

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013738.D
 Acq On : 03 Dec 2019 20:27
 Operator : JC/SP
 Sample : K6084-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30740

Manual Integrations
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Quant Time: Dec 04 13:10:30 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	736621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1095778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	989821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	491485	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	386205	45.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.34%	
35) Dibromofluoromethane	5.49	113	330406	48.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.54%	
50) Toluene-d8	8.71	98	1299774	49.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	465855	48.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	91203m	21.604	ug/l	
25) 2-Butanone	4.67	43	43131	6.875	ug/l	99
31) Cyclohexane	5.57	56	1584669	125.462	ug/l	98
39) Methylcyclohexane	7.46	83	560109	45.555	ug/l	99
40) Benzene	6.13	78	822394	27.146	ug/l	99
43) Isopropyl Acetate	6.43	43	135300	7.365	ug/l	99
52) Toluene	8.78	92	328898	17.476	ug/l	99
68) m/p-Xylenes	10.35	106	65864	4.872	ug/l	97
69) o-Xylene	10.70	106	14585	1.106	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	36658	1.278	ug/l	94

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

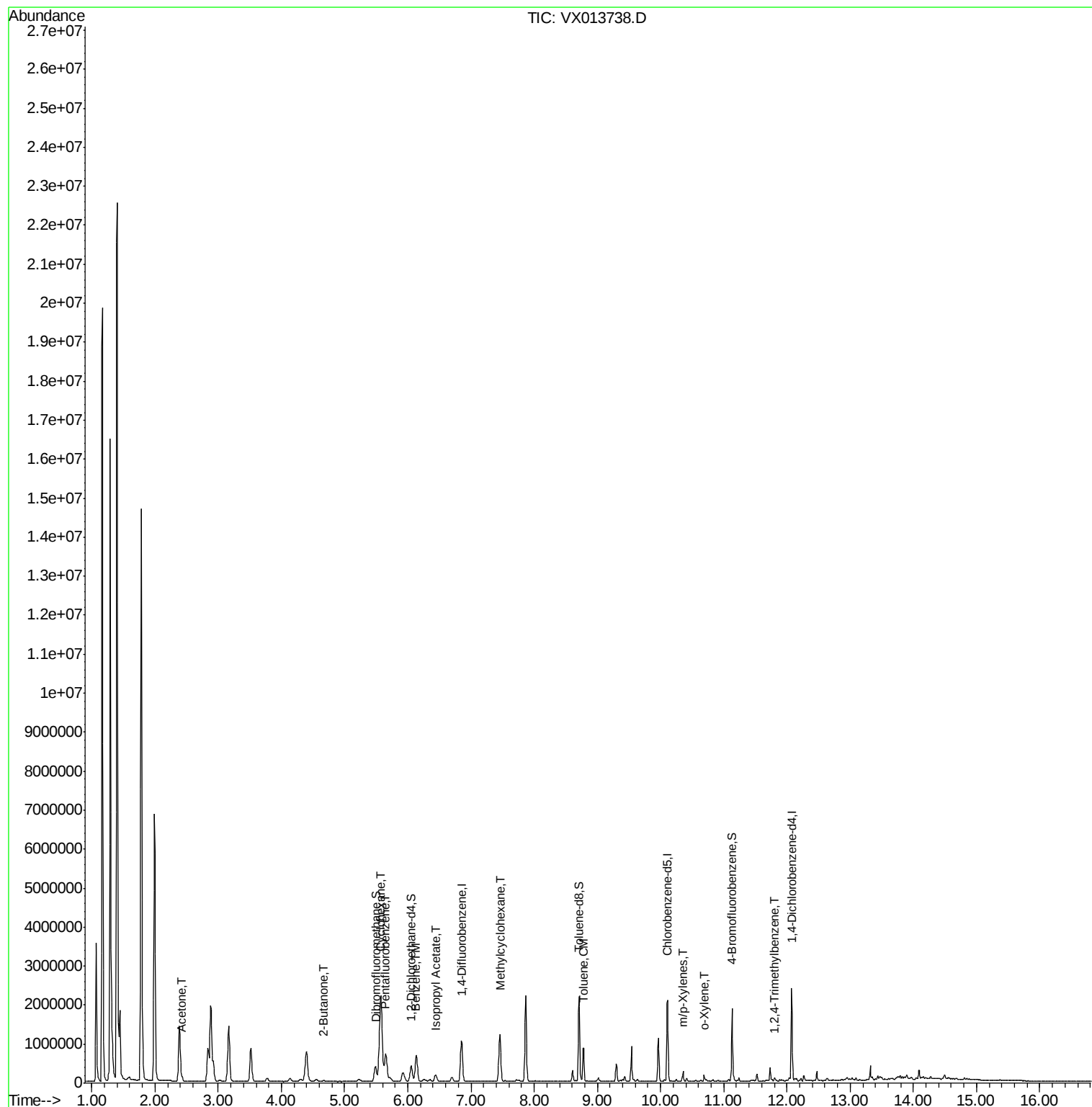
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013738.D
Acq On : 03 Dec 2019 20:27
Operator : JC/SP
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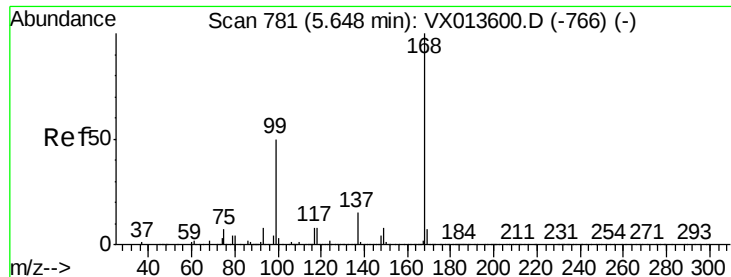
Instrument :
MSVOA_X
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30740

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Quant Time: Dec 04 13:10:30 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: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

