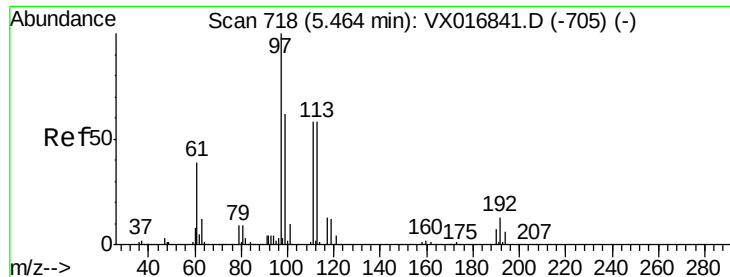
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016895.D
 Acq: 19 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.0
88	16.7	0.0	32.0





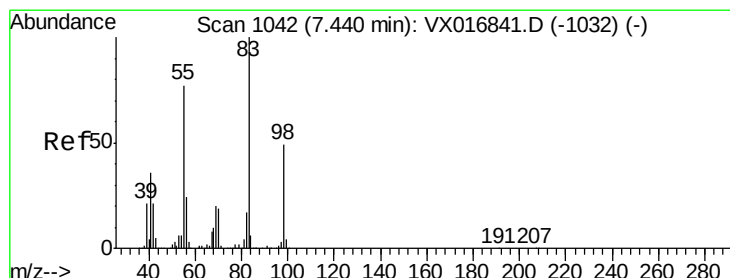
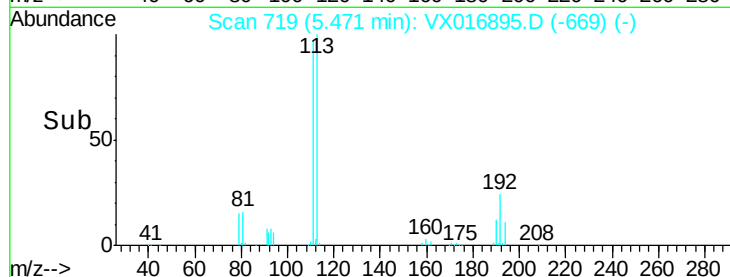
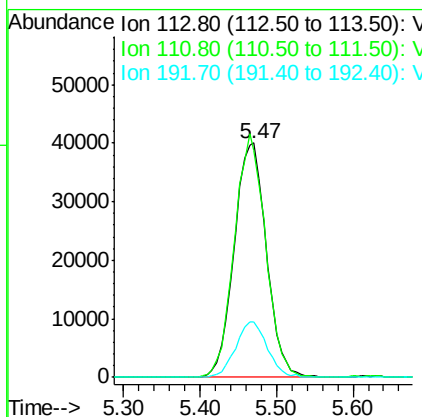
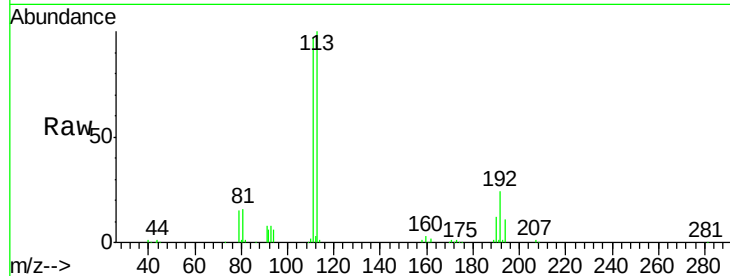
#35
Dibromofluoromethane
Concen: 48.790 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Instrument :
MSVOA_X
ClientSampled :
MW-4DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.0	121.4
192	23.2	18.5	27.7

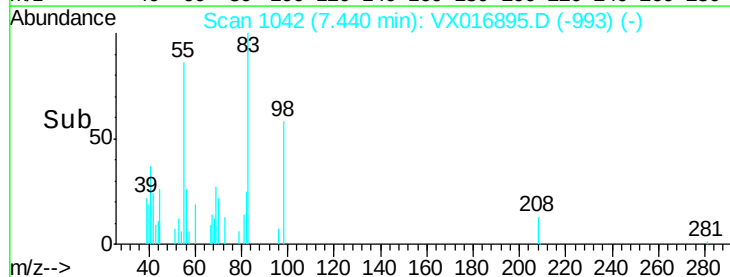
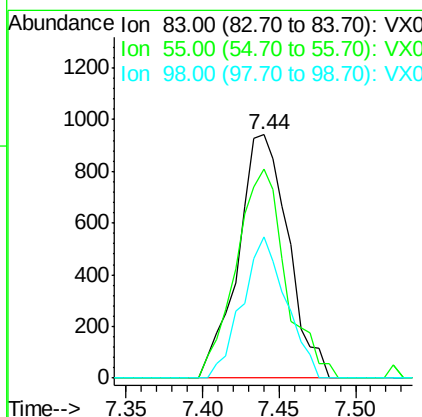
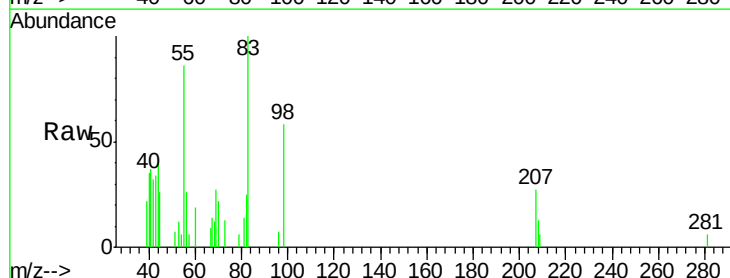
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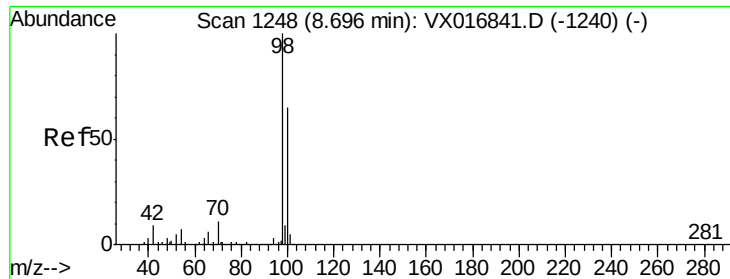
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#39
Methylcyclohexane
Concen: 0.534 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.9	61.7	92.5
98	58.3	39.0	58.6





