

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013110.D
 Acq On : 17 Oct 2019 16:21
 Operator : JC/SP
 Sample : K5406-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16

Manual Integrations
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MMDadoda
 10/18/2019 10:05:27 AM

Quant Time: Oct 18 09:15:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104468	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	5.49	113	81134	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	8.71	98	319804	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.13	95	105184	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
Target Compounds						
16) Acetone	2.43	43	2079	1.816	ug/l	95
31) Cyclohexane	5.57	56	2569	0.815	ug/l	98
39) Methylcyclohexane	7.45	83	5390	1.836	ug/l	92
73) Isopropylbenzene	11.01	105	8010	1.212	ug/l	98
78) n-propylbenzene	11.35	91	6533	0.898	ug/l	98
83) tert-Butylbenzene	11.76	119	4393	0.816	ug/l	86
85) sec-Butylbenzene	11.94	105	14512	2.327	ug/l	94
89) n-Butylbenzene	12.39	91	3334m	0.686	ug/l	

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

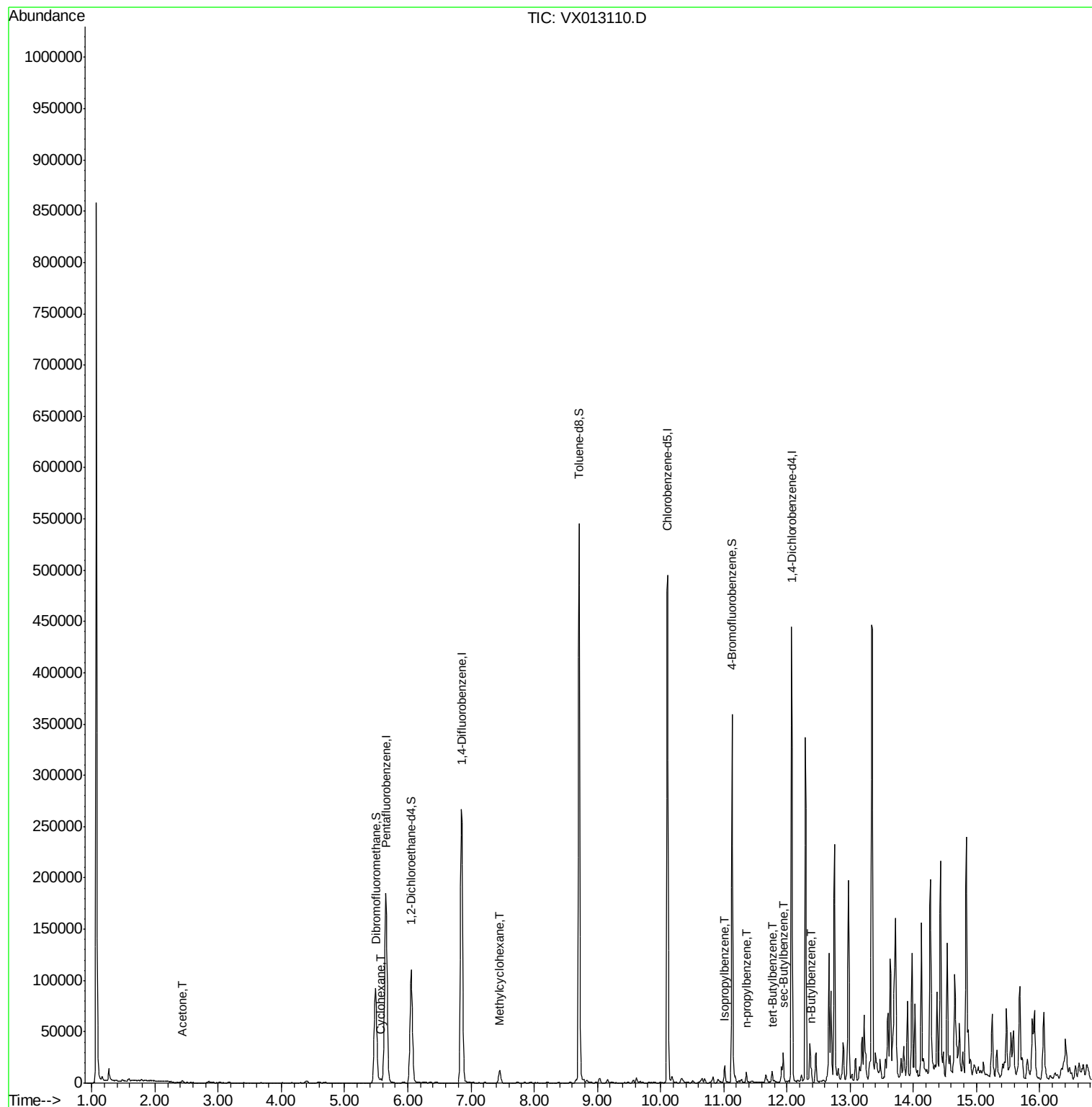
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101719\
Data File : VX013110.D
Acq On : 17 Oct 2019 16:21
Operator : JC/SP
Sample : K5406-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

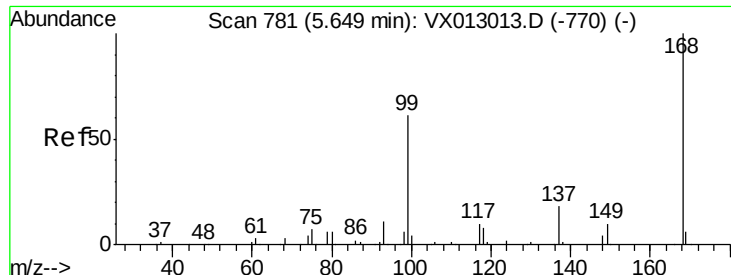
Instrument :
MSVOA_X
ClientSampleId :
MW-16

Quant Time: Oct 18 09:15:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013110.D

Acq: 17 Oct 2019 16:21

Instrument :

MSVOA_X

ClientSampled :

