

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
 Data File : VX018406.D
 Acq On : 15 Sep 2020 15:00
 Operator : JC/SP
 Sample : L3952-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40614DL

Quant Time: Sep 16 08:27:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

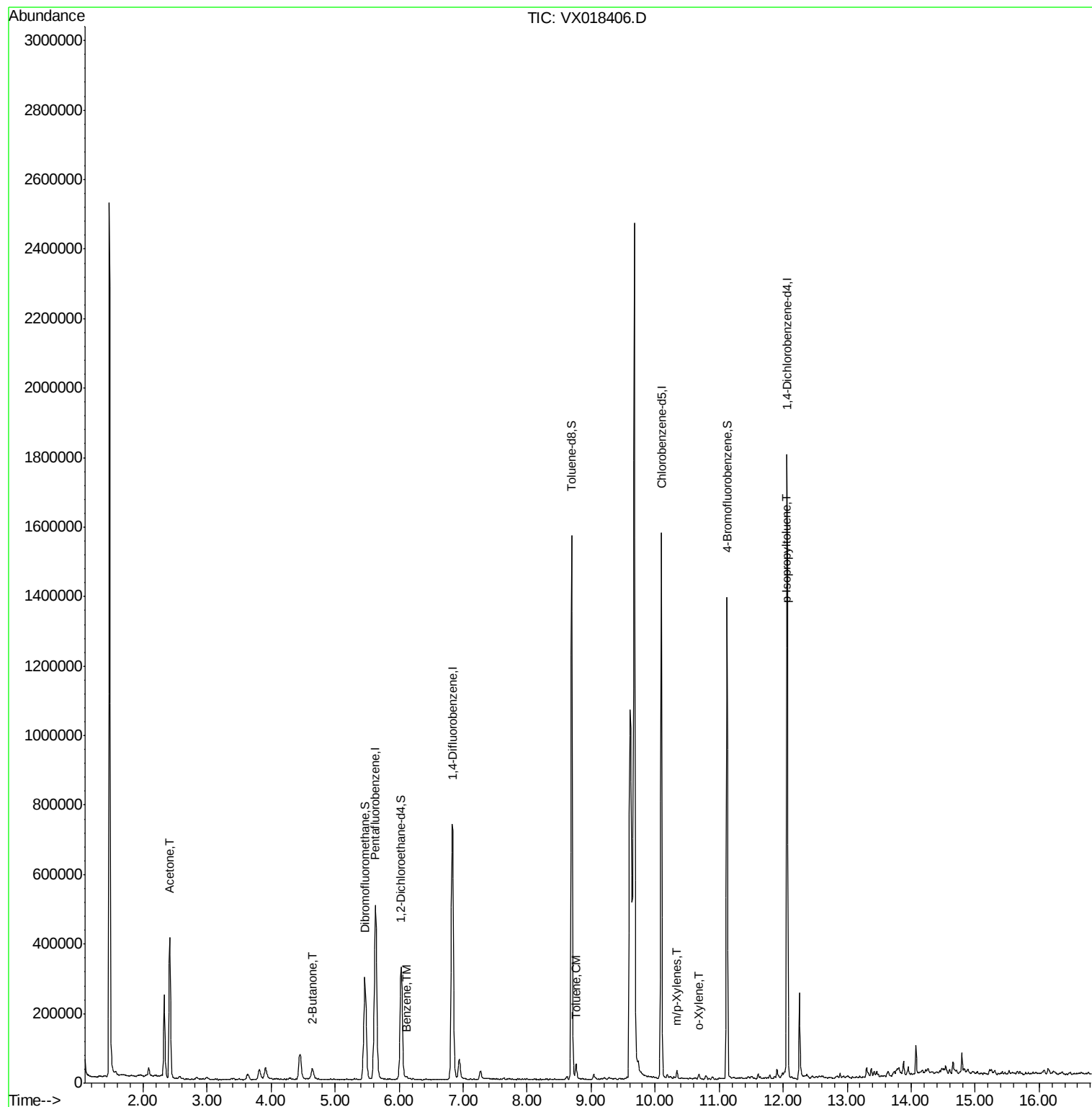
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	463119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	722382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	709325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	349874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	322181	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	5.46	113	247707	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	8.70	98	895366	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.12	95	335522	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
16) Acetone	2.42	43	426298	170.163	ug/l	95
25) 2-Butanone	4.64	43	10116	2.457	ug/l	97
40) Benzene	6.12	78	8771	0.448	ug/l	93
52) Toluene	8.77	92	14912	1.201	ug/l	100
68) m/p-Xylenes	10.34	106	5138	0.571	ug/l	94
69) o-Xylene	10.68	106	2635	0.302	ug/l	91
86) p-Isopropyltoluene	12.05	119	17630	0.902	ug/l #	82

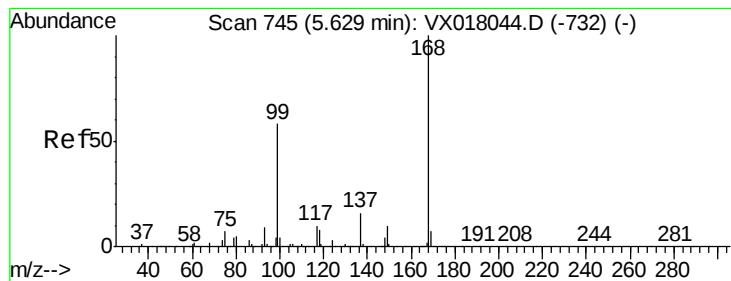
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018406.D

Acq: 15 Sep 2020 15:00

Instrument :

MSVOA_X

ClientSampleId :