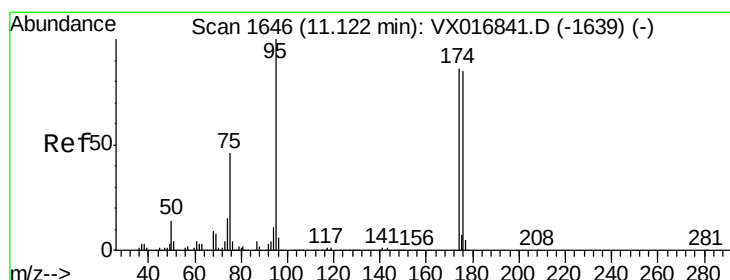
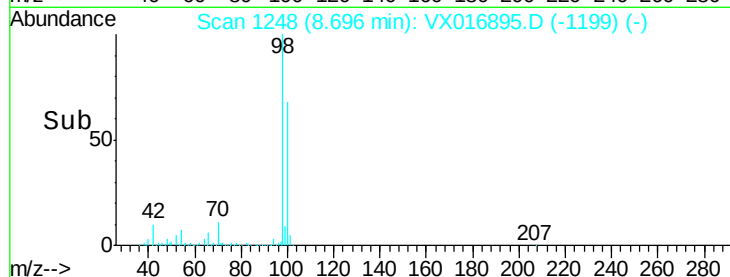
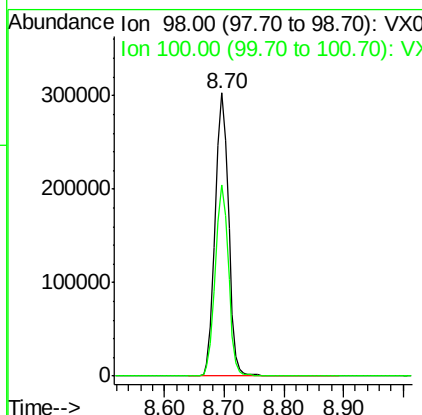
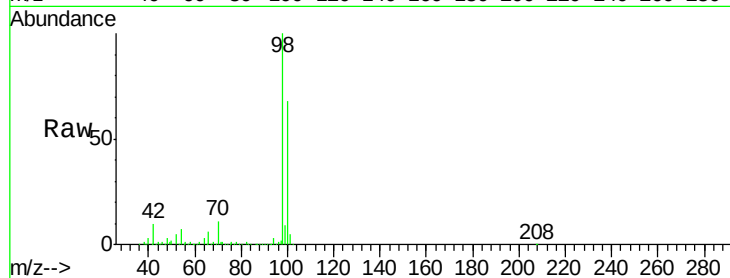
#50
Toluene-d8
Concen: 48.683 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	66.9	54.0	81.0	

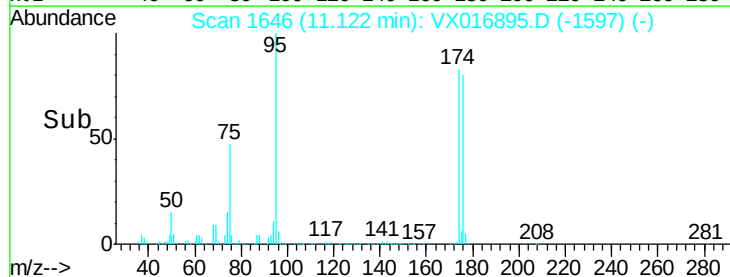
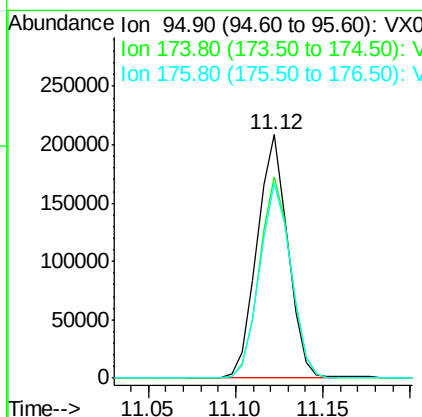
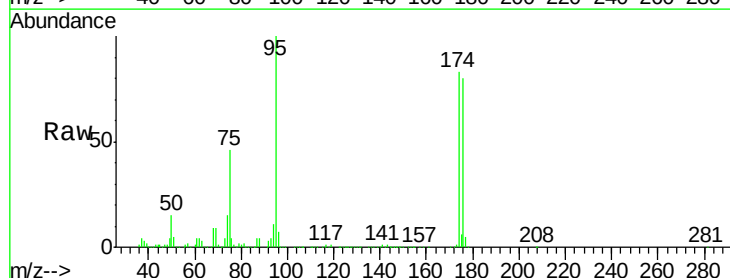
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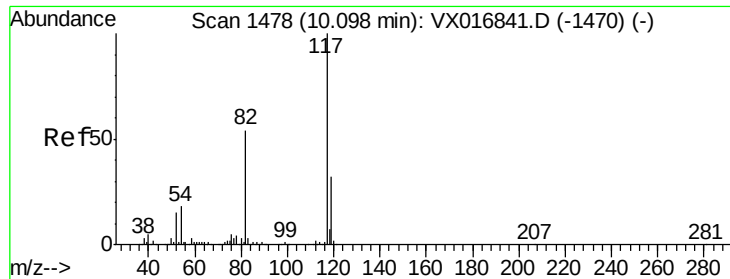
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#62
4-Bromofluorobenzene
Concen: 69.634 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	83.9	0.0	174.2	
176	81.7	0.0	170.0	





