

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016385.D
 Acq On : 21 May 2020 15:49
 Operator : JC/SP
 Sample : L2684-03 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 4:03:01 PM

Quant Time: May 22 09:30:21 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	221617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	365678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	127124	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	
35) Dibromofluoromethane	5.46	113	109497	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.70	98	449273	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.12	95	192697	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.54	56	44181	10.905	ug/l	99
39) Methylcyclohexane	7.44	83	25057	5.782	ug/l	96
52) Toluene	8.77	92	6949	1.059	ug/l	98
67) Ethyl Benzene	10.24	91	539259	39.472	ug/l	99
68) m/p-Xylenes	10.34	106	638496	124.741	ug/l	99
69) o-Xylene	10.68	106	101001	20.528	ug/l	100
73) Isopropylbenzene	11.01	105	143359	9.768	ug/l	99
78) n-propylbenzene	11.35	91	473544	27.735	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	348898	28.156	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1600122	127.723	ug/l	100
85) sec-Butylbenzene	11.93	105	23029m	1.597	ug/l	
86) p-Isopropyltoluene	12.05	119	6817m	0.509	ug/l	
89) n-Butylbenzene	12.37	91	35300	2.886	ug/l #	32
95) Naphthalene	13.82	128	163503	10.413	ug/l	100

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

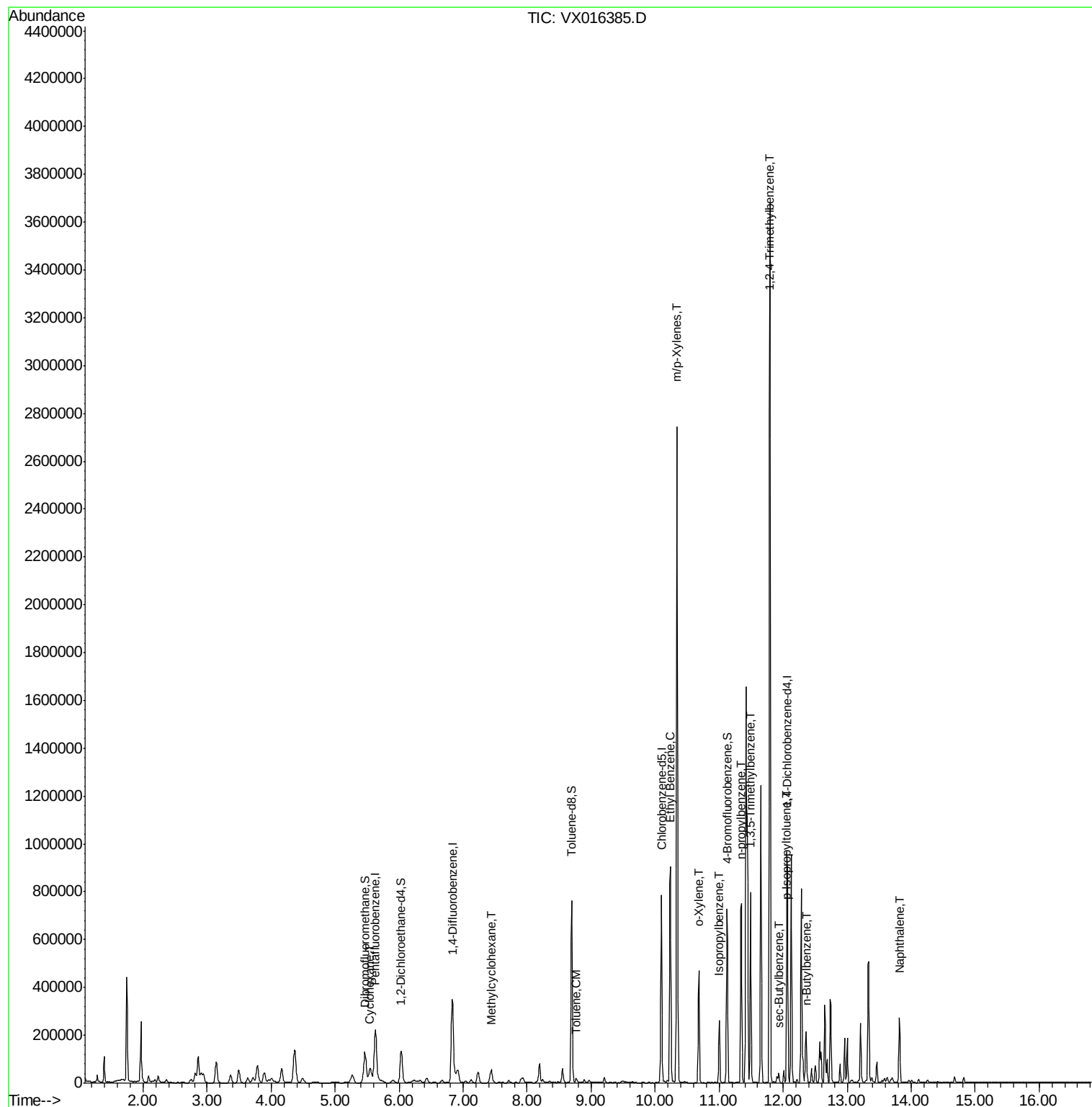
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

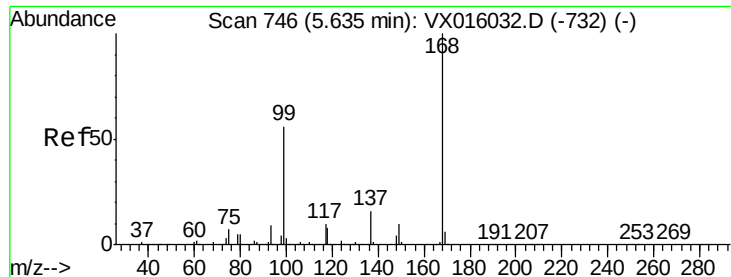
Instrument :
MSVOA_X
ClientSampleId :
MW-1

Manual Integrations
APPROVED

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5/22/2020 4:03:01 PM

Quant Time: May 22 09:30:21 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: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion:168 Resp: 221617

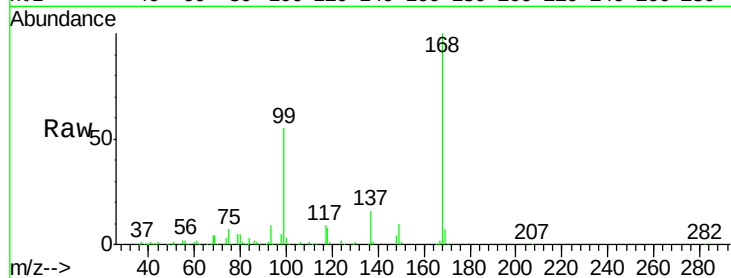
Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.4

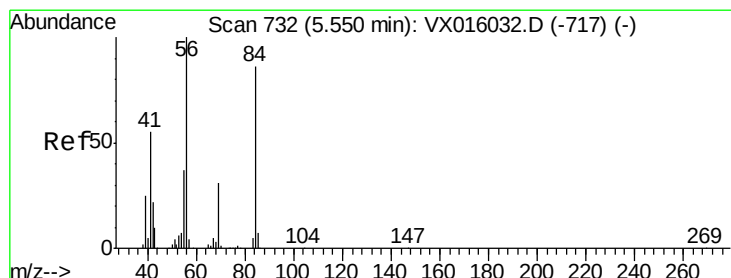
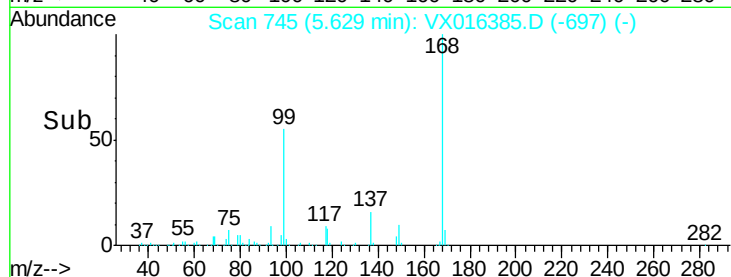
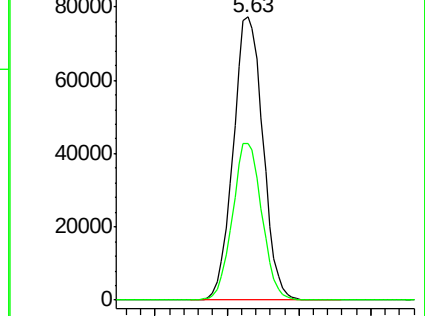
Manual Integrations
APPROVED

