

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052020\
 Data File : VX016368.D
 Acq On : 20 May 2020 18:15
 Operator : JC/SP
 Sample : L2684-03 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:15:22 PM

Quant Time: May 21 06:08:17 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	242160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	407485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	142484	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
35) Dibromofluoromethane	5.47	113	118029	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
50) Toluene-d8	8.70	98	489673	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.12	95	200806	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.56	56	10750	2.428	ug/l #	94
39) Methylcyclohexane	7.44	83	5096	1.055	ug/l	89
67) Ethyl Benzene	10.24	91	131558	8.900	ug/l	98
68) m/p-Xylenes	10.34	106	151028	27.270	ug/l	100
69) o-Xylene	10.68	106	23166	4.352	ug/l	99
73) Isopropylbenzene	11.01	105	31429	2.182	ug/l	99
78) n-propylbenzene	11.35	91	101760	6.073	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	70421	5.791	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	337009	27.412	ug/l	100
85) sec-Butylbenzene	11.93	105	4843m	0.342	ug/l	
89) n-Butylbenzene	12.37	91	6182	0.515	ug/l #	34
95) Naphthalene	13.82	128	33969	2.205	ug/l	99

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

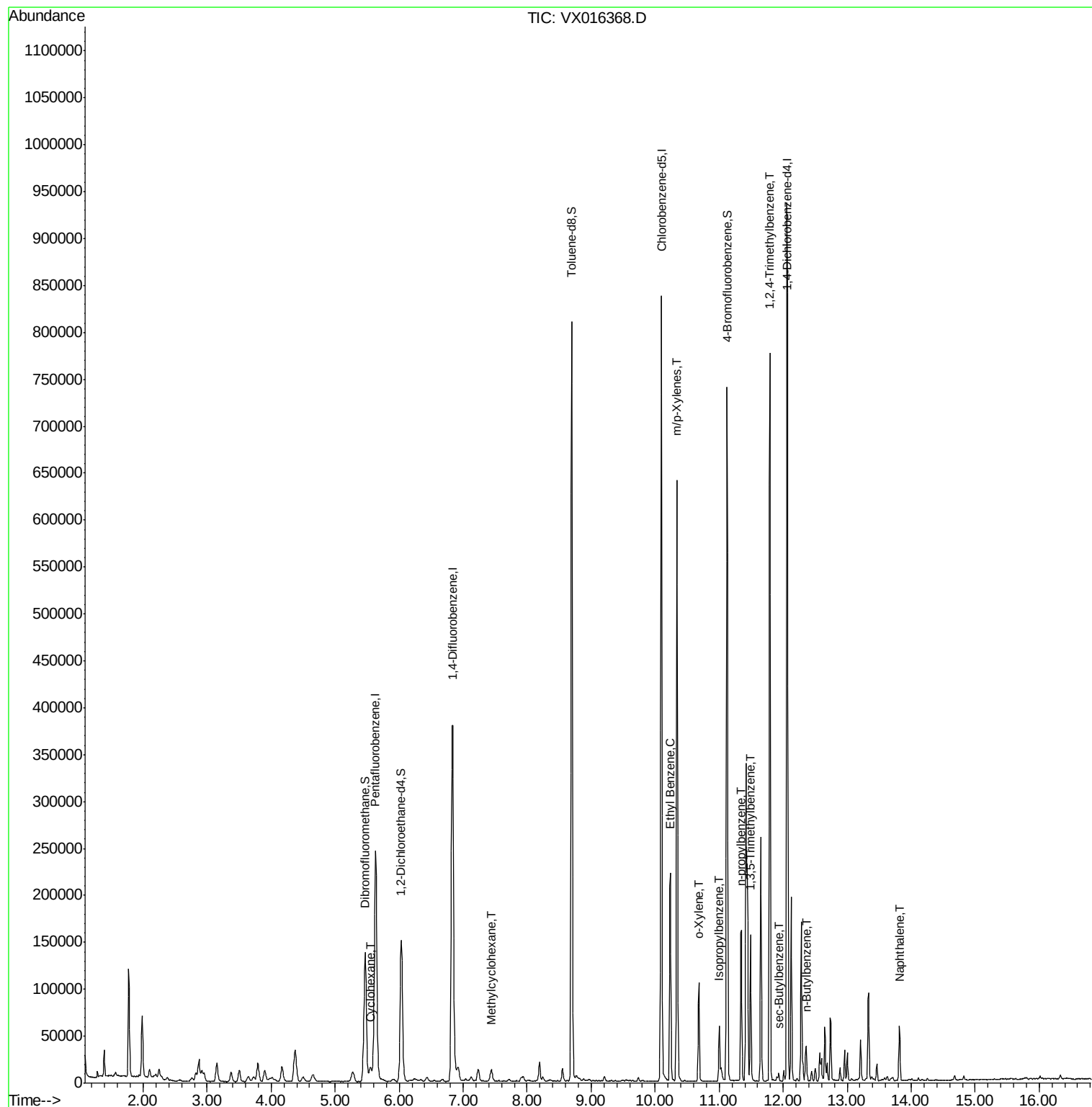
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052020\
Data File : VX016368.D
Acq On : 20 May 2020 18:15
Operator : JC/SP
Sample : L2684-03 40X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

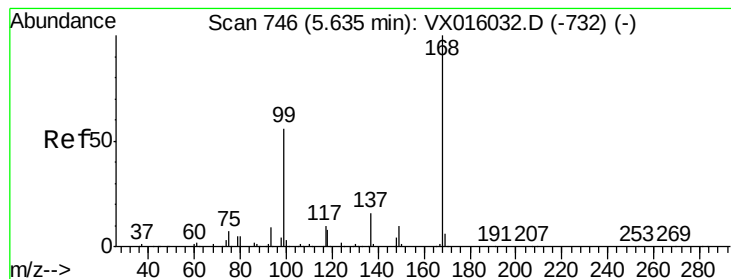
Instrument :
MSVOA_X
ClientSampled :
MW-1

Manual Integrations
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Quant Time: May 21 06:08:17 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

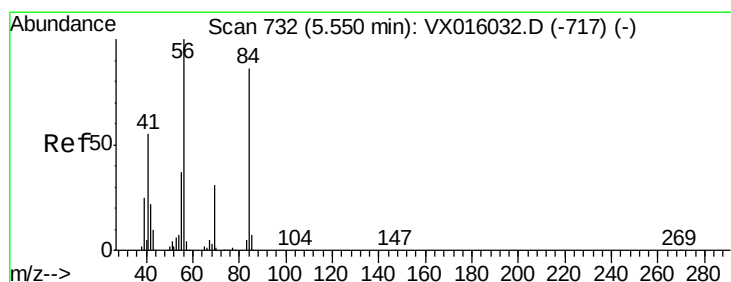
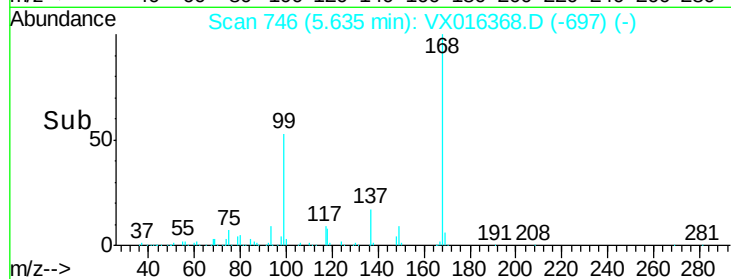
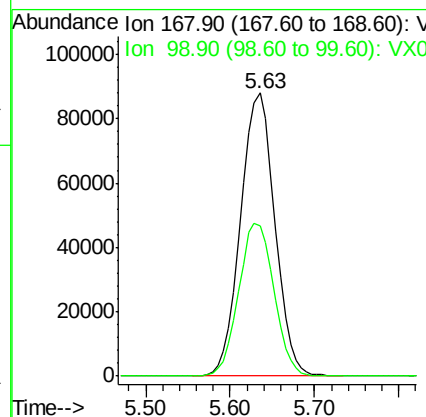
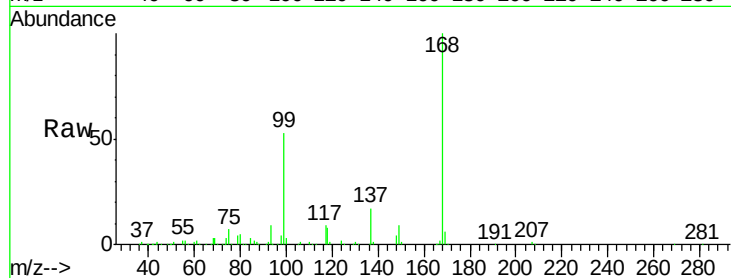
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VX016368.D
 Acq: 20 May 2020 18:15

