

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013759.D
 Acq On : 04 Dec 2019 19:00
 Operator : JC/SP
 Sample : K6098-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C6-GW

Manual Integrations
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 12/5/2019 11:25:24 AM

Quant Time: Dec 05 04:16:28 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	700094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1046292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	936674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	451644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	378149	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
35) Dibromofluoromethane	5.48	113	316185	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	1234974	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	431424	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
16) Acetone	2.43	43	87288	21.756	ug/l	97
17) Carbon Disulfide	2.56	76	7222	0.380	ug/l #	77
25) 2-Butanone	4.67	43	21745	3.647	ug/l #	90
73) Isopropylbenzene	11.01	105	23272	0.735	ug/l	96
78) n-propylbenzene	11.35	91	26365	0.745	ug/l	94
83) tert-Butylbenzene	11.76	119	6879	0.261	ug/l	73
85) sec-Butylbenzene	11.94	105	27200m	0.902	ug/l	
89) n-Butylbenzene	12.39	91	11253	0.471	ug/l #	78

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

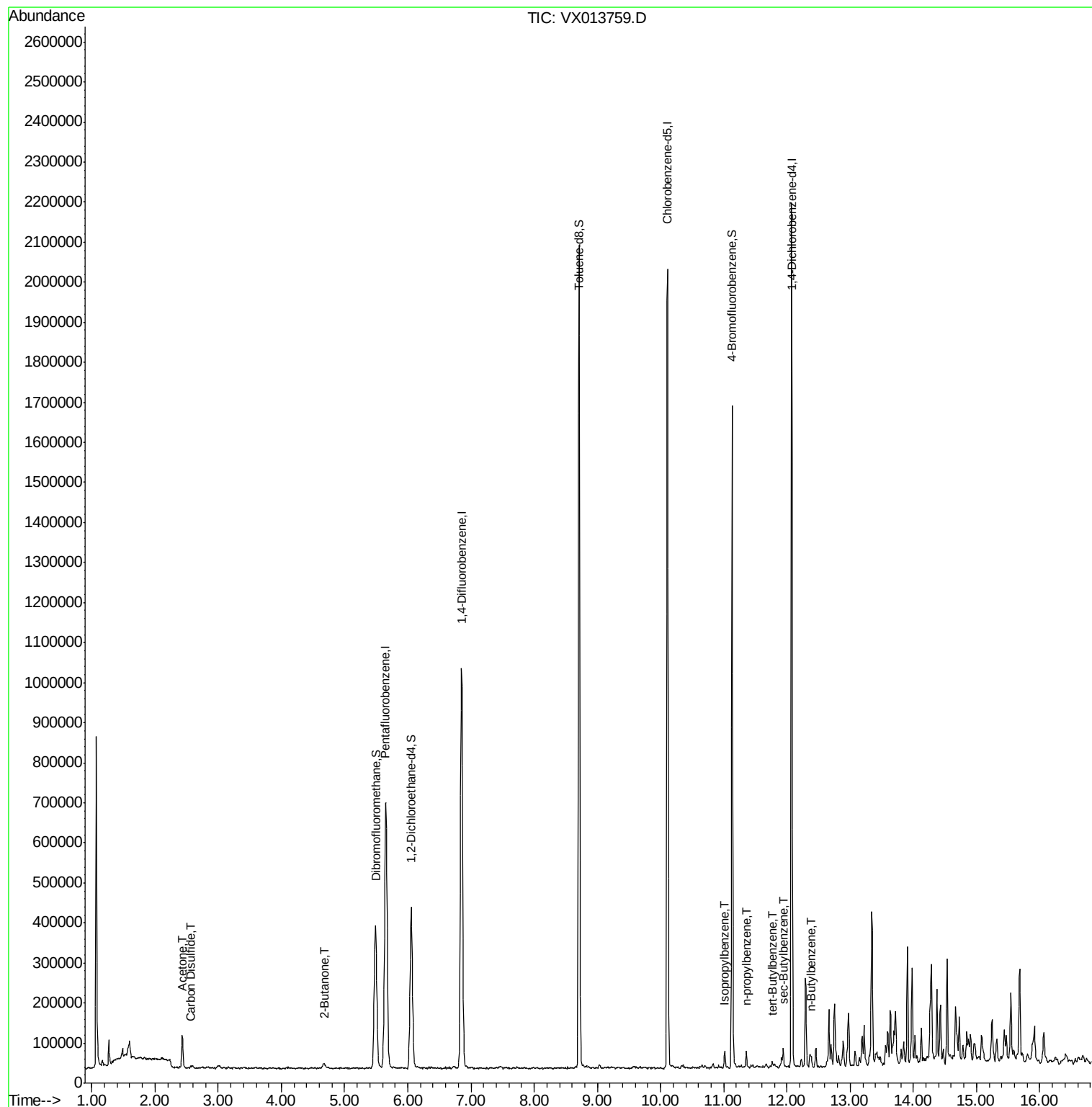
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013759.D
Acq On : 04 Dec 2019 19:00
Operator : JC/SP
Sample : K6098-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

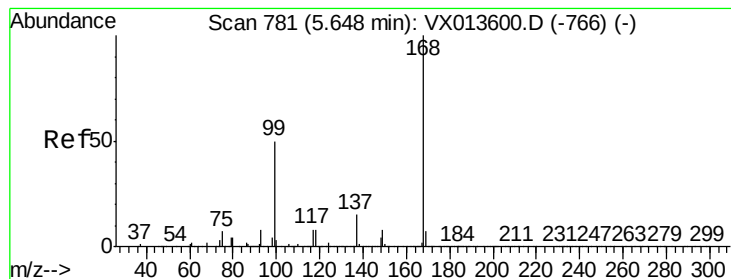
Instrument :
MSVOA_X
ClientSampleId :
OWL-C6-GW

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Quant Time: Dec 05 04:16:28 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: VX013759.D

Acq: 04 Dec 2019 19:00

Instrument :

MSVOA_X

ClientSampled :