30740

Tot Ion:168 Resp: 736621

Ion Ratio Lower Upper

168 100

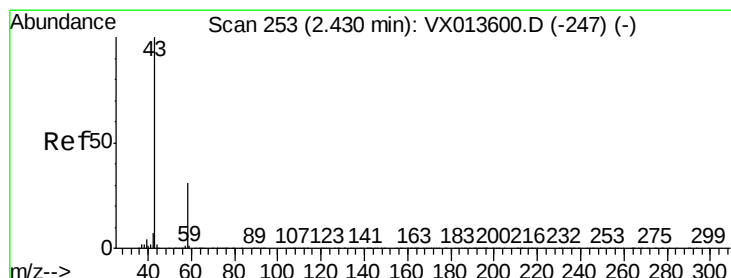
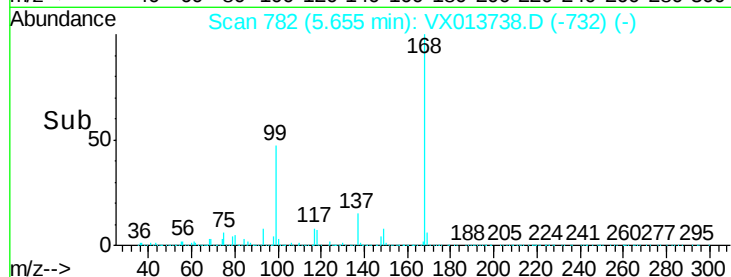
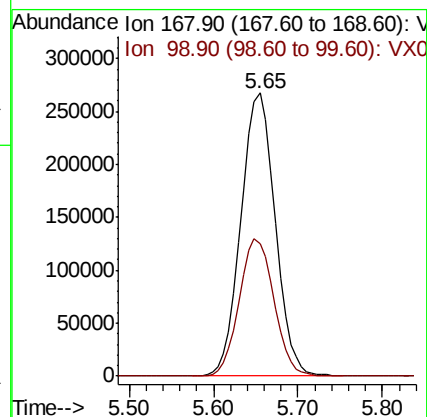
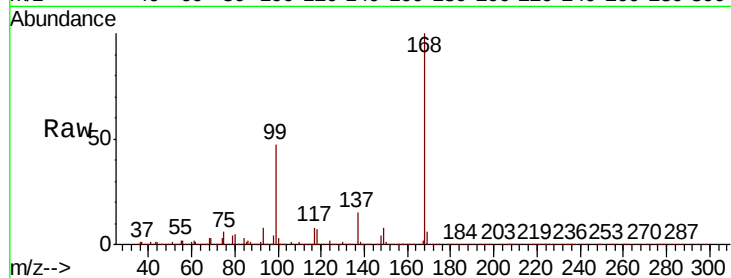
99 46.7 39.8 59.8

Manual Integrations

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#16

Acetone

Concen: 21.604 ug/l m

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013738.D

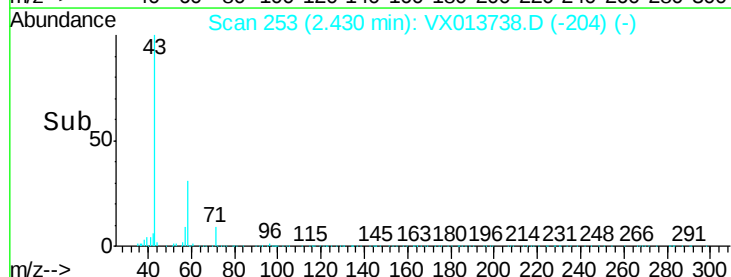
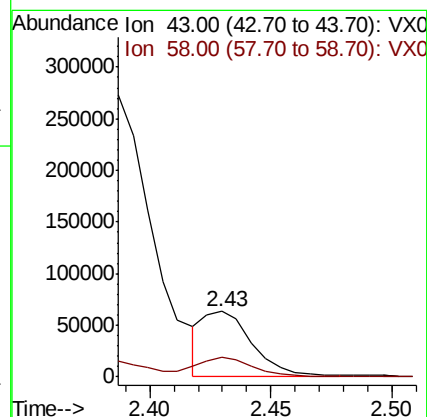
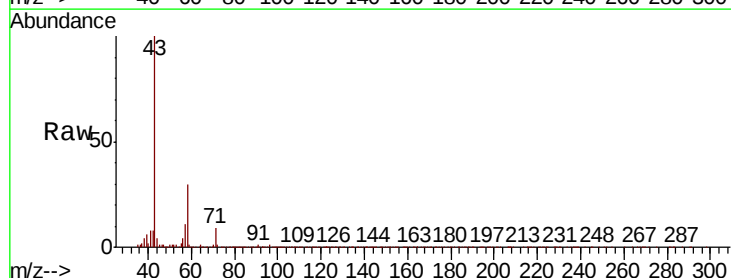
Acq: 03 Dec 2019 20:27

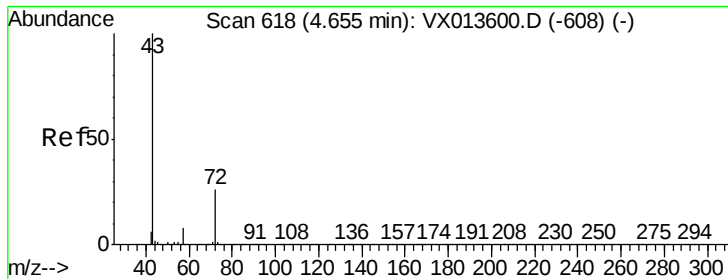
Tgt Ion: 43 Resp: 91203

Ion Ratio Lower Upper

43 100

58 30.3 24.6 36.8





#25

2-Butanone

Concen: 6.875 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

30740

Tot Ion: 43 Resp: 43131

Ion Ratio Lower Upper

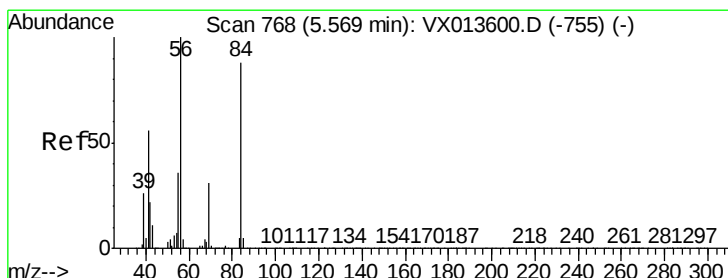
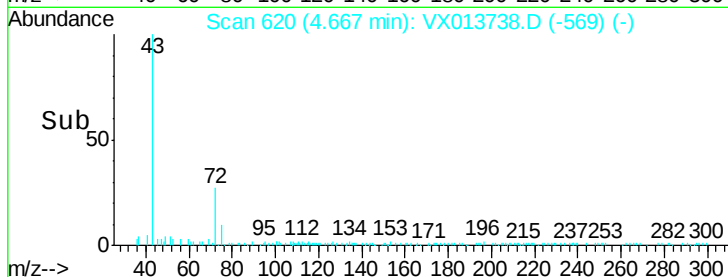
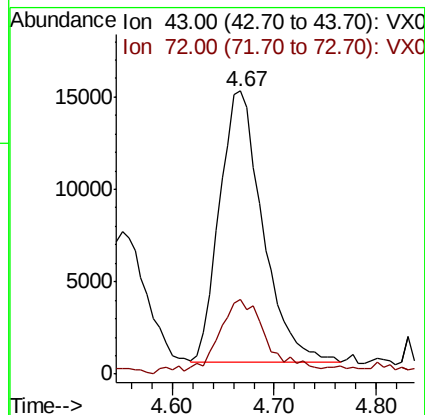
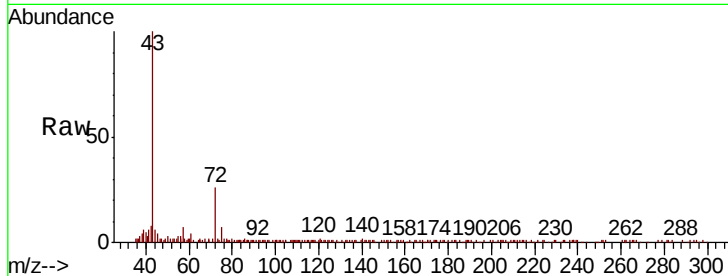
43 100