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

Tot Ion	Ratio	Resp	Lower	Upper
168	100	242160		
99	53.2	45.0	67.4	

Manual Integrations
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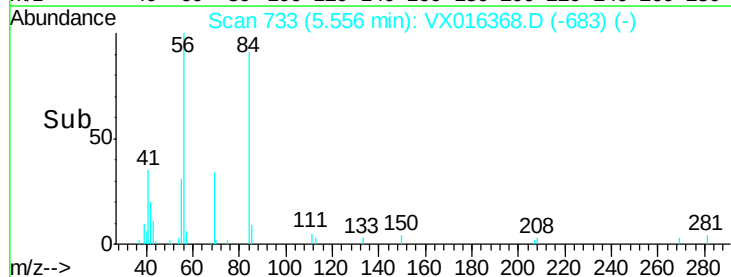
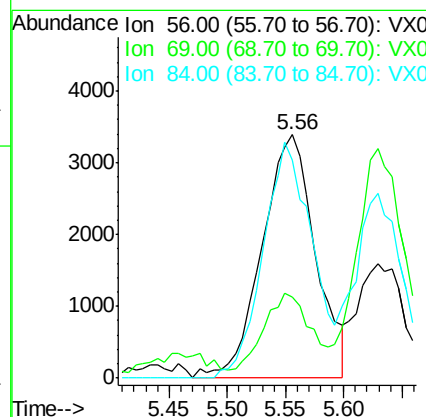
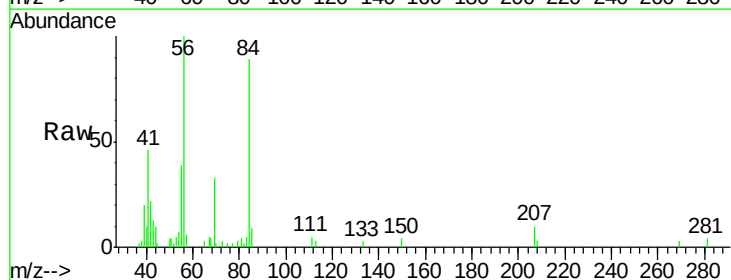
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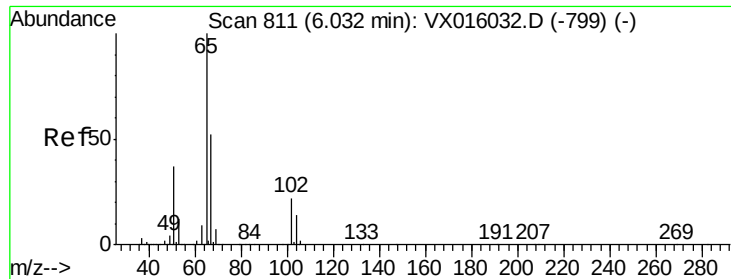


#31

Cyclohexane
 Concen: 2.428 ug/l
 RT: 5.56 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: VX016368.D
 Acq: 20 May 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	10750		
69	24.2	25.0	37.6#	
84	89.4	69.0	103.6	





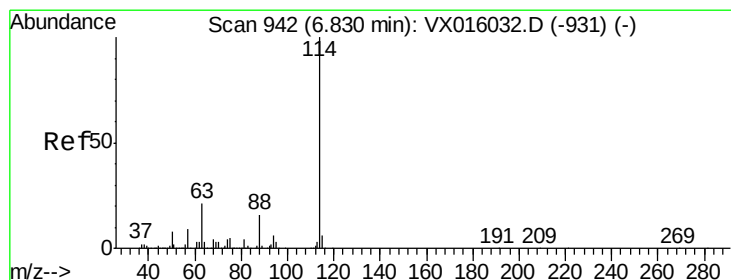
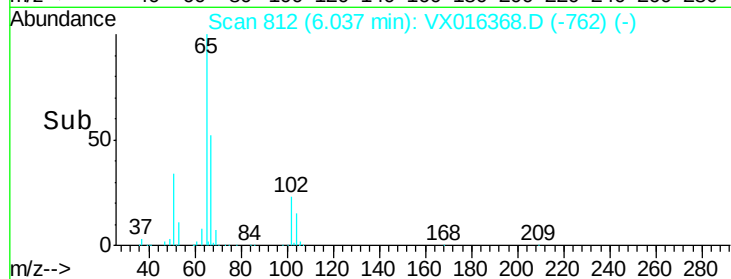
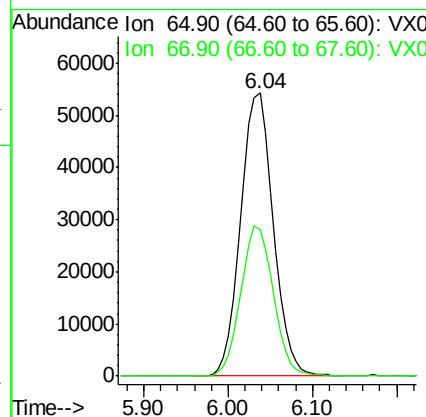
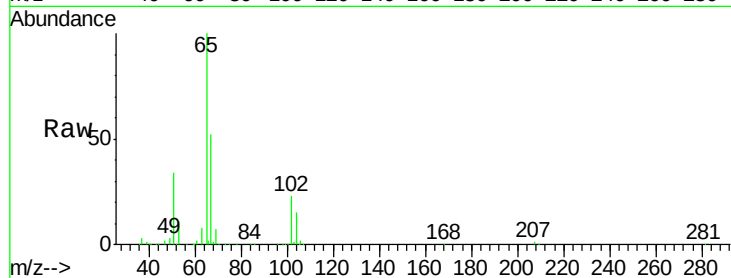
#33
 1,2-Dichloroethane-d4
 Concen: 44.714 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016368.D
 Acq: 20 May 2020 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.8

