

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013894.D
 Acq On : 10 Dec 2019 13:39
 Operator : JC/SP
 Sample : K6187-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RPC-WG

Manual Integrations
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Quant Time: Dec 11 06:14:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	828481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	738294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	307282	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	5.49	113	250227	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	981085	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.14	95	322807	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	60673	19.796	ug/l	96
25) 2-Butanone	4.67	43	31288	6.869	ug/l	99
52) Toluene	8.79	92	6011	0.422	ug/l	77
68) m/p-Xylenes	10.36	106	3914	0.388	ug/l	90
73) Isopropylbenzene	11.01	105	5325	0.231	ug/l	96
78) n-propylbenzene	11.35	91	8807	0.342	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	5030	0.266	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	21267	1.109	ug/l	97
85) sec-Butylbenzene	11.94	105	8547	0.390	ug/l	78
86) p-Isopropyltoluene	12.06	119	4773m	0.234	ug/l	
95) Naphthalene	13.83	128	20335	0.914	ug/l #	85

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

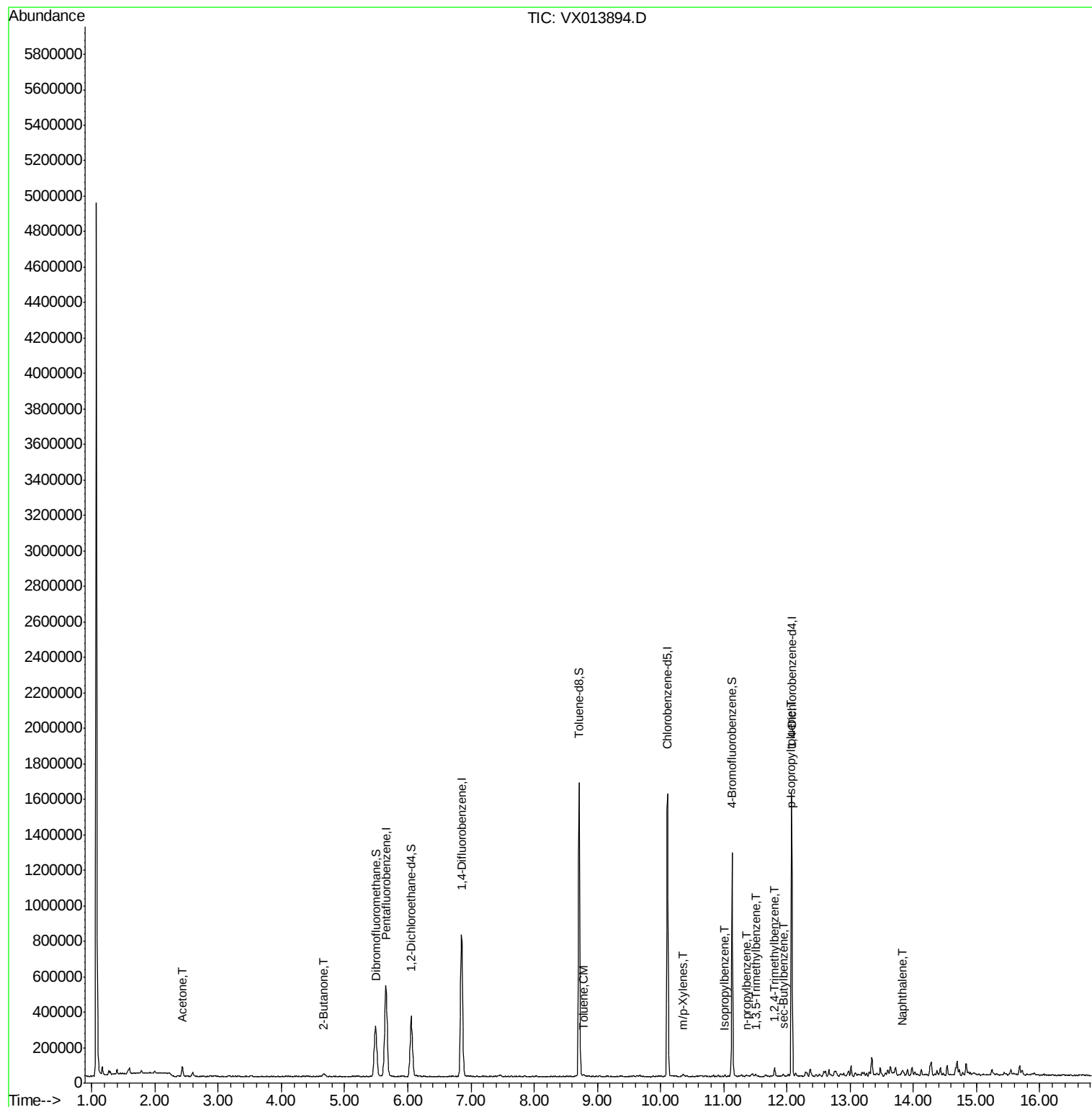
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121019\
Data File : VX013894.D
Acq On : 10 Dec 2019 13:39
Operator : JC/SP
Sample : K6187-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

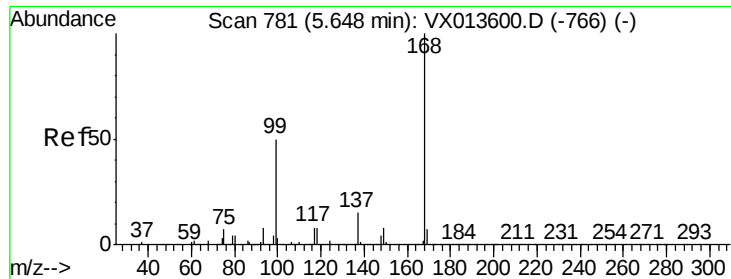
Instrument :
MSVOA_X
ClientSampleId :
RPC-WG

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Quant Time: Dec 11 06:14:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013894.D