72 25.1 20.6 31.0

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#31

Cyclohexane

Concen: 125.462 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

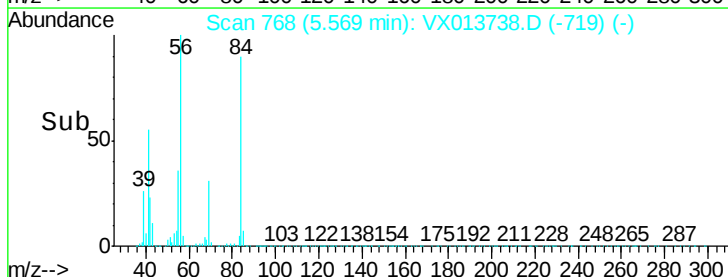
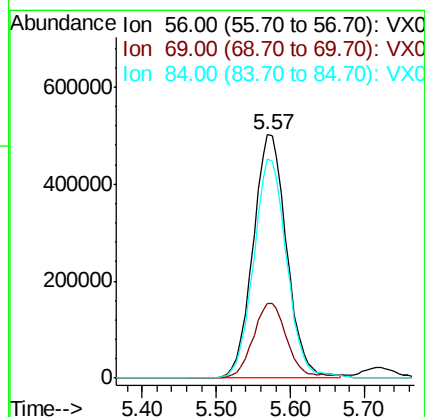
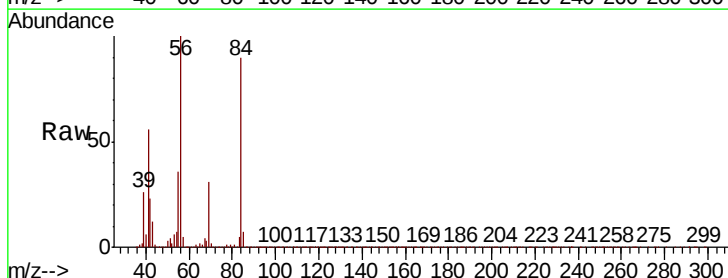
Tgt Ion: 56 Resp: 1584669

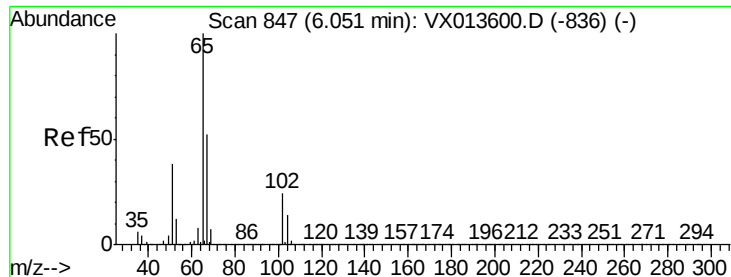
Ion Ratio Lower Upper

56 100

69 30.9 24.6 36.8

84 89.9 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 45.168 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

30740

Tot Ion: 65 Resp: 386205

Ion Ratio Lower Upper

65 100

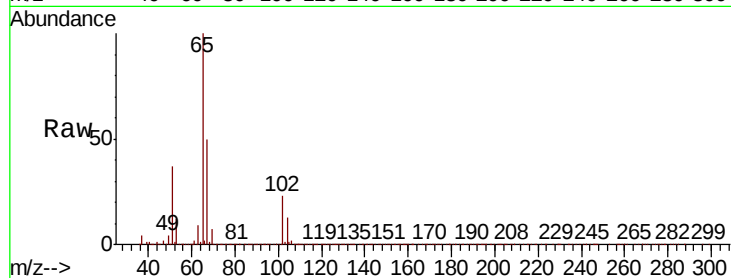
67 52.6 0.0 104.4

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

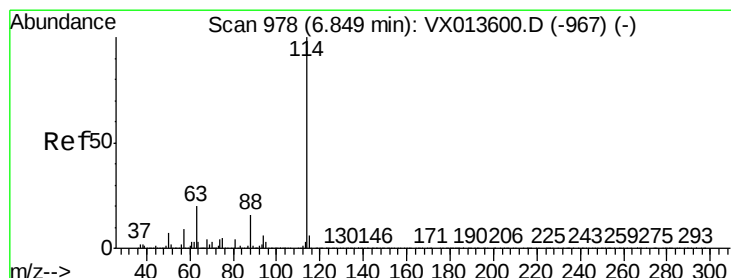
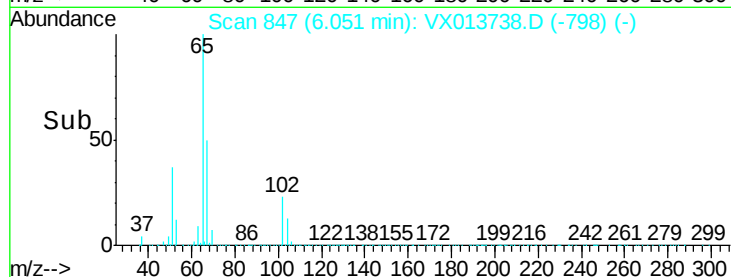
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