MW-16

Tot Ion:168 Resp: 173804

Ion Ratio Lower Upper

168 100

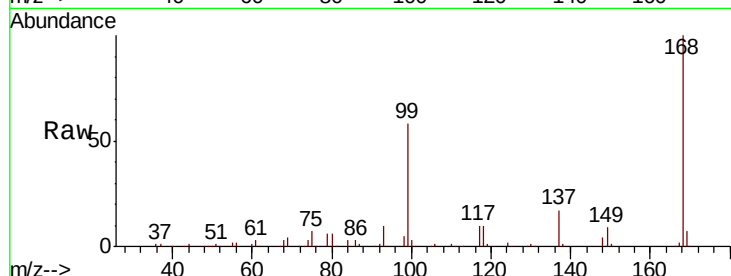
99 57.9 49.4 74.0

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

5.65

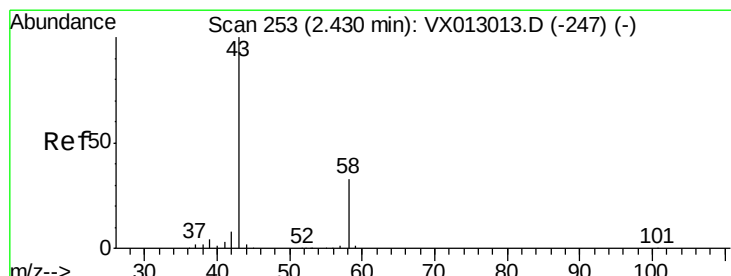
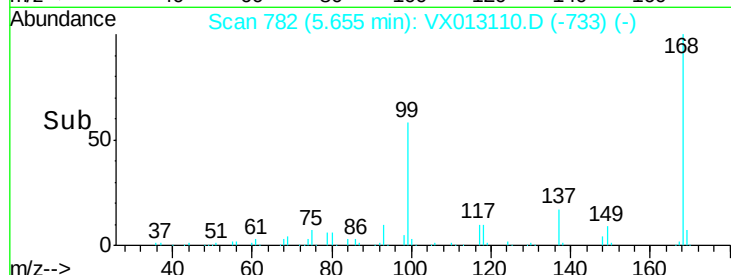
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.816 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013110.D

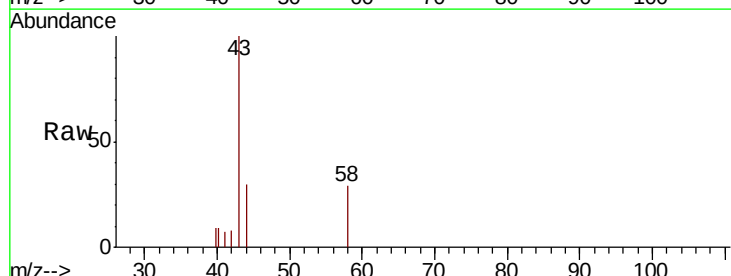
Acq: 17 Oct 2019 16:21

Tgt Ion: 43 Resp: 2079

Ion Ratio Lower Upper

43 100

58 29.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

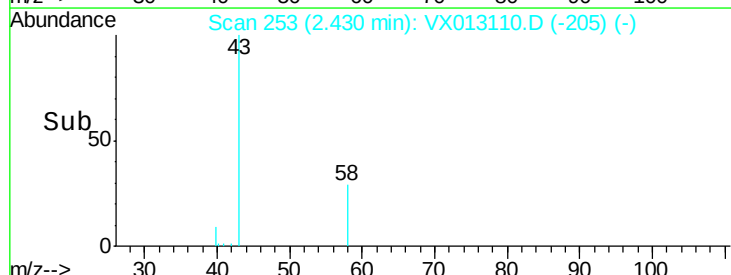
2.43

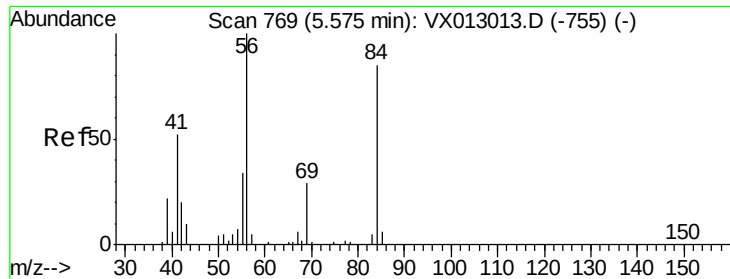
1000

500

0

Time--> 2.40 2.45





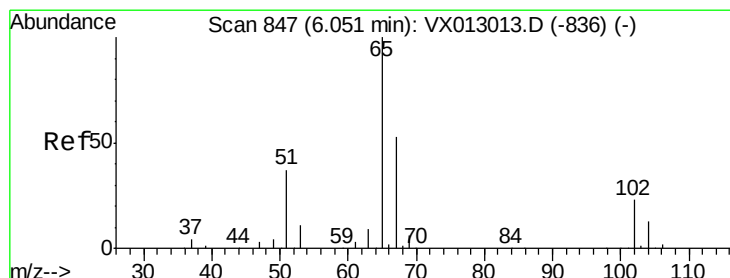
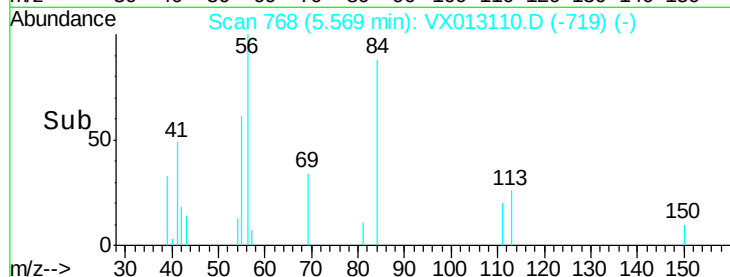
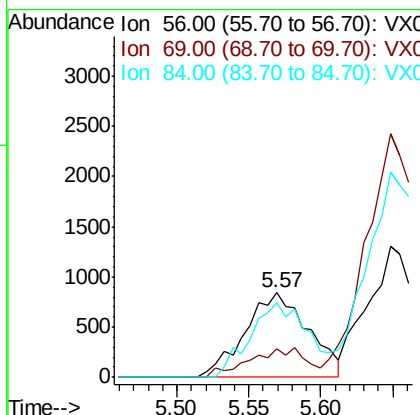
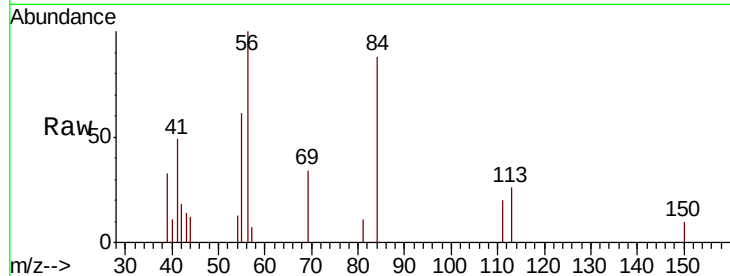
#31
Cyclohexane
Concen: 0.815 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013110.D
Acq: 17 Oct 2019 16:21