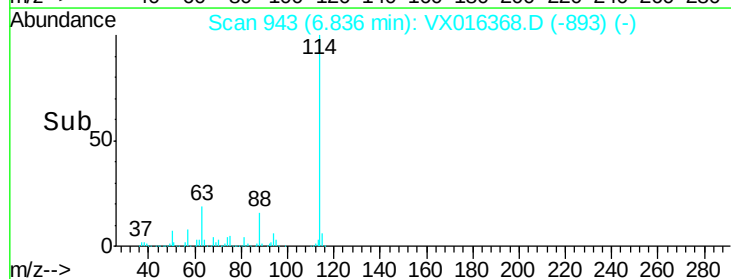
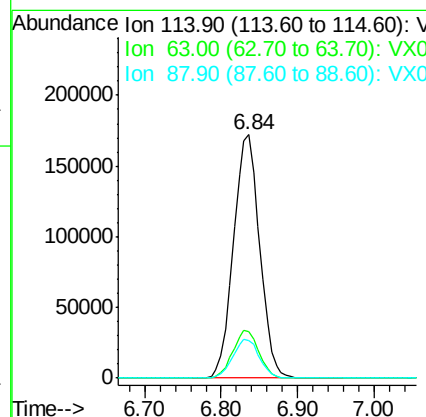
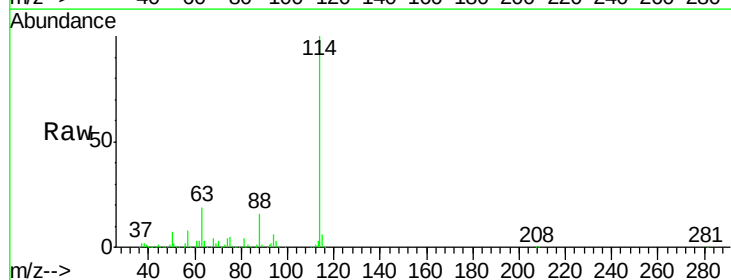
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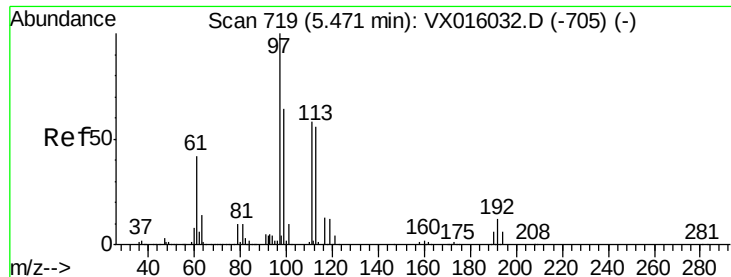
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016368.D
 Acq: 20 May 2020 18:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.8
88	15.6	0.0	31.4





#35

Dibromofluoromethane

Concen: 45.719 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016368.D

Acq: 20 May 2020 18:15

Instrument :

MSVOA_X

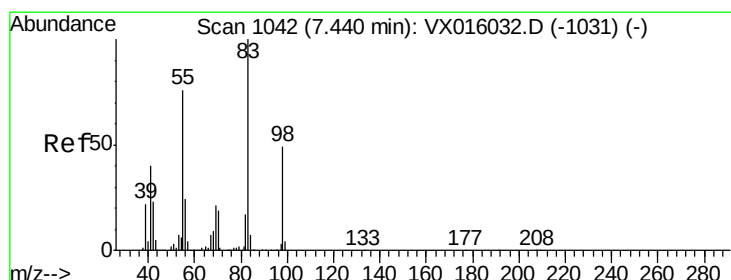
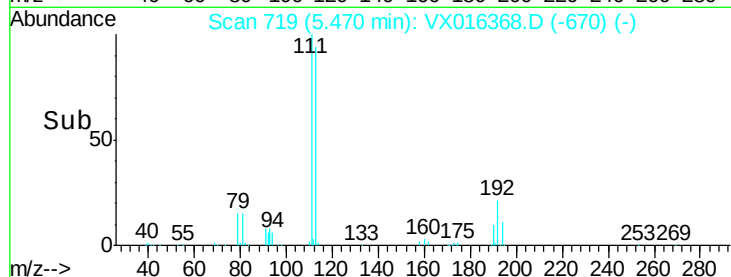
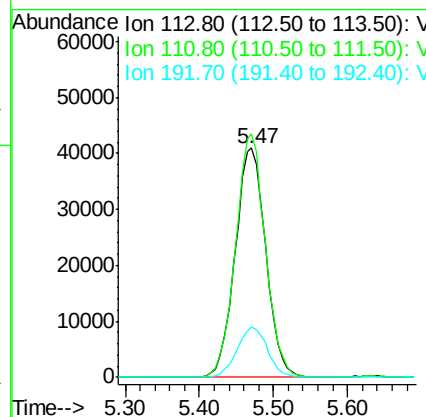
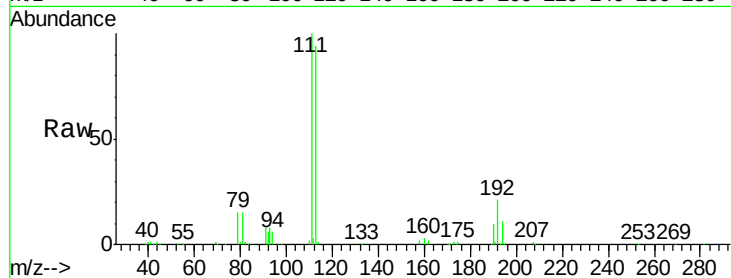
ClientSampled :

MW-1

Tot Ion:	113	Resp:	118029
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	21.8	17.0	25.4

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.055 ug/l

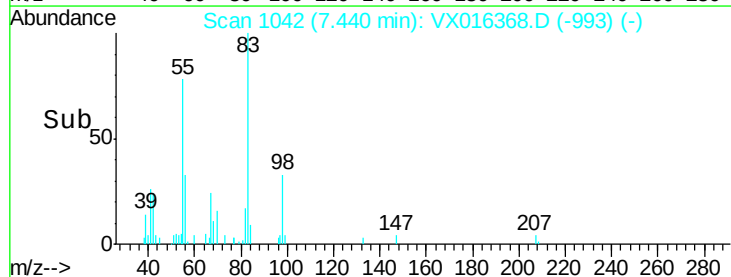
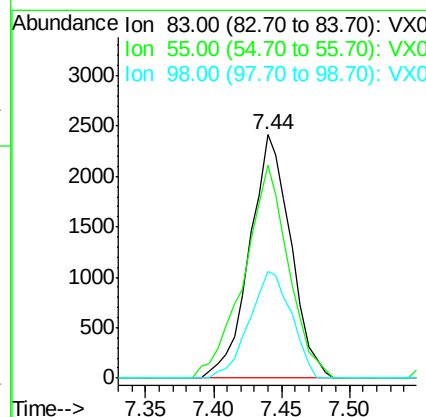
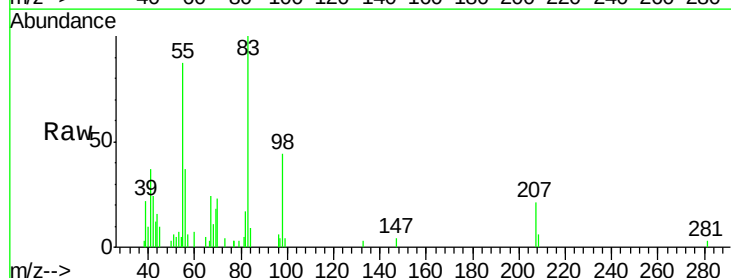
RT: 7.44 min Scan# 1042