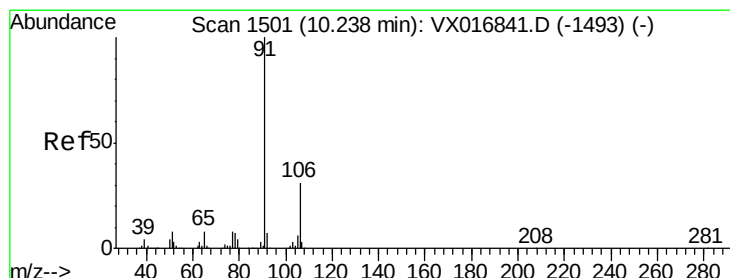
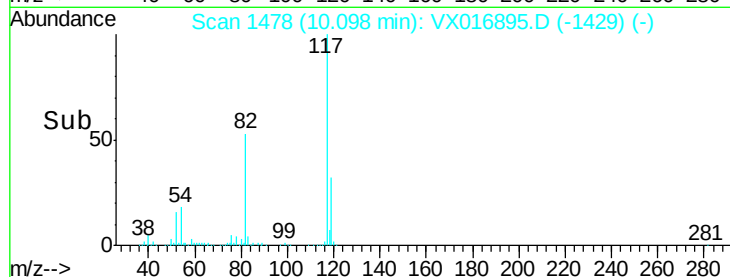
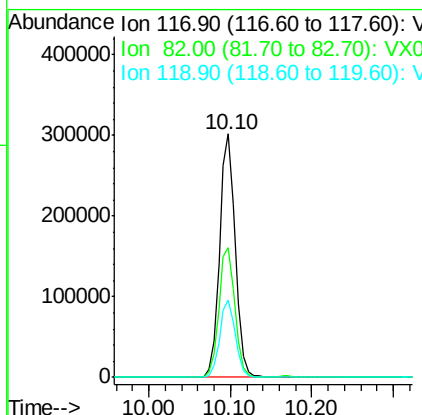
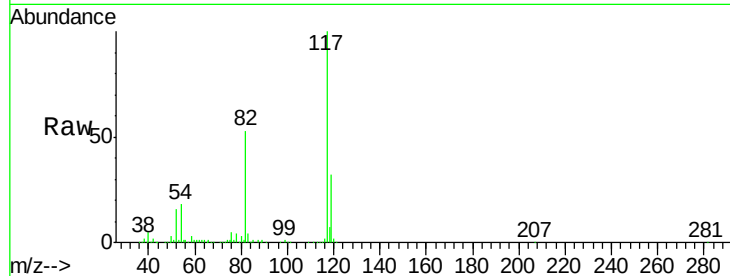
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.4	65.0
119	32.0	25.7	38.5

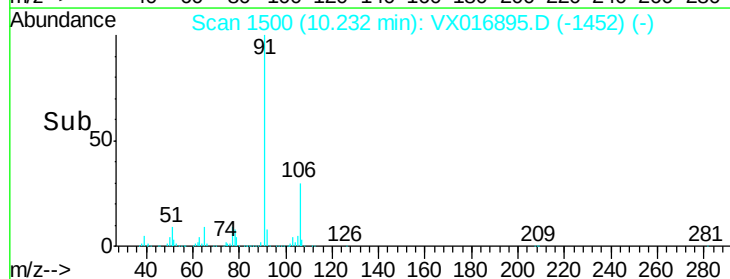
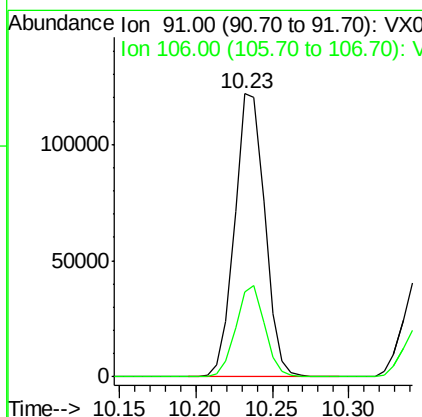
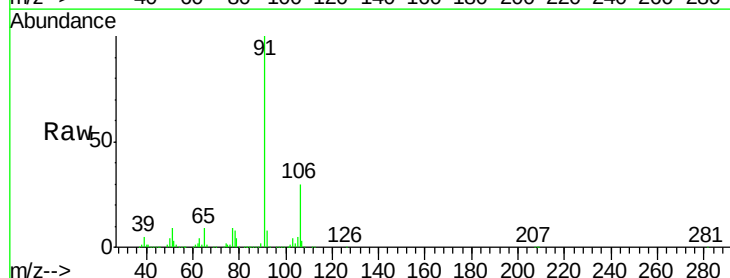
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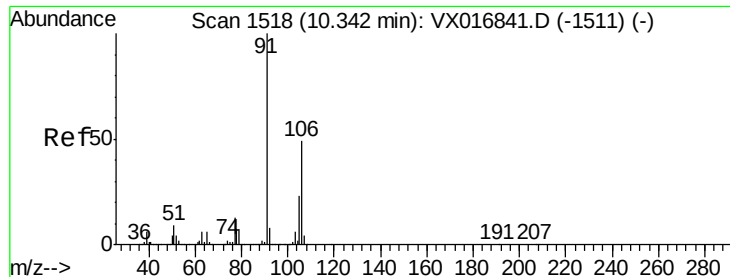
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#67
Ethyl Benzene
Concen: 12.032 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.1	37.7