Acq: 10 Dec 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

RPC-WG

Tot Ion:168 Resp: 534807

Ion Ratio Lower Upper

168 100

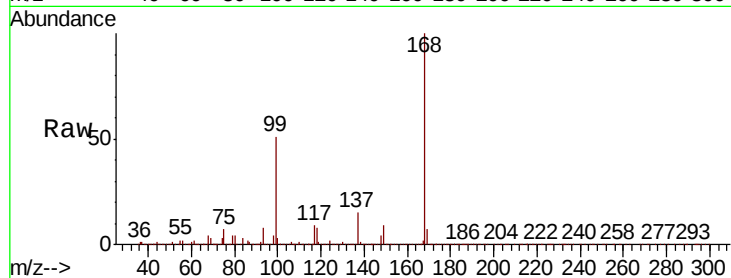
99 50.4 39.8 59.8

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

200000

150000

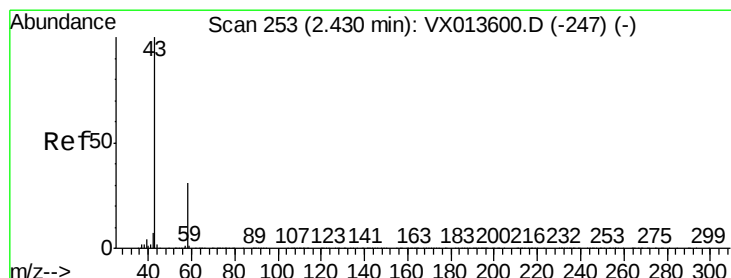
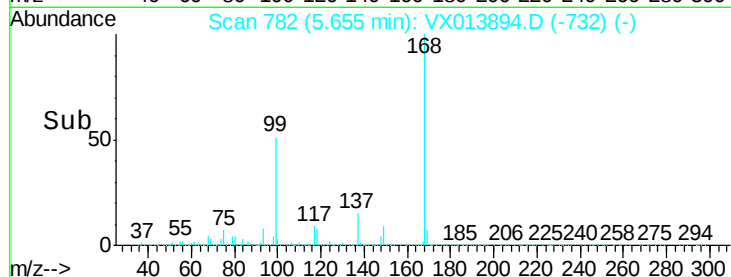
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 19.796 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013894.D

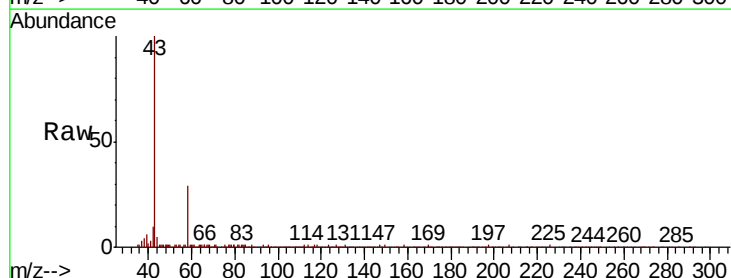
Acq: 10 Dec 2019 13:39

Tgt Ion: 43 Resp: 60673

Ion Ratio Lower Upper

43 100

58 28.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

40000

30000

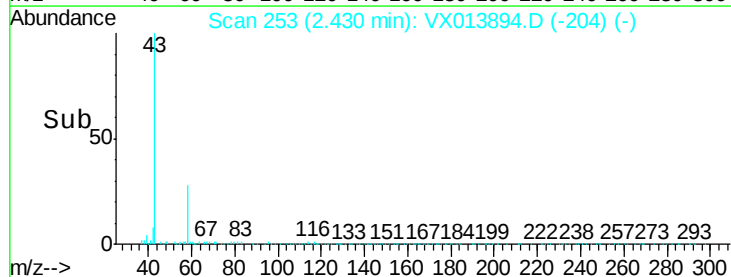
20000

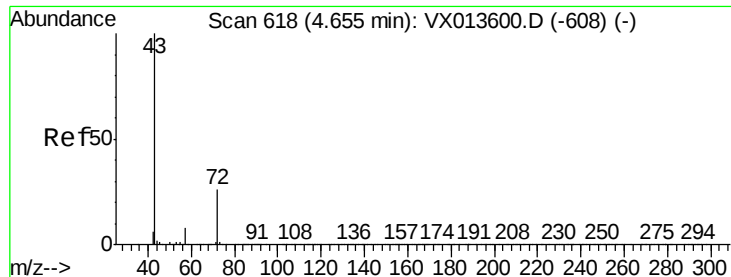
10000

0

Time-->

2.30 2.40 2.50





#25

2-Butanone

Concen: 6.869 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013894.D

Acq: 10 Dec 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

RPC-WG

Tot Ion: 43 Resp: 31288

Ion Ratio Lower Upper

43 100

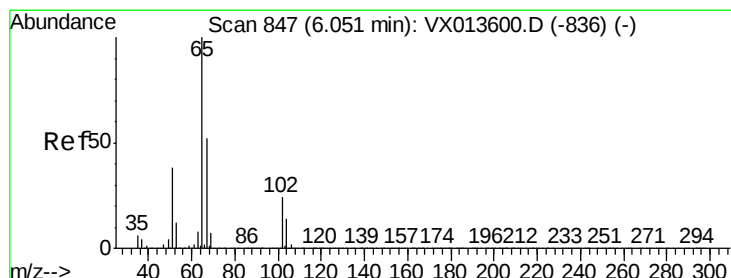
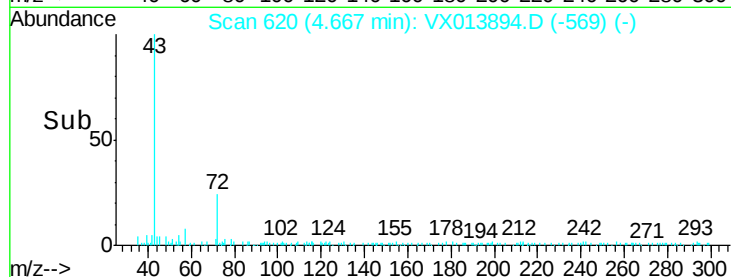
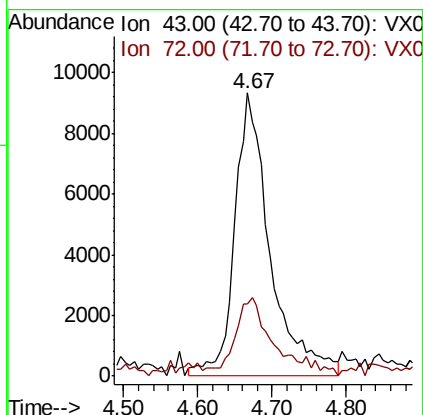
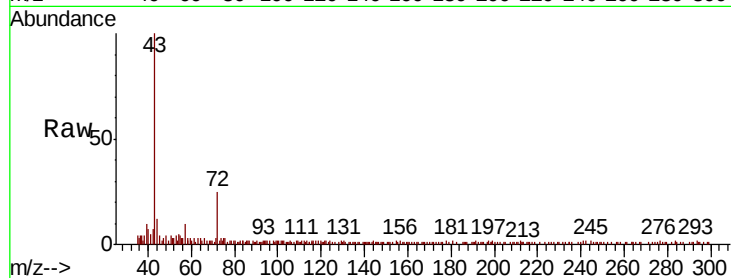
72 26.1 20.6 31.0

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 49.499 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013894.D