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.2	37.8
84	88.1	71.3	106.9

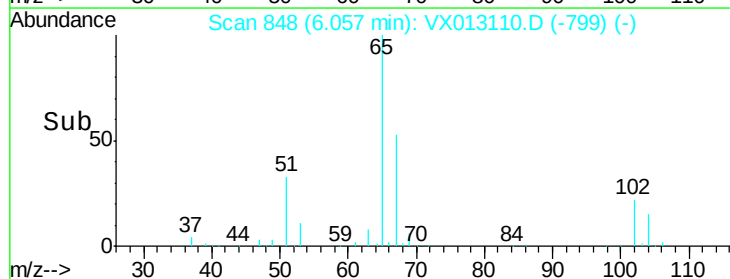
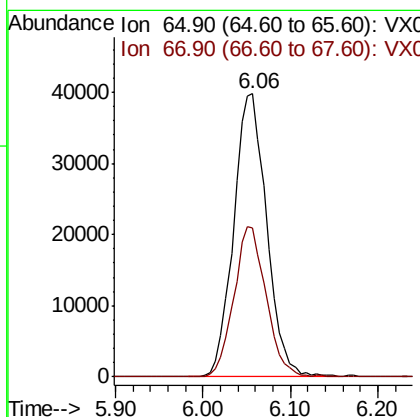
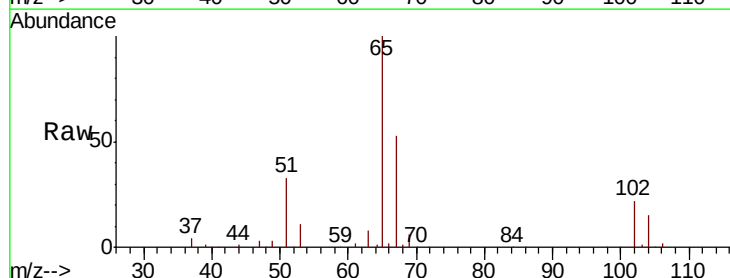
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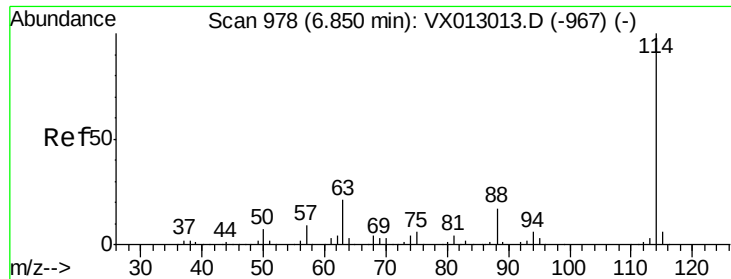
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#33
1,2-Dichloroethane-d4
Concen: 48.090 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX013110.D
Acq: 17 Oct 2019 16:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013110.D

Acq: 17 Oct 2019 16:21

Instrument :

MSVOA_X

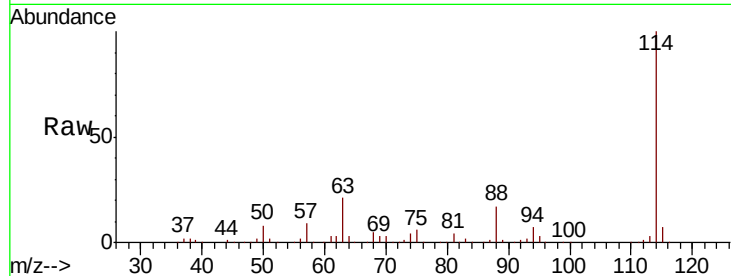
ClientSampleId :

MW-16

Tot Ion:	114	Resp:	275303
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.8
88	16.7	0.0	33.8

Manual Integrations
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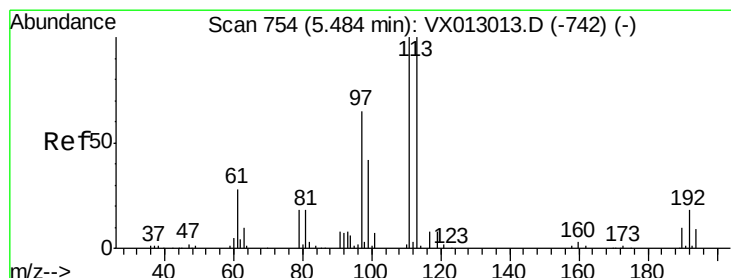
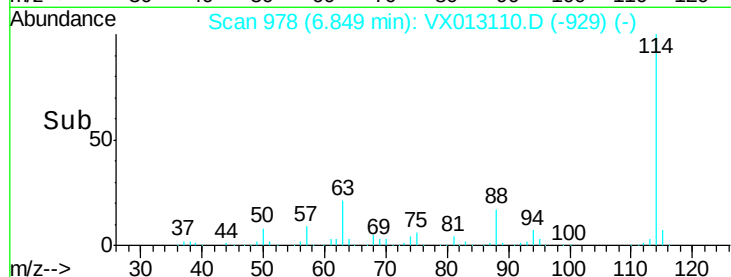
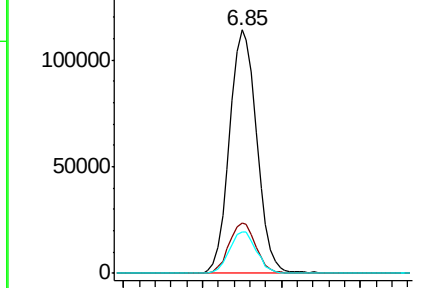
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.348 ug/l