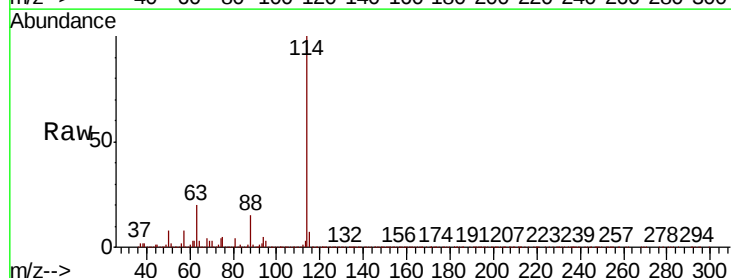
Tgt Ion: 114 Resp: 1095778

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.2 0.0 31.4



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

6.85

600000

500000

400000

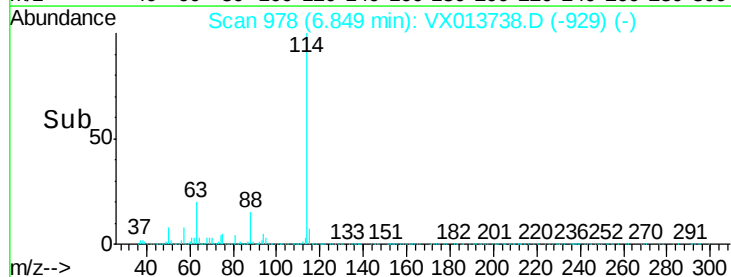
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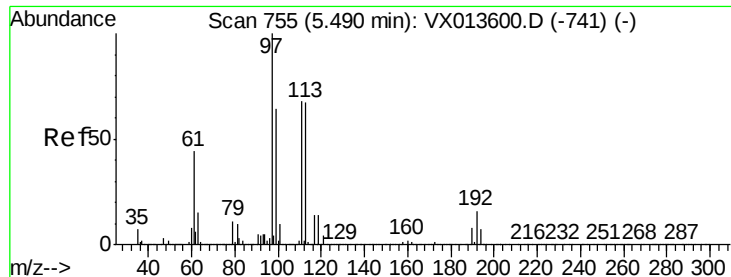
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





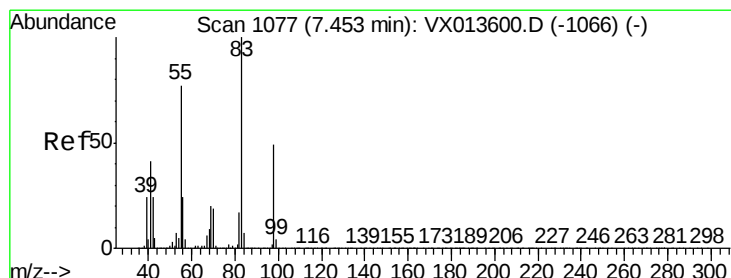
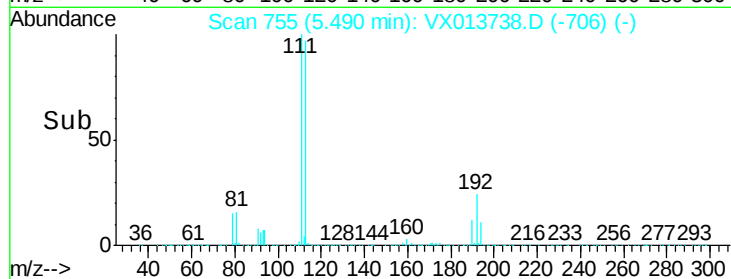
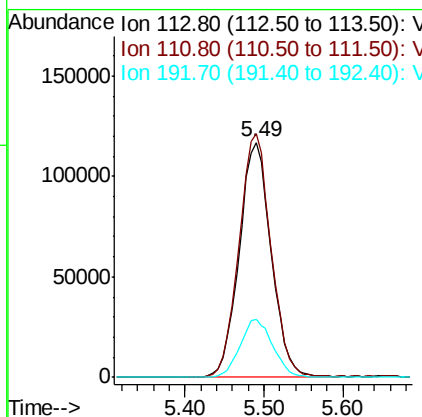
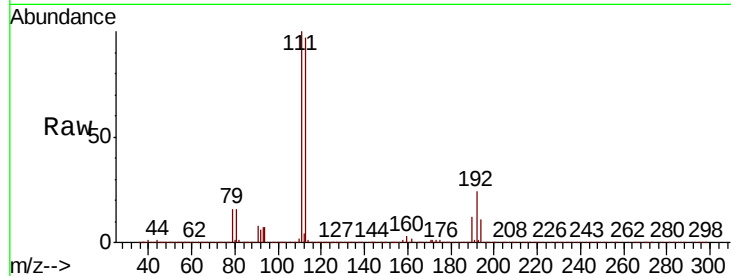
#35
Dibromofluoromethane
Concen: 48.774 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
30740

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.6	83.6	125.4	
192	25.2	19.2	28.8	

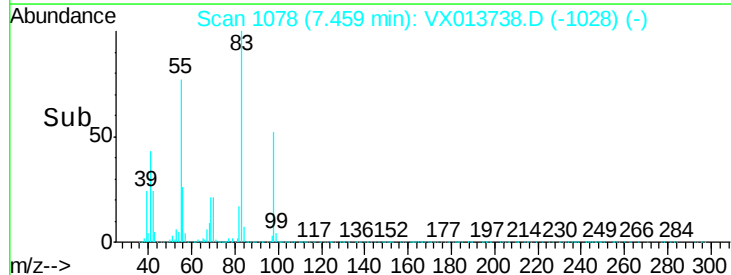
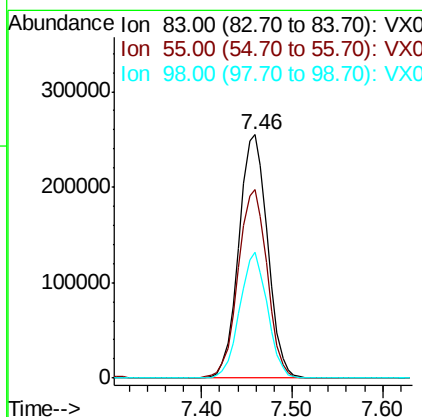
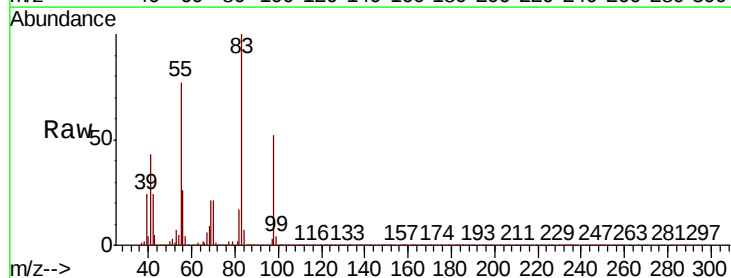
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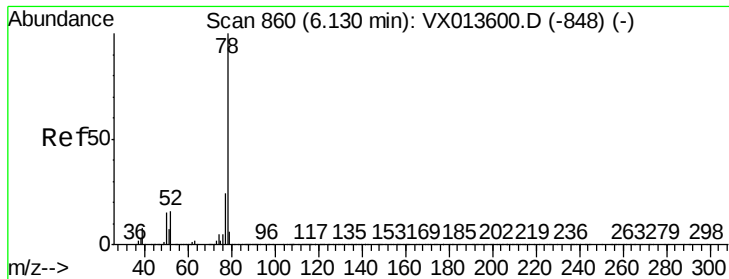
apatel
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#39
Methylcyclohexane
Concen: 45.555 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.3	61.9	92.9	
98	51.5	39.4	59.0	