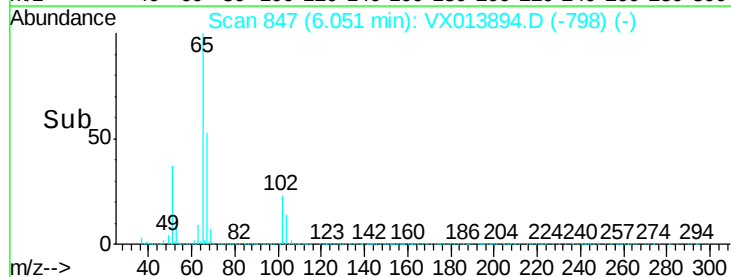
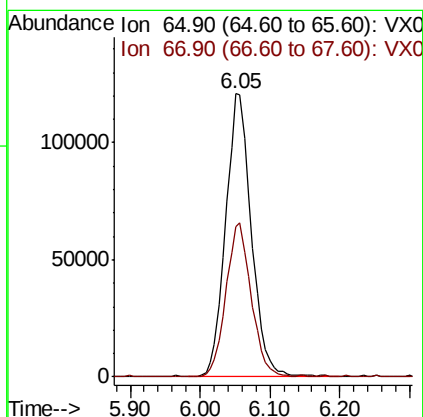
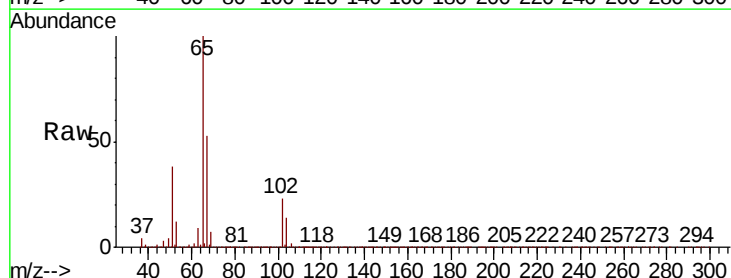
Acq: 10 Dec 2019 13:39

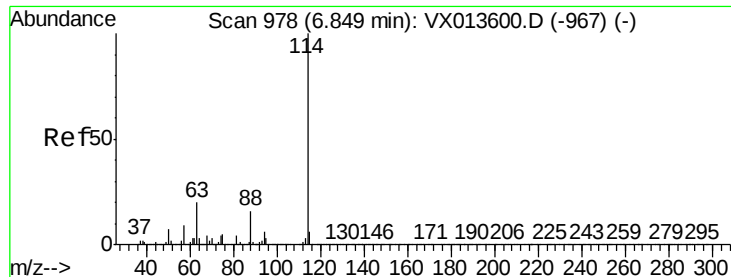
Tgt Ion: 65 Resp: 307282

Ion Ratio Lower Upper

65 100

67 53.7 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: VX013894.D

Acq: 10 Dec 2019 13:39

Instrument :

MSVOA_X

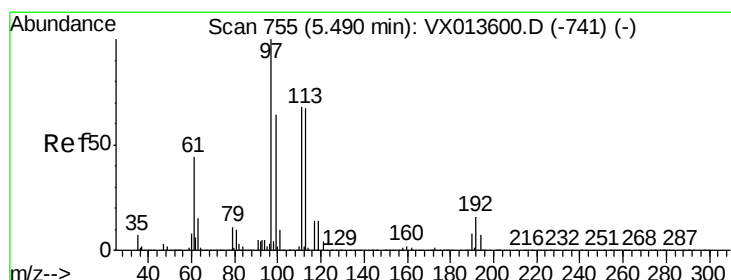
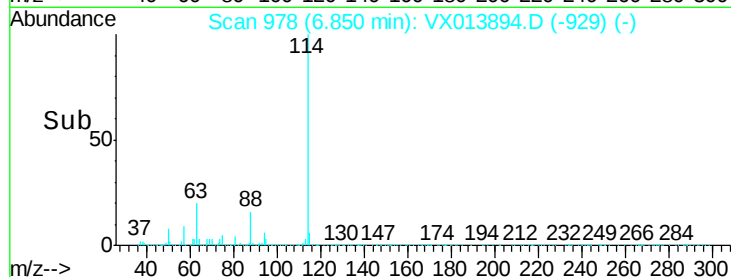
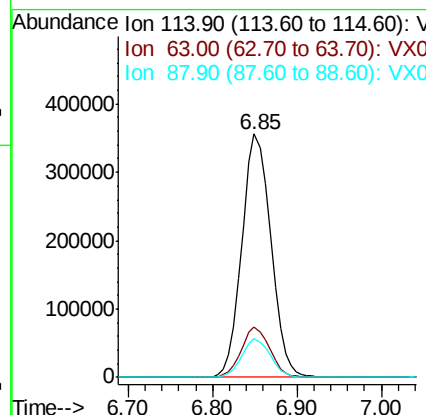
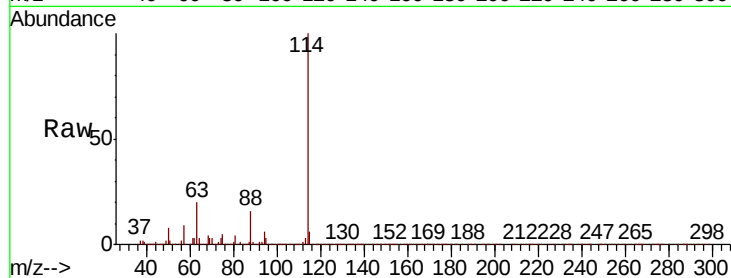
ClientSampleId :

RPC-WG

Tot Ion:	114	Resp:	828481
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	39.6
88	15.9	0.0	31.4

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#35

Dibromofluoromethane

Concen: 48.856 ug/l

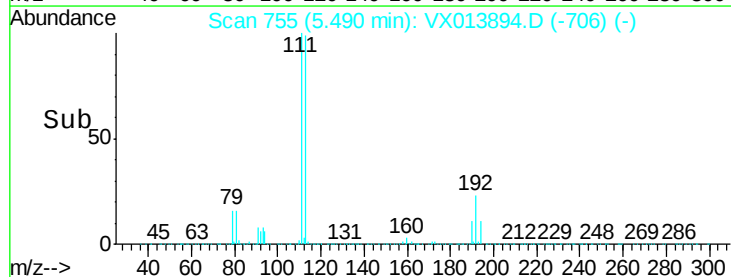
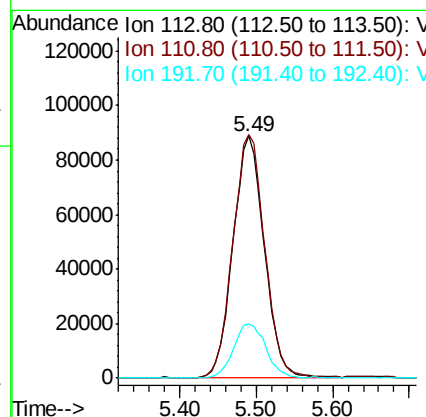
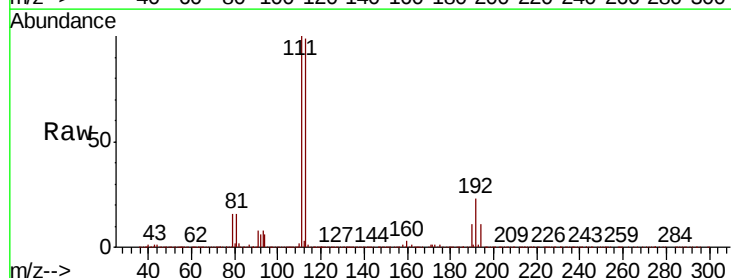
RT: 5.49 min Scan# 755