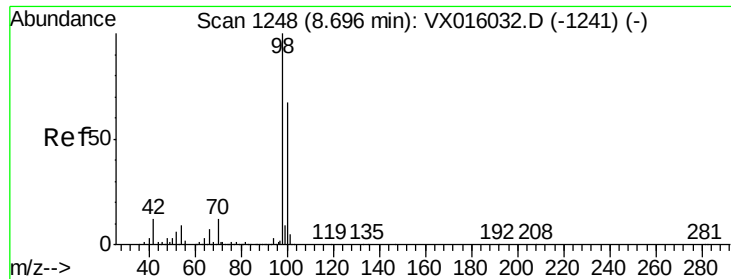
Delta R.T. -0.00 min

Lab File: VX016368.D

Acq: 20 May 2020 18:15

Tgt Ion:	83	Resp:	5096
Ion Ratio	Lower	Upper	
83	100		
55	87.4	61.1	91.7
98	43.7	39.0	58.4





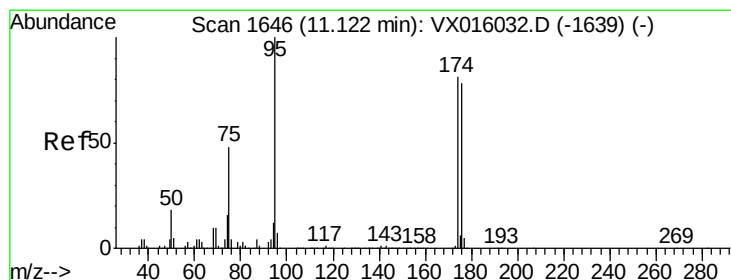
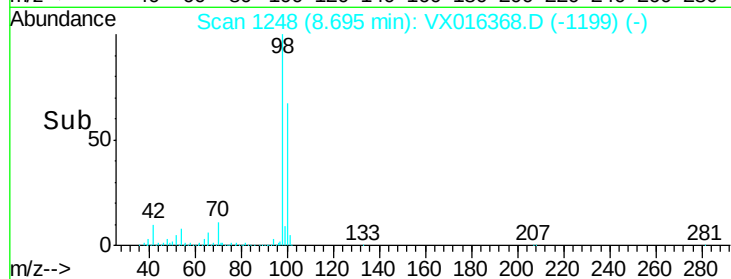
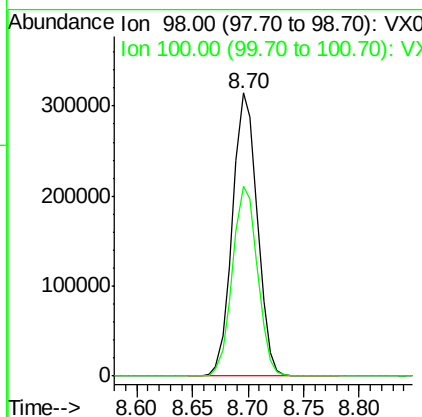
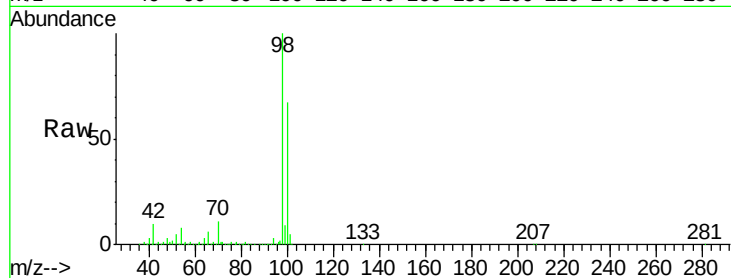
#50
Toluene-d8
Concen: 49.228 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016368.D
Acq: 20 May 2020 18:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion	98	Resp	489673
Ion Ratio	100	Lower	Upper
98	100	53.7	80.5
100	67.4		

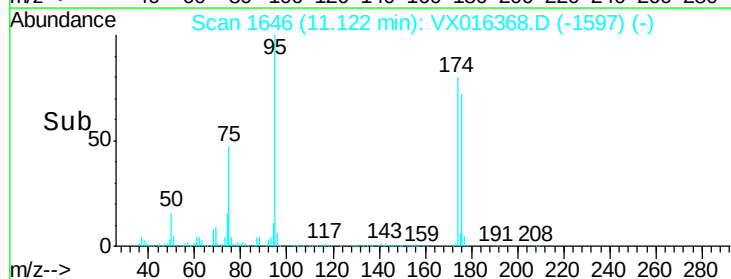
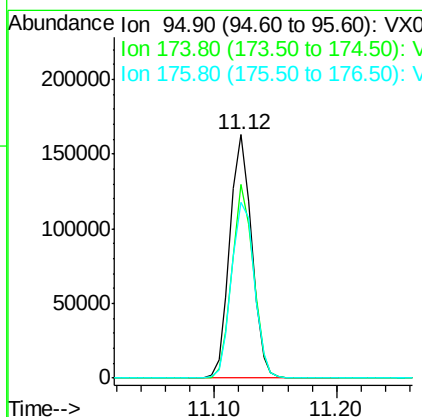
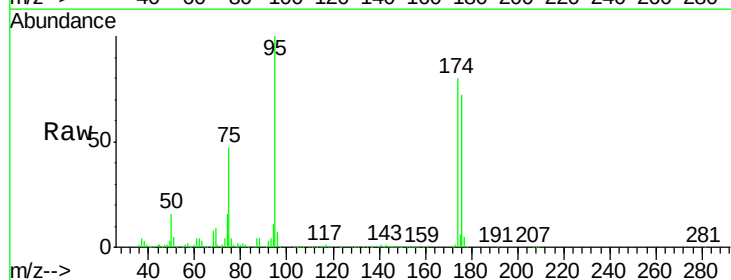
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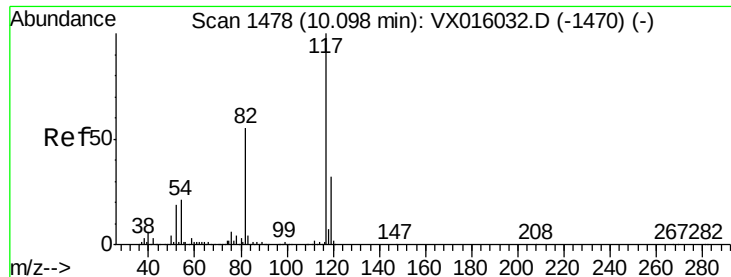
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#62
4-Bromofluorobenzene
Concen: 53.076 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016368.D
Acq: 20 May 2020 18:15

Tgt Ion	95	Resp	200806
Ion Ratio	100	Lower	Upper
95	100	0.0	159.4
174	78.2		
176	75.9		