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 10.905 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

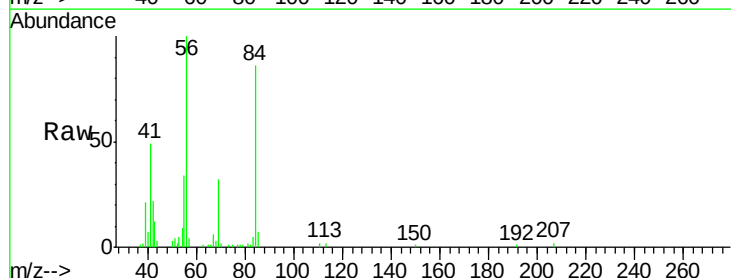
Tgt Ion: 56 Resp: 44181

Ion Ratio Lower Upper

56 100

69 29.5 25.0 37.6

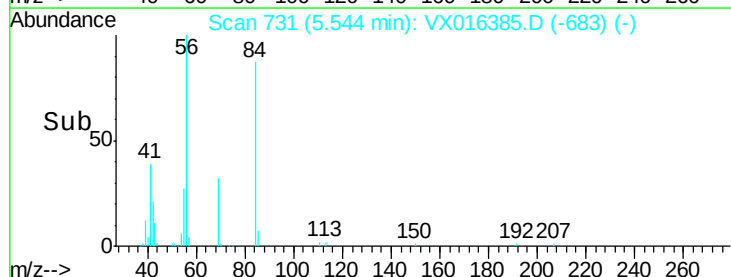
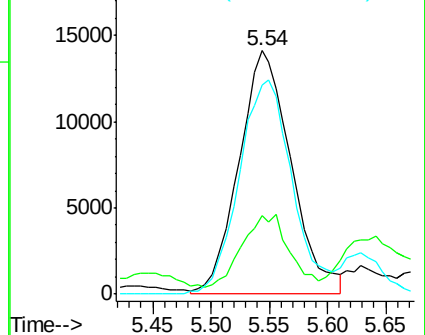
84 86.1 69.0 103.6

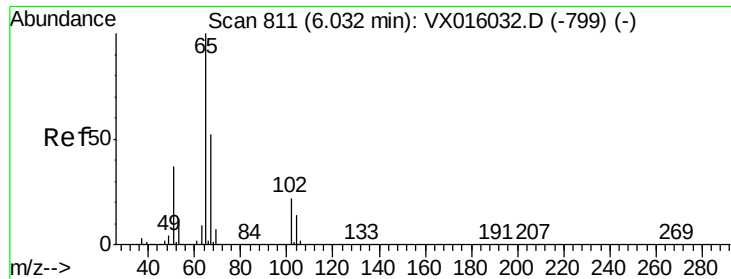


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





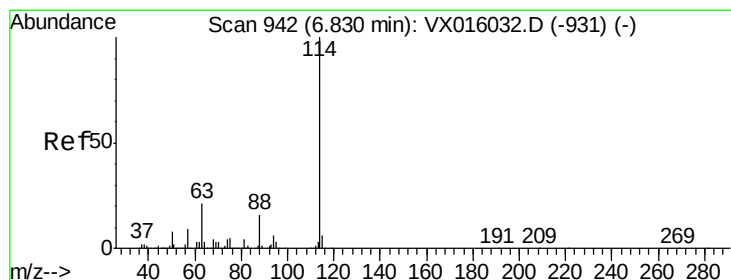
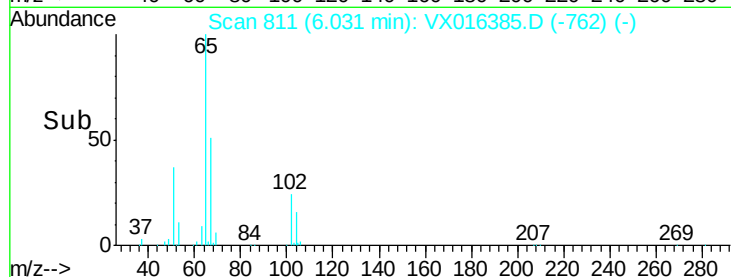
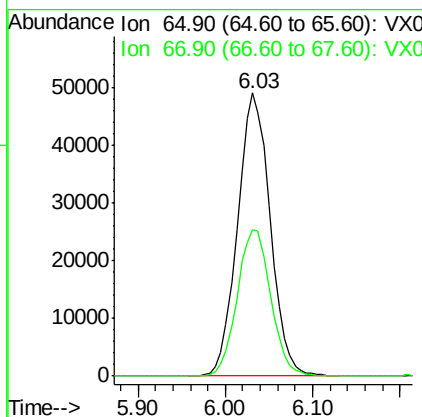
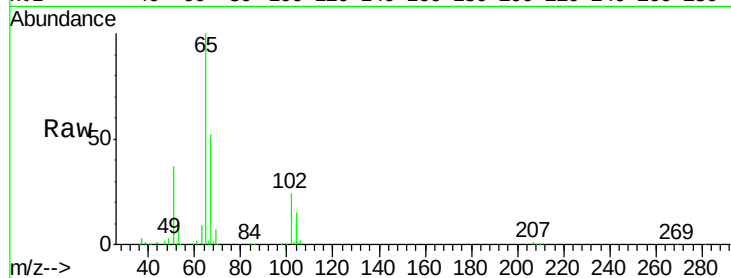
#33
 1,2-Dichloroethane-d4
 Concen: 43.592 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016385.D
 Acq: 21 May 2020 15:49

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	104.8	

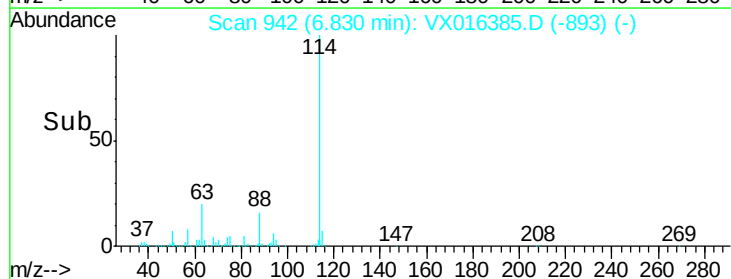
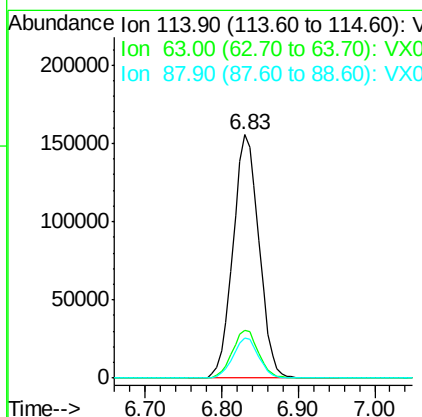
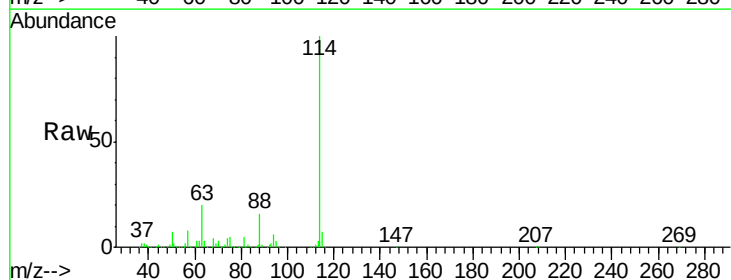
Manual Integrations
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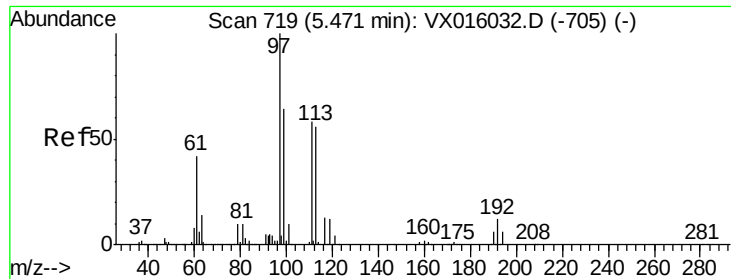
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016385.D
 Acq: 21 May 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	42.8	
88	16.4	0.0	31.4	