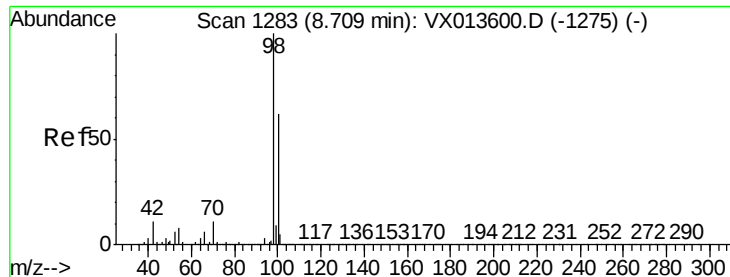
Delta R.T. 0.00 min

Lab File: VX013894.D

Acq: 10 Dec 2019 13:39

Tgt Ion:	113	Resp:	250227
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.6	125.4
192	23.4	19.2	28.8





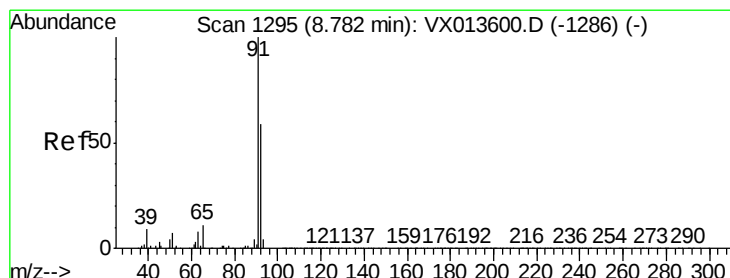
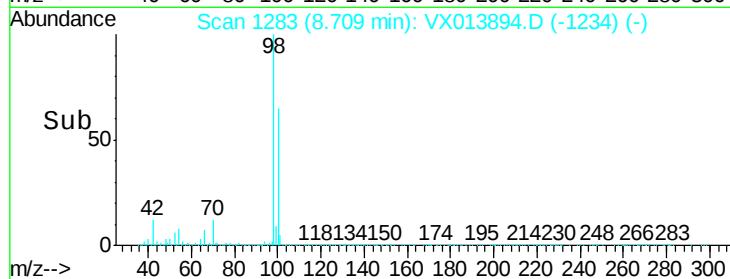
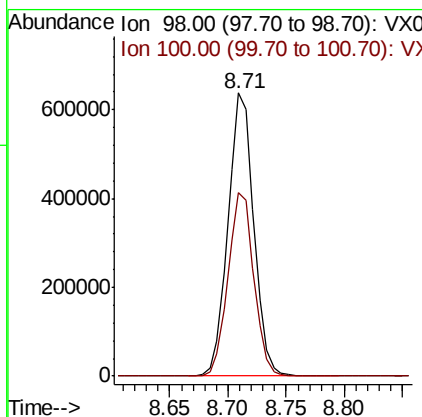
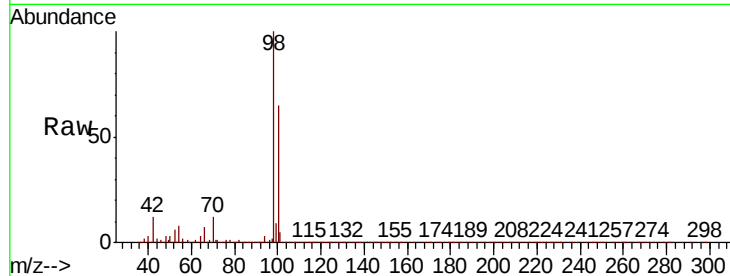
#50
Toluene-d8
Concen: 49.165 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013894.D
Acq: 10 Dec 2019 13:39

Instrument :
MSVOA_X
ClientSampled :
RPC-WG

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.1	79.7

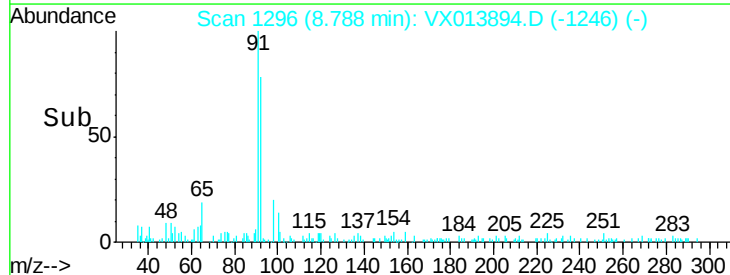
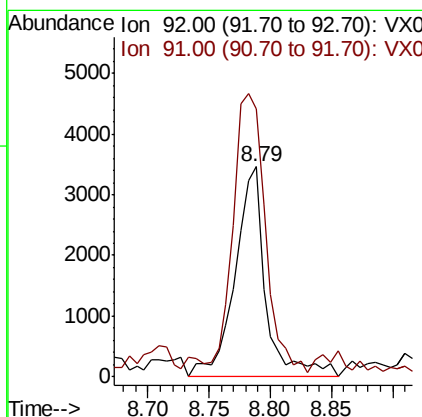
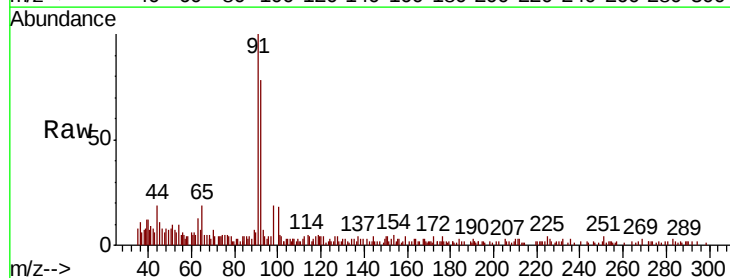
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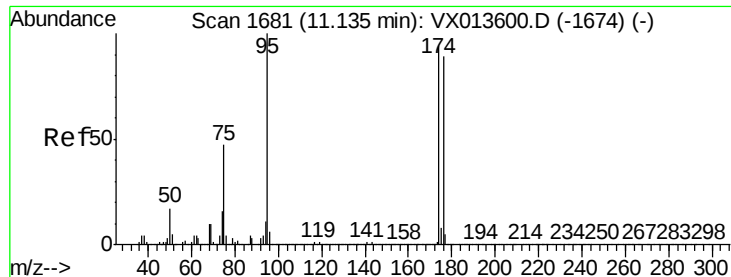
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#52
Toluene
Concen: 0.422 ug/l
RT: 8.79 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VX013894.D
Acq: 10 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
92	100		
91	139.1	136.2	204.2