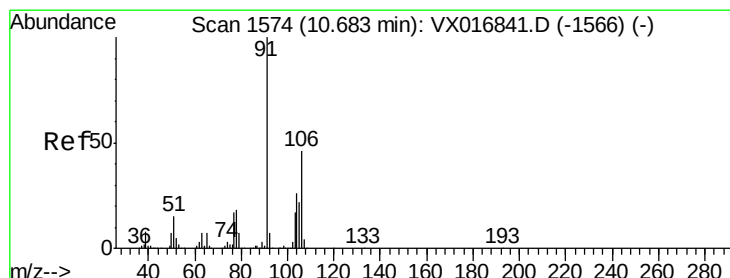
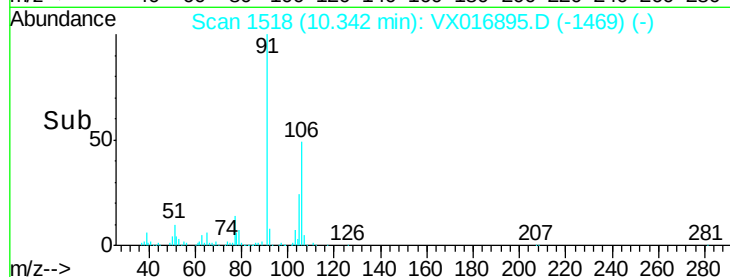
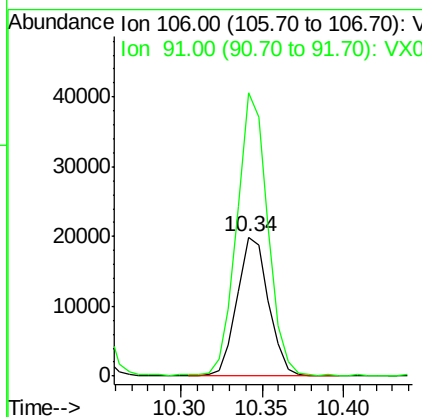
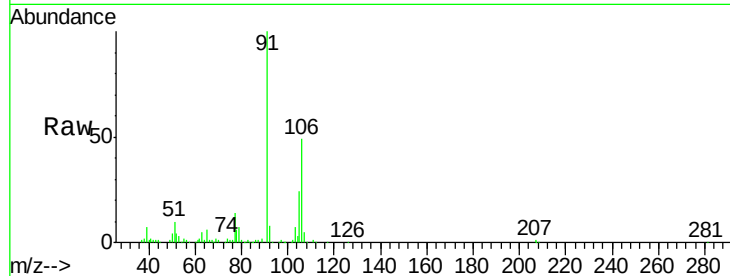
#68
m/p-Xylenes
Concen: 4.972 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Instrument :
MSVOA_X
ClientSampled :
MW-4DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		26799		
91	199.1	161.5	242.3		

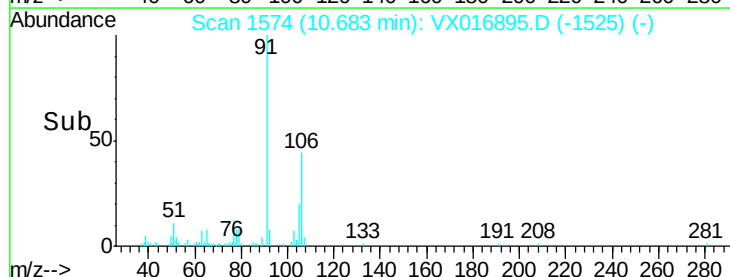
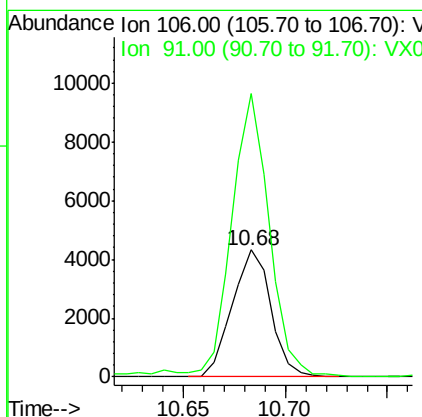
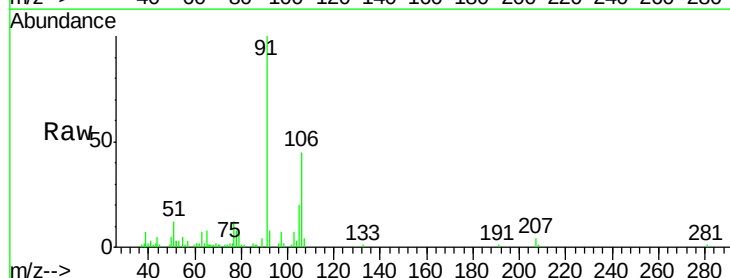
Manual Integrations
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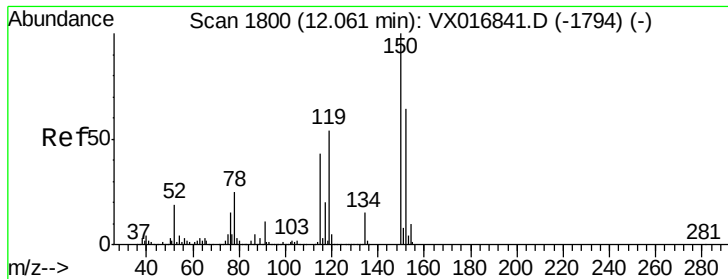
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#69
o-Xylene
Concen: 1.137 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		5668		
91	215.6	107.9	323.7		





