

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018175.D
 Acq On : 01 Sep 2020 02:55
 Operator : JC/SP
 Sample : L3854-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1332-FM648

Quant Time: Sep 01 07:54:48 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

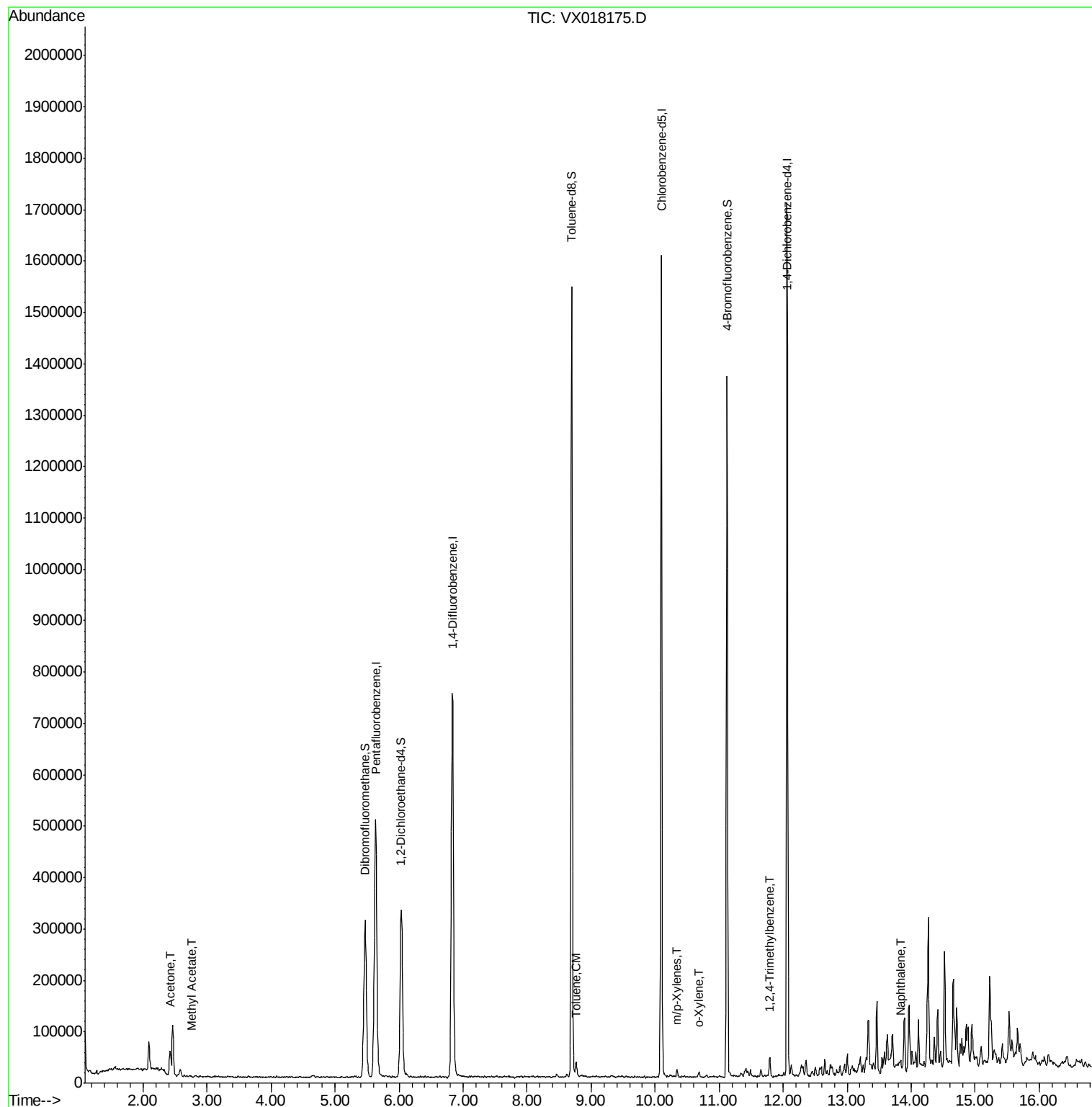
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	472943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	743868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	714664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	343305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	331877	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	5.47	113	259615	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	8.70	98	914422	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	337916	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
16) Acetone	2.42	43	52836	20.652	ug/l	93
18) Methyl Acetate	2.75	43	3188	0.516	ug/l #	88
52) Toluene	8.76	92	9269	0.725	ug/l	97
68) m/p-Xylenes	10.35	106	3216	0.355	ug/l	88
69) o-Xylene	10.68	106	2665	0.303	ug/l	75
84) 1,2,4-Trimethylbenzene	11.79	105	16004	0.841	ug/l	99
95) Naphthalene	13.82	128	10718	0.472	ug/l #	87