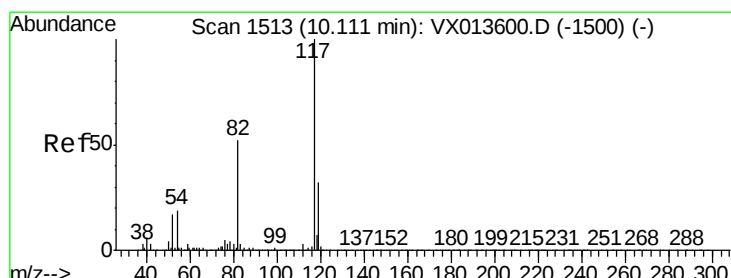
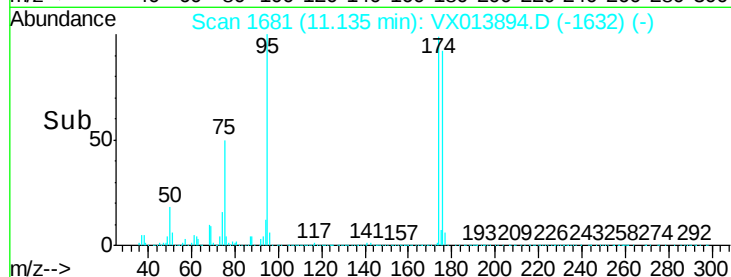
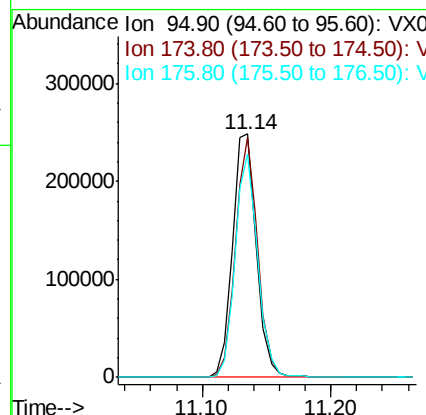
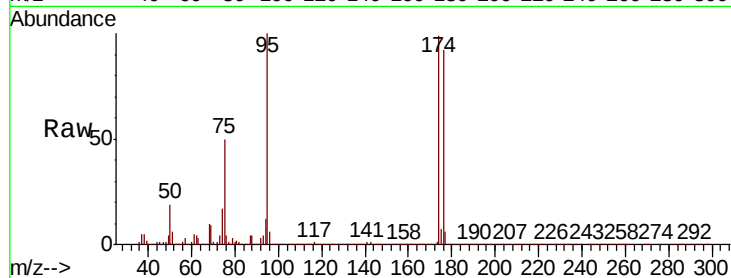
#62
4-Bromofluorobenzene
Concen: 44.860 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013894.D
Acq: 10 Dec 2019 13:39

Instrument :
MSVOA_X
ClientSampled :
RPC-WG

Tot Ion	Ratio	Resp	Lower	Upper
95	100	322807		
174	91.8	0.0	180.0	
176	86.8	0.0	173.6	

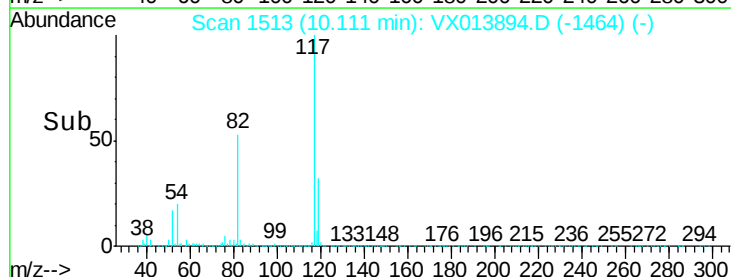
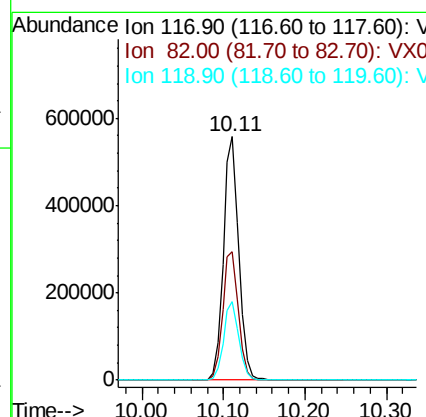
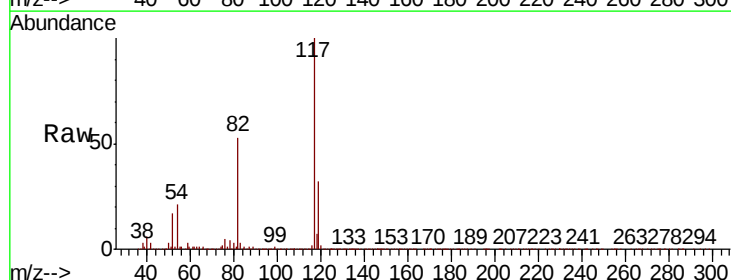
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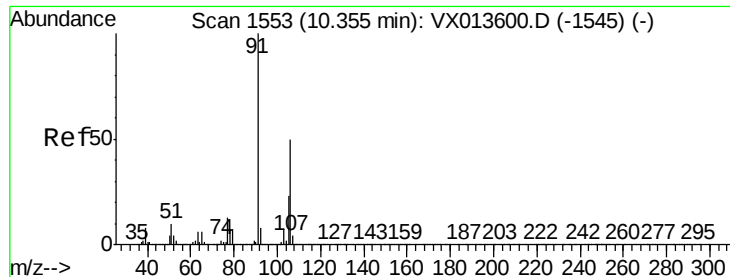
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013894.D
Acq: 10 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	738294		
82	52.9	41.8	62.8	
119	32.3	25.8	38.8	





#68

m/p-Xvlenes

Concen: 0.388 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013894.D

Acq: 10 Dec 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

RPC-WG

Tot Ion:106 Resp: 3914

Ion Ratio Lower Upper

106 100

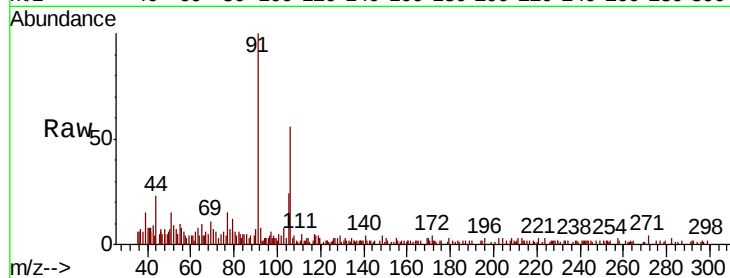
91 184.1 159.0 238.4

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

6000

5000

4000

3000

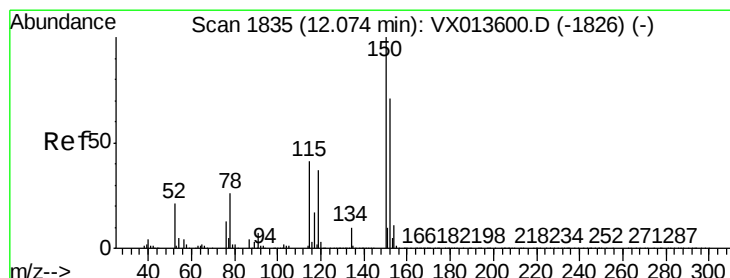
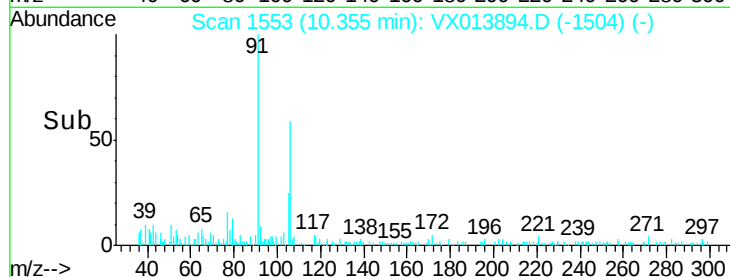
2000