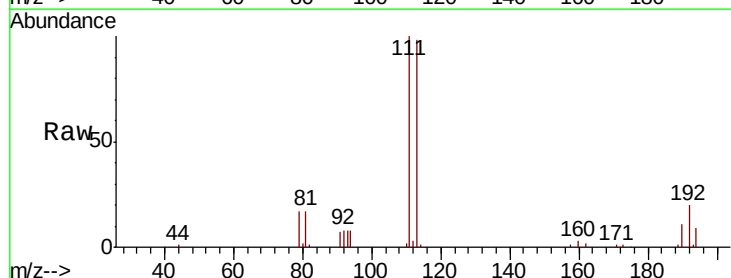
RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013110.D

Acq: 17 Oct 2019 16:21

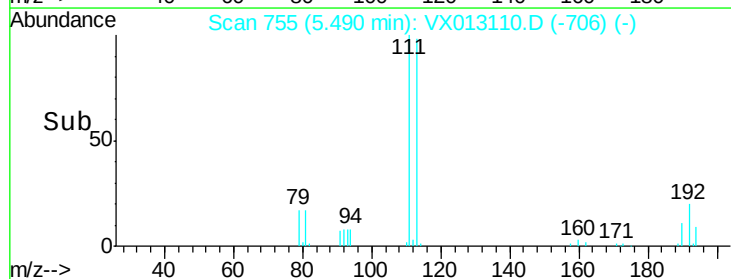
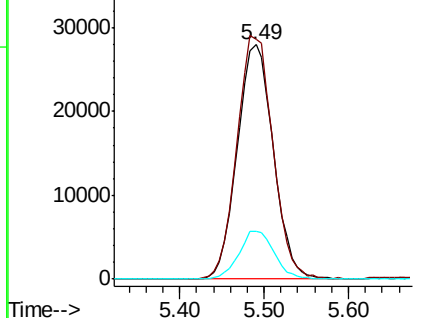
Tgt Ion:	113	Resp:	81134
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.2	124.8
192	19.9	15.4	23.2

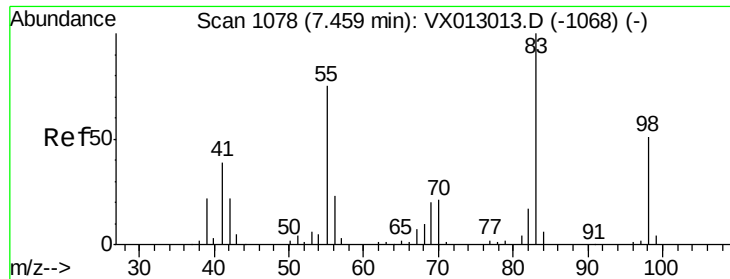


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





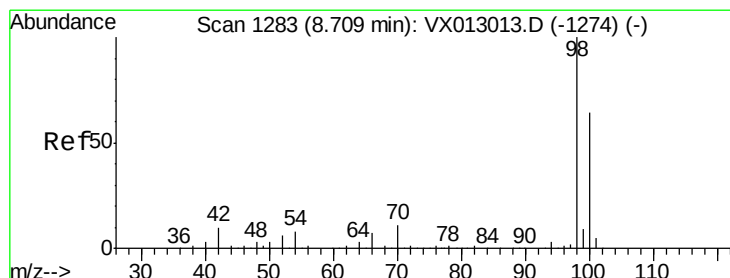
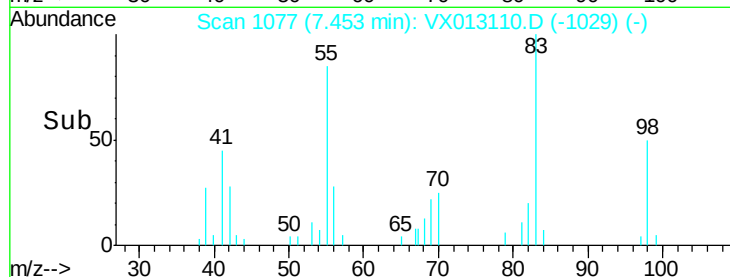
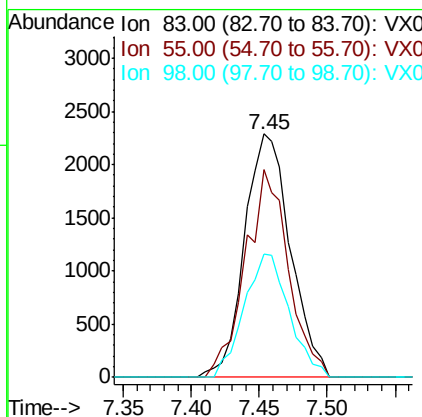
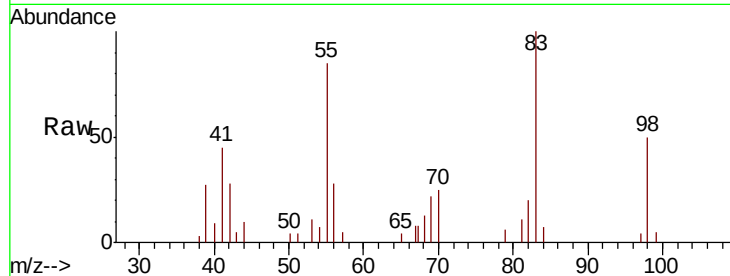
#39
Methylvlcyclohexane
Concen: 1.836 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013110.D
Acq: 17 Oct 2019 16:21