OWL-C6-GW

Tot Ion: 168 Resp: 700094

Ion Ratio Lower Upper

168 100

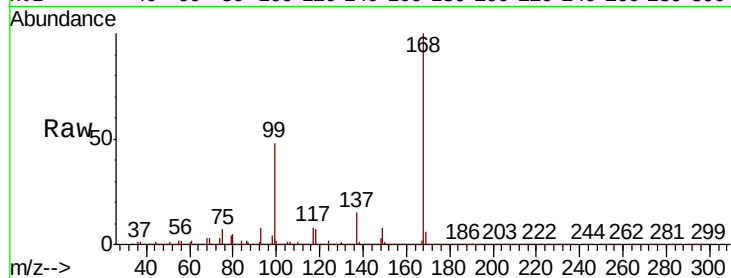
99 48.1 39.8 59.8

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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

250000

200000

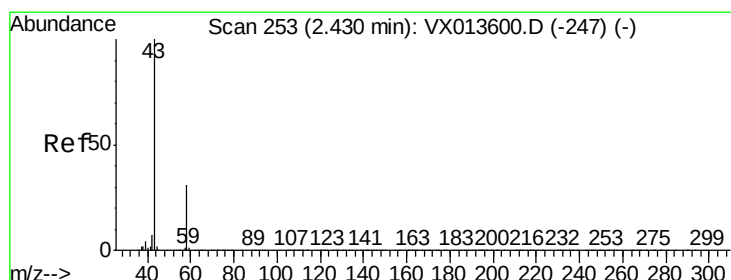
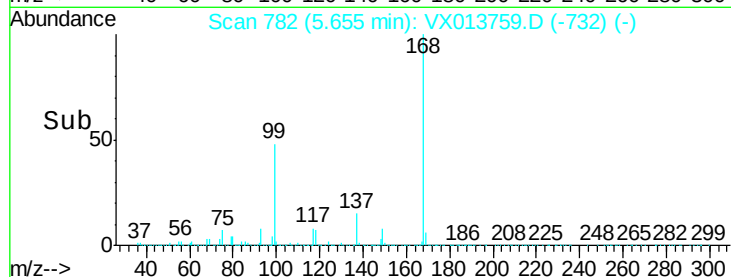
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 21.756 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013759.D

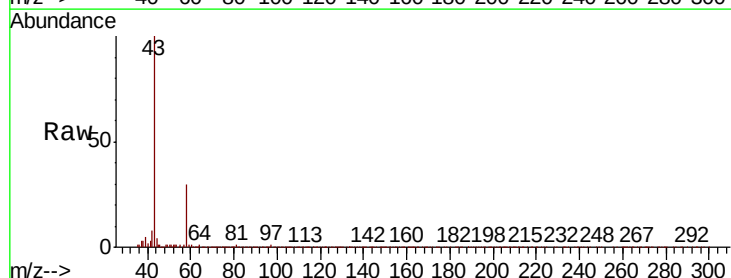
Acq: 04 Dec 2019 19:00

Tgt Ion: 43 Resp: 87288

Ion Ratio Lower Upper

43 100

58 29.3 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

60000

50000

40000

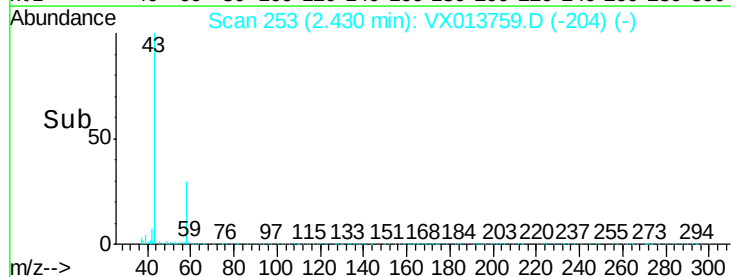
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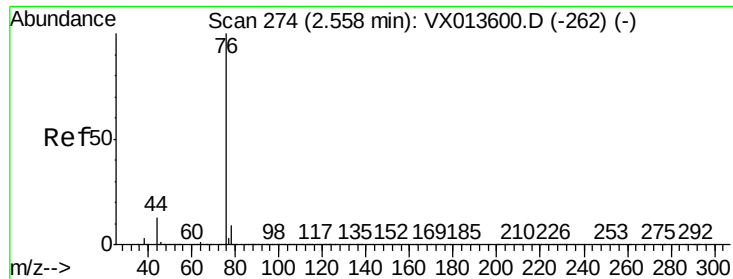
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 0.380 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013759.D

Acq: 04 Dec 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

OWL-C6-GW

Tot Ion: 76 Resp: 7222

Ion Ratio Lower Upper

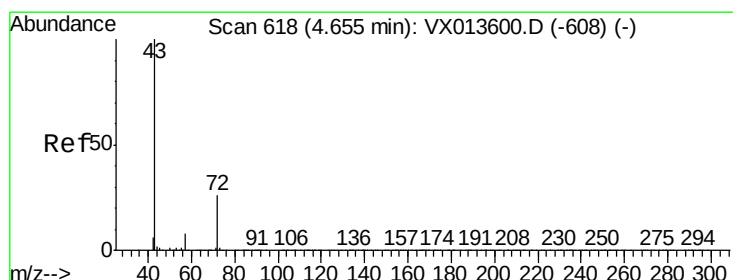
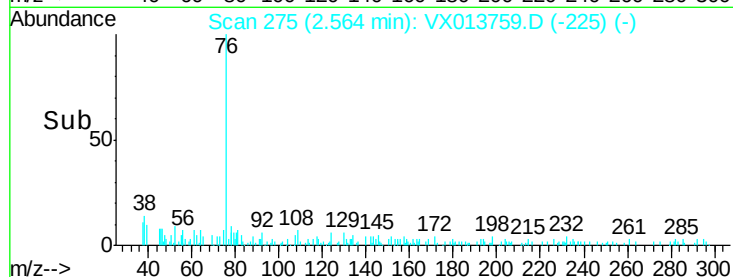
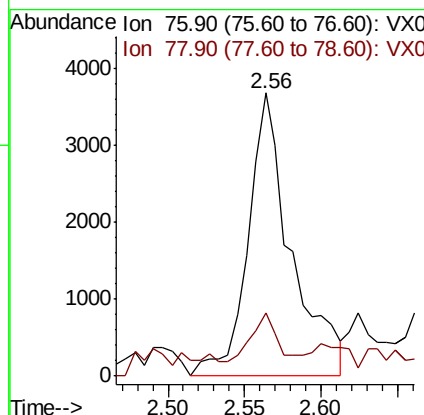
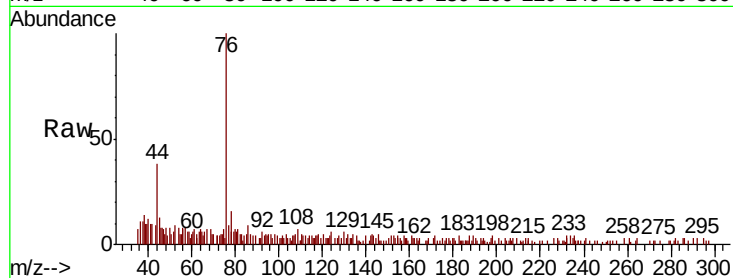
76 100