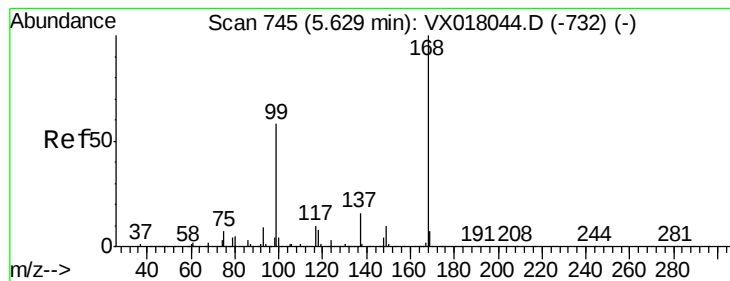
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX018175.D

Acq: 01 Sep 2020 02:55

Instrument :

MSVOA_X

ClientSampleId :

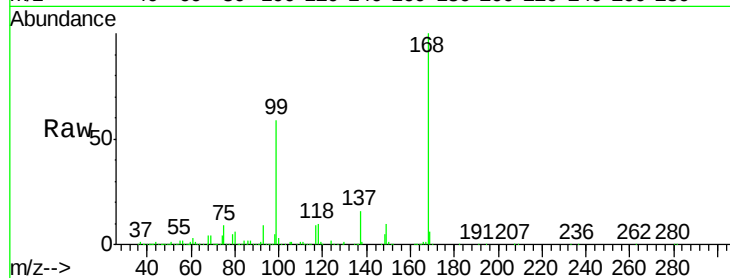
1332-FM648

Tot Ion:168 Resp: 472943

Ion Ratio Lower Upper

168 100

99 58.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

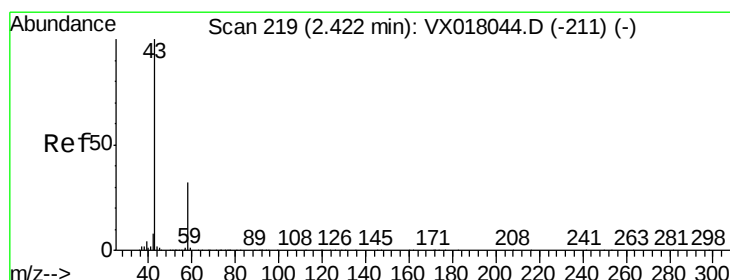
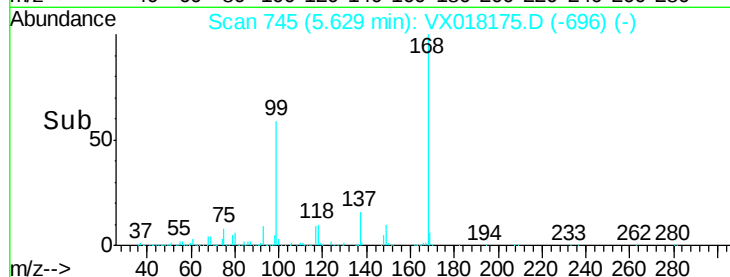
100000