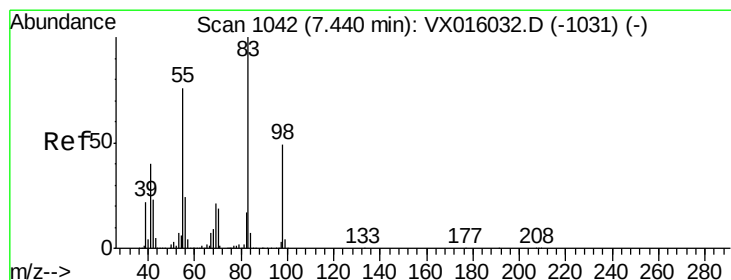
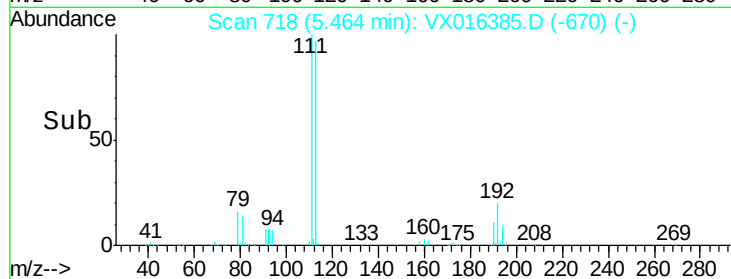
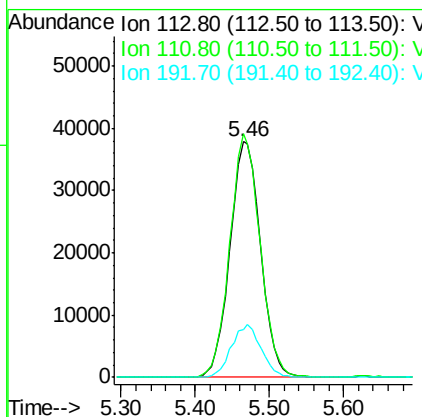
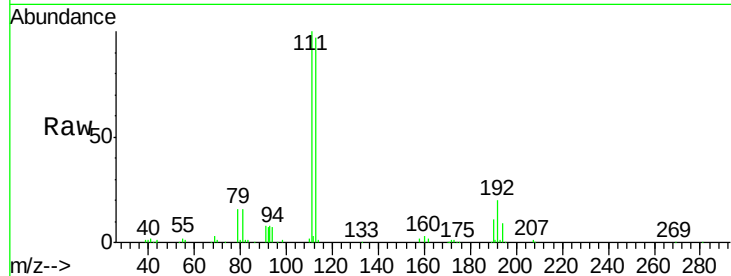
#35
Dibromofluoromethane
Concen: 47.279 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109497		
111	101.8	81.6	122.4	
192	21.7	17.0	25.4	

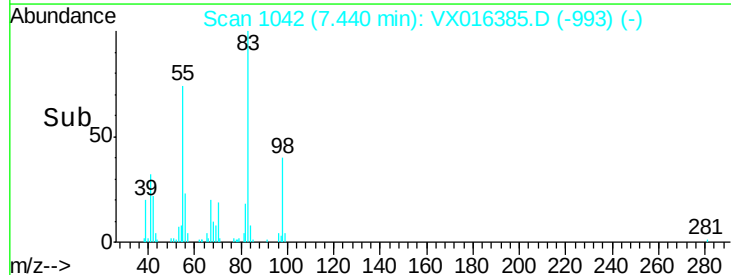
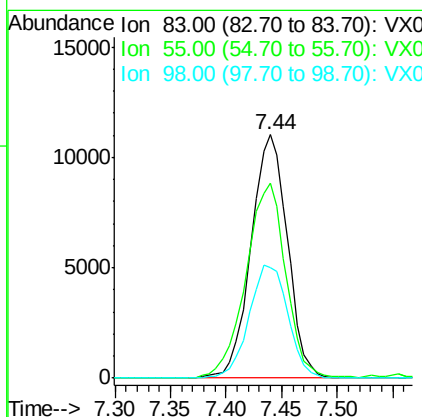
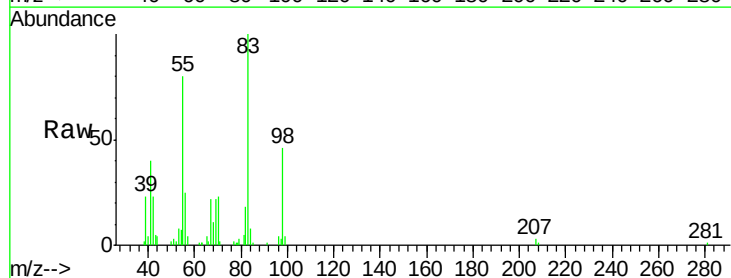
Manual Integrations
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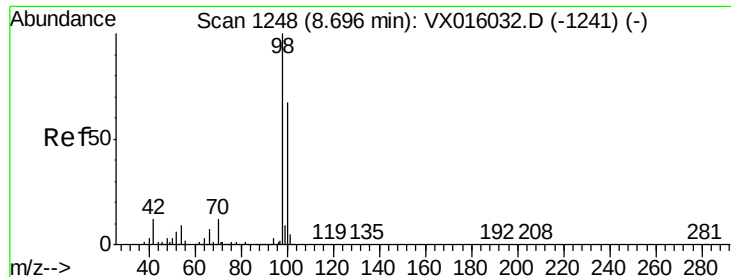
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#39
Methylcyclohexane
Concen: 5.782 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	25057		
55	79.8	61.1	91.7	
98	45.6	39.0	58.4	





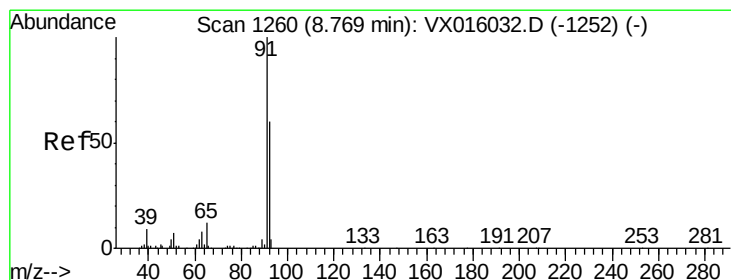
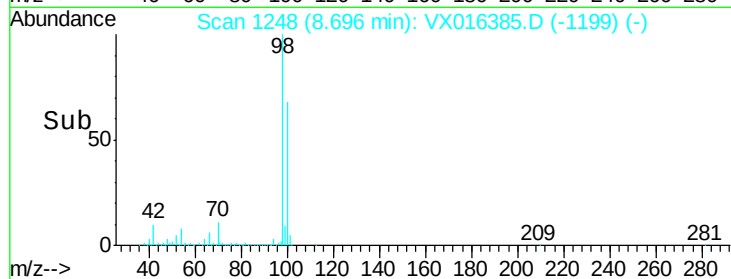
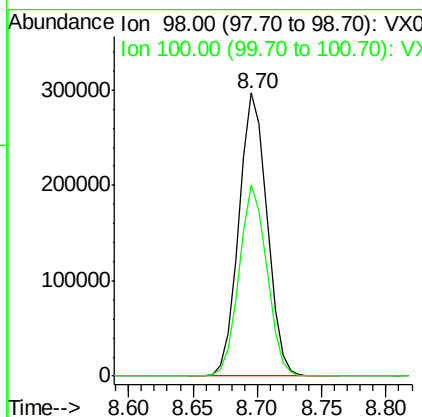
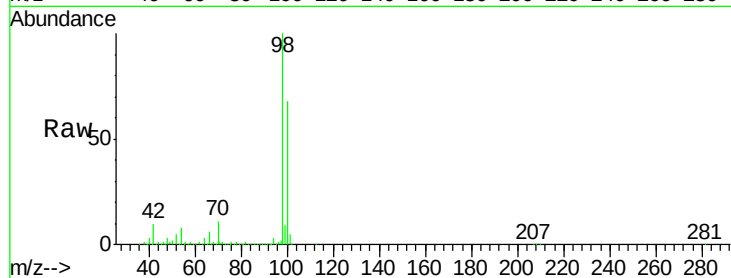
#50
Toluene-d8
Concen: 50.346 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion	98	Resp	449273
Ion Ratio	100	Lower	Upper
98	100	53.7	80.5
100	66.7		