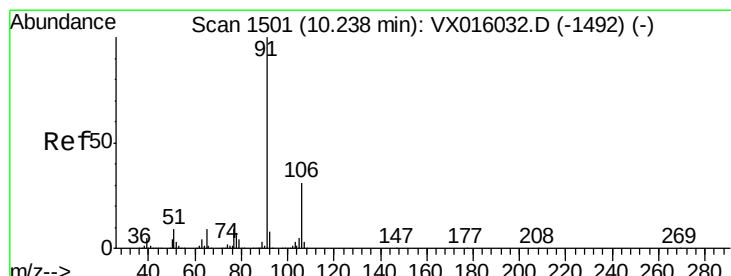
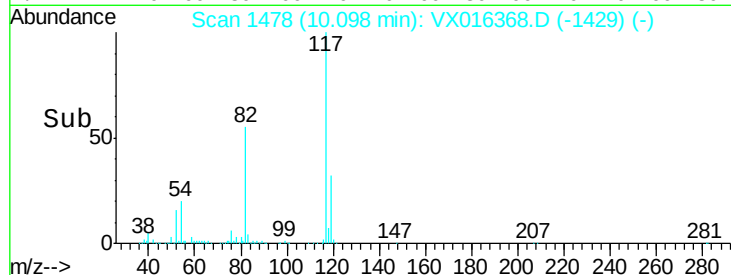
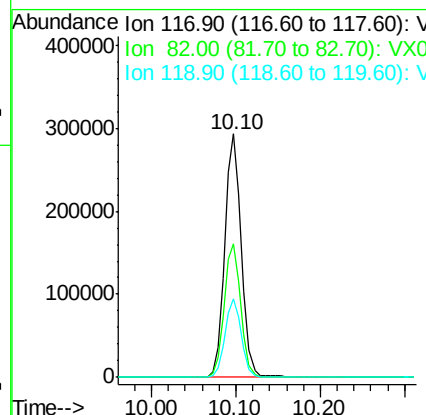
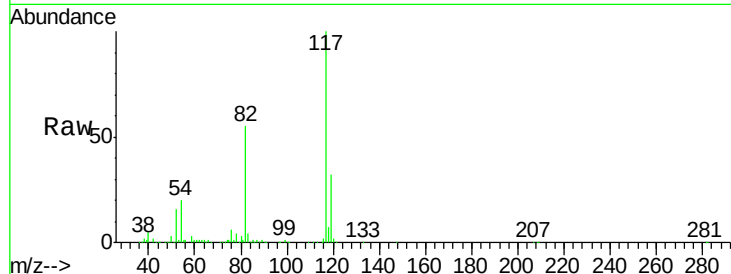
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016368.D
Acq: 20 May 2020 18:15

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.8	44.4	66.6
119	32.1	25.5	38.3

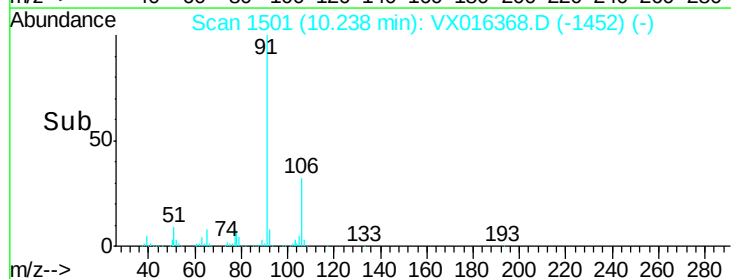
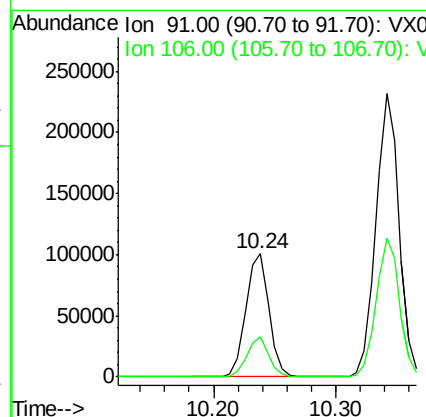
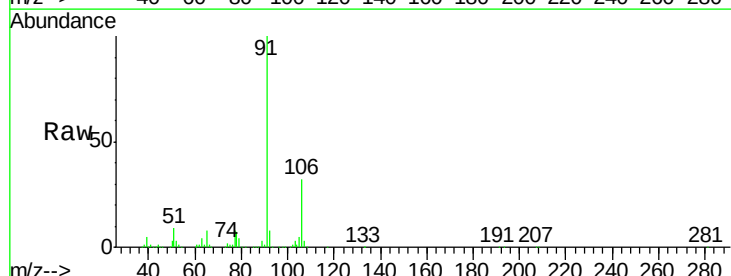
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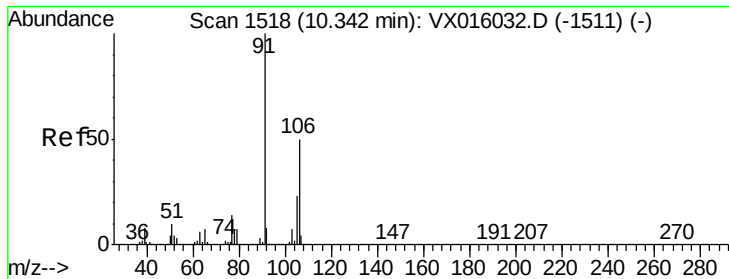
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#67
Ethyl Benzene
Concen: 8.900 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016368.D
Acq: 20 May 2020 18:15

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
106	32.3	25.1	37.7





#68

m/p-Xylenes

Concen: 27.270 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016368.D

Acq: 20 May 2020 18:15

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion:106 Resp: 151028

Ion Ratio Lower Upper

106 100

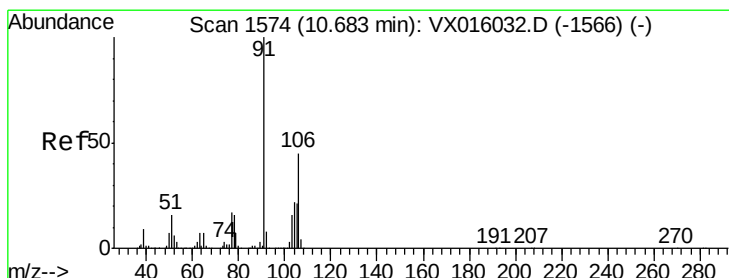
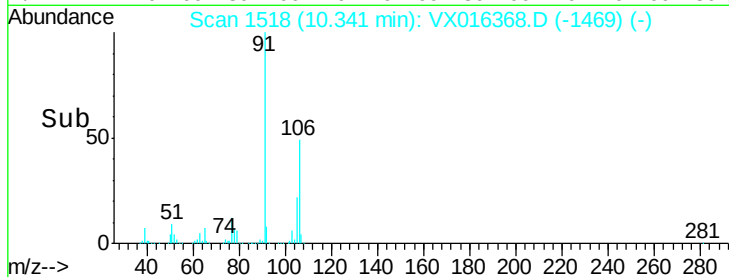
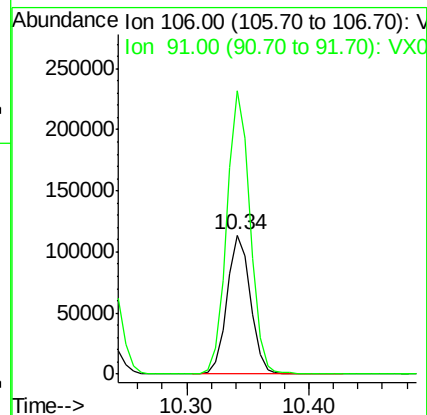
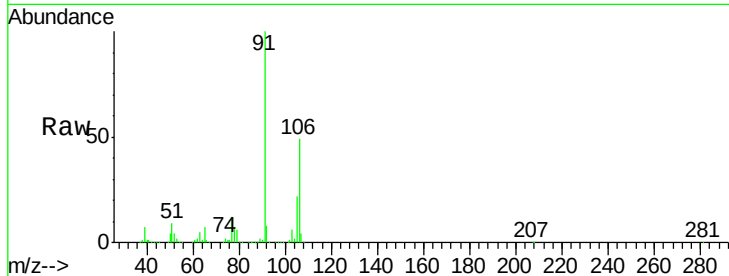
91 202.2 161.7 242.5