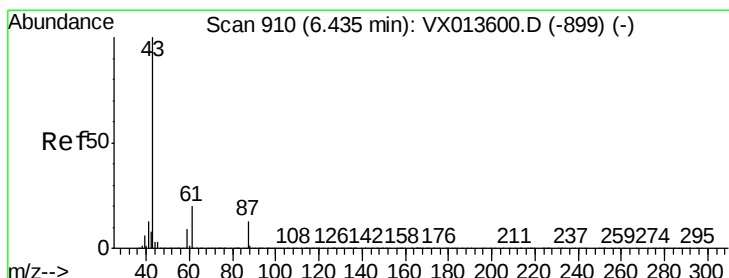
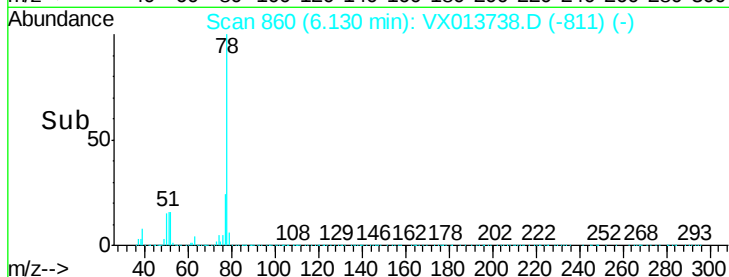
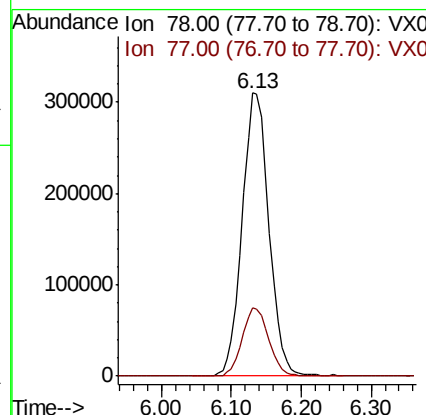
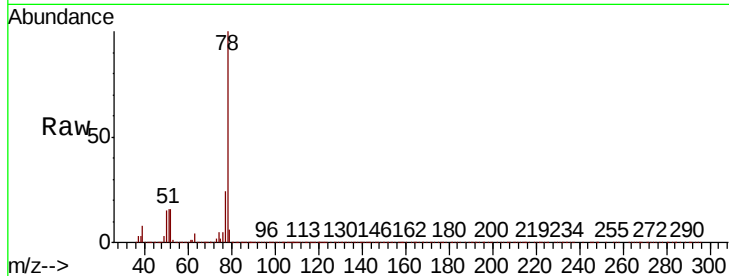
#40
Benzene
Concen: 27.146 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
30740

Tot Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4

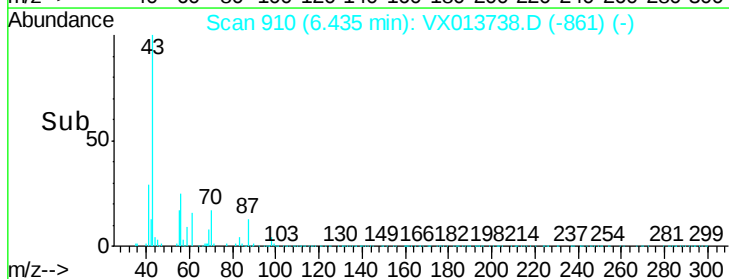
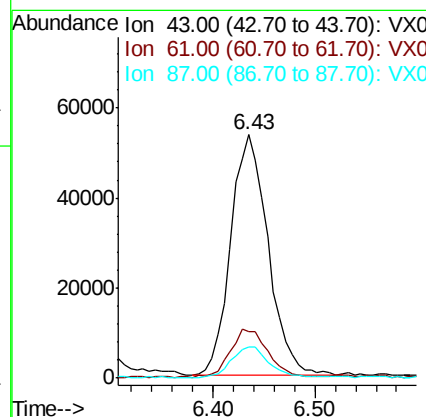
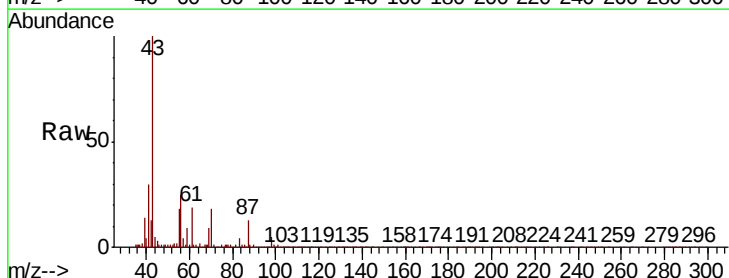
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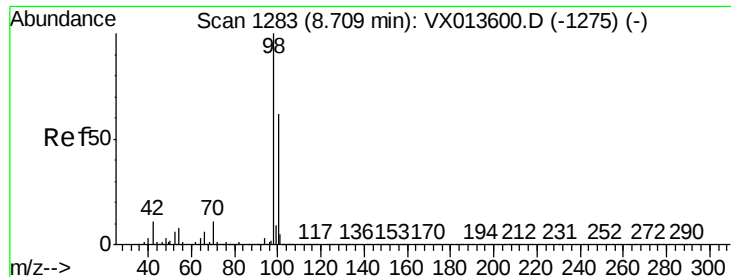
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#43
Isopropyl Acetate
Concen: 7.365 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.3	24.5
87	13.0	10.8	16.2