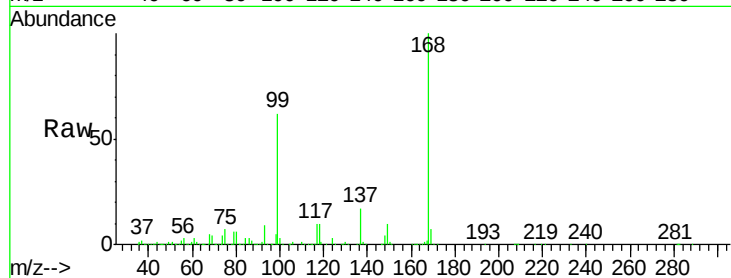
40614DL

Tot Ion:168 Resp: 463119

Ion Ratio Lower Upper

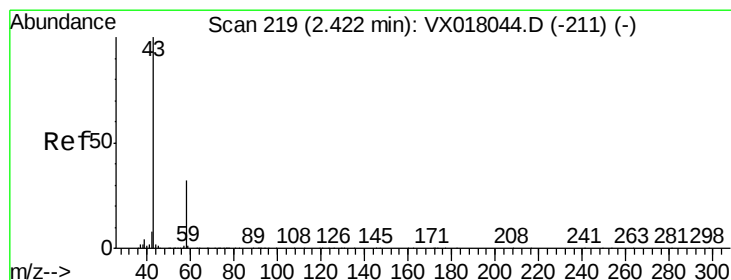
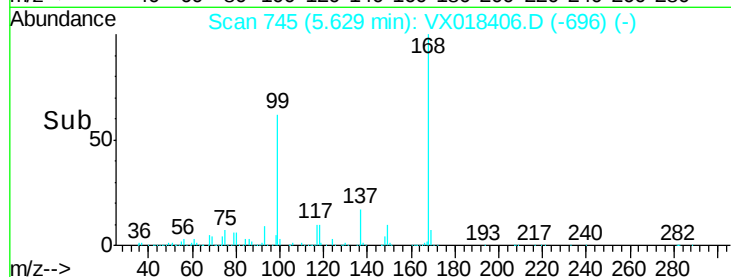
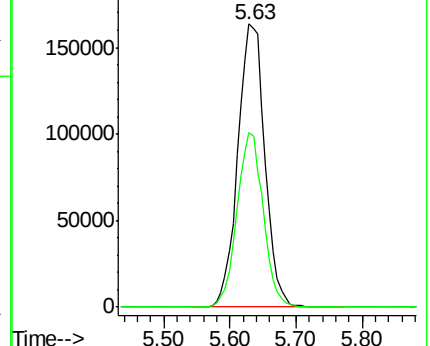
168 100

99 61.5 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 170.163 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018406.D

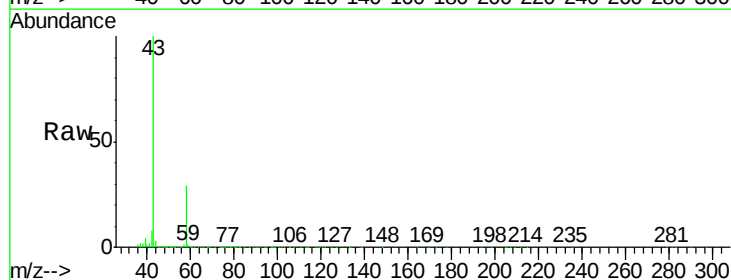
Acq: 15 Sep 2020 15:00

Tgt Ion: 43 Resp: 426298

Ion Ratio Lower Upper

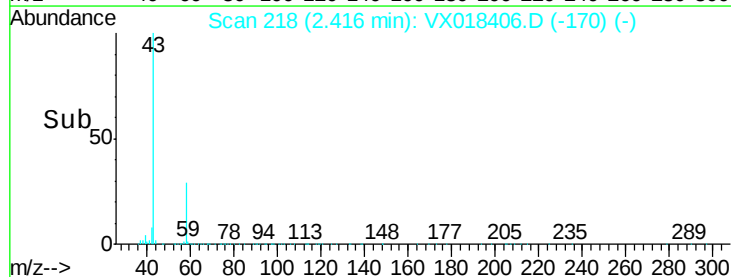
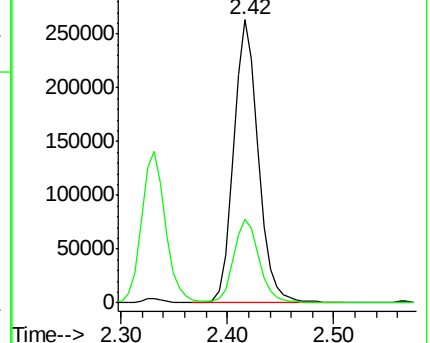
43 100

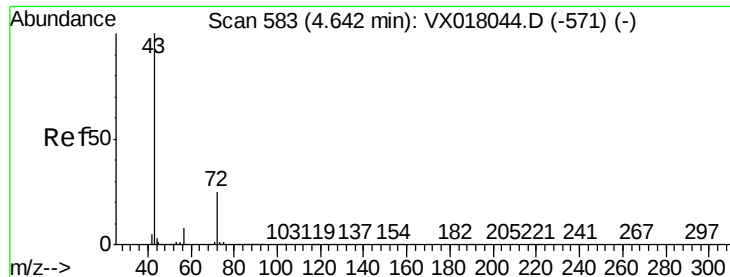
58 29.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