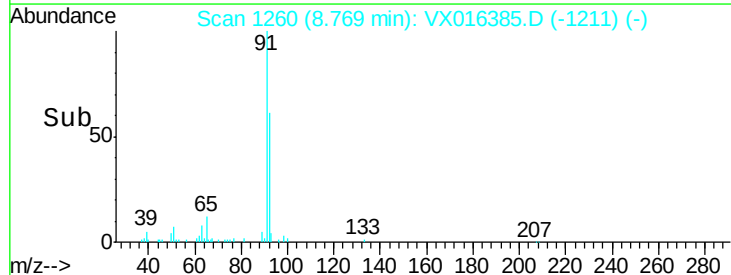
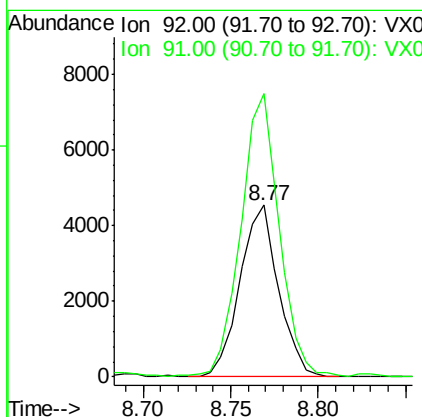
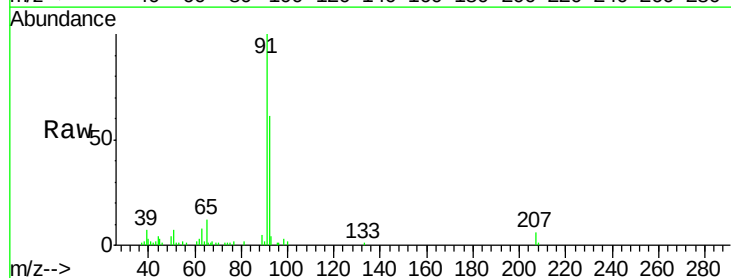
Manual Integrations
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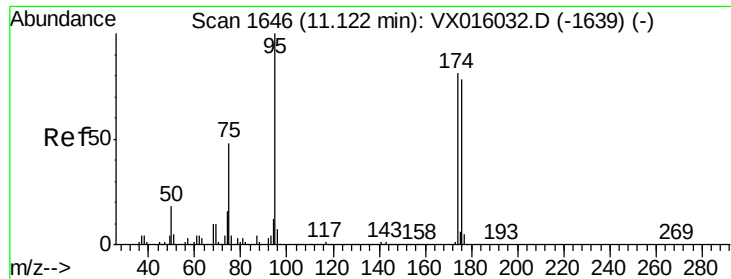
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#52
Toluene
Concen: 1.059 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Tgt Ion	92	Resp	6949
Ion Ratio	100	Lower	Upper
92	100	134.5	201.7
91	164.9		





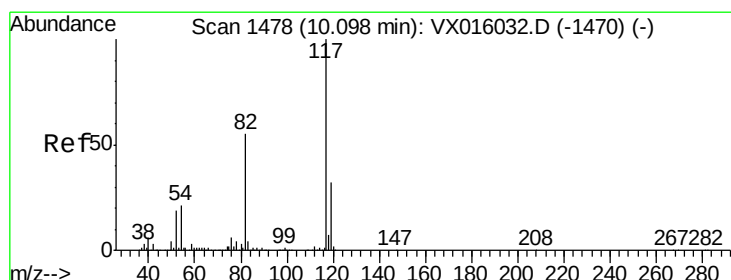
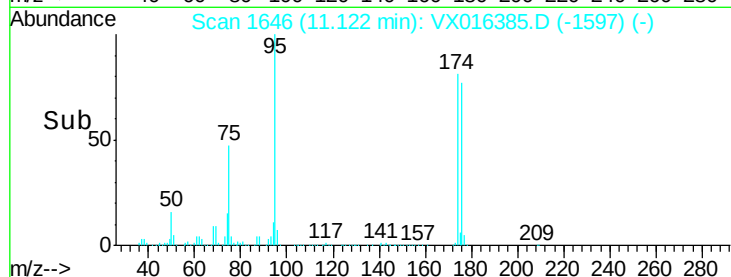
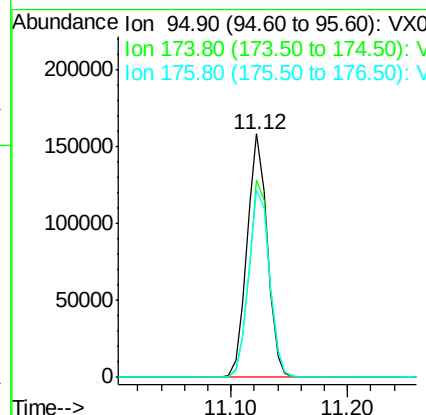
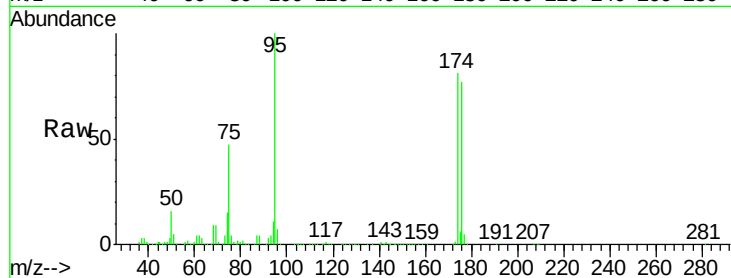
#62
4-Bromofluorobenzene
Concen: 56.774 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	192697		
174	81.9	0.0	159.4	
176	79.7	0.0	157.6	