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016895.D

Acq: 19 Jun 2020 21:10

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

Tot Ion:152 Resp: 218407

Ion Ratio Lower Upper

152 100

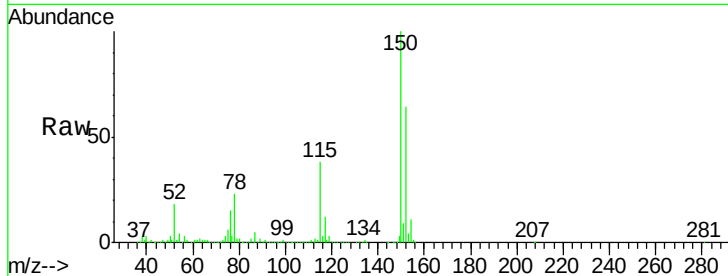
115 58.8 40.9 122.8

150 157.4 0.0 344.2

Manual Integrations
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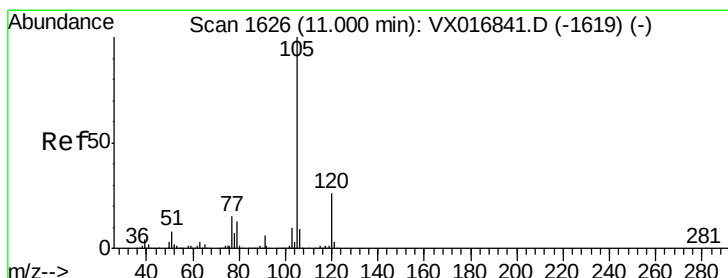
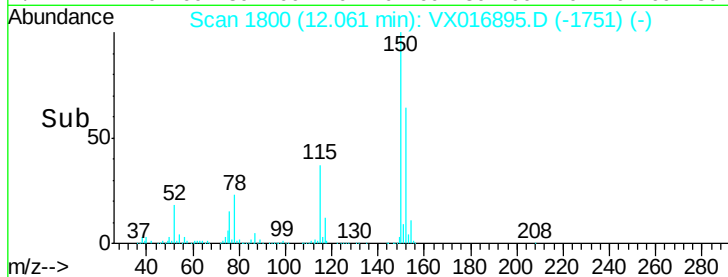
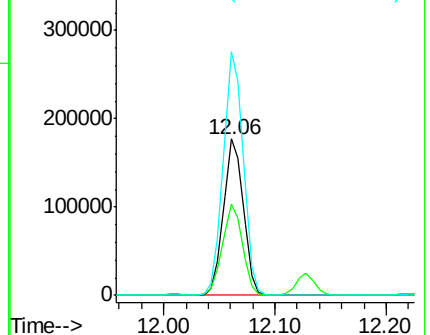
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 15.721 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016895.D

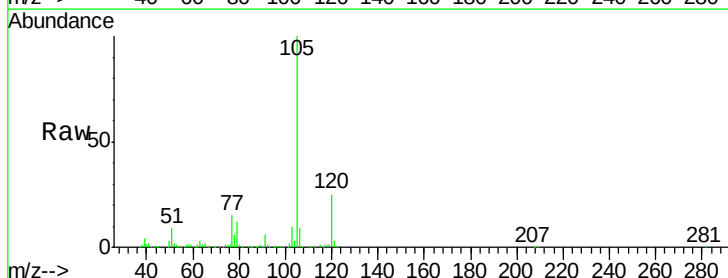
Acq: 19 Jun 2020 21:10

Tgt Ion:105 Resp: 221079

Ion Ratio Lower Upper

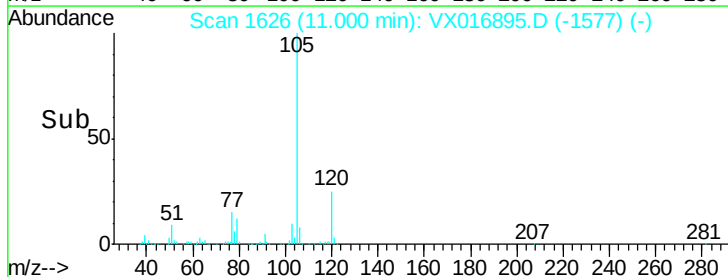
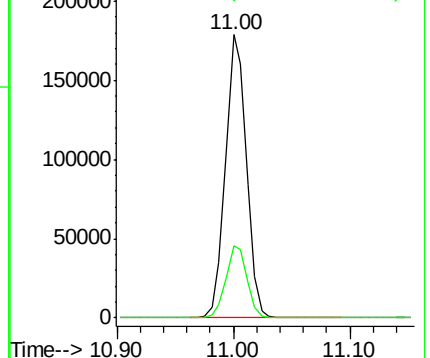
105 100

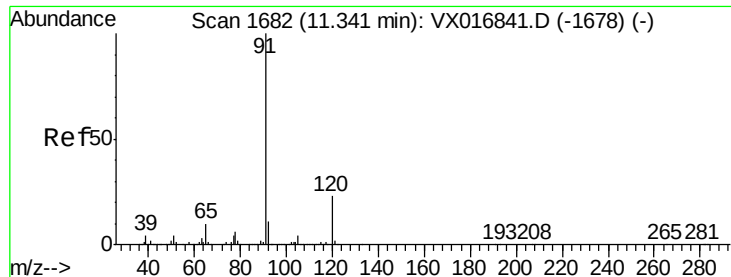
120 25.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 23.902 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016895.D

Acq: 19 Jun 2020 21:10

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

Tot Ion: 91 Resp: 375113

Ion Ratio Lower Upper

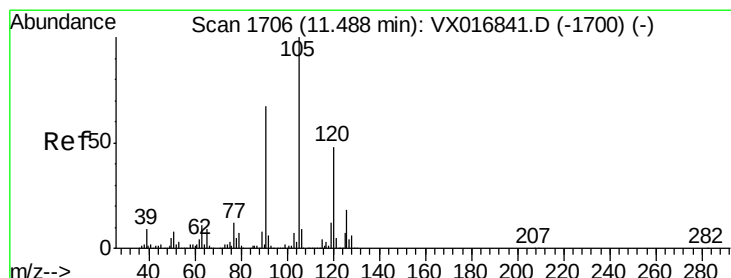
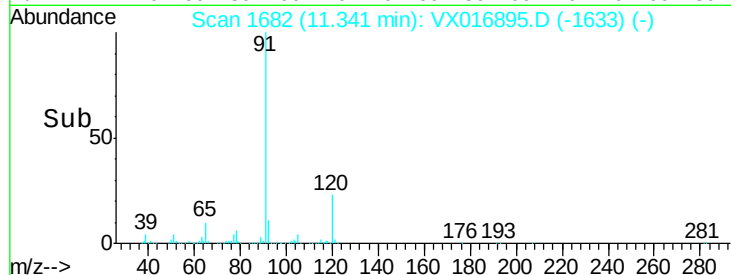
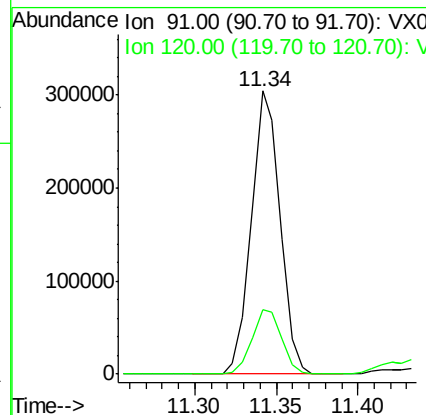
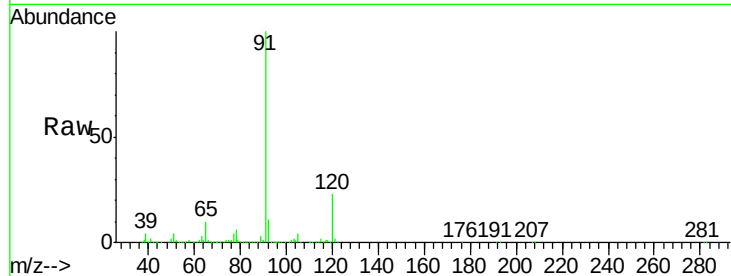
91 100