1000

0

10.30 10.35 10.40 10.45

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013894.D

Acq: 10 Dec 2019 13:39

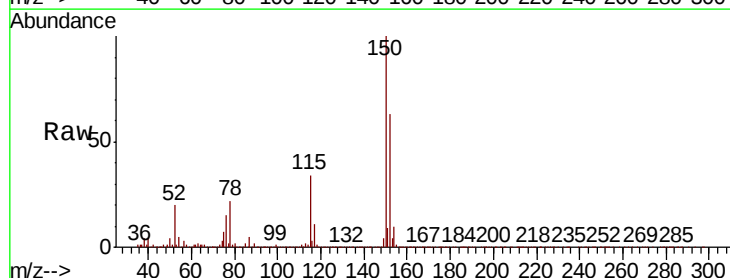
Tgt Ion:152 Resp: 328553

Ion Ratio Lower Upper

152 100

115 55.2 38.4 115.1

150 159.2 0.0 346.8



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

600000

500000

400000

300000

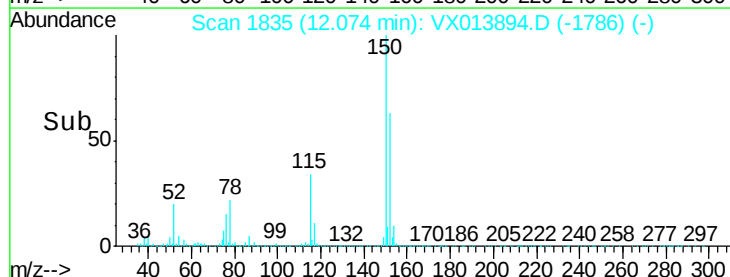
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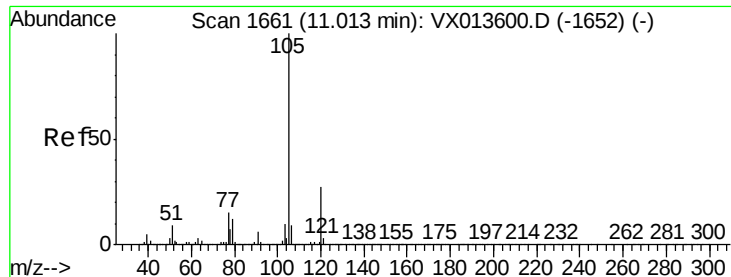
100000

0

12.00 12.05 12.10 12.15

Time-->





#73

Isopropylbenzene

Concen: 0.231 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013894.D

Acq: 10 Dec 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

RPC-WG

Tot Ion: 105 Resp: 5325

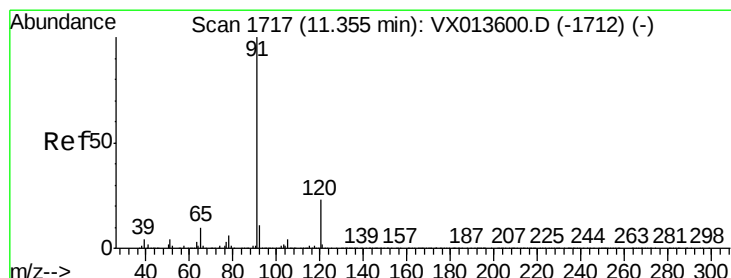
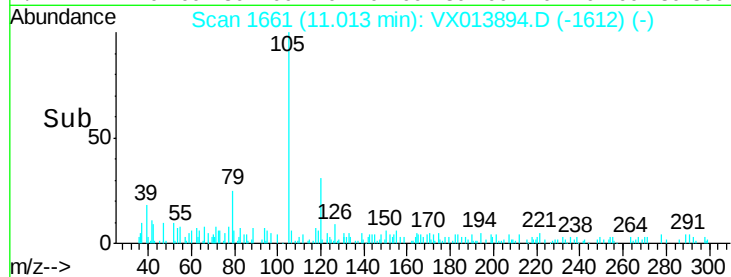
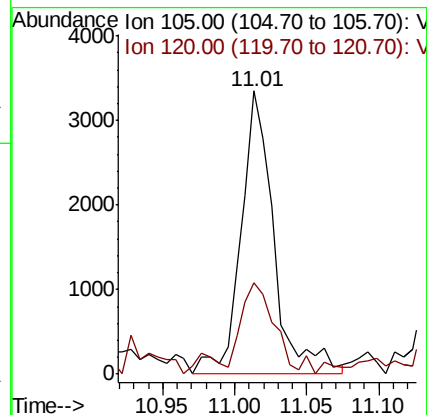
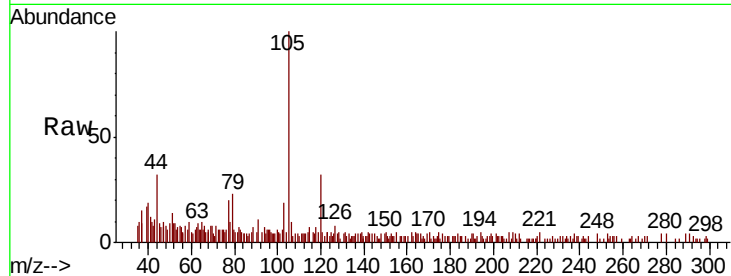
Ion Ratio Lower Upper