78 17.4 7.2 10.8#

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#25

2-Butanone

Concen: 3.647 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.02 min

Lab File: VX013759.D

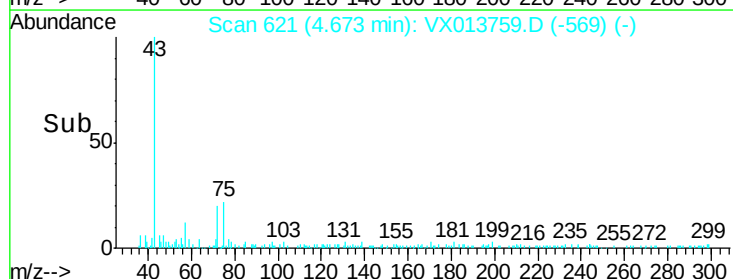
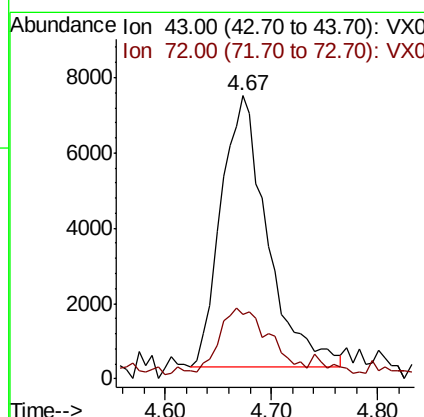
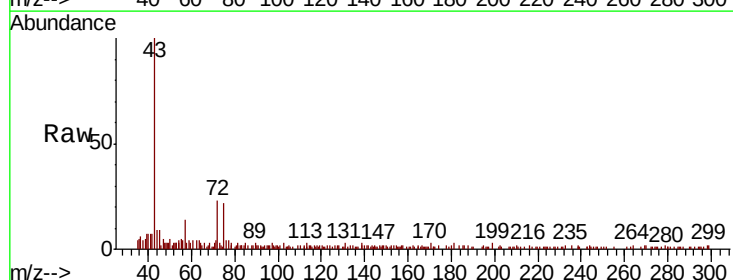
Acq: 04 Dec 2019 19:00

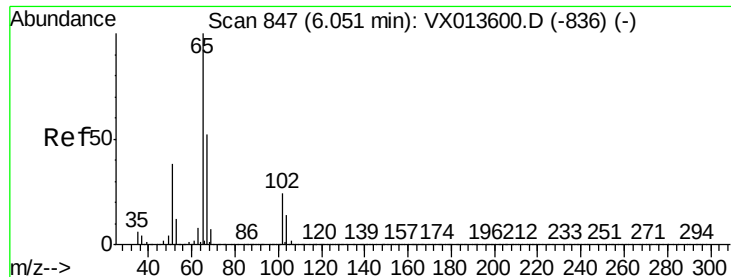
Tgt Ion: 43 Resp: 21745

Ion Ratio Lower Upper

43 100

72 20.6 20.6 31.0#





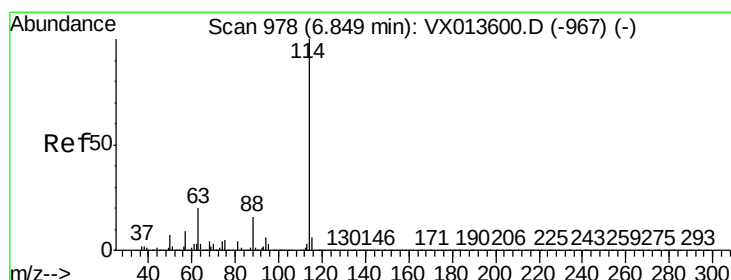
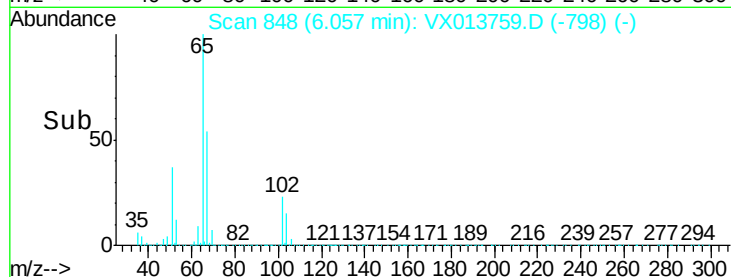
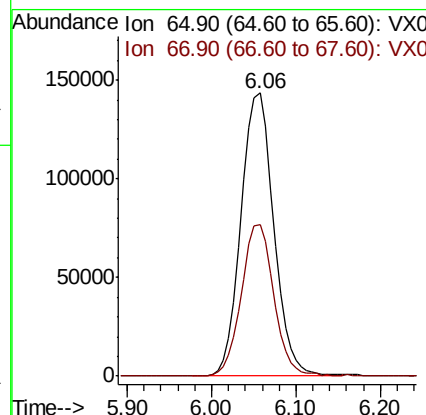
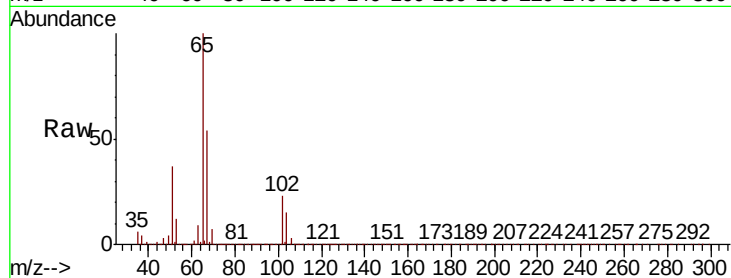
#33
 1,2-Dichloroethane-d4
 Concen: 46.533 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013759.D
 Acq: 04 Dec 2019 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C6-GW