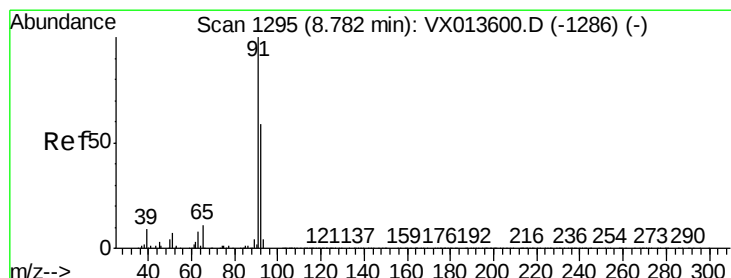
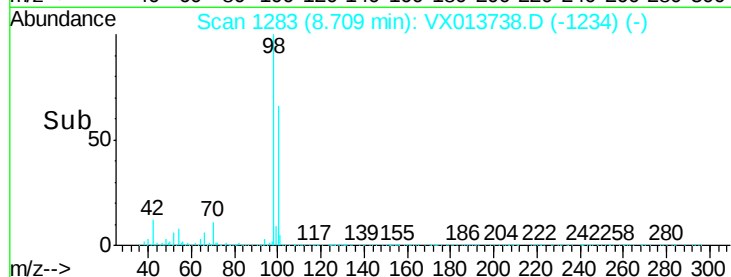
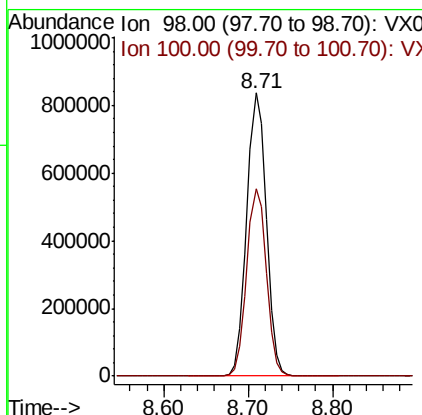
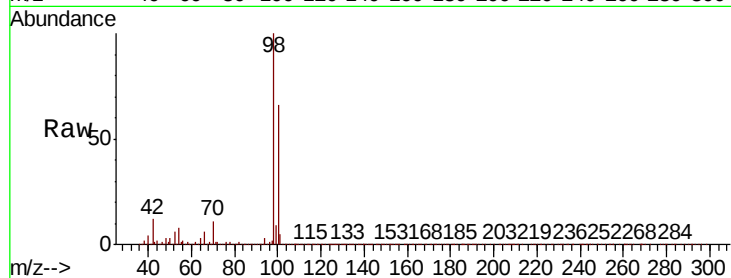
#50
Toluene-d8
Concen: 49.247 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
30740

Tot Ion: 98 Resp: 1299774
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

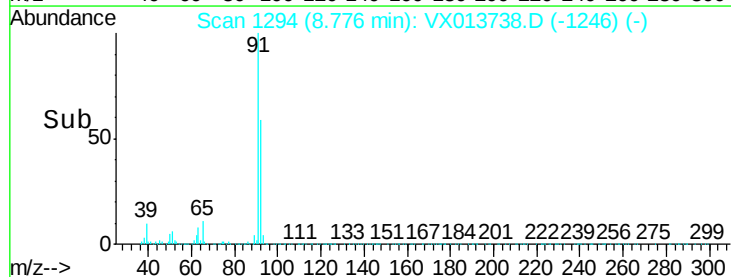
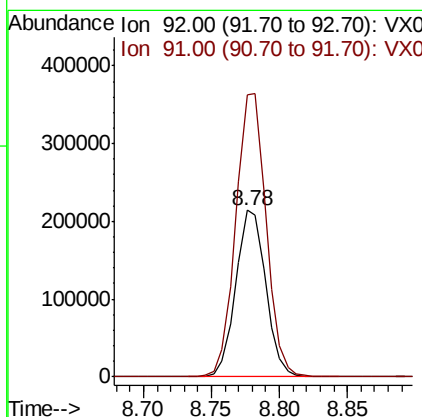
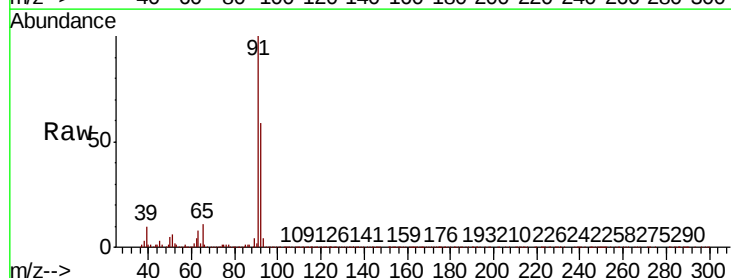
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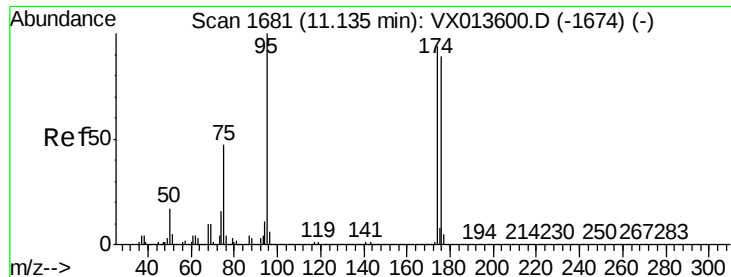
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#52
Toluene
Concen: 17.476 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion: 92 Resp: 328898
Ion Ratio Lower Upper
92 100
91 172.0 136.2 204.2