120 23.4 11.9 35.5

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#80

1,3,5-Trimethylbenzene

Concen: 5.991 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016895.D

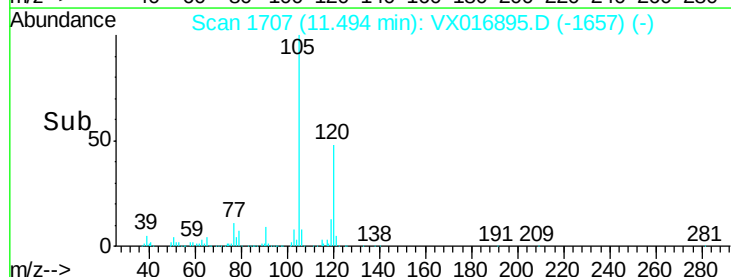
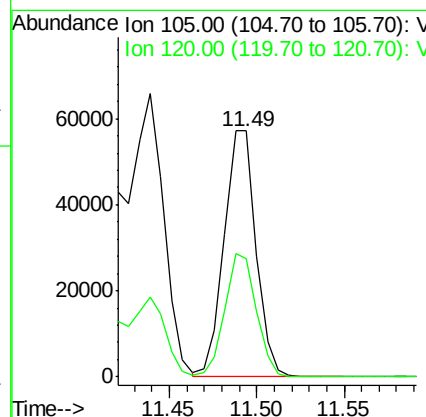
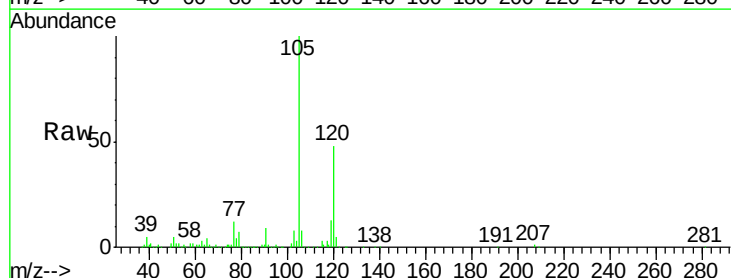
Acq: 19 Jun 2020 21:10

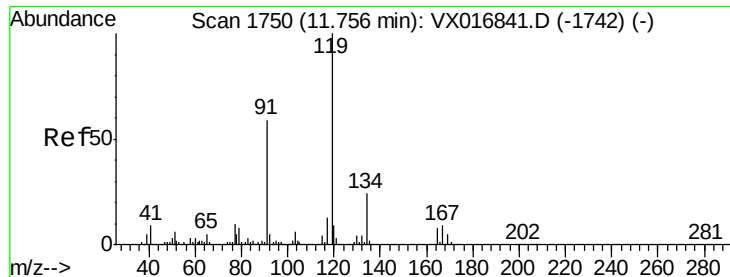
Tgt Ion:105 Resp: 72689

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0





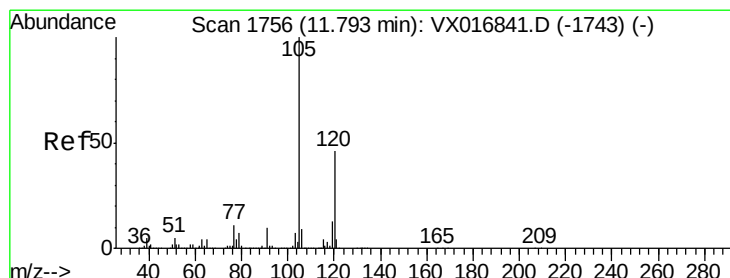
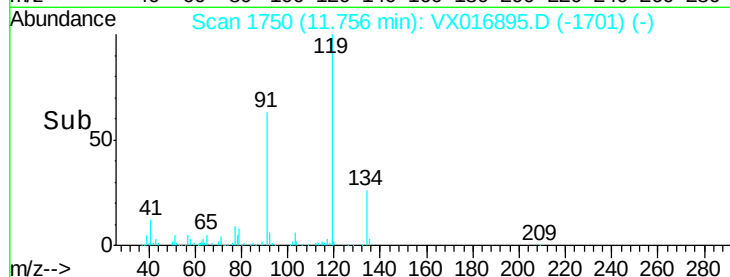
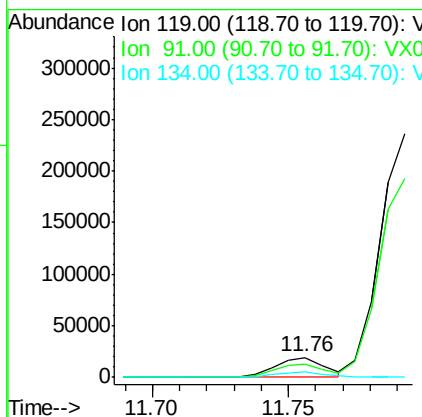
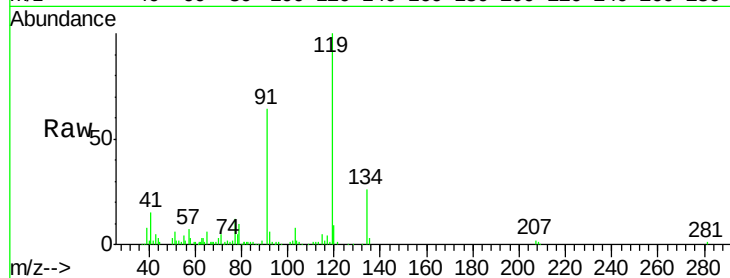
#83
tert-Butylbenzene
Concen: 1.966 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Instrument :
MSVOA_X
ClientSampled :
MW-4DL