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4

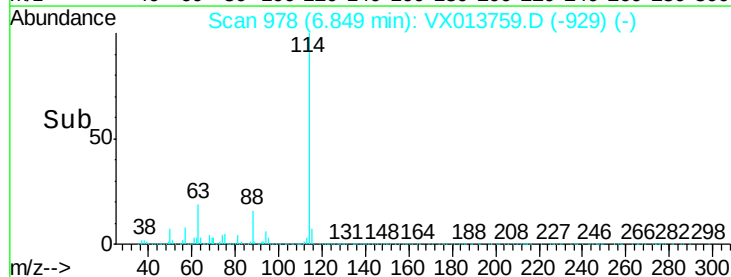
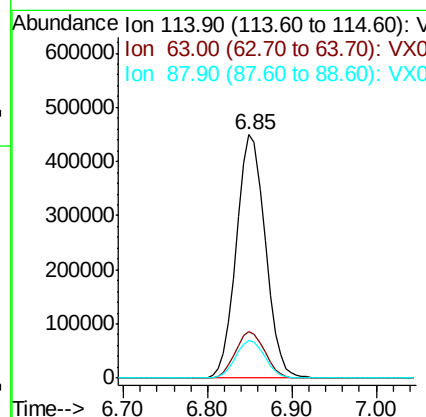
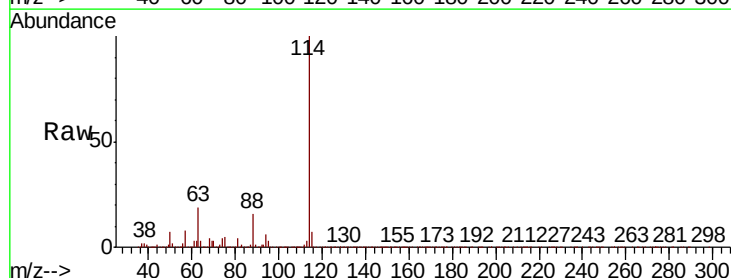
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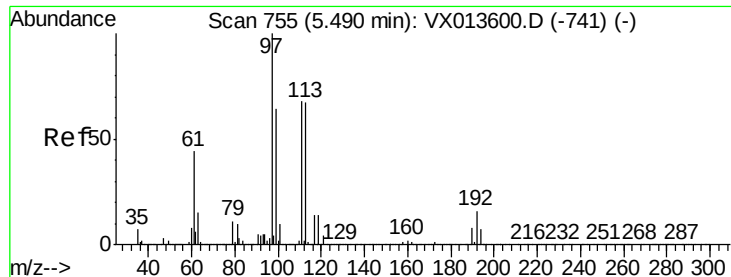
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013759.D
 Acq: 04 Dec 2019 19:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.6	0.0	31.4





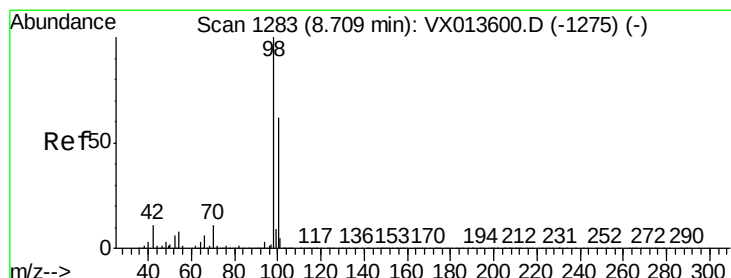
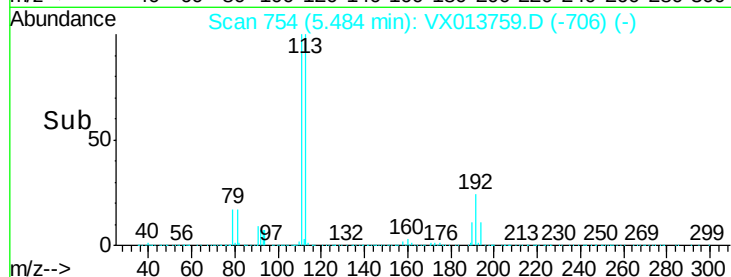
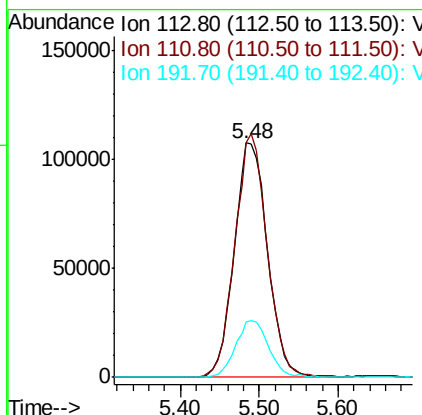
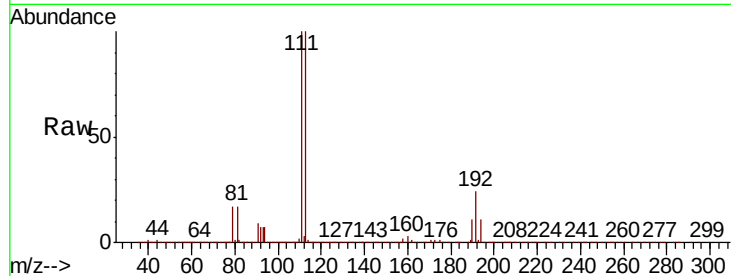
#35
Dibromofluoromethane
Concen: 48.882 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013759.D
Acq: 04 Dec 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
OWL-C6-GW