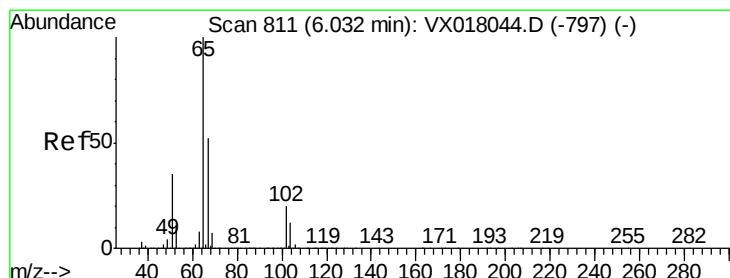
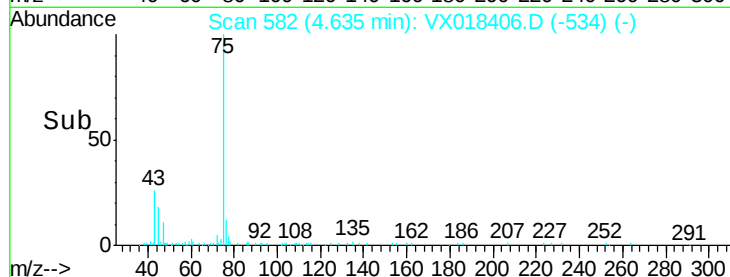
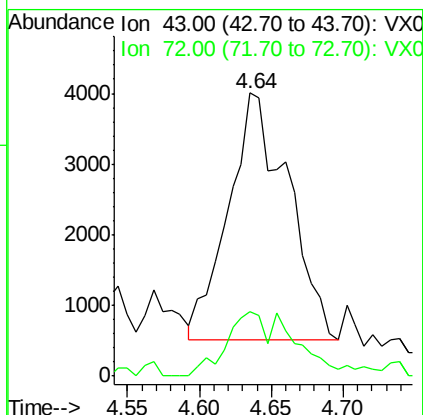
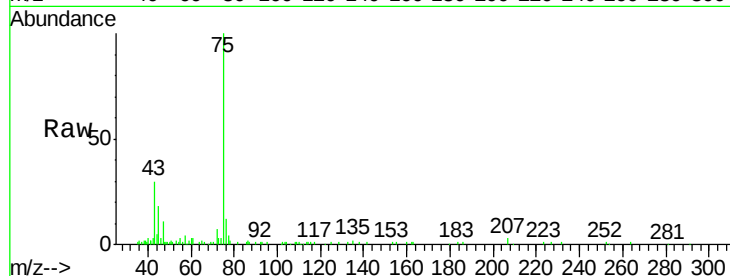




#25
2-Butanone
Concen: 2.457 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018406.D
Acq: 15 Sep 2020 15:00

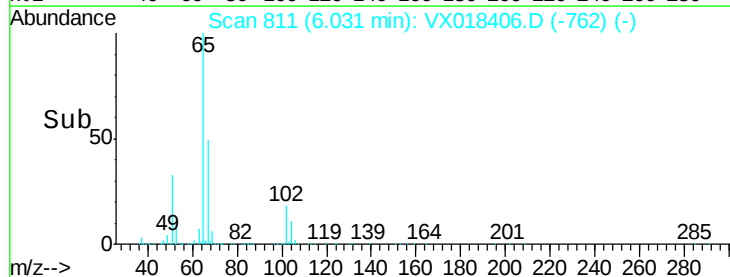
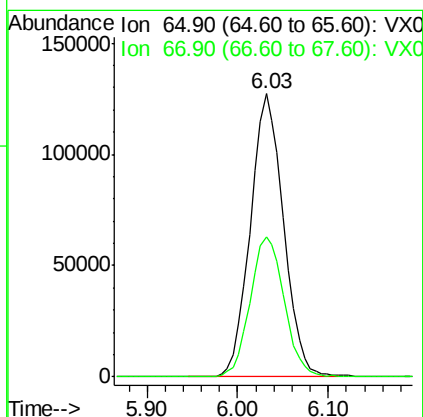
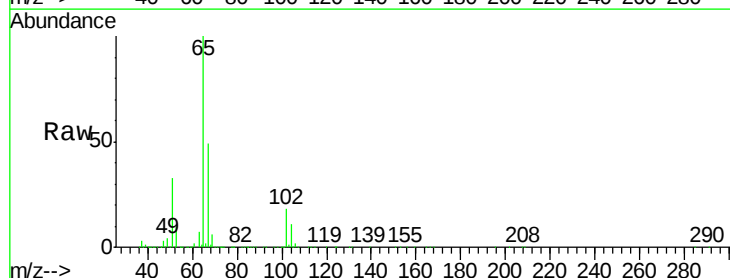
Instrument :
MSVOA_X
ClientSampleId :
40614DL

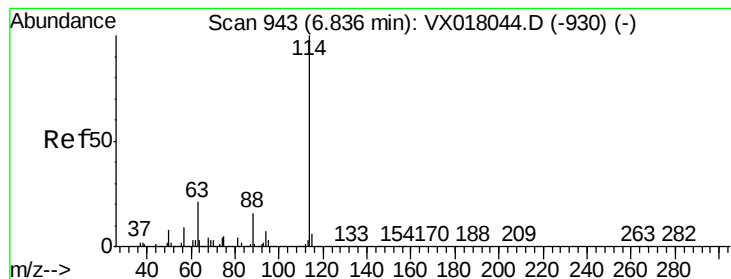
Tot Ion: 43 Resp: 10116
Ion Ratio Lower Upper
43 100
72 26.3 19.8 29.6



#33
1,2-Dichloroethane-d4
Concen: 50.112 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018406.D
Acq: 15 Sep 2020 15:00

Tgt Ion: 65 Resp: 322181
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018406.D

Acq: 15 Sep 2020 15:00

Instrument :

MSVOA_X

ClientSampleId :