50000

0

5.50 5.60 5.70

Time-->



#16

Acetone

Concen: 20.652 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018175.D

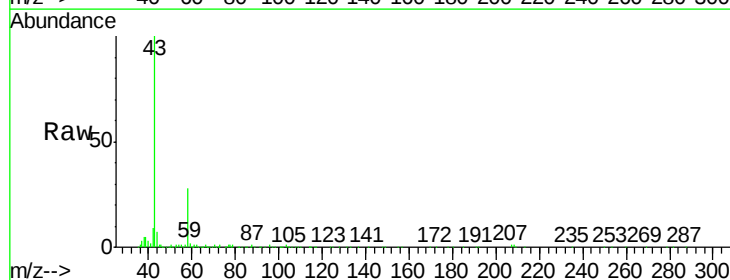
Acq: 01 Sep 2020 02:55

Tgt Ion: 43 Resp: 52836

Ion Ratio Lower Upper

43 100

58 28.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

30000

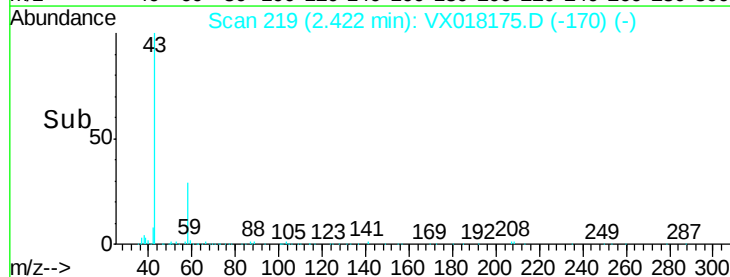
20000

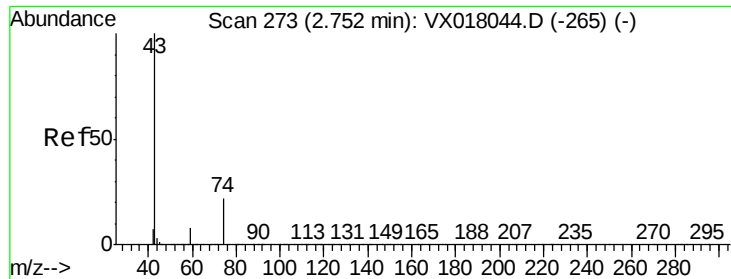
10000

0

2.35 2.40 2.45 2.50

Time-->

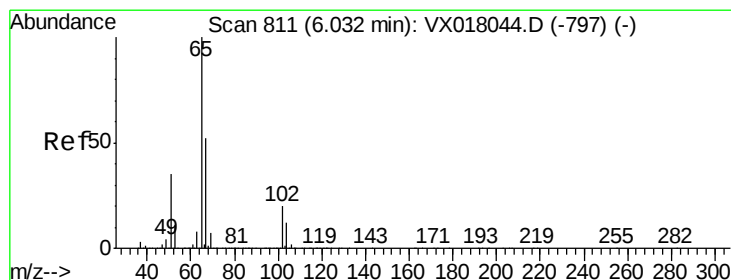
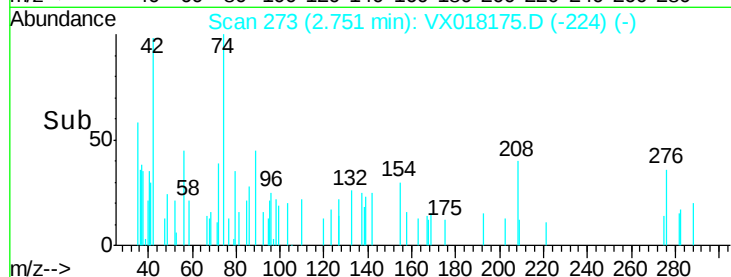
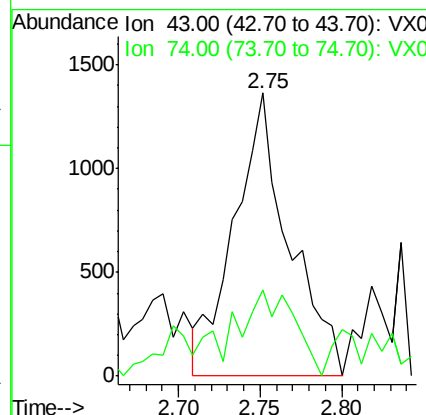
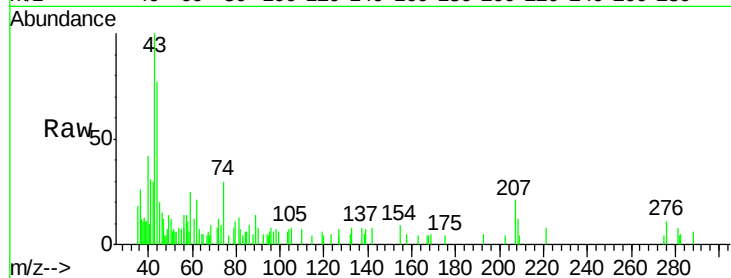