Manual Integrations

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#69

o-Xylene

Concen: 4.352 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016368.D

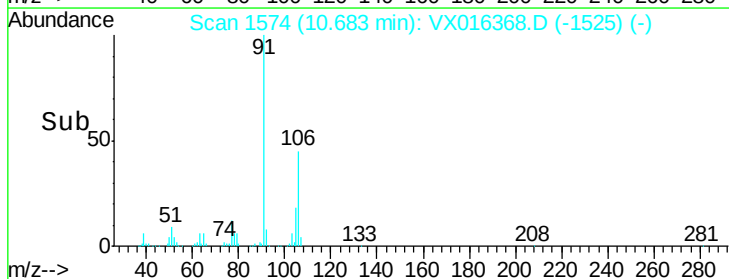
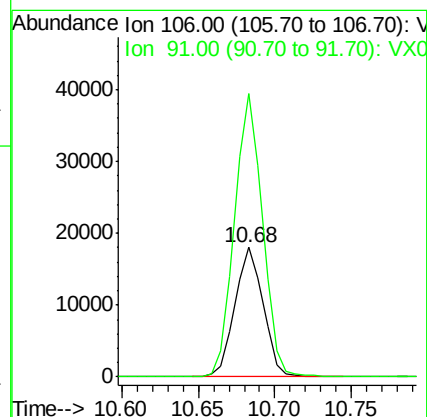
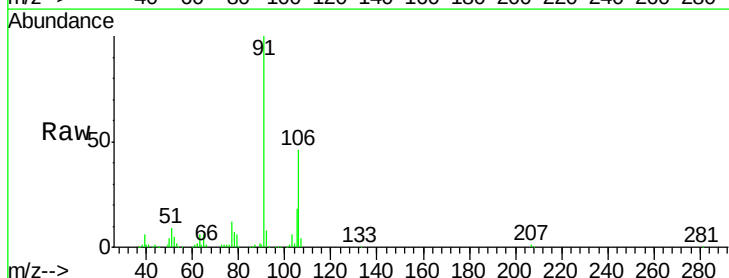
Acq: 20 May 2020 18:15

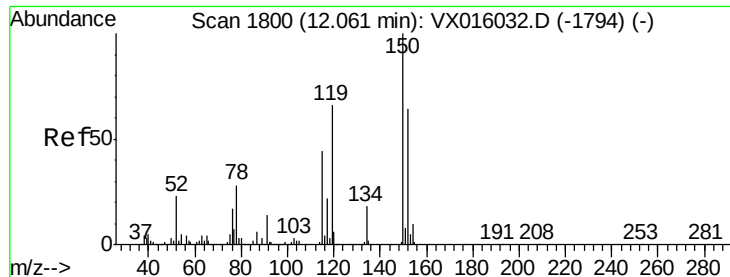
Tgt Ion:106 Resp: 23166

Ion Ratio Lower Upper

106 100

91 217.0 107.5 322.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016368.D

Acq: 20 May 2020 18:15

Instrument :

MSVOA_X

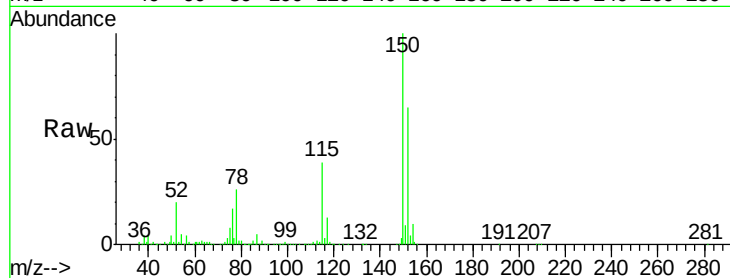
ClientSampled :

MW-1

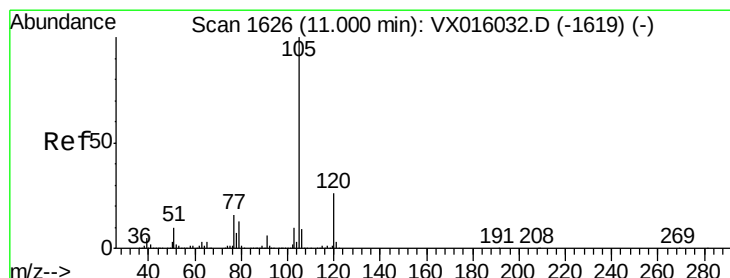
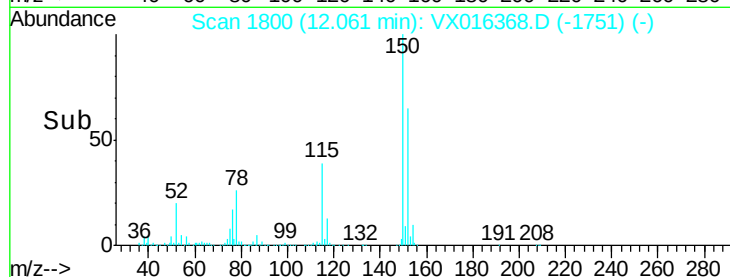
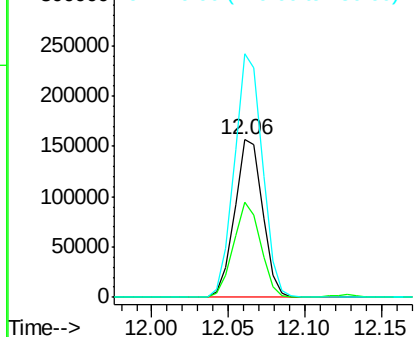
Tot Ion:	152	Resp:	198014
Ion Ratio	Lower	Upper	
152	100		
115	58.9	41.3	124.1
150	155.5	0.0	352.2

Manual Integrations
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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: 2.182 ug/l

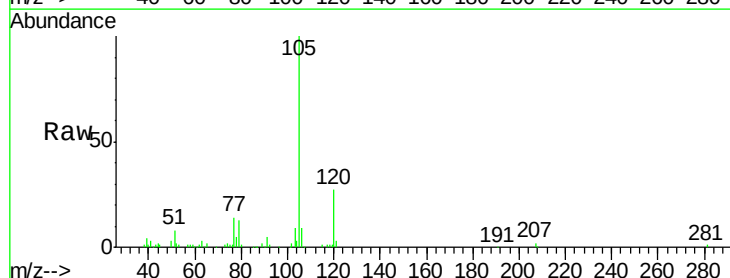
RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

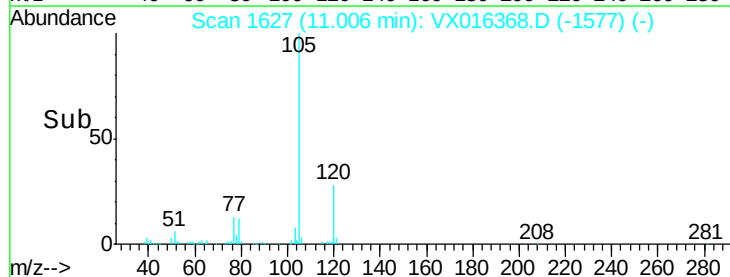
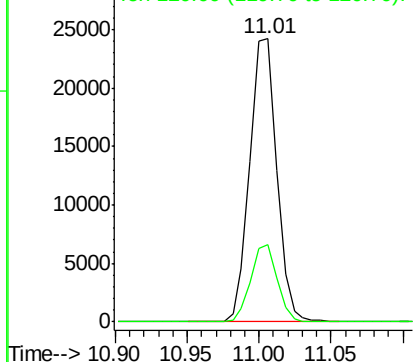
Lab File: VX016368.D