Tot Ion	Ratio	Resp	Lower	Upper
113	100	316185		
111	99.8	83.6	125.4	
192	23.7	19.2	28.8	

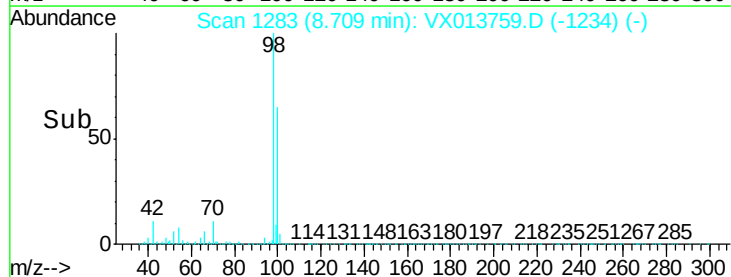
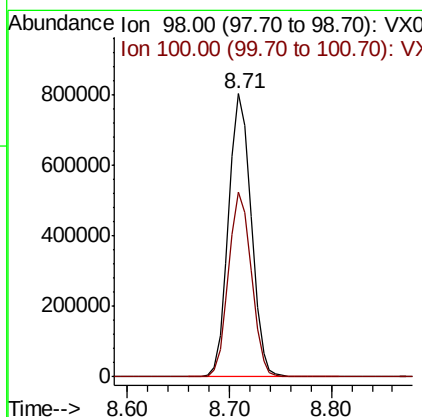
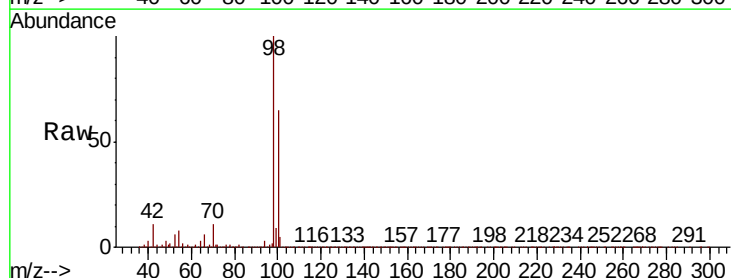
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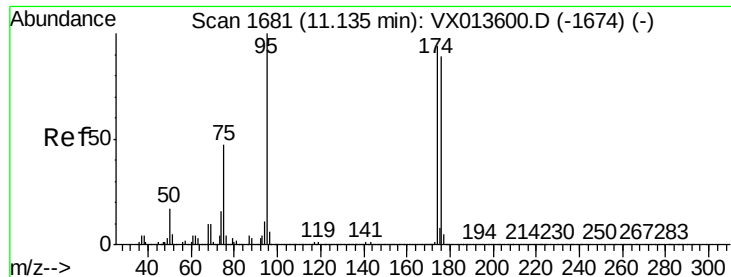
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#50
Toluene-d8
Concen: 49.004 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013759.D
Acq: 04 Dec 2019 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1234974		
100	65.6	53.1	79.7	





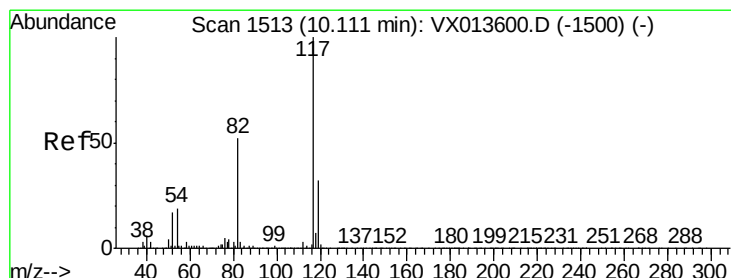
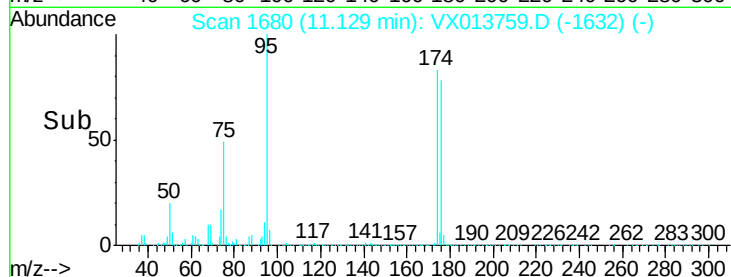
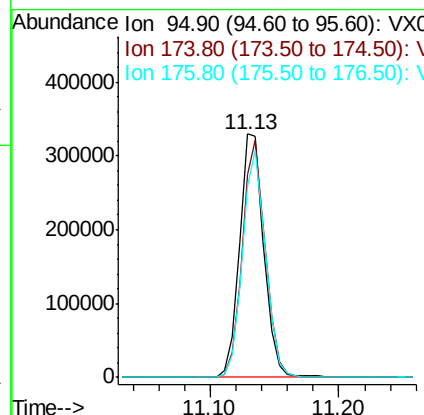
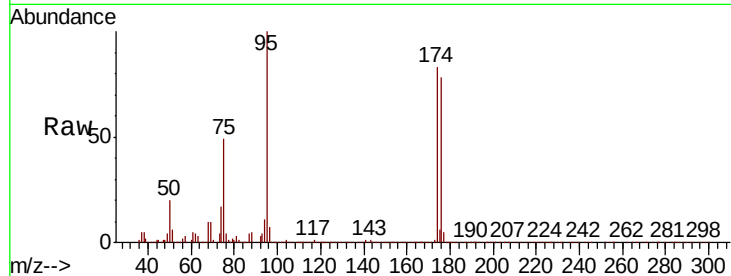
#62
4-Bromofluorobenzene
Concen: 47.474 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013759.D
Acq: 04 Dec 2019 19:00