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.2	60.2	90.4
98	50.4	38.5	57.7

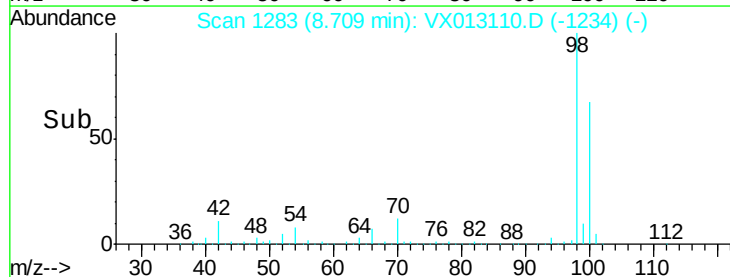
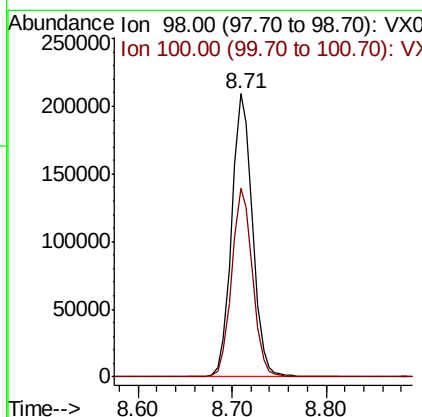
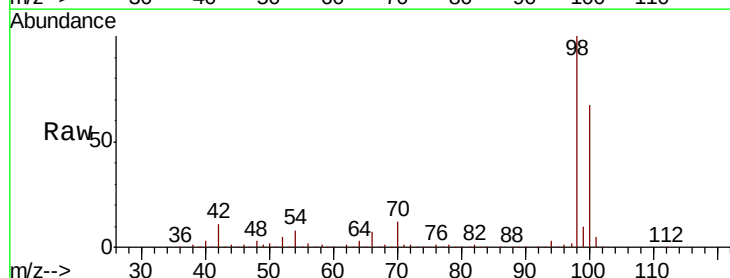
Manual Integrations
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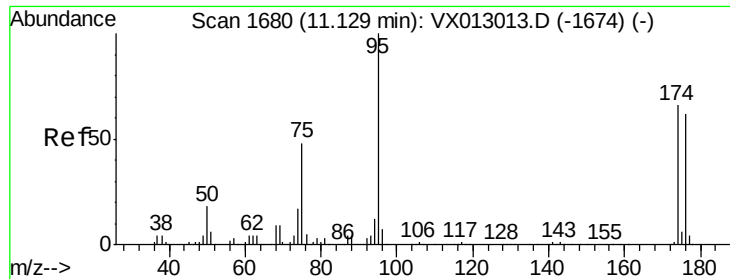
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#50
Toluene-d8
Concen: 51.893 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013110.D
Acq: 17 Oct 2019 16:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2





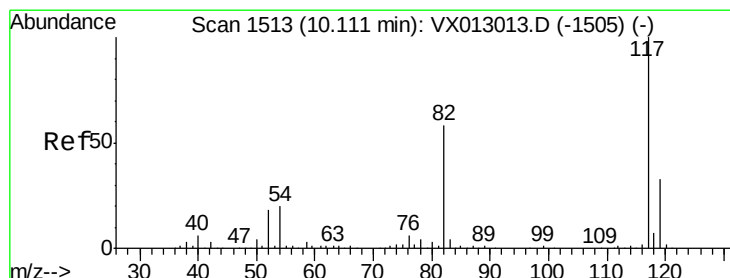
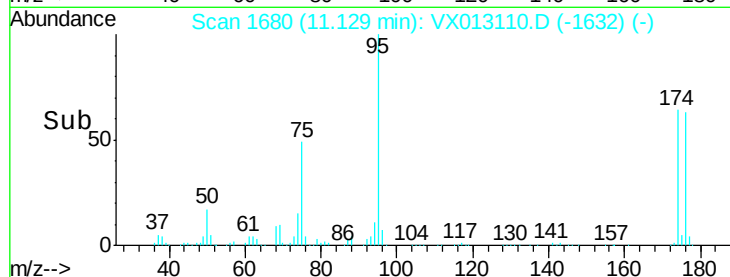
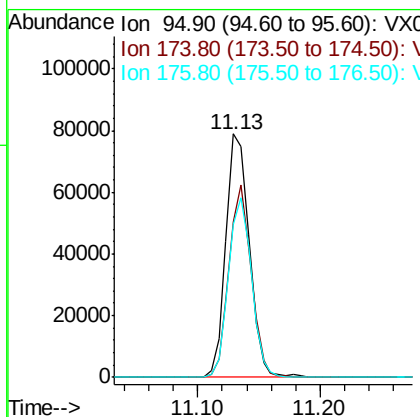
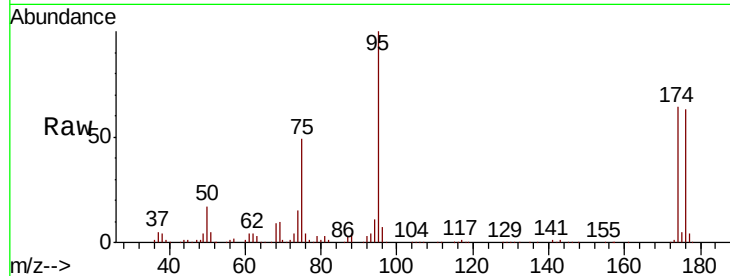
#62
4-Bromofluorobenzene
Concen: 43.926 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013110.D
Acq: 17 Oct 2019 16:21