40614DL

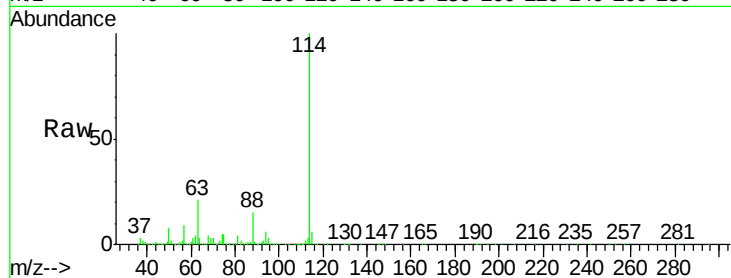
Tot Ion:114 Resp: 722382

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

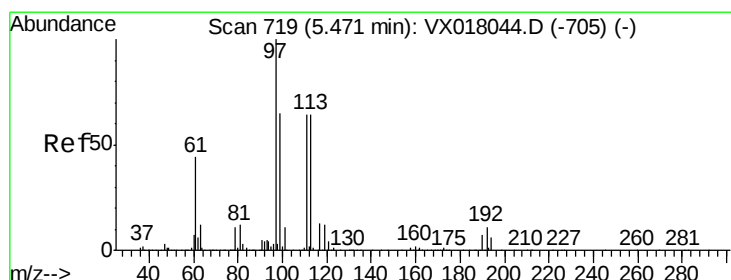
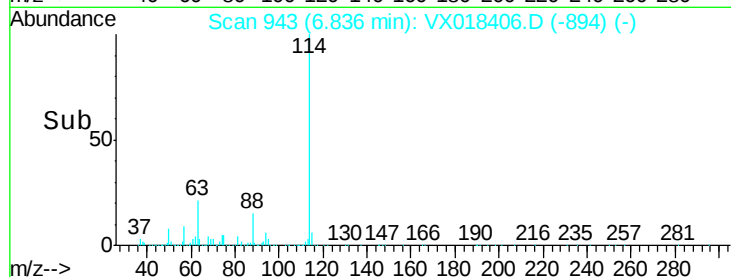
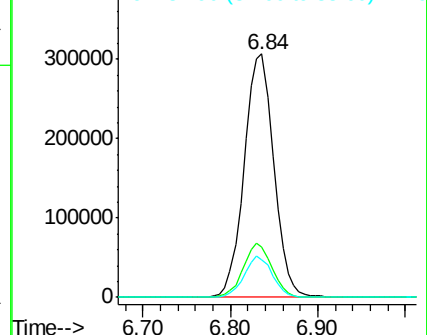
88 15.4 0.0 31.8



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: 50.349 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018406.D

Acq: 15 Sep 2020 15:00

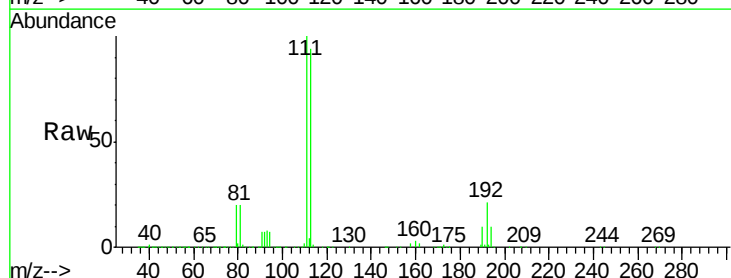
Tgt Ion:113 Resp: 247707

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

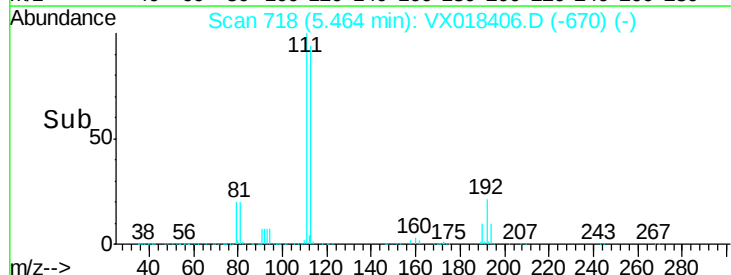
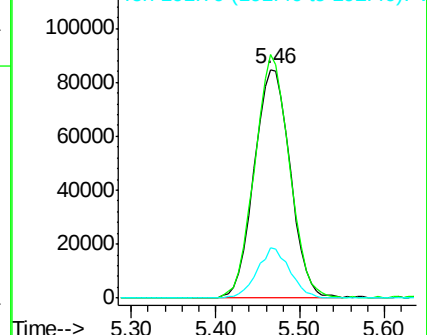
192 20.3 15.8 23.8

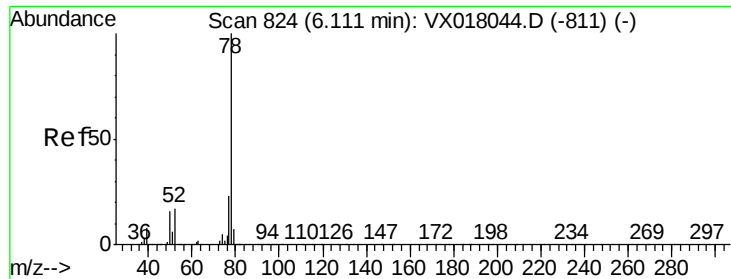


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.448 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018406.D

Acq: 15 Sep 2020 15:00

Instrument :

MSVOA_X

ClientSampleId :