Instrument :
MSVOA_X
ClientSampled :
OWL-C6-GW

Tot Ion	Ratio	Resp	Lower	Upper
95	100	431424		
174	91.8	0.0	180.0	
176	88.4	0.0	173.6	

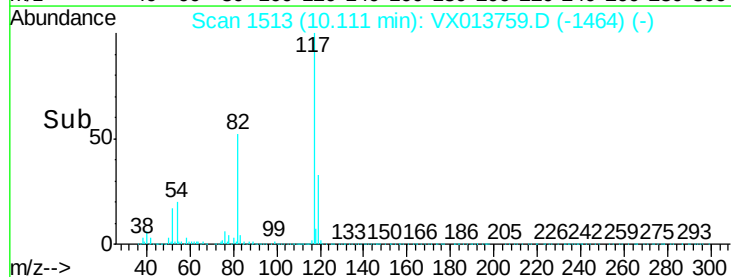
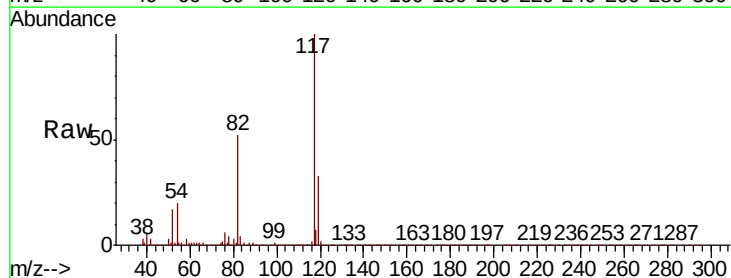
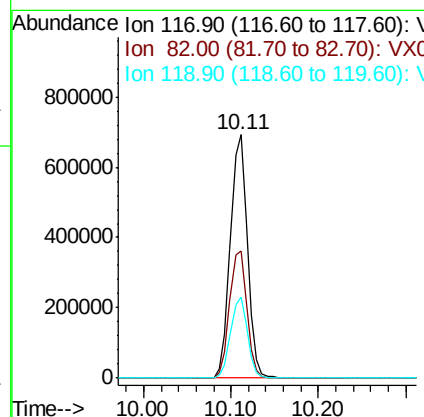
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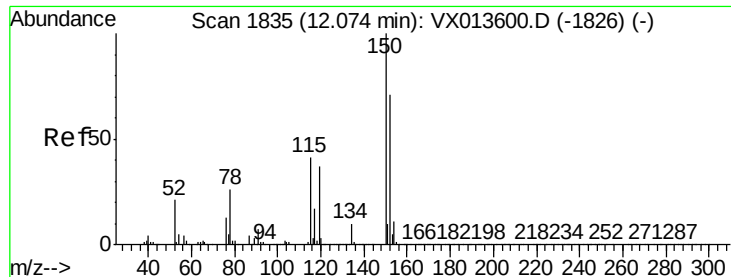
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12/5/2019 11:25:24 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013759.D
Acq: 04 Dec 2019 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	936674		
82	52.4	41.8	62.8	
119	33.2	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: VX013759.D

Acq: 04 Dec 2019 19:00

Instrument :

MSVOA_X

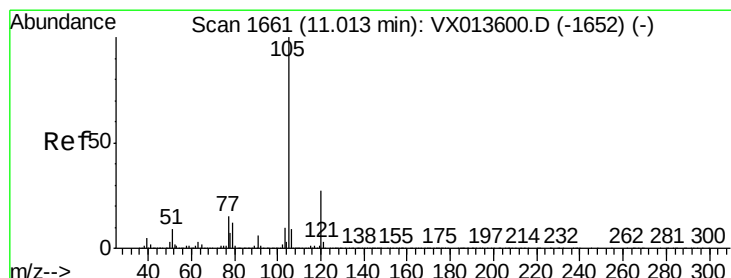
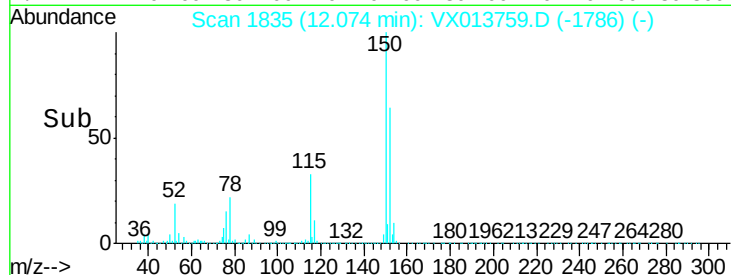
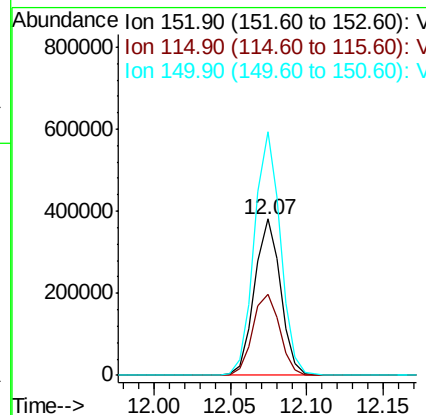
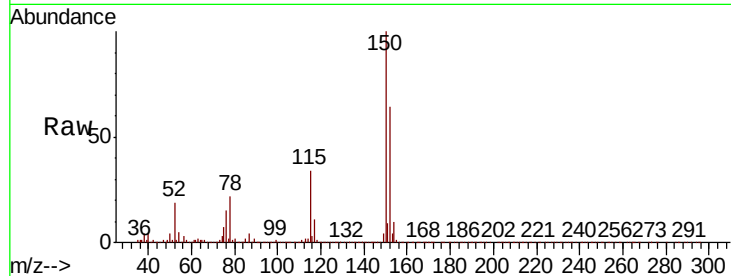
ClientSampleId :

OWL-C6-GW

Tot Ion:	152	Resp:	451644
Ion Ratio	Lower	Upper	
152	100		
115	54.3	38.4	115.1
150	156.2	0.0	346.8