Instrument :
MSVOA_X
ClientSampled :
MW-16

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	143.4
176	72.0	0.0	136.0

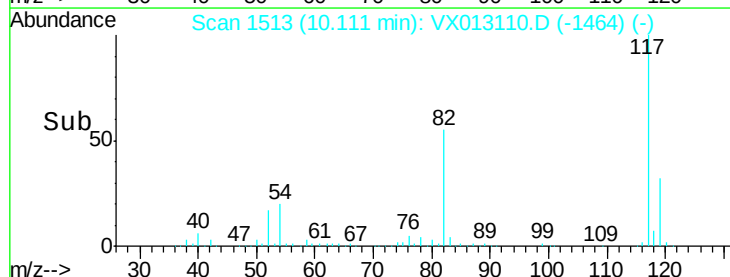
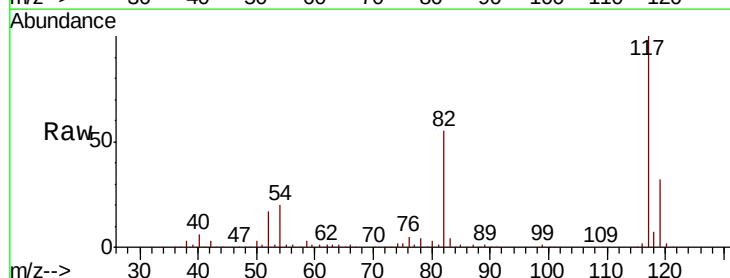
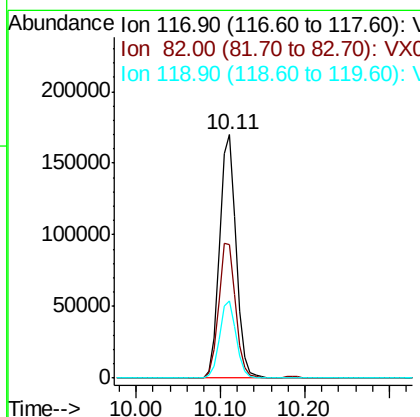
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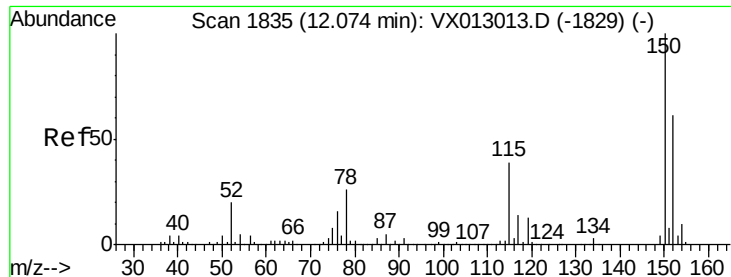
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013110.D
Acq: 17 Oct 2019 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.1	66.1
119	31.9	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013110.D

Acq: 17 Oct 2019 16:21

Instrument :

MSVOA_X

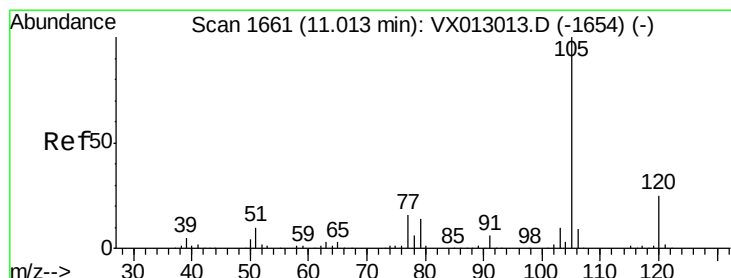
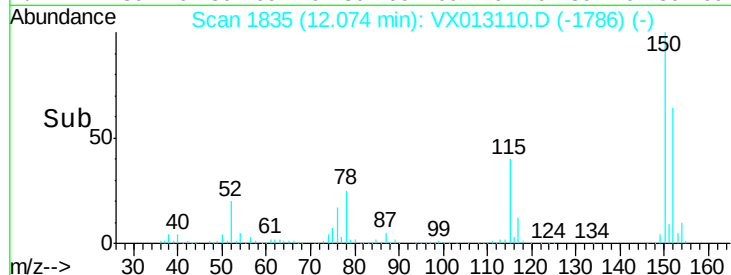
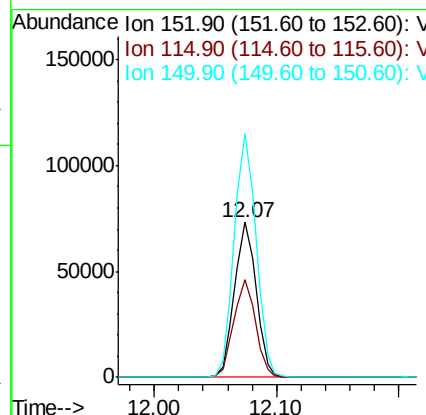
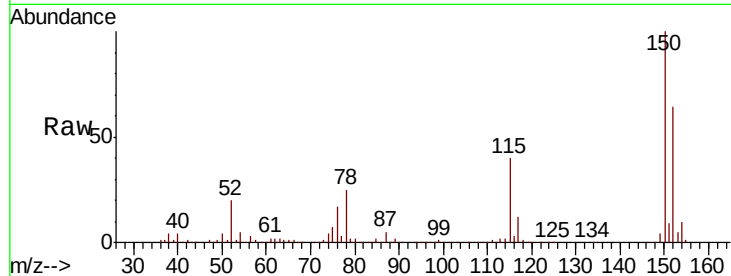
ClientSampled :

MW-16

Tot Ion:	152	Resp:	89905
Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.5	133.5
150	158.1	0.0	353.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.212 ug/l