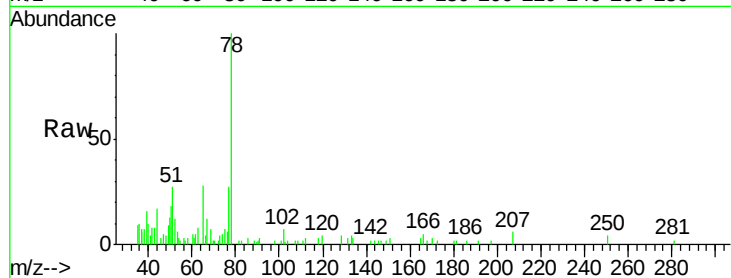
40614DL

Tot Ion: 78 Resp: 8771

Ion Ratio Lower Upper

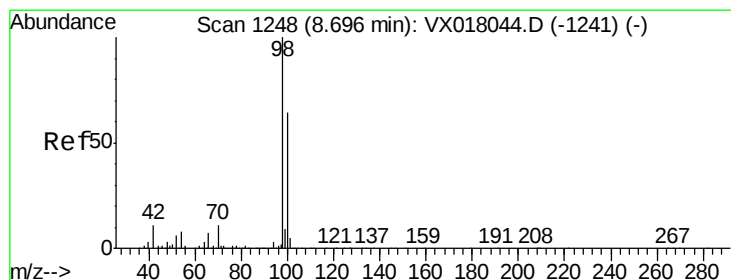
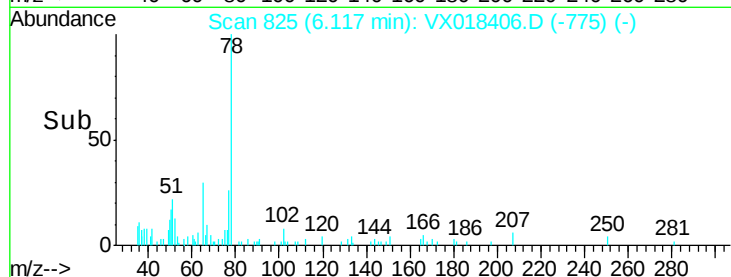
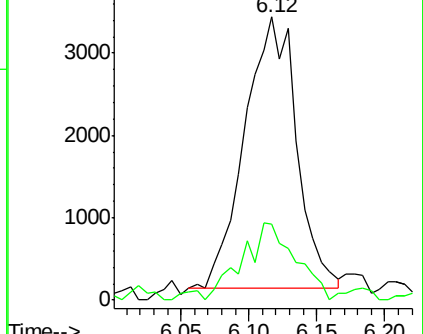
78 100

77 25.9 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 48.863 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018406.D

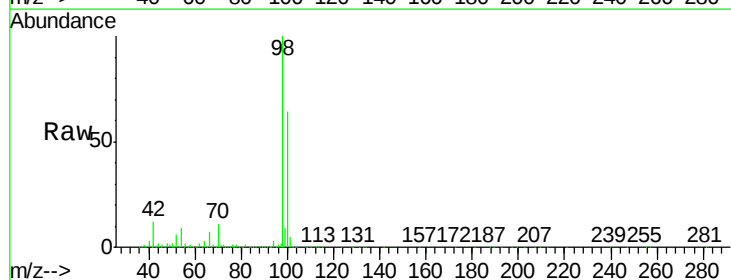
Acq: 15 Sep 2020 15:00

Tgt Ion: 98 Resp: 895366

Ion Ratio Lower Upper

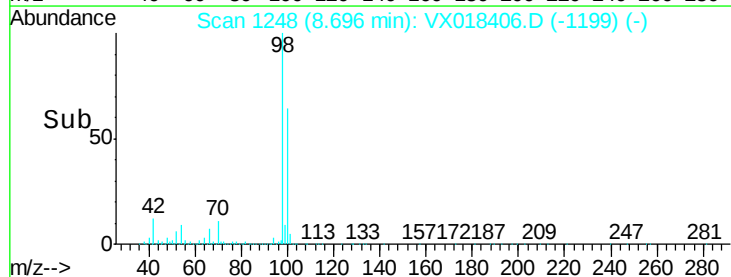
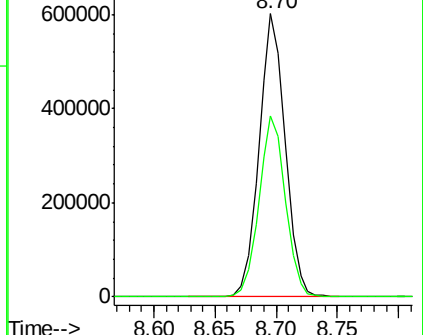
98 100

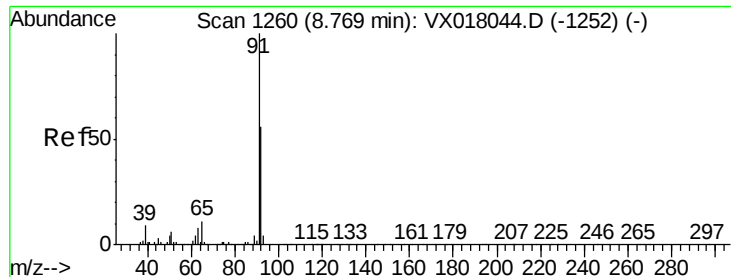
100 64.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 1.201 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018406.D

Acq: 15 Sep 2020 15:00

Instrument :

MSVOA_X

ClientSampleId :