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#73

Isopropylbenzene

Concen: 0.735 ug/l

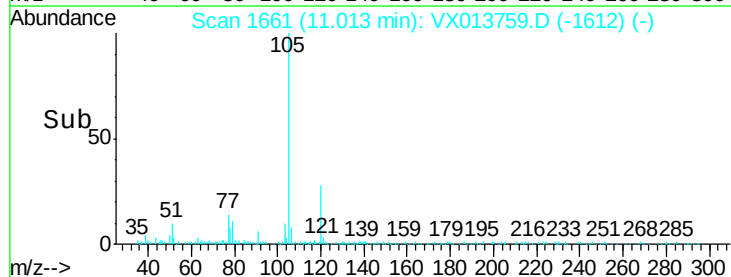
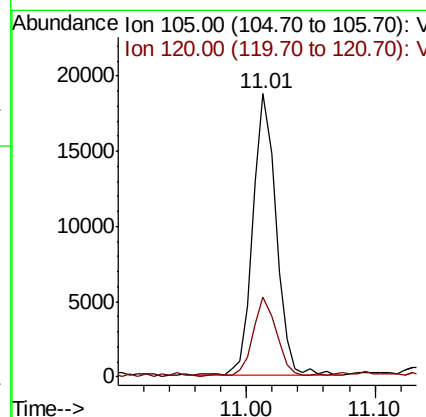
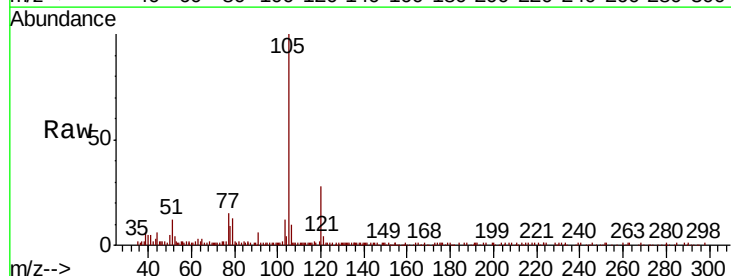
RT: 11.01 min Scan# 1661

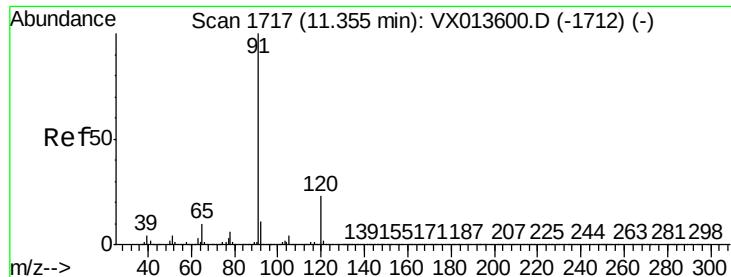
Delta R.T. -0.00 min

Lab File: VX013759.D

Acq: 04 Dec 2019 19:00

Tgt Ion:	105	Resp:	23272
Ion Ratio	Lower	Upper	
105	100		
120	29.2	13.5	40.5





#78

n-propylbenzene

Concen: 0.745 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013759.D

Acq: 04 Dec 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

OWL-C6-GW

Tot Ion: 91 Resp: 26365

Ion Ratio Lower Upper

91 100

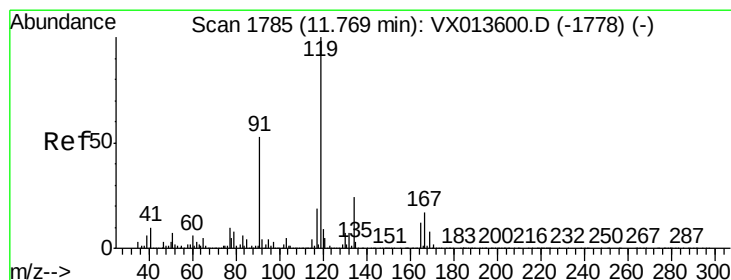
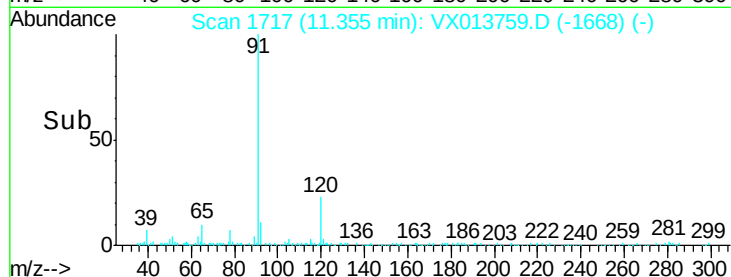
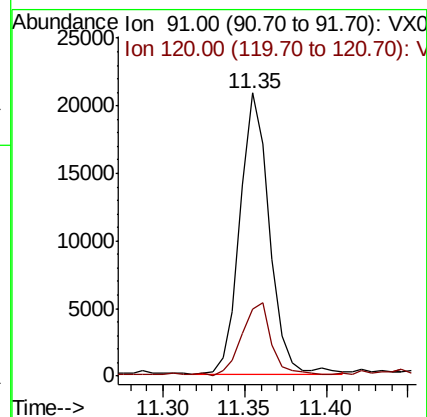
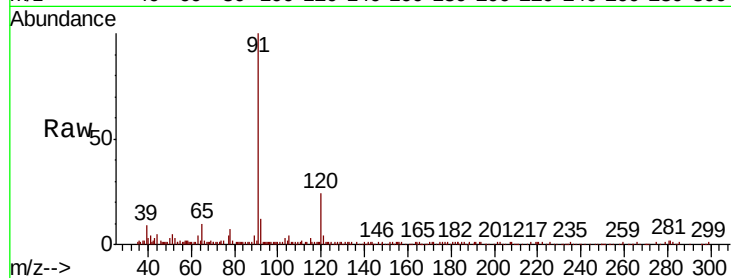
120 26.6 11.8 35.3