105 100

120 28.9 13.5 40.5

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#78

n-propylbenzene

Concen: 0.342 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013894.D

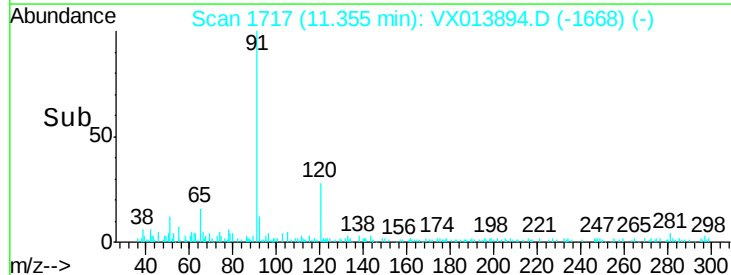
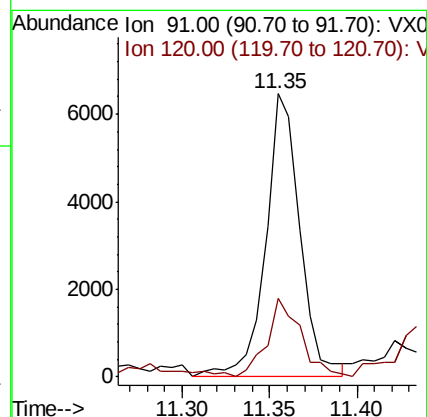
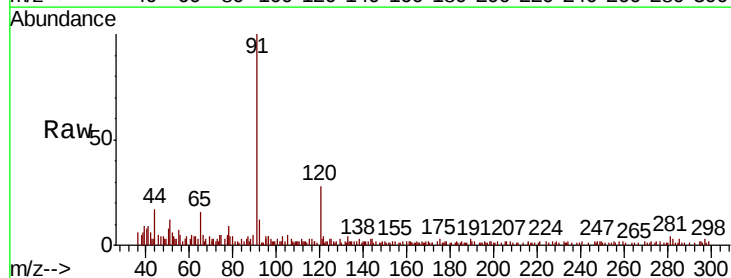
Acq: 10 Dec 2019 13:39

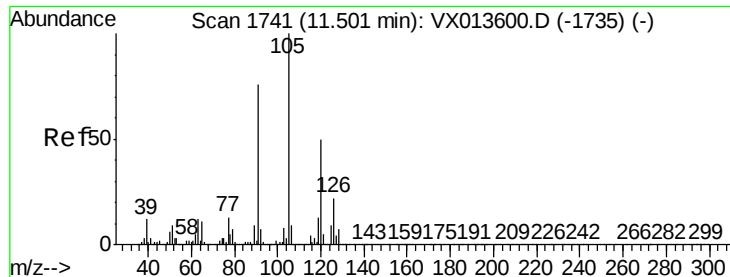
Tgt Ion: 91 Resp: 8807

Ion Ratio Lower Upper

91 100

120 27.6 11.8 35.3





#80

1,3,5-Trimethylbenzene

Concen: 0.266 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013894.D

Acq: 10 Dec 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

RPC-WG

Tot Ion:105 Resp: 5030

Ion Ratio Lower Upper

105 100

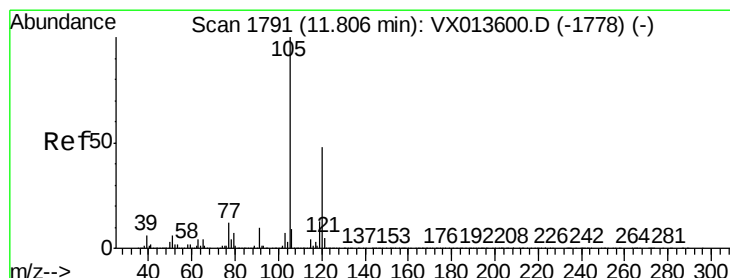
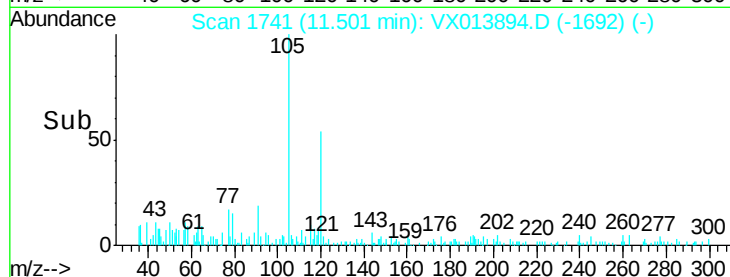
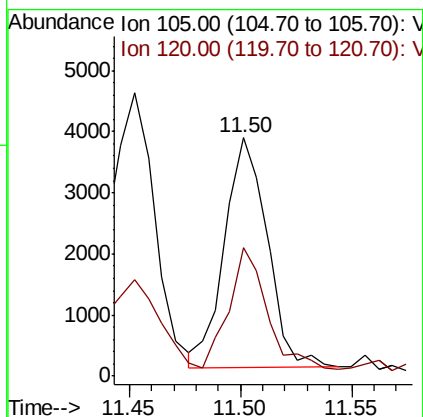
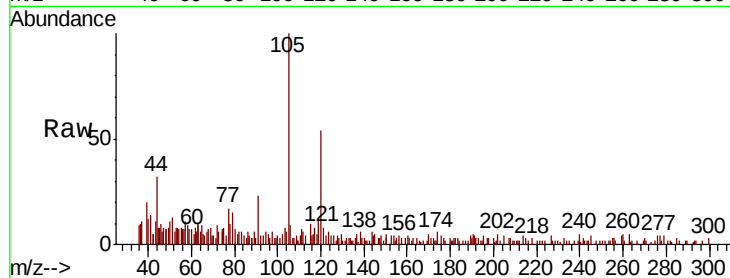
120 48.4 25.3 75.9

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 1.109 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013894.D

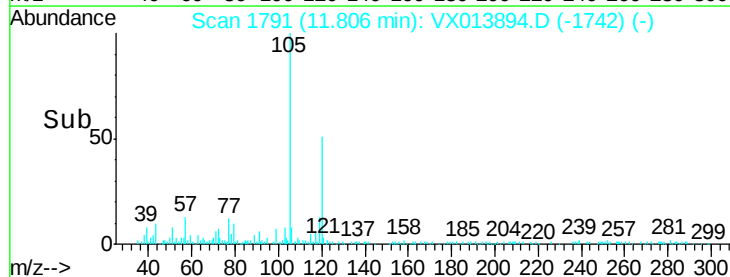
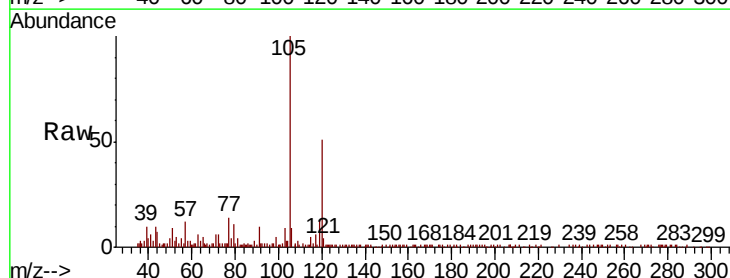
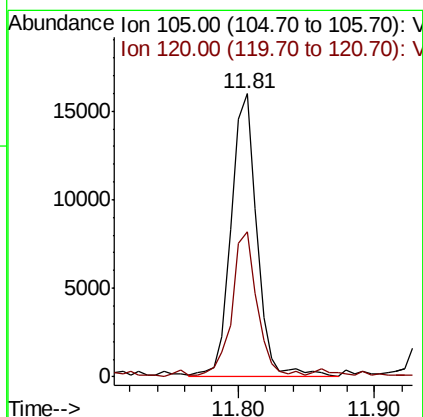
Acq: 10 Dec 2019 13:39