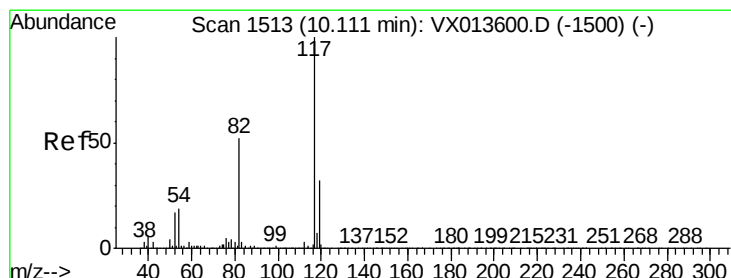
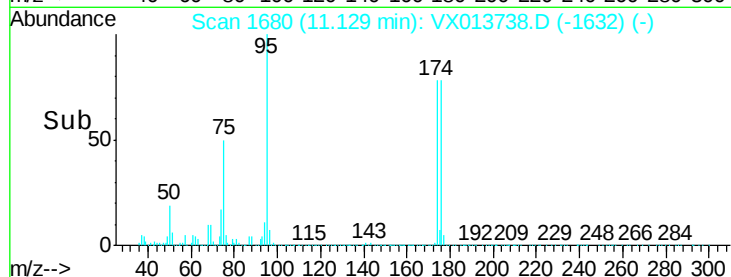
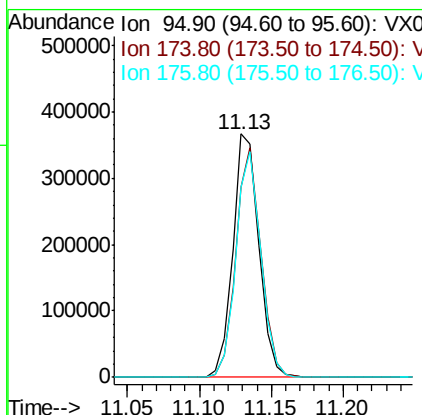
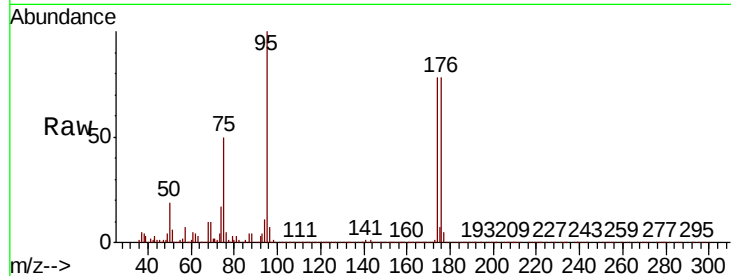
#62
4-Bromofluorobenzene
Concen: 48.947 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
30740

Tot Ion	Ratio	Resp	Lower	Upper
95	100	465855		
174	90.1	0.0	180.0	
176	88.7	0.0	173.6	

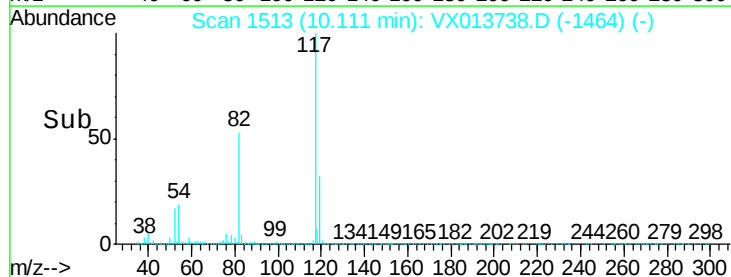
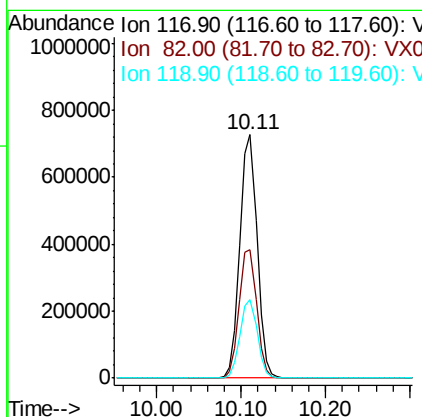
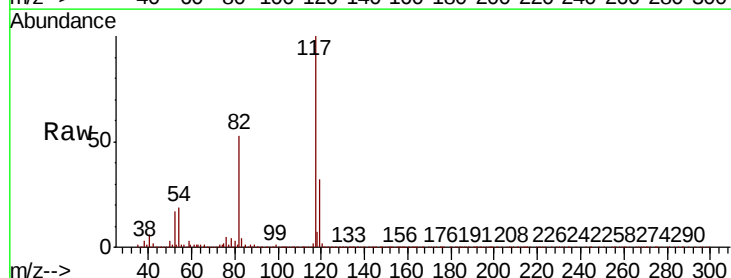
Manual Integrations
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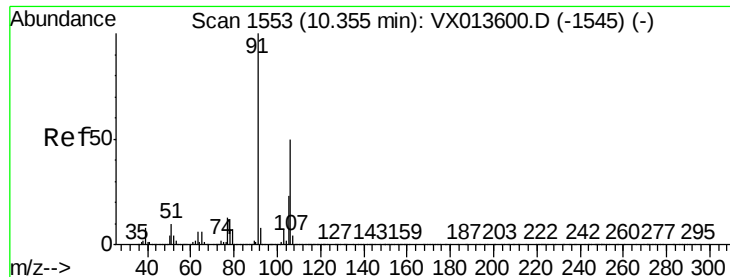
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	989821		
82	52.7	41.8	62.8	
119	32.1	25.8	38.8	





#68

m/p-Xylenes

Concen: 4.872 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampled :

30740

Tot Ion:106 Resp: 65864

Ion Ratio Lower Upper

106 100

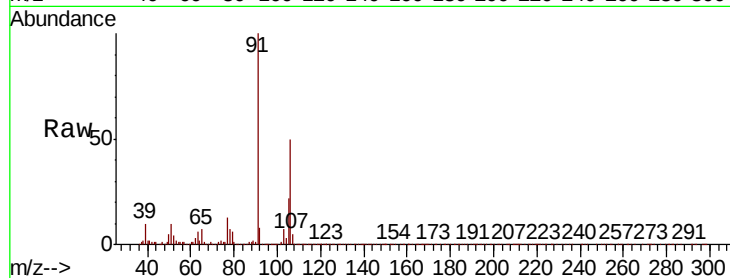
91 194.3 159.0 238.4

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

40000

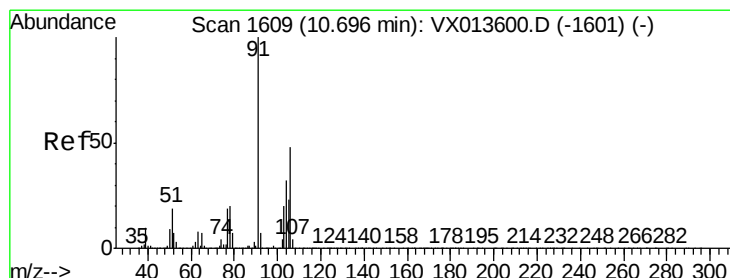
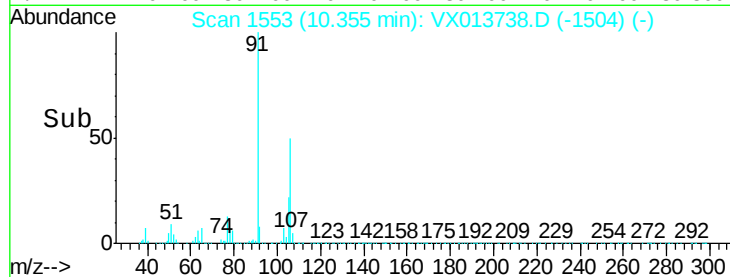
20000