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#83

tert-Butylbenzene

Concen: 0.261 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013759.D

Acq: 04 Dec 2019 19:00

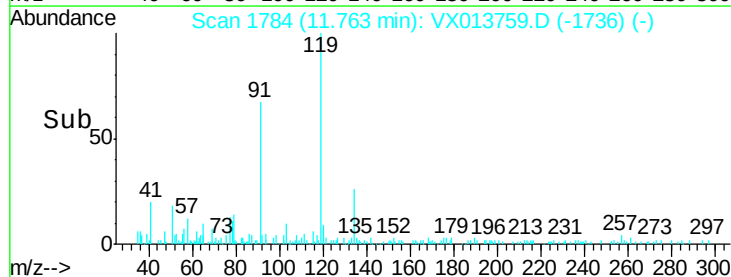
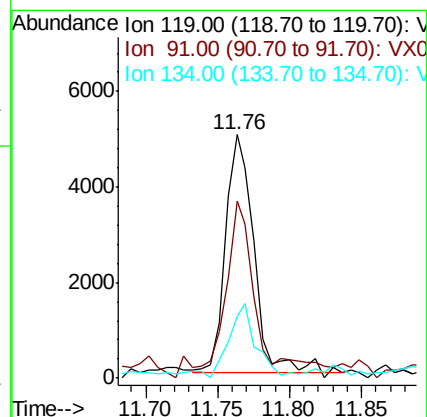
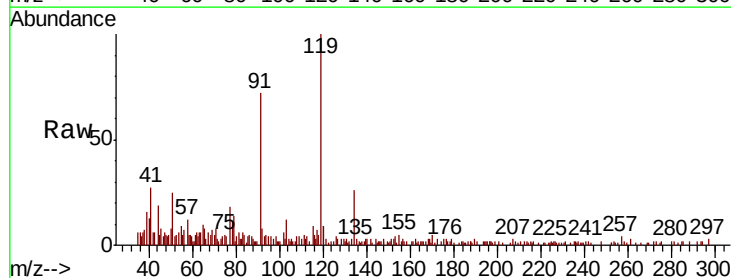
Tgt Ion: 119 Resp: 6879

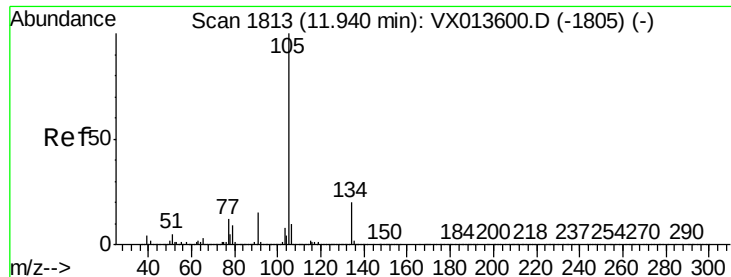
Ion Ratio Lower Upper

119 100

91 77.8 27.2 81.6

134 30.6 11.7 35.1





#85

sec-Butylbenzene

Concen: 0.902 ug/l m

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013759.D

Acq: 04 Dec 2019 19:00

Instrument :

MSVOA_X

ClientSampled :

OWL-C6-GW

Tot Ion: 105 Resp: 27200

Ion Ratio Lower Upper

105 100

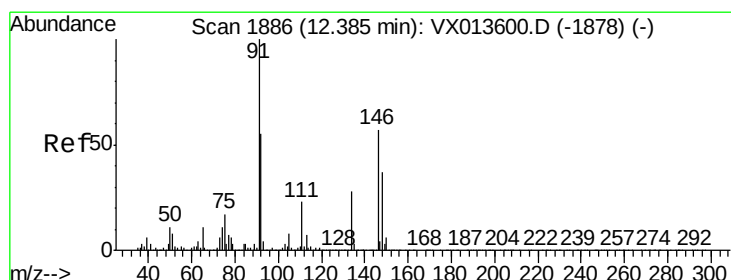
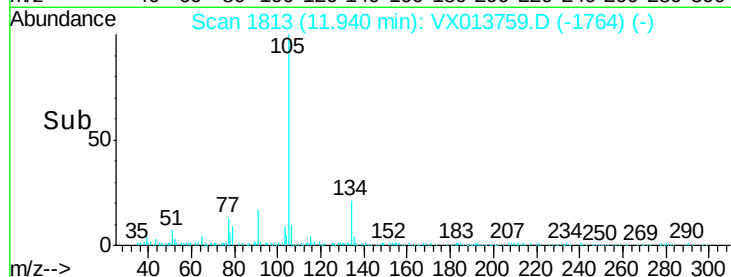
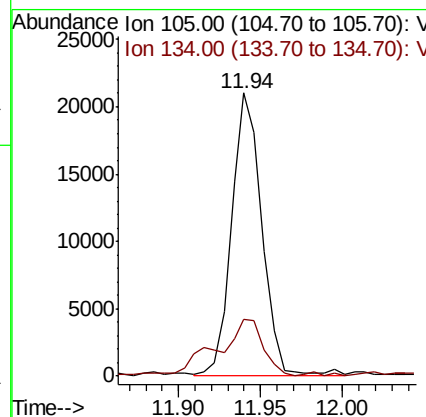
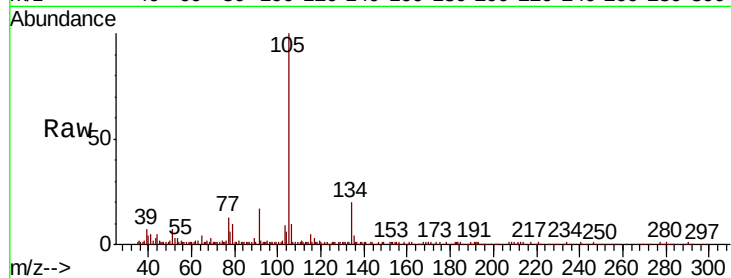
134 0.9 10.4 31.2#

Manual Integrations

APPROVED

apatel

12/5/2019 11:25:24 AM



#89

n-Butylbenzene

Concen: 0.471 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013759.D

Acq: 04 Dec 2019 19:00

Tgt Ion: 91 Resp: 11253

Ion Ratio Lower Upper

91 100

92 46.9 27.4 82.2

134 49.3 13.5 40.4#