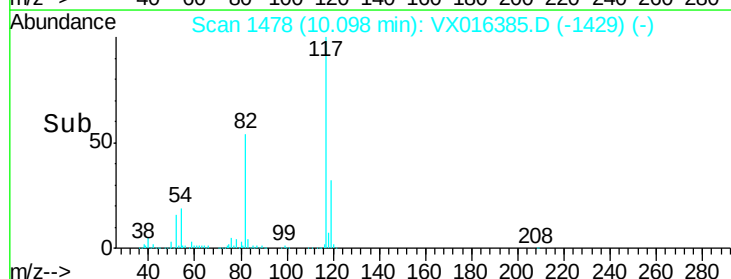
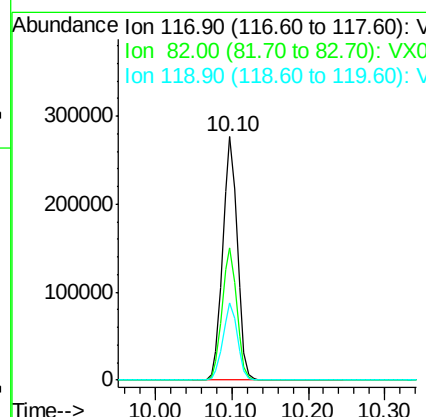
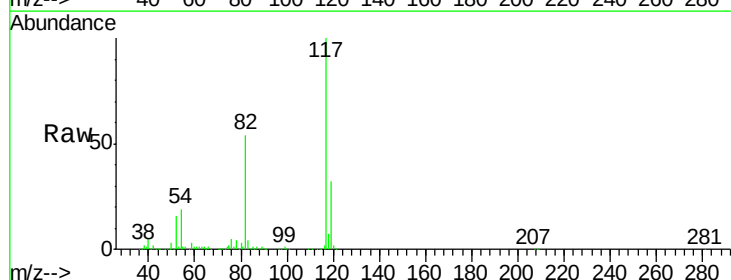
Manual Integrations
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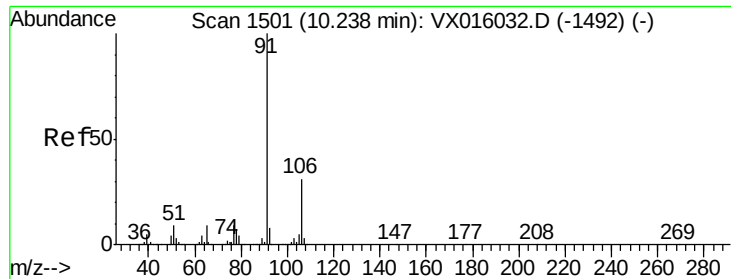
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5/22/2020 4:03:01 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	365678		
82	54.3	44.4	66.6	
119	31.8	25.5	38.3	





#67

Ethyl Benzene

Concen: 39.472 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion: 91 Resp: 539259

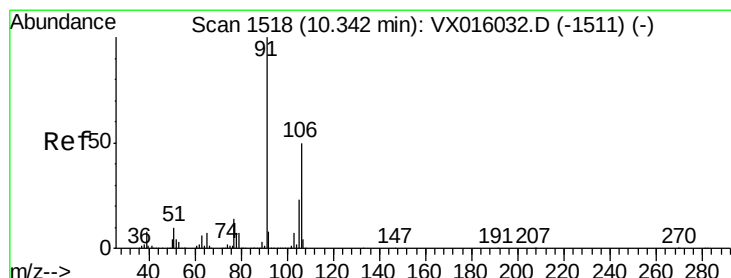
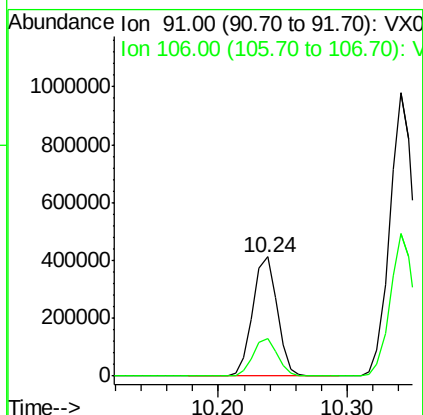
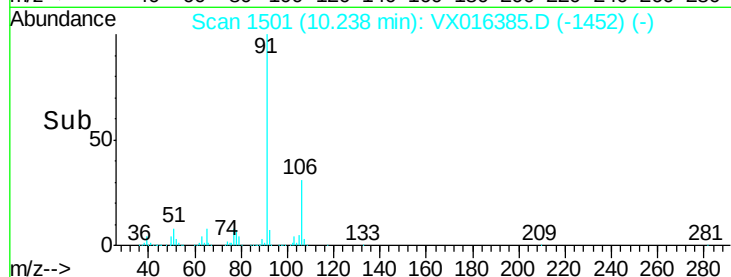
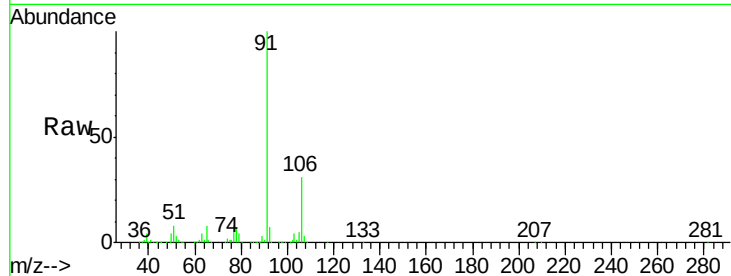
Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7

Manual Integrations
APPROVED

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5/22/2020 4:03:01 PM



#68

m/p-Xylenes

Concen: 124.741 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016385.D

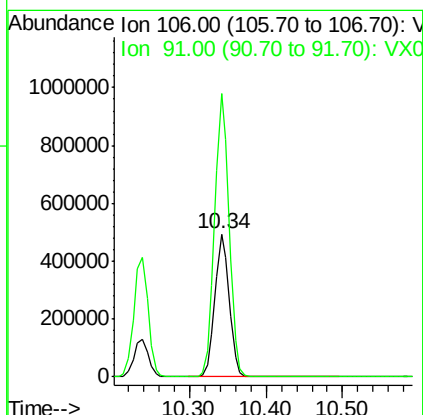
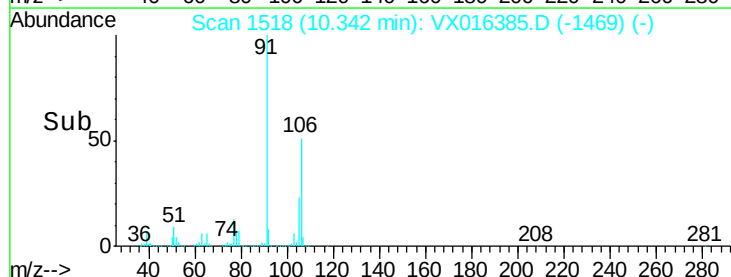
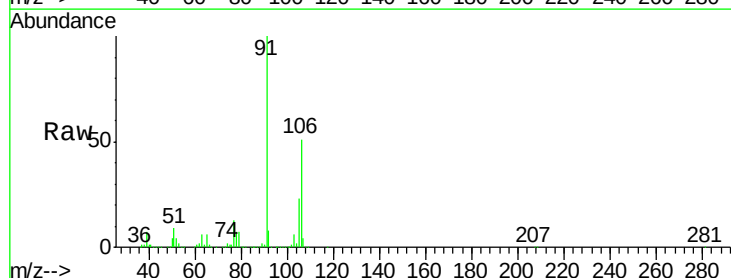
Acq: 21 May 2020 15:49