#18
Methvl Acetate
Concen: 0.516 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018175.D
Acq: 01 Sep 2020 02:55

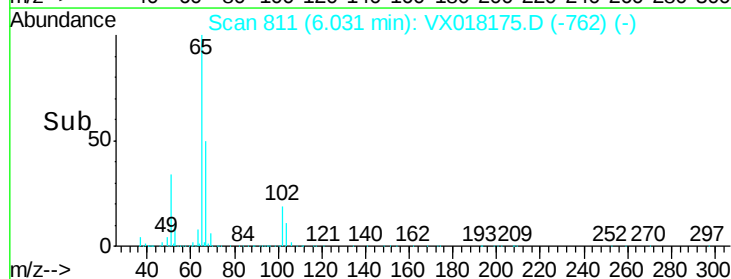
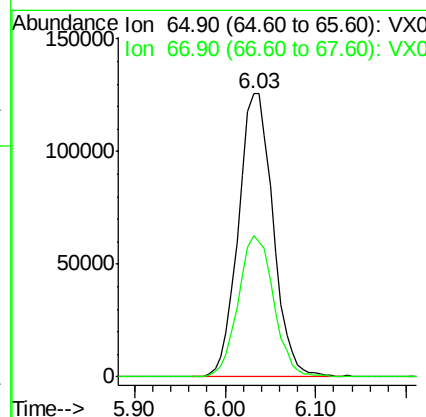
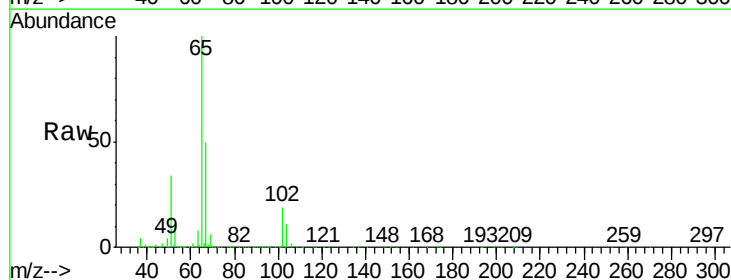
Instrument :
MSVOA_X
ClientSampled :
1332-FM648

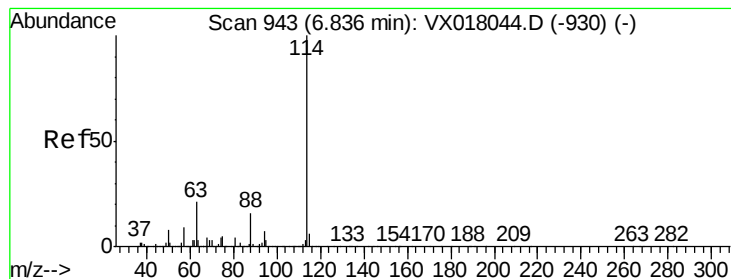
Tot Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
74 28.7 18.2 27.4#



#33
1,2-Dichloroethane-d4
Concen: 50.547 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018175.D
Acq: 01 Sep 2020 02:55

Tgt Ion: 65 Resp: 331877
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018175.D

Acq: 01 Sep 2020 02:55

Instrument :

MSVOA_X

ClientSampleId :