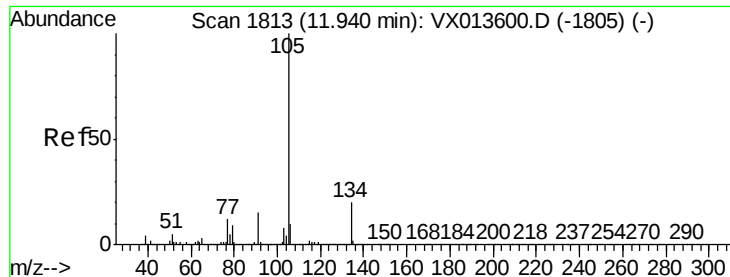
Tgt Ion:105 Resp: 21267

Ion Ratio Lower Upper

105 100

120 48.5 23.1 69.3





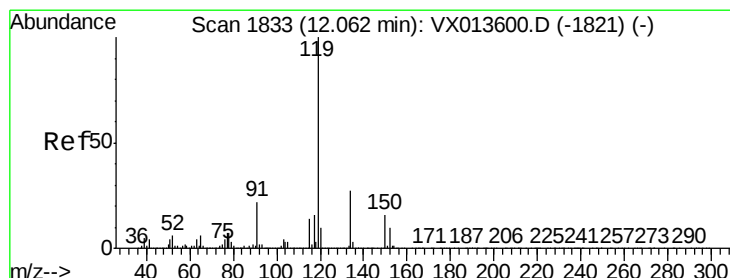
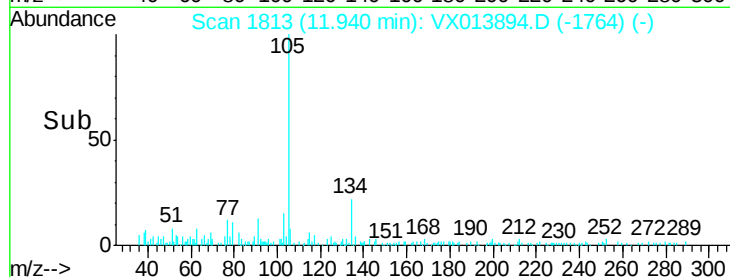
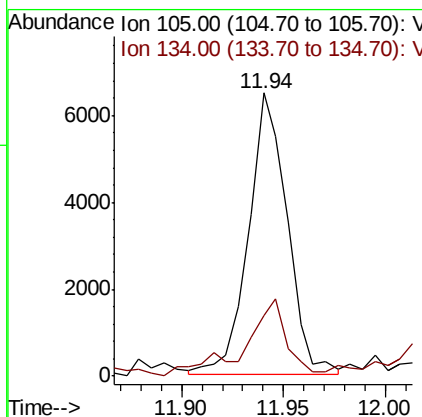
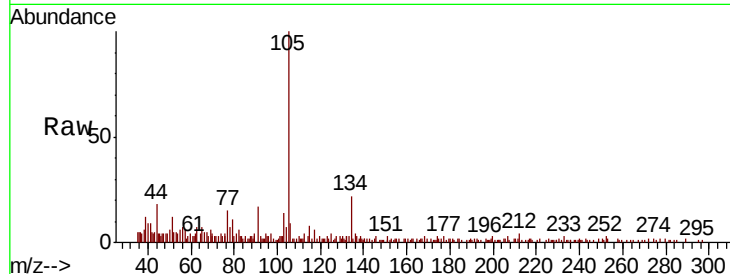
#85
 sec-Butylbenzene
 Concen: 0.390 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013894.D
 Acq: 10 Dec 2019 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RPC-WG

Tot Ion	Ratio	Lower	Upper
105	100		
134	30.9	10.4	31.2

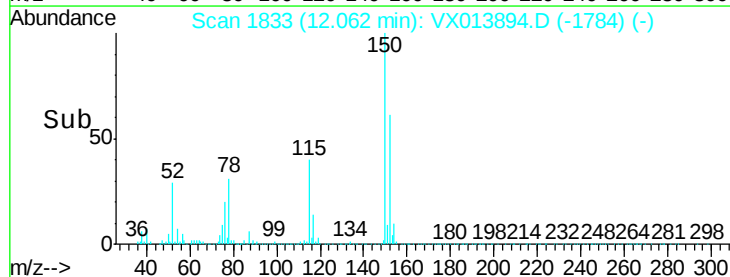
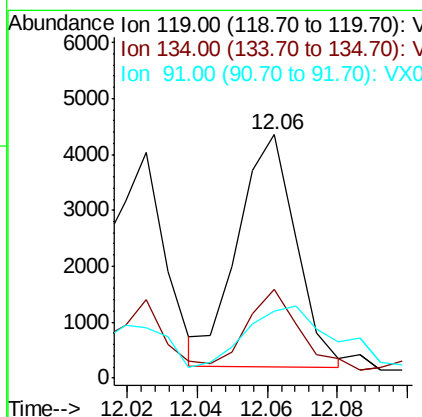
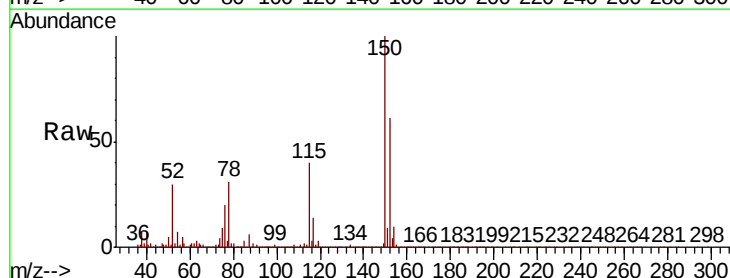
Manual Integrations
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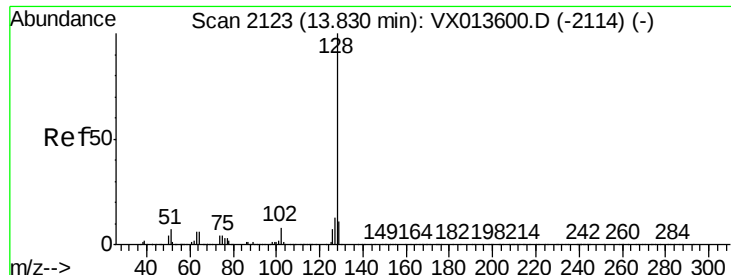
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#86
 p-Isopropyltoluene
 Concen: 0.234 ug/l m
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013894.D
 Acq: 10 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	35.5	13.3	39.9
91	30.1	11.3	33.8





#95
Naphthalene
Concen: 0.914 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013894.D
Acq: 10 Dec 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
RPC-WG

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	15.5	10.3	15.5#
129	20.3	8.7	13.1#

Manual Integrations
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