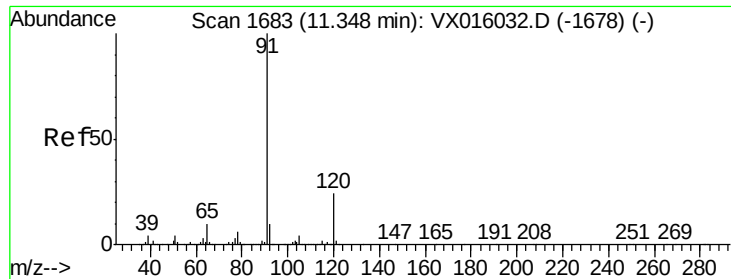
Acq: 20 May 2020 18:15

Tgt Ion:	105	Resp:	31429
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 6.073 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016368.D

Acq: 20 May 2020 18:15

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion: 91 Resp: 101760

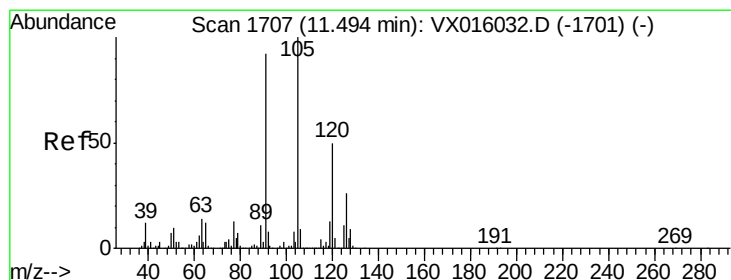
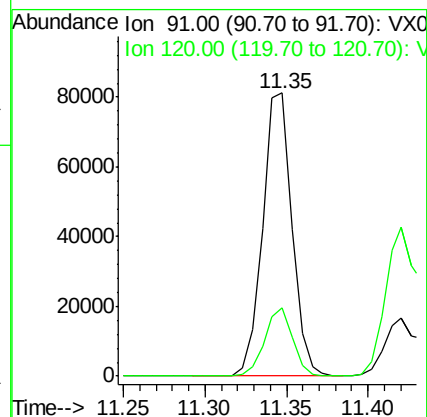
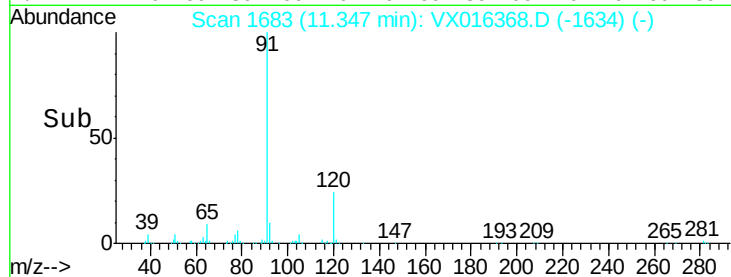
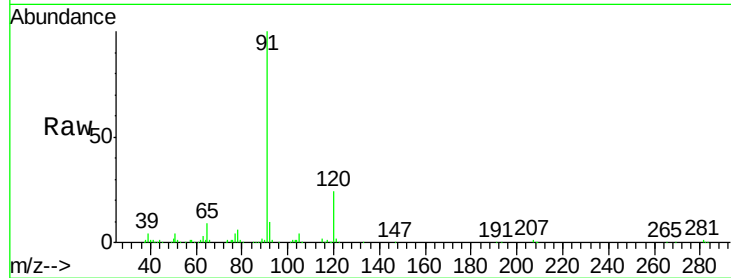
Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5

Manual Integrations
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5/21/2020 1:15:22 PM



#80

1,3,5-Trimethylbenzene

Concen: 5.791 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016368.D

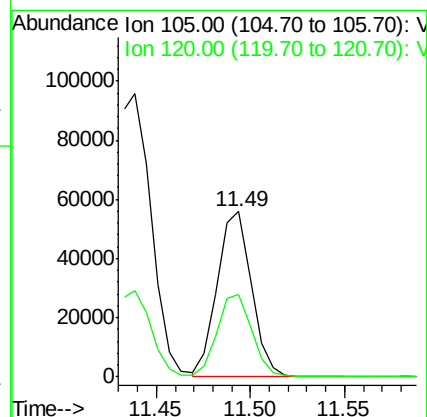
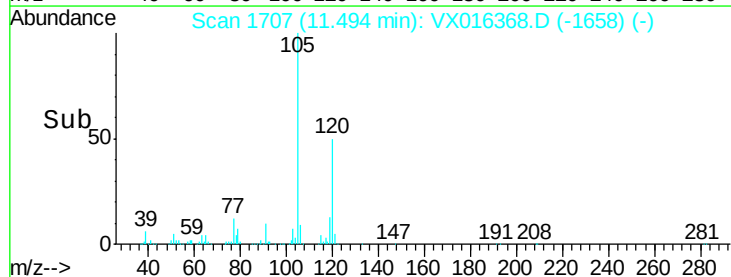
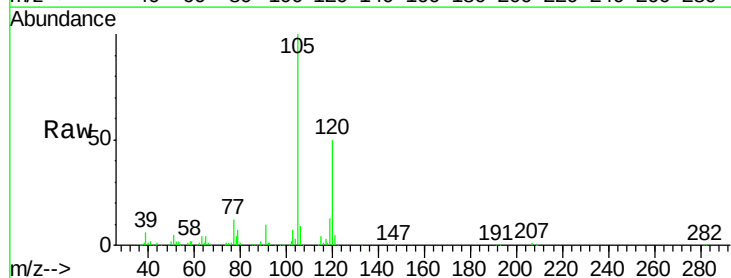
Acq: 20 May 2020 18:15