1332-FM648

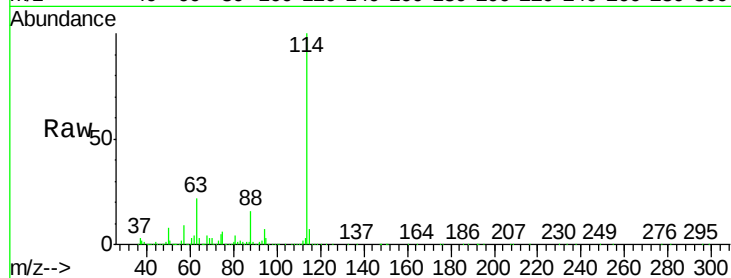
Tot Ion:114 Resp: 743868

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

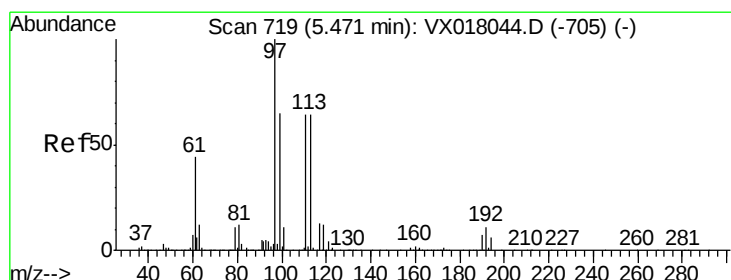
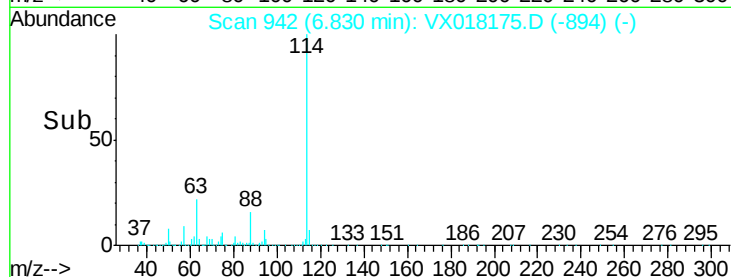
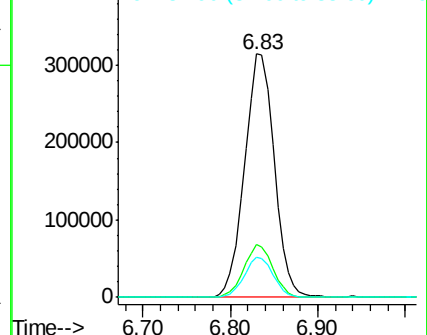
88 16.3 0.0 31.8



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: 51.246 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018175.D

Acq: 01 Sep 2020 02:55

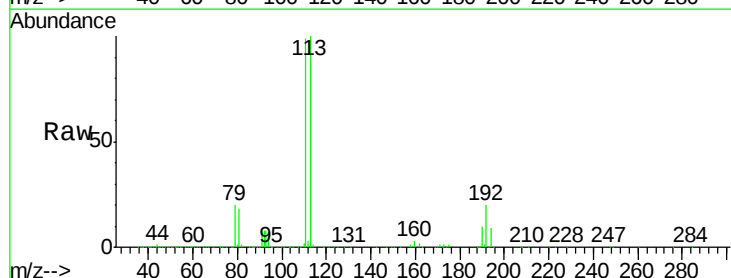
Tgt Ion:113 Resp: 259615

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

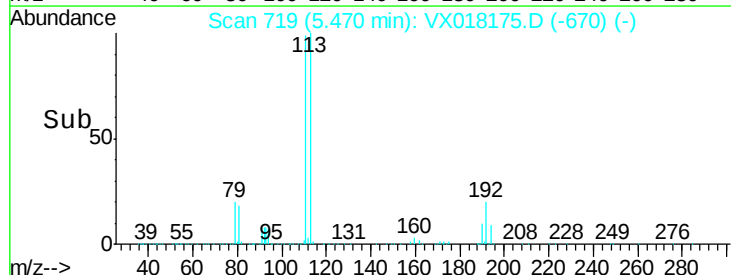
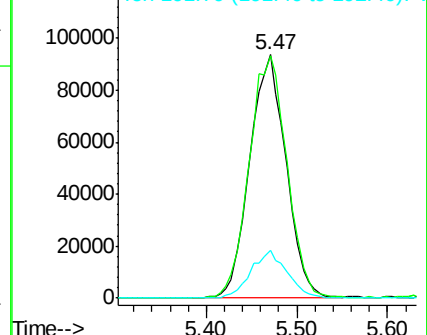
192 19.5 15.8 23.8

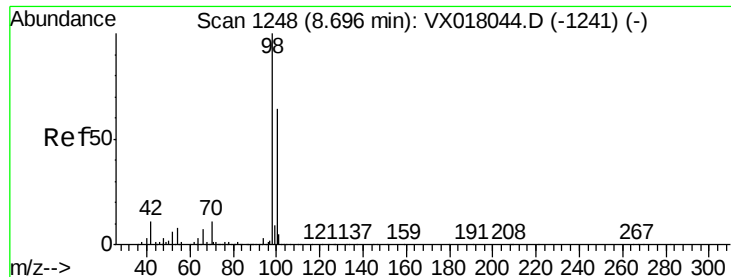


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.462 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018175.D

Acq: 01 Sep 2020 02:55

Instrument :