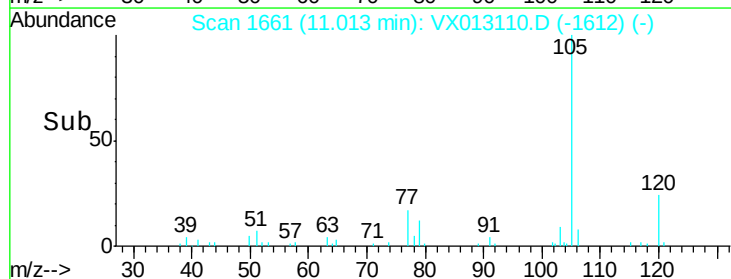
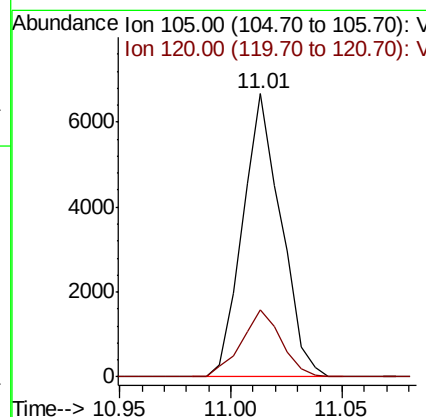
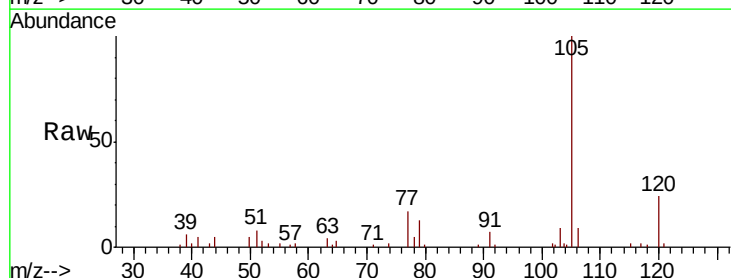
RT: 11.01 min Scan# 1661

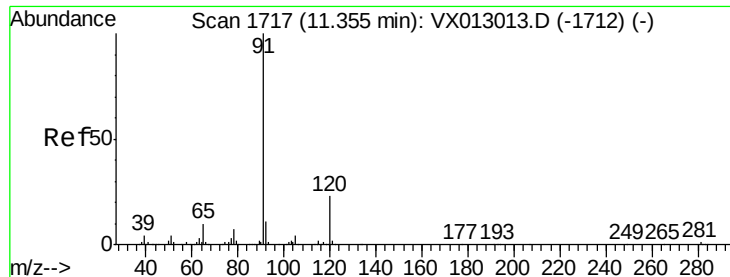
Delta R.T. -0.00 min

Lab File: VX013110.D

Acq: 17 Oct 2019 16:21

Tgt Ion:	105	Resp:	8010
Ion	Ratio	Lower	Upper
105	100		
120	25.0	13.0	39.0





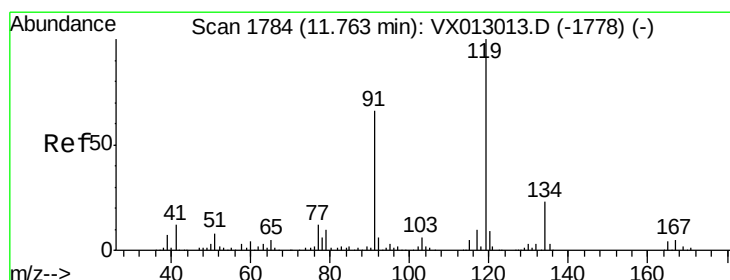
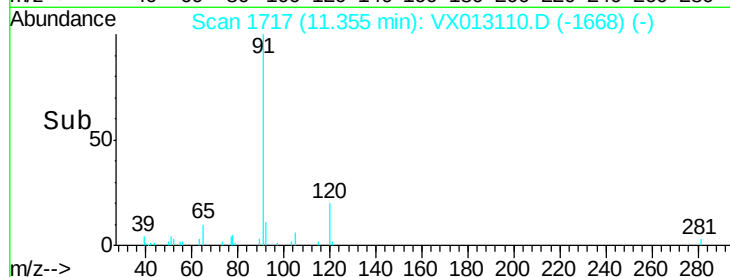
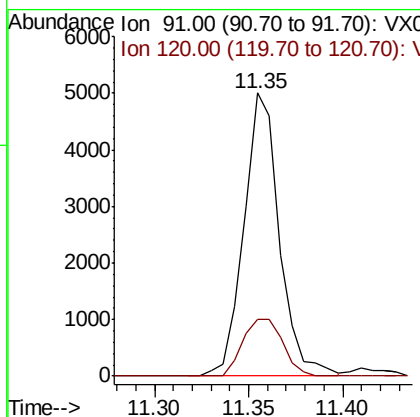
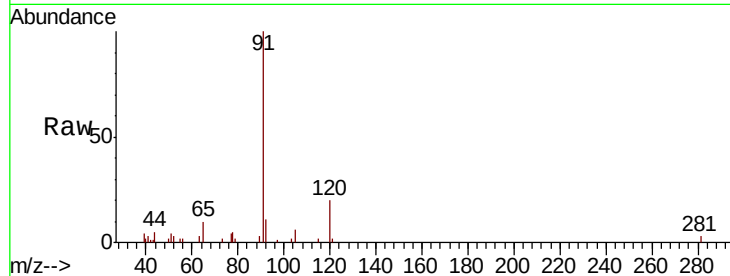
#78
n-propylbenzene
Concen: 0.898 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013110.D
Acq: 17 Oct 2019 16:21