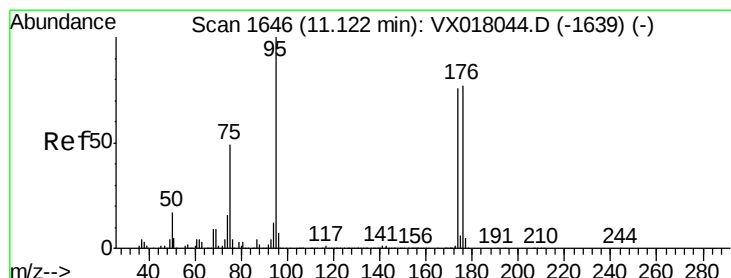
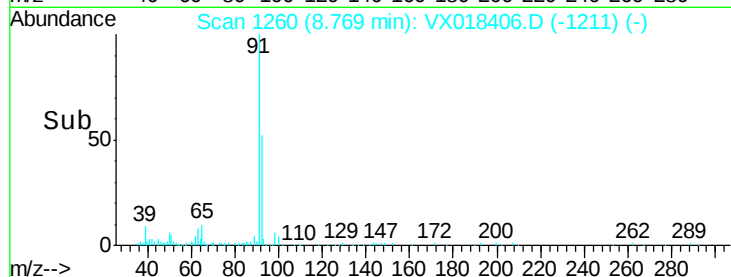
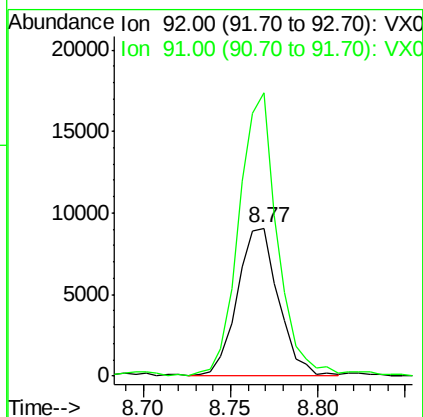
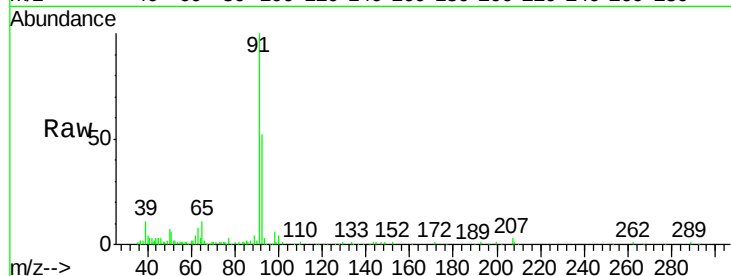
40614DL

Tot Ion: 92 Resp: 14912

Ion Ratio Lower Upper

92 100

91 175.6 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 46.540 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018406.D

Acq: 15 Sep 2020 15:00

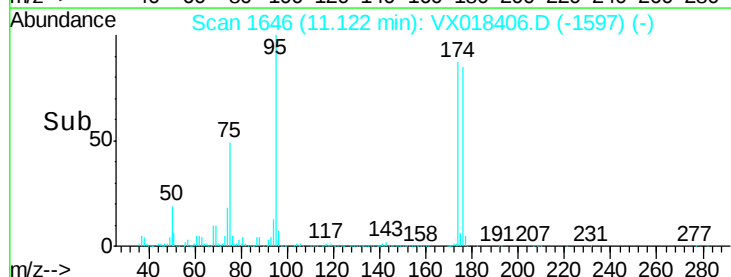
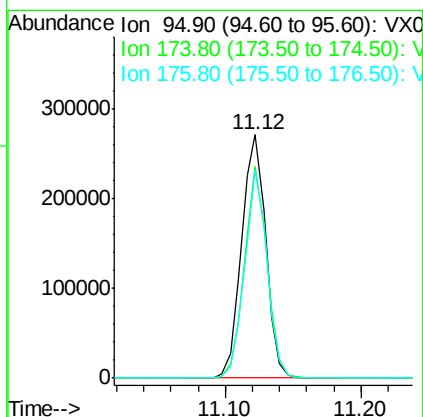
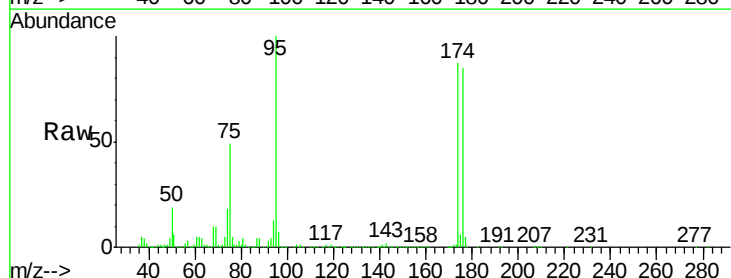
Tgt Ion: 95 Resp: 335522

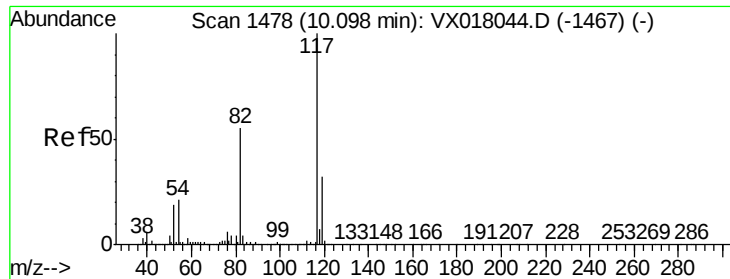
Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.2