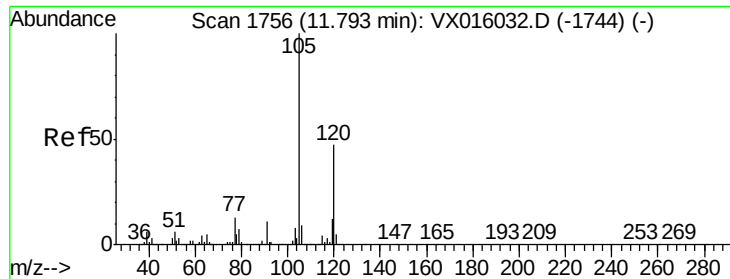
Tgt Ion: 105 Resp: 70421

Ion Ratio Lower Upper

105 100

120 51.0 24.6 74.0





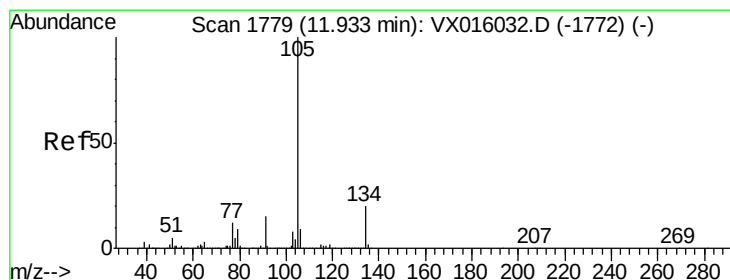
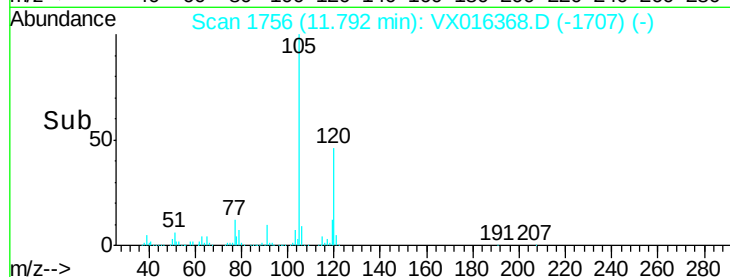
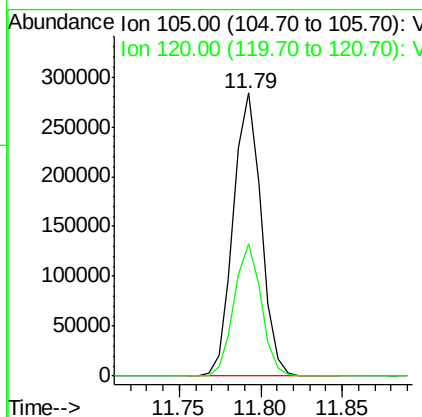
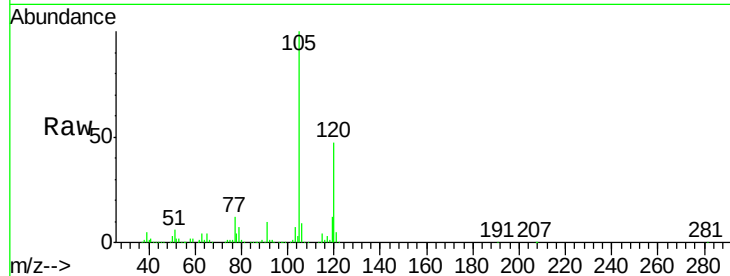
#84
 1,2,4-Trimethylbenzene
 Concen: 27.412 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016368.D
 Acq: 20 May 2020 18:15

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0

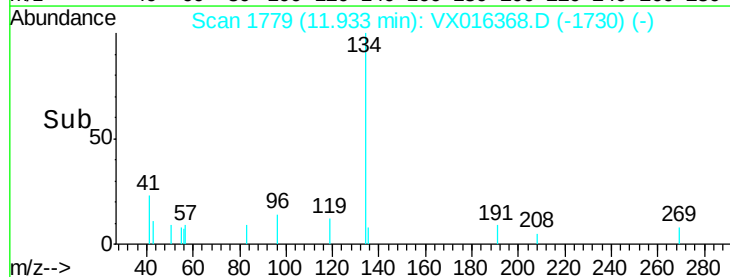
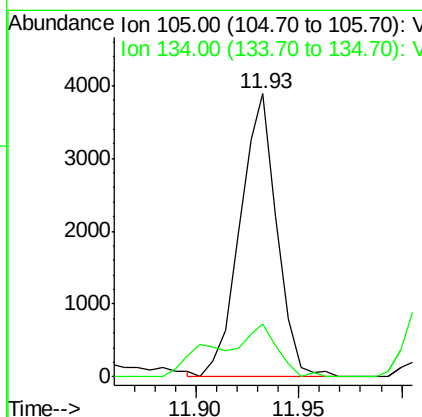
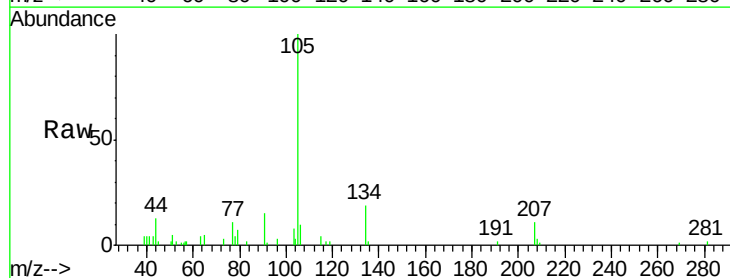
Manual Integrations
 APPROVED

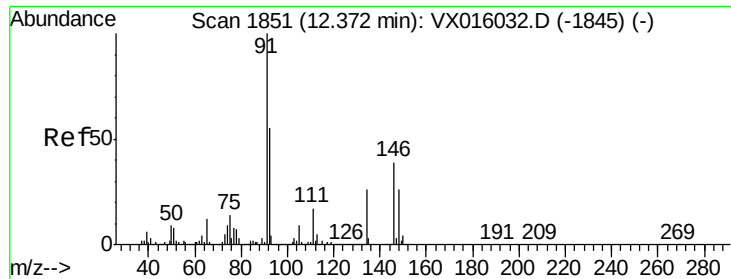
MMDadoda
 5/21/2020 1:15:22 PM



#85
 sec-Butylbenzene
 Concen: 0.342 ug/l m
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016368.D
 Acq: 20 May 2020 18:15

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





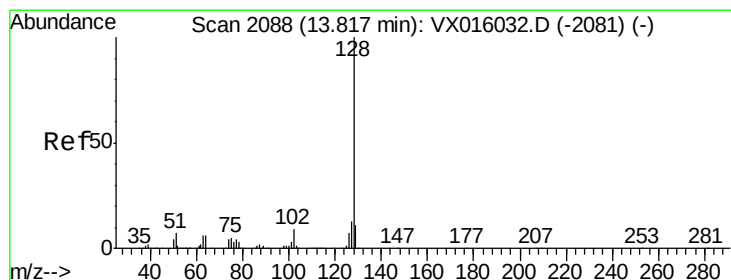
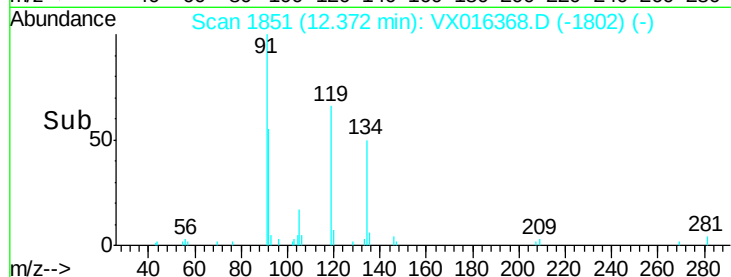
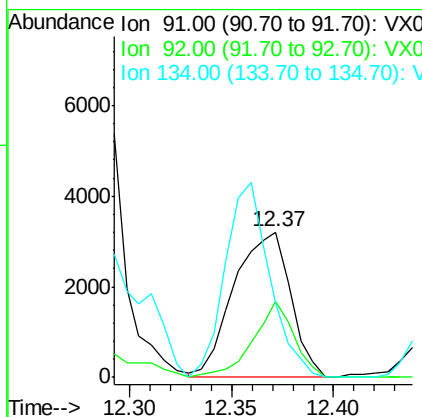
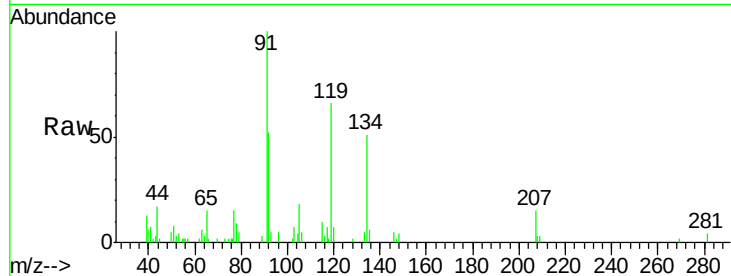
#89
n-Butylbenzene
Concen: 0.515 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016368.D
Acq: 20 May 2020 18:15

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
91	100		
92	37.5	27.6	82.7
134	105.5	13.4	40.1#

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:15:22 PM



#95
Naphthalene
Concen: 2.205 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016368.D
Acq: 20 May 2020 18:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.7	8.7	13.1