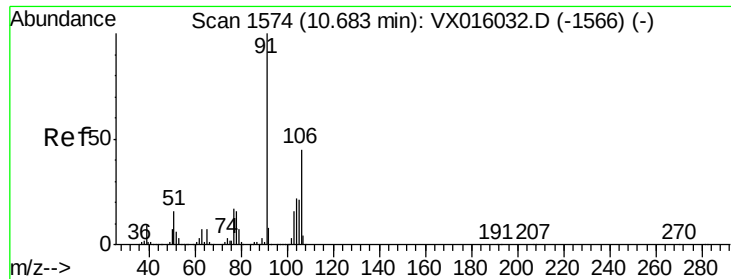
Tgt Ion: 106 Resp: 638496

Ion Ratio Lower Upper

106 100

91 200.5 161.7 242.5





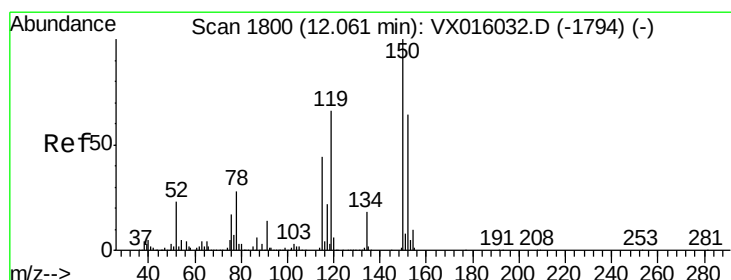
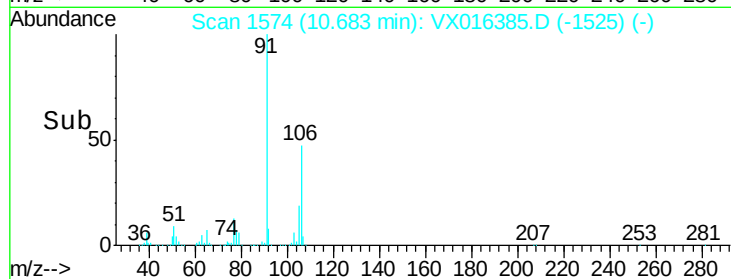
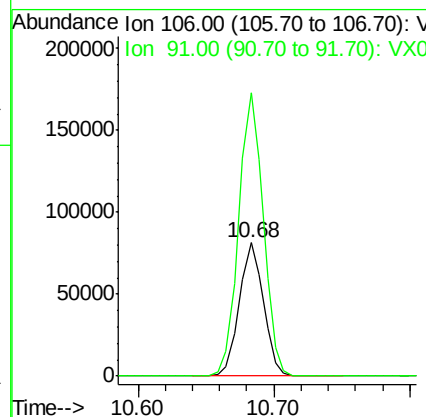
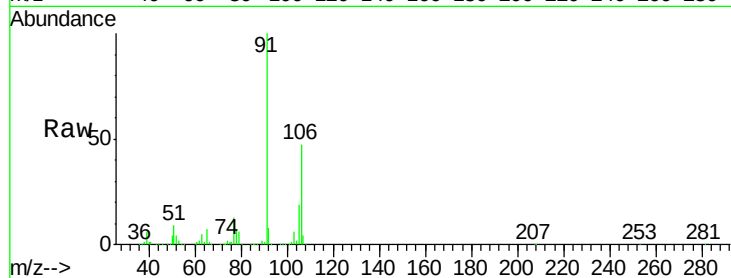
#69
o-Xylene
Concen: 20.528 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion	Ratio	Resp	Lower	Upper
106	100	101001		
91	215.5	107.5	322.6	

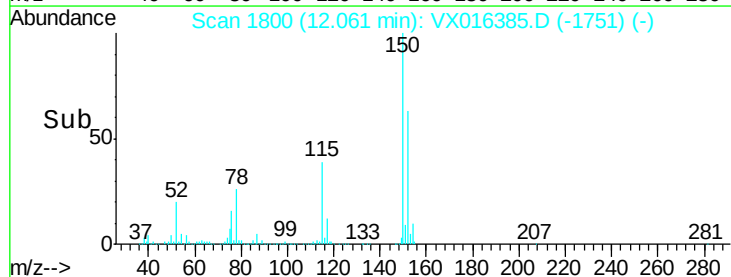
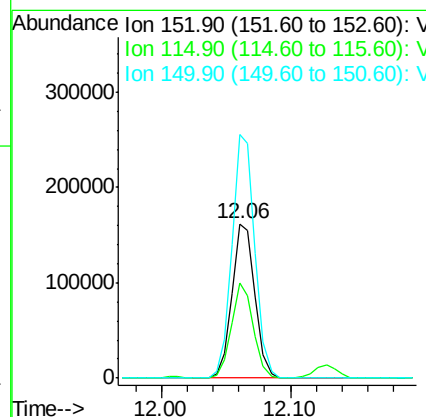
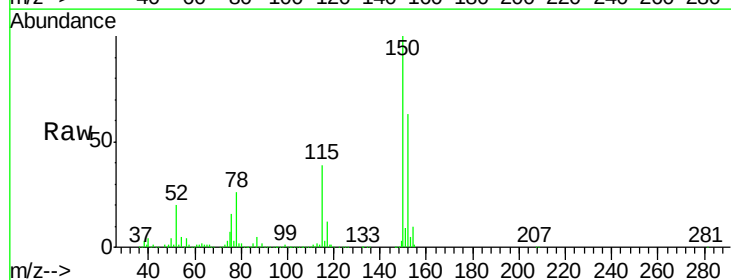
Manual Integrations
APPROVED

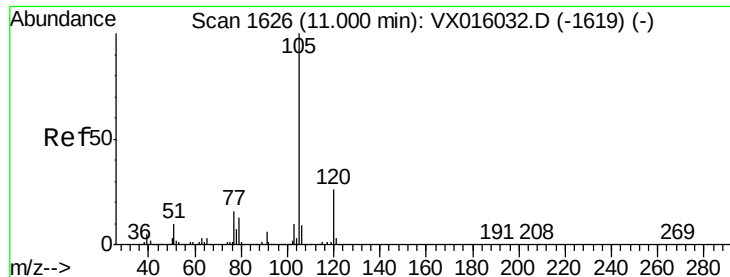
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5/22/2020 4:03:01 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016385.D
Acq: 21 May 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	201783		
115	58.6	41.3	124.1	
150	157.4	0.0	352.2	





#73

Isopropylbenzene

Concen: 9.768 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion: 105 Resp: 143359

Ion Ratio Lower Upper

105 100

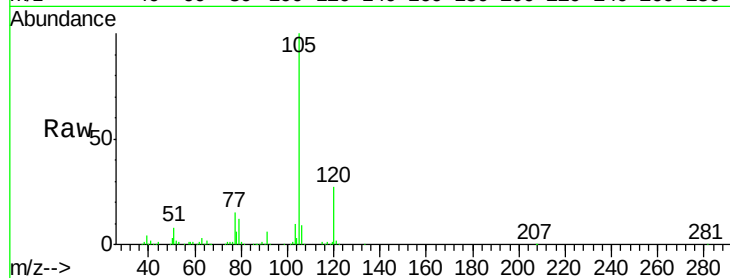
120 26.4

13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

120000

100000

80000

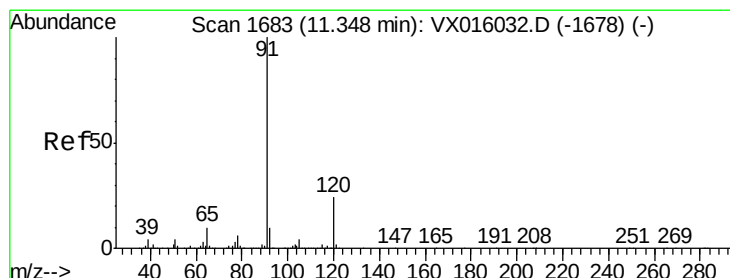
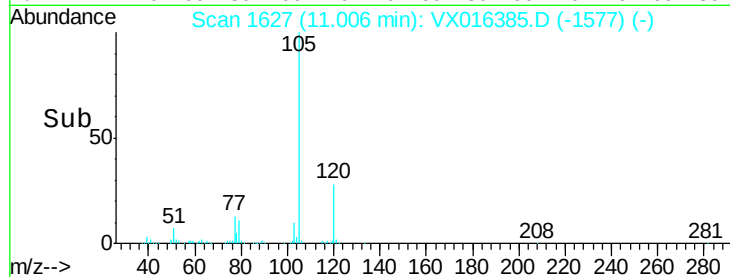
60000