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	28.5	85.5
134	26.4	11.7	35.1

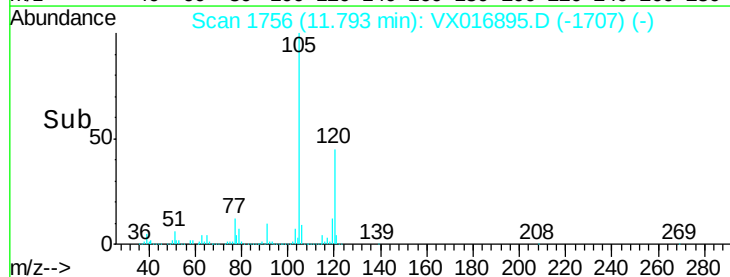
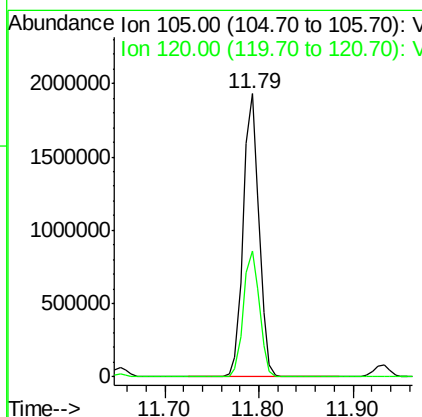
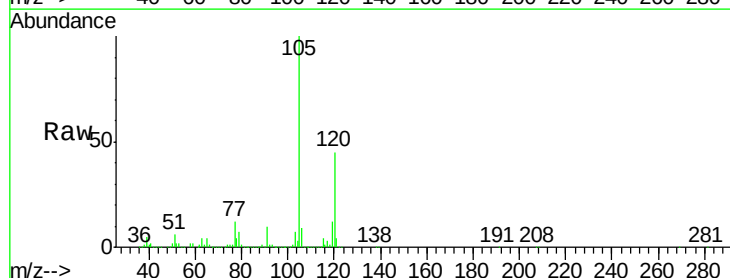
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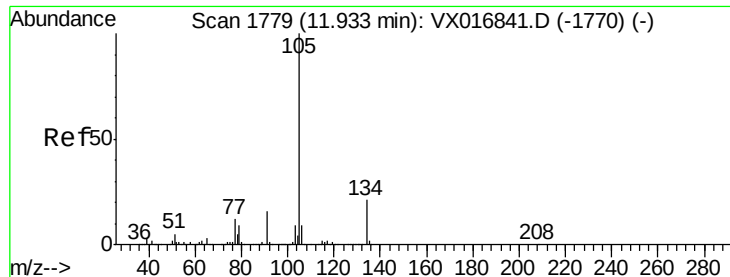
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#84
1,2,4-Trimethylbenzene
Concen: 178.272 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.3	66.9





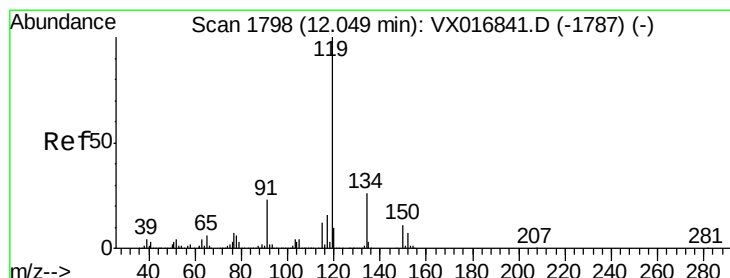
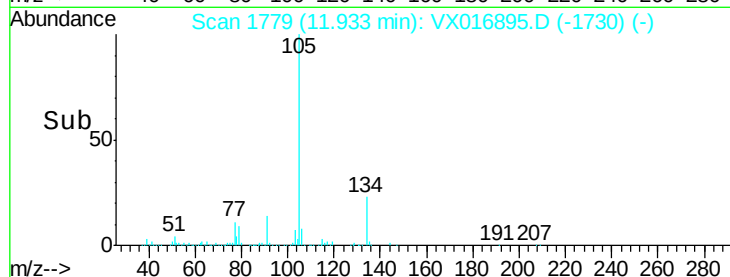
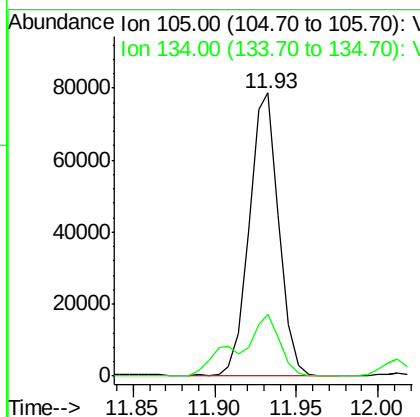
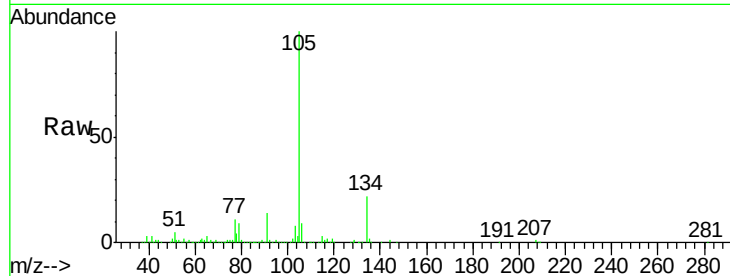
#85
 sec-Butylbenzene
 Concen: 7.107 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016895.D
 Acq: 19 Jun 2020 21:10