176 79.8 0.0 155.8

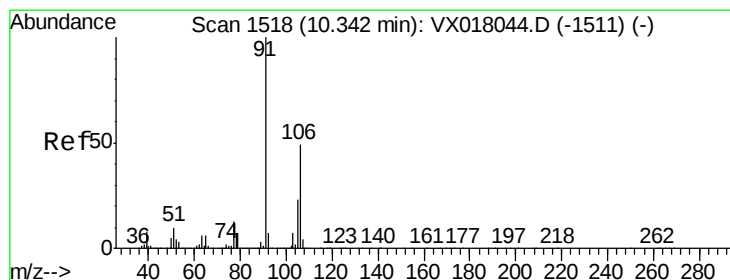
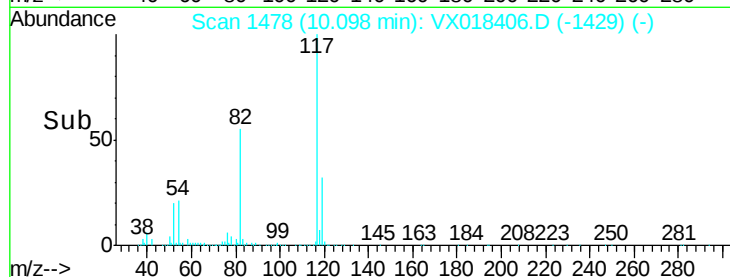
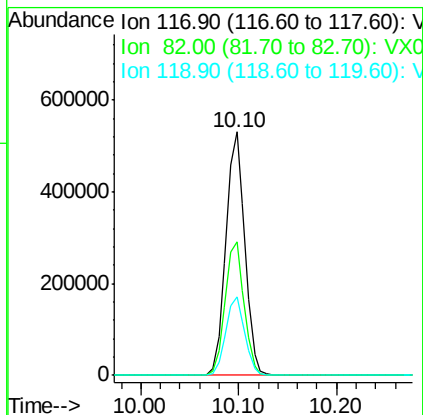
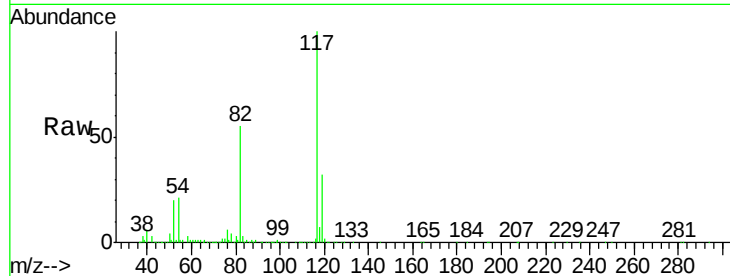




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018406.D
Acq: 15 Sep 2020 15:00

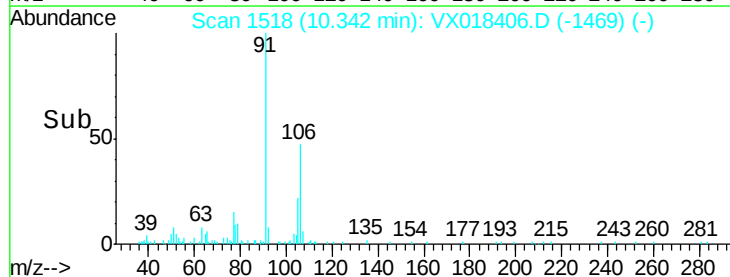
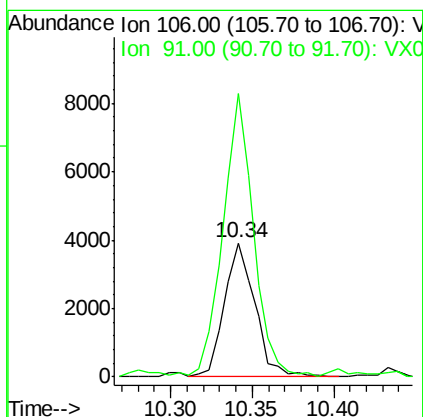
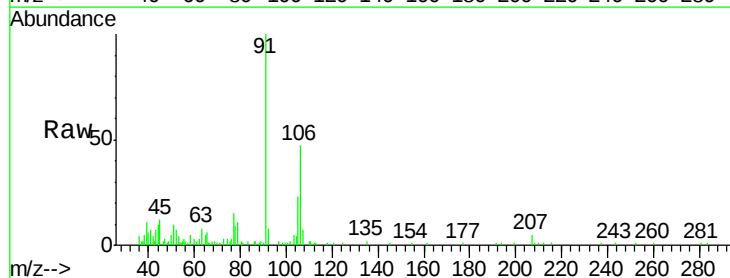
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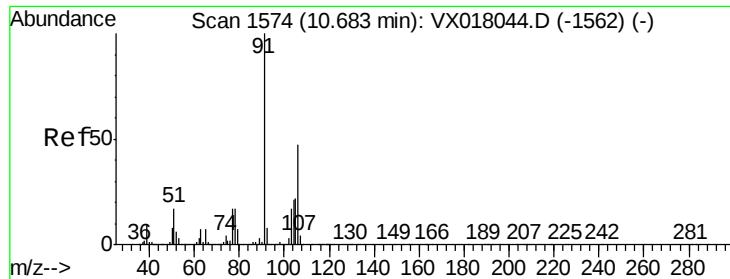
Tot Ion:117 Resp: 709325
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 0.571 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018406.D
Acq: 15 Sep 2020 15:00