40000

20000

0

Time-->



#78

n-propylbenzene

Concen: 27.735 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

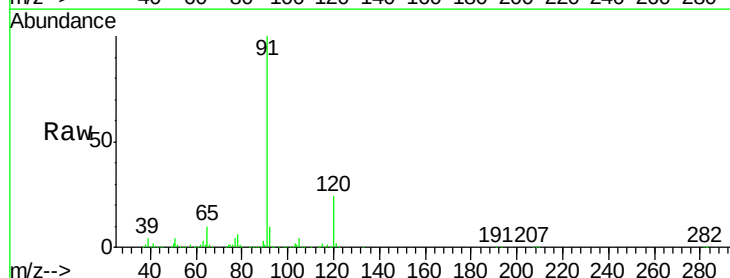
Tgt Ion: 91 Resp: 473544

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

11.35

400000

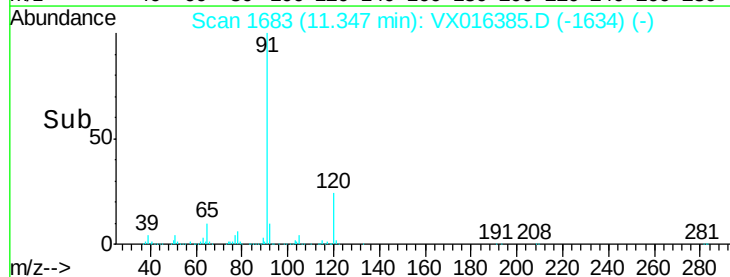
300000

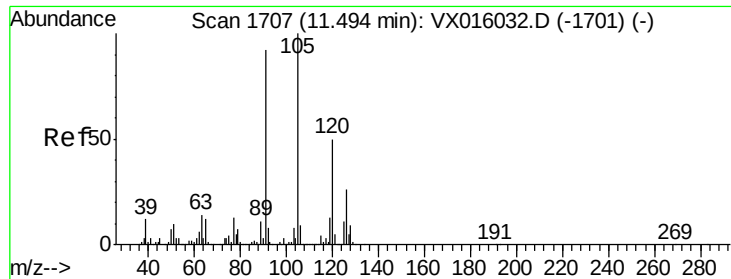
200000

100000

0

Time-->





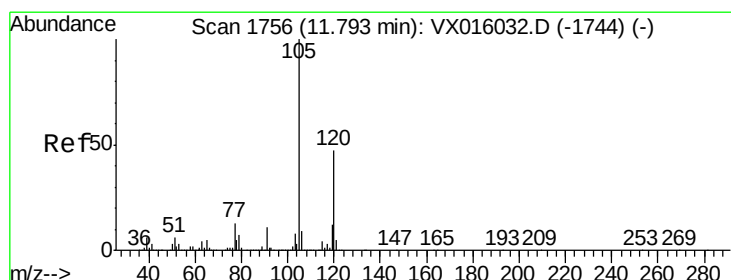
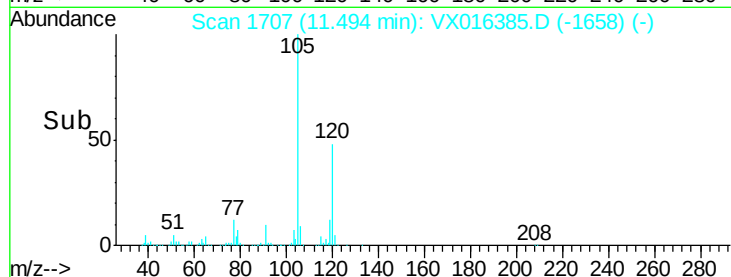
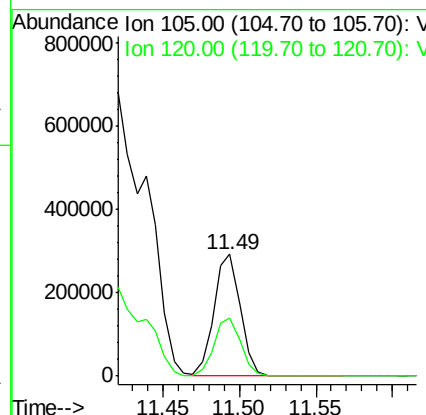
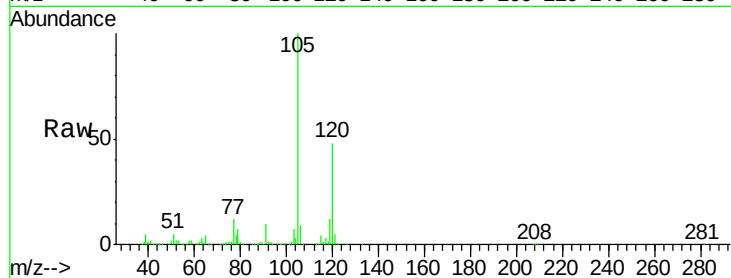
#80
 1,3,5-Trimethylbenzene
 Concen: 28.156 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016385.D
 Acq: 21 May 2020 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.6	74.0

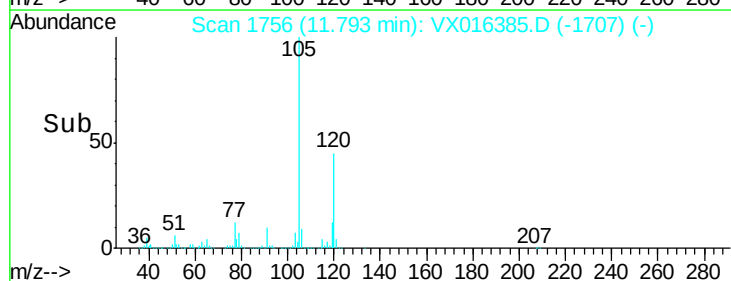
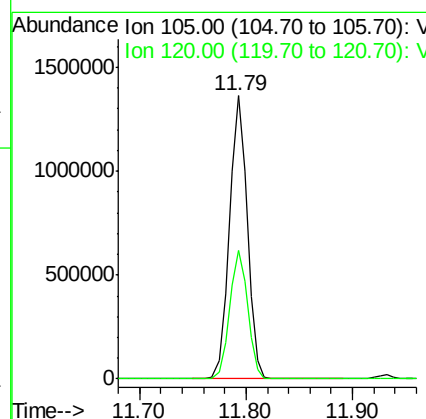
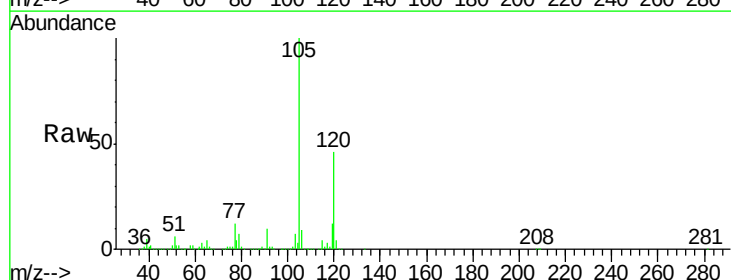
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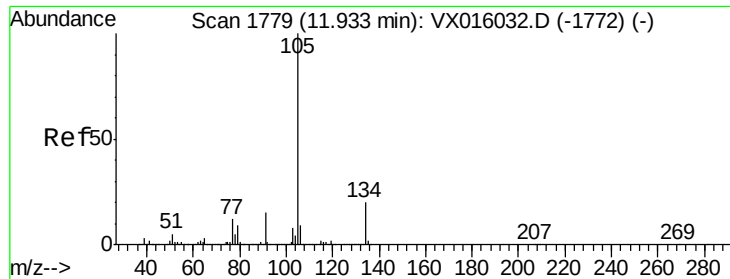
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#84
 1,2,4-Trimethylbenzene
 Concen: 127.723 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016385.D
 Acq: 21 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.0	69.0