0

10.30

10.40

Time-->



#69

o-Xylene

Concen: 1.106 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013738.D

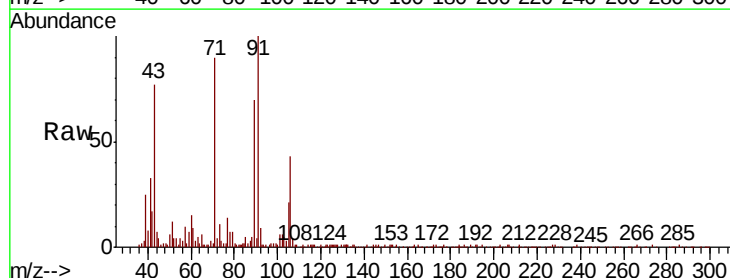
Acq: 03 Dec 2019 20:27

Tgt Ion:106 Resp: 14585

Ion Ratio Lower Upper

106 100

91 207.7 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

25000

20000

15000

10000

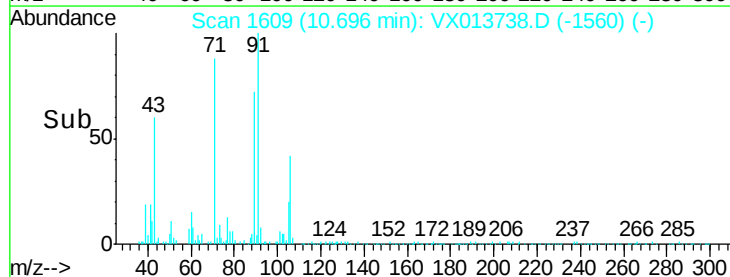
5000

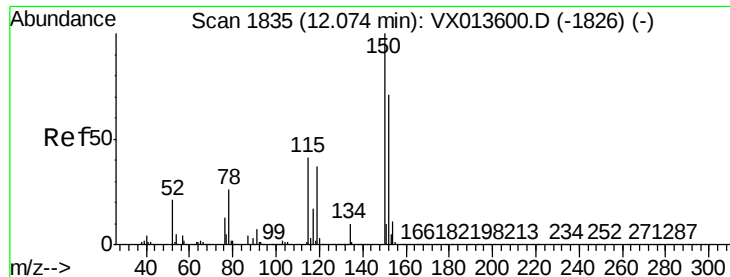
0

10.60

10.70

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: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

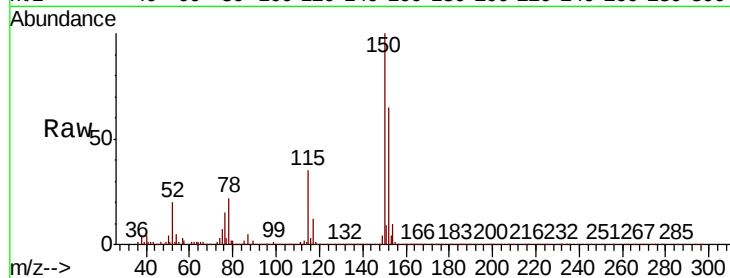
ClientSampled :

30740

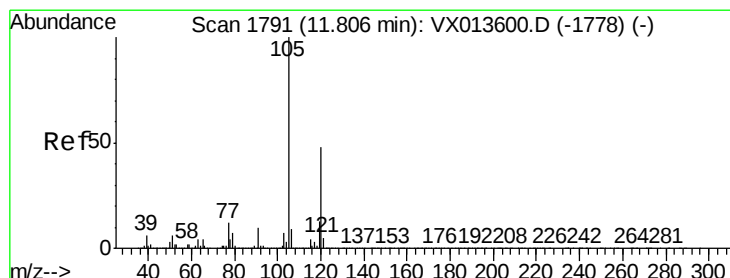
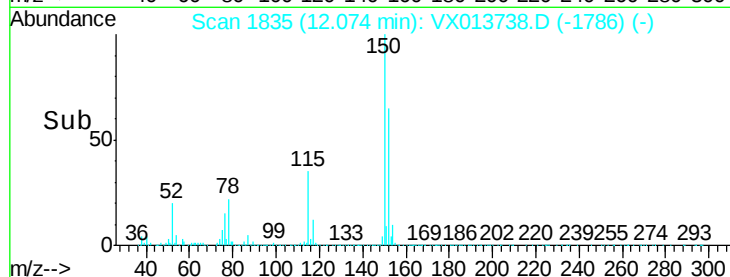
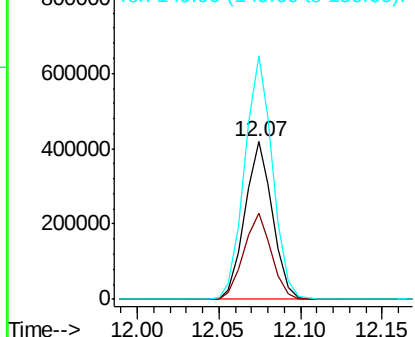
Tot Ion:	152	Resp:	491485
Ion Ratio	Lower	Upper	
152	100		
115	54.6	38.4	115.1
150	156.4	0.0	346.8

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



#84

1,2,4-Trimethylbenzene

Concen: 1.278 ug/l

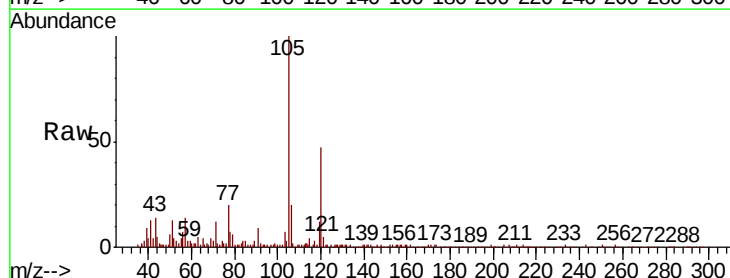
RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Tgt Ion:	105	Resp:	36658
Ion Ratio	Lower	Upper	
105	100		
120	42.4	23.1	69.3



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