Tgt Ion:106 Resp: 5138
Ion Ratio Lower Upper
106 100
91 211.1 162.2 243.2

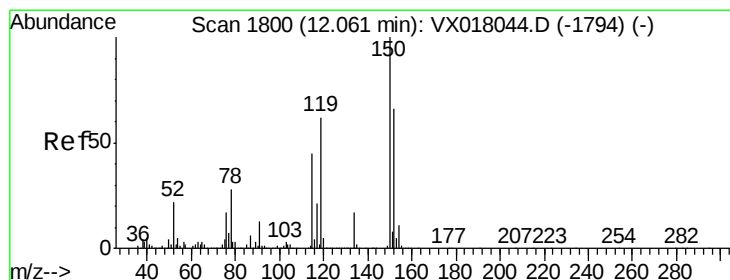
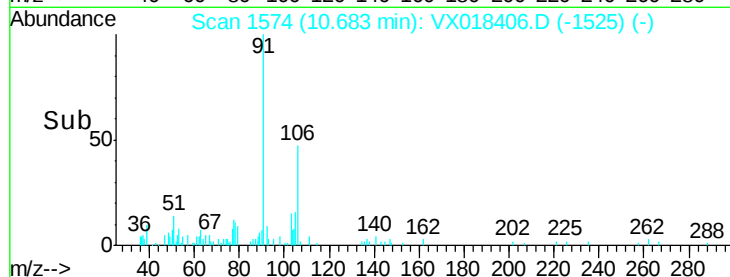
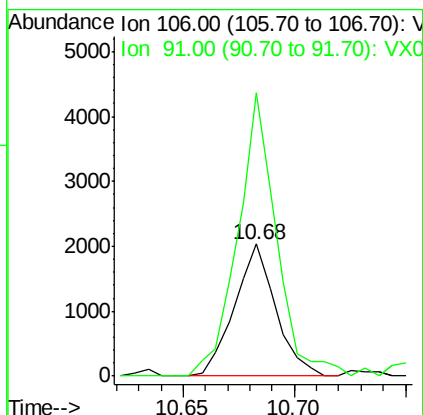
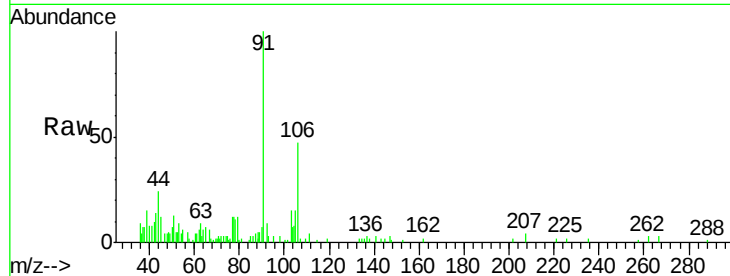




#69
o-Xylene
Concen: 0.302 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018406.D
Acq: 15 Sep 2020 15:00

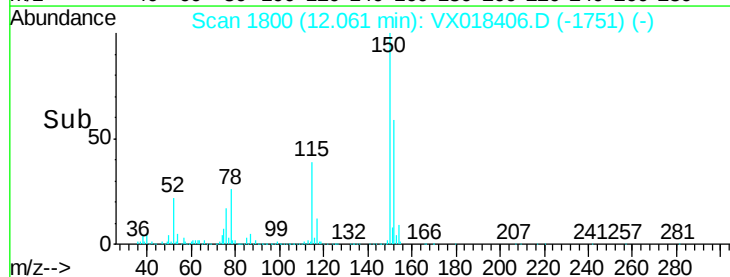
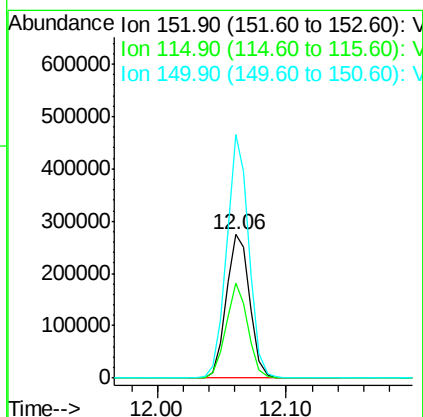
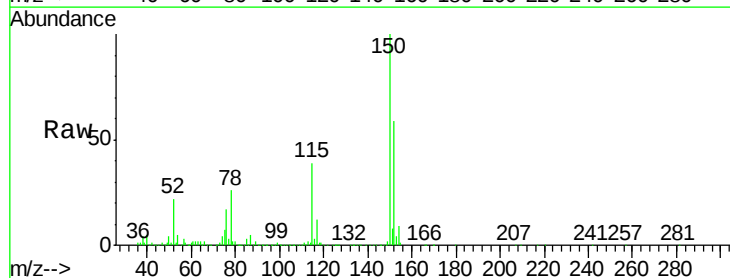
Instrument :
MSVOA_X
ClientSampleID :
40614DL

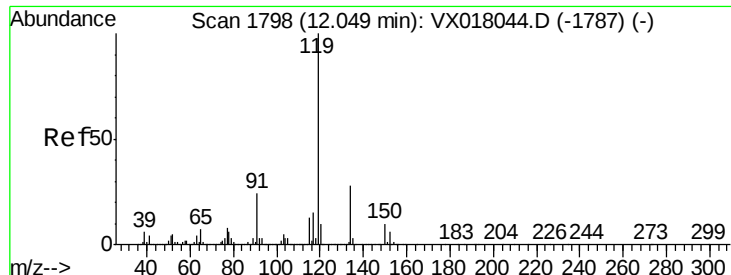
Tot Ion:106 Resp: 2635
Ion Ratio Lower Upper
106 100
91 200.3 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018406.D
Acq: 15 Sep 2020 15:00

Tgt Ion:152 Resp: 349874
Ion Ratio Lower Upper
152 100
115 61.9 41.5 124.5
150 160.9 0.0 343.8





#86

p-Isopropyltoluene

Concen: 0.902 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018406.D

Acq: 15 Sep 2020 15:00

Instrument :

MSVOA_X

ClientSampleId :

40614DL

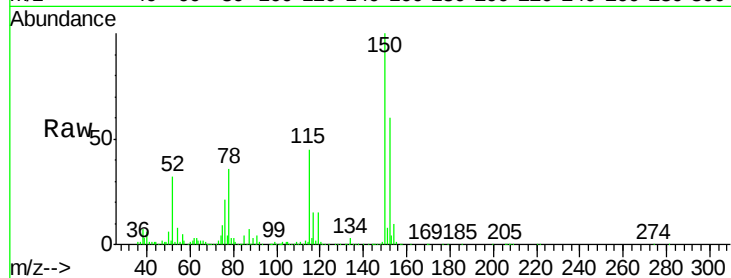
Tot Ion:119 Resp: 17630

Ion Ratio Lower Upper

119 100

134 32.5 13.2 39.5

91 36.0 11.8 35.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