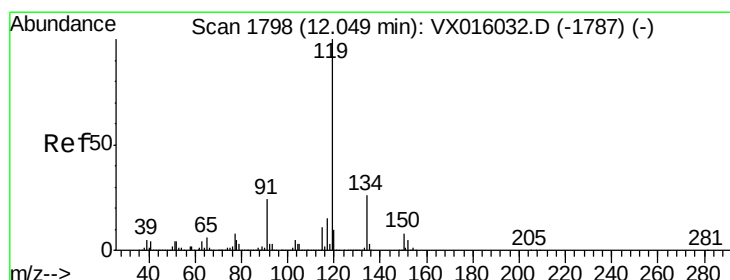
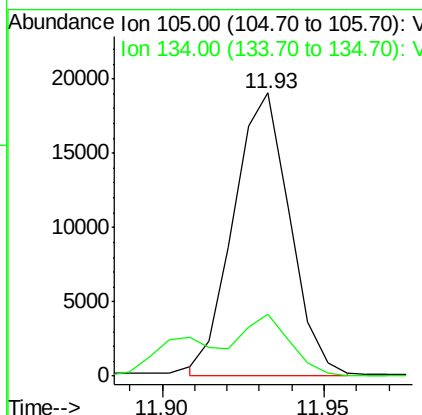
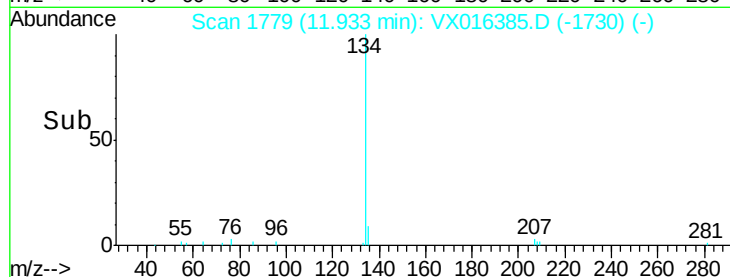
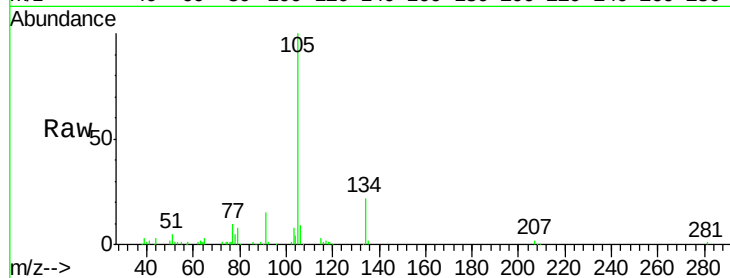
#85
 sec-Butylbenzene
 Concen: 1.597 ug/l m
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016385.D
 Acq: 21 May 2020 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.3#

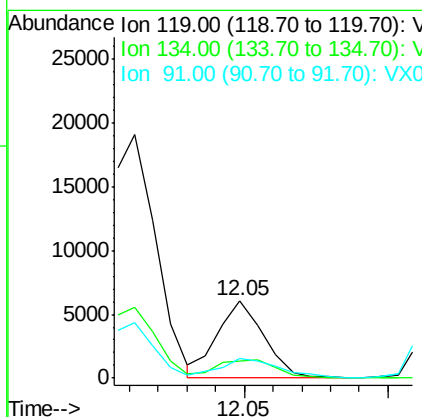
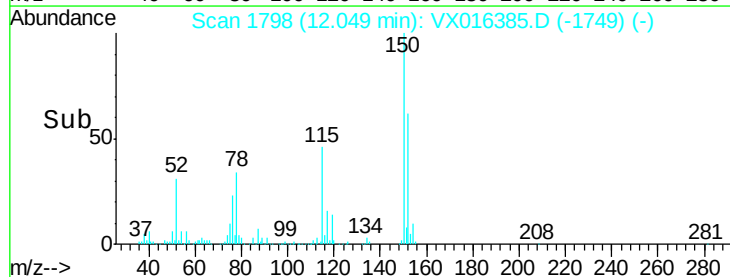
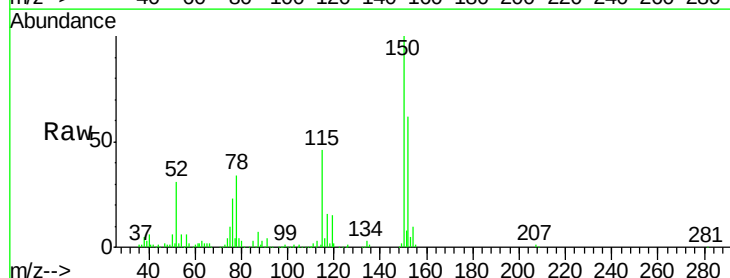
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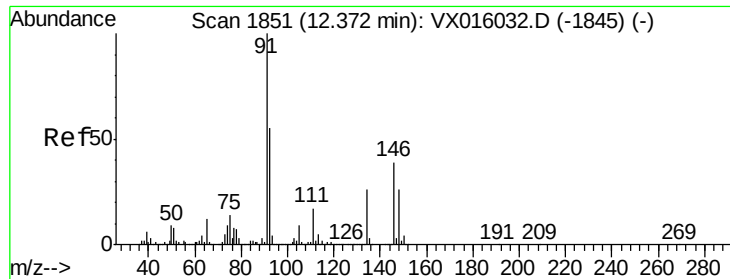
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#86
 p-Isopropyltoluene
 Concen: 0.509 ug/l m
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016385.D
 Acq: 21 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	97.9	13.1	39.3#
91	76.9	11.8	35.4#





#89

n-Butylbenzene

Concen: 2.886 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Instrument :

MSVOA_X

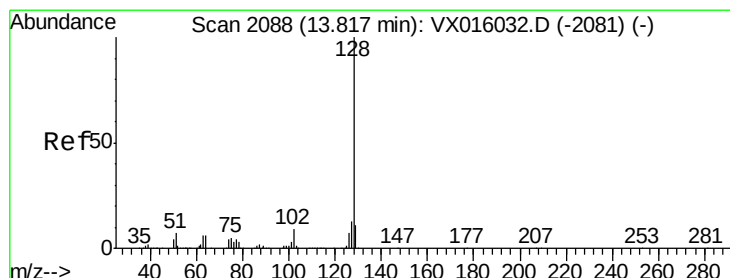
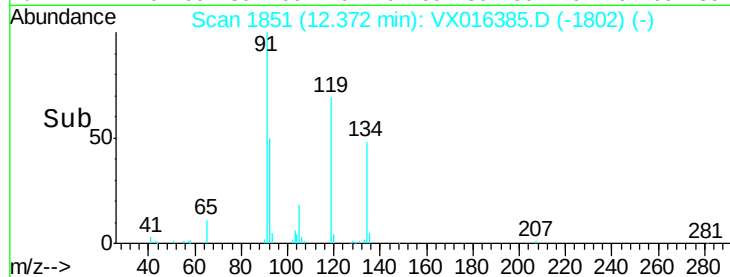
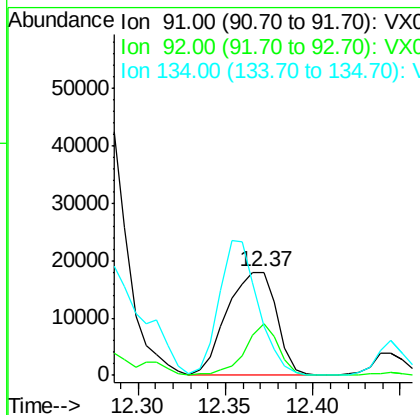
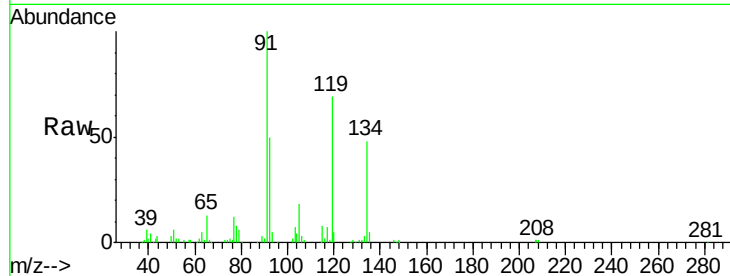
ClientSampled :

MW-1

Tot Ion:	91	Resp:	35300
Ion Ratio	Lower	Upper	
91	100		
92	34.1	27.6	82.7
134	103.8	13.4	40.1#

Manual Integrations
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#95

Naphthalene

Concen: 10.413 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016385.D

Acq: 21 May 2020 15:49

Tgt Ion:	128	Resp:	163503
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