MSVOA_X

ClientSampleId :

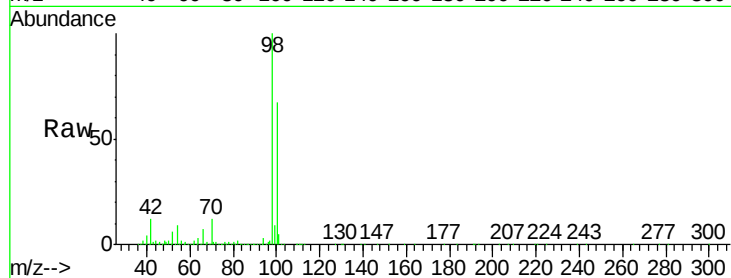
1332-FM648

Tot Ion: 98 Resp: 914422

Ion Ratio Lower Upper

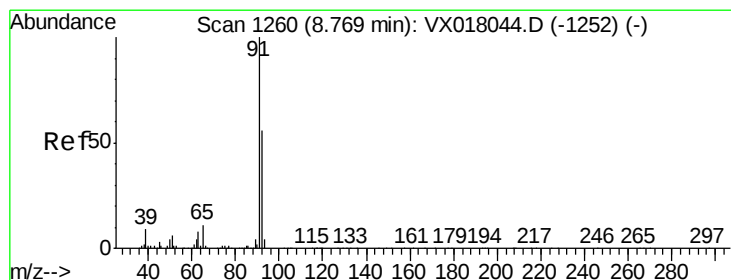
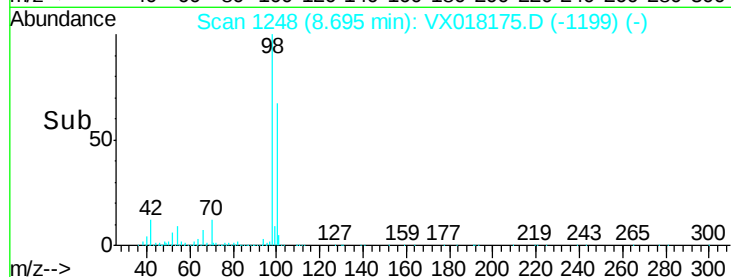
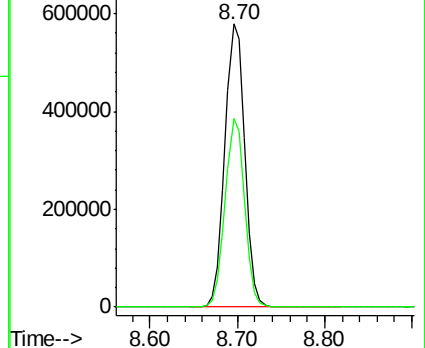
98 100

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): VX



#52

Toluene

Concen: 0.725 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018175.D

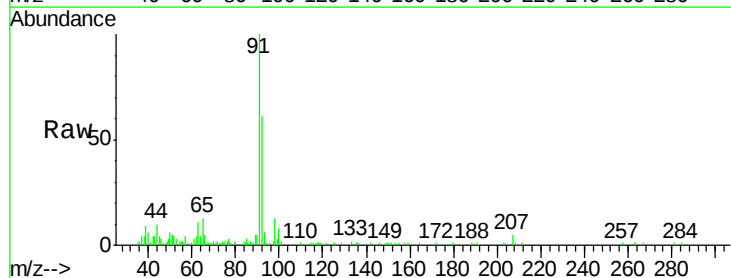
Acq: 01 Sep 2020 02:55

Tgt Ion: 92 Resp: 9269

Ion Ratio Lower Upper

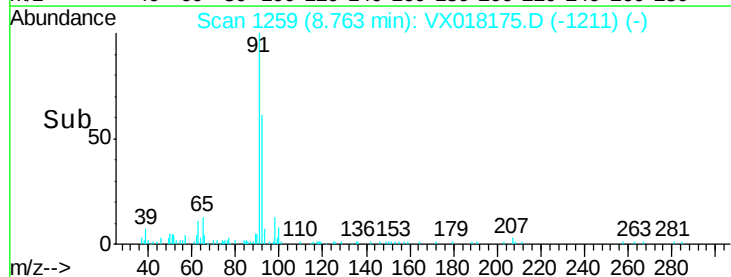