Instrument :
 MSVOA_X
 ClientSampled :
 MW-4DL

Tot Ion	Ratio	Lower	Upper
105	100		
134	30.9	10.4	31.2

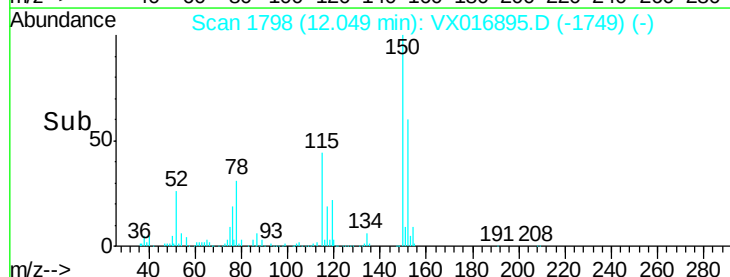
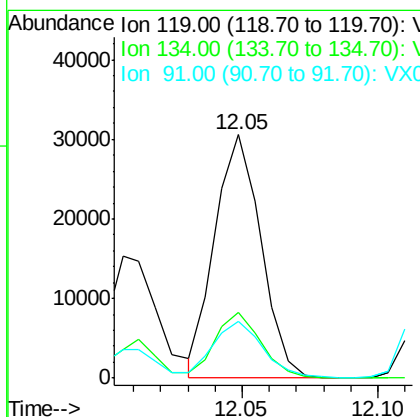
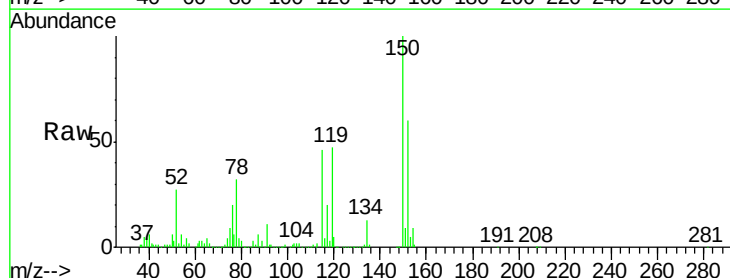
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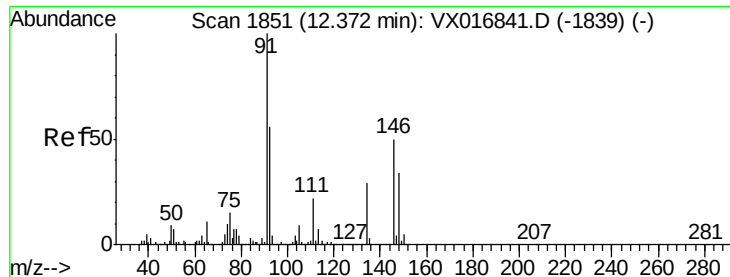
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#86
 p-Isopropyltoluene
 Concen: 2.814 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016895.D
 Acq: 19 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	12.9	38.7
91	24.4	11.6	34.8





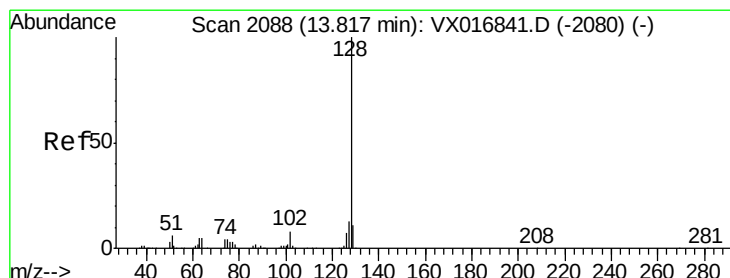
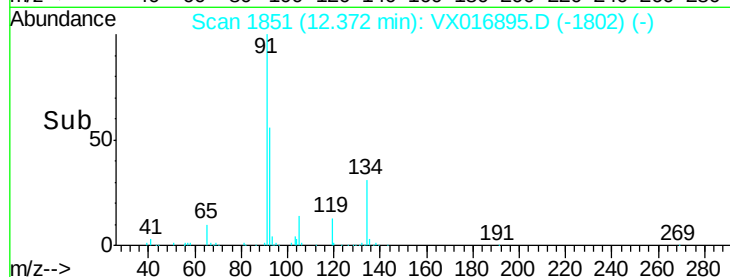
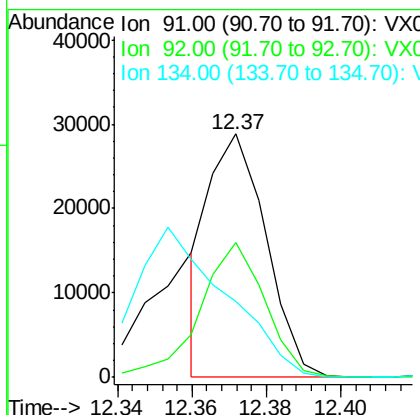
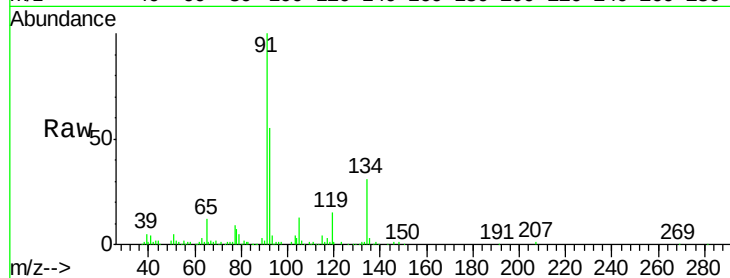
#89
n-Butylbenzene
Concen: 2.826 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Instrument :
MSVOA_X
ClientSampled :
MW-4DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	63.3	27.4	82.2
134	97.6	13.9	41.6#

Manual Integrations
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#95
Naphthalene
Concen: 7.954 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016895.D
Acq: 19 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.3	8.6	13.0