Instrument :
MSVOA_X
ClientSampled :
MW-16

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.6	11.7	35.1	

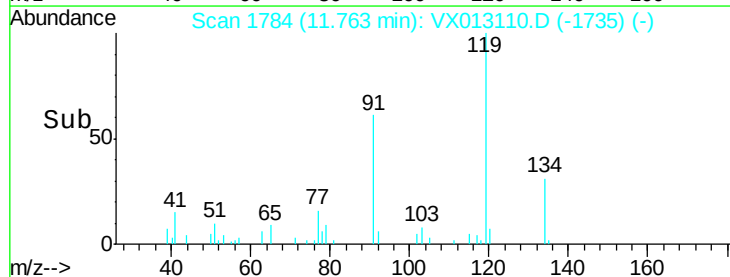
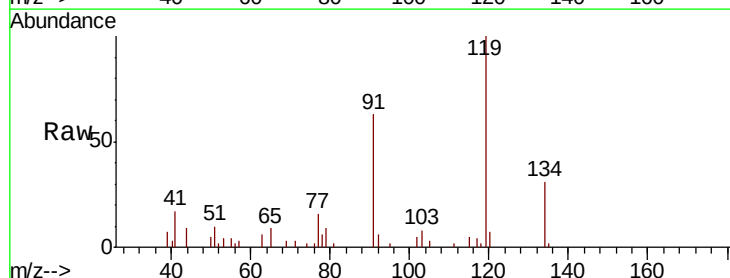
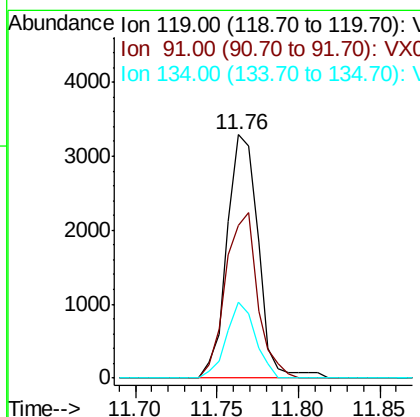
Manual Integrations
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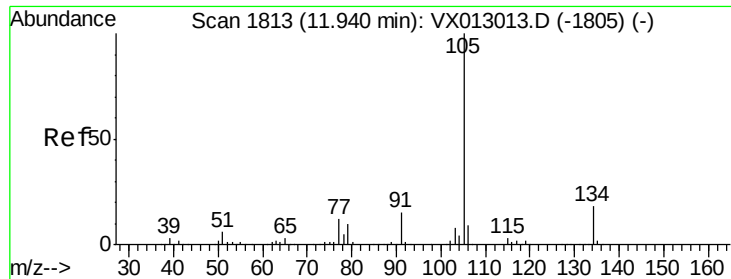
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10/18/2019 10:05:27 AM



#83
tert-Butylbenzene
Concen: 0.816 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013110.D
Acq: 17 Oct 2019 16:21

Tgt Ion	Ion	Ratio	Lower	Upper
119	100			
91	69.5	29.3	87.9	
134	28.9	11.5	34.4	





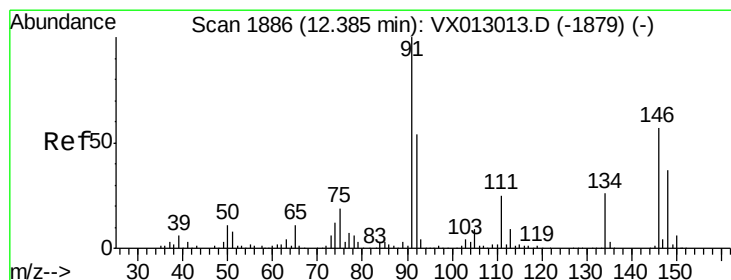
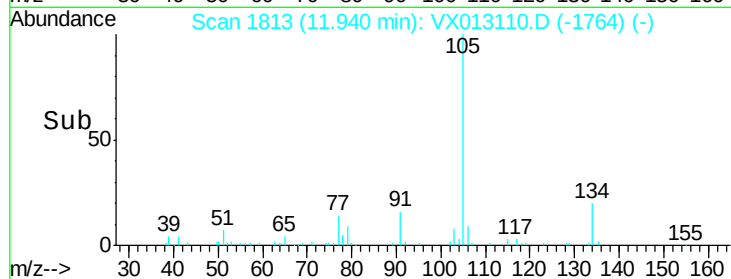
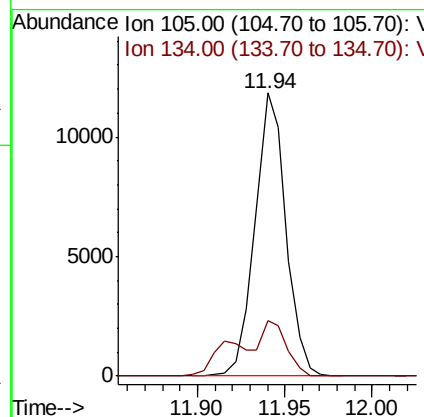
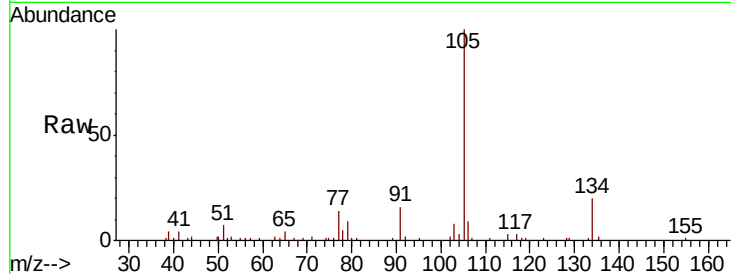
#85
 sec-Butylbenzene
 Concen: 2.327 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013110.D
 Acq: 17 Oct 2019 16:21

Instrument :
 MSVOA_X
 ClientSampled :
 MW-16

Tot Ion: 105 Resp: 14512
 Ion Ratio Lower Upper
 105 100
 134 17.5 10.0 30.0

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:27 AM



#89
 n-Butylbenzene
 Concen: 0.686 ug/l m
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013110.D
 Acq: 17 Oct 2019 16:21

Tgt Ion: 91 Resp: 3334
 Ion Ratio Lower Upper
 91 100
 92 0.0 27.5 82.5#
 134 145.3 12.9 38.7#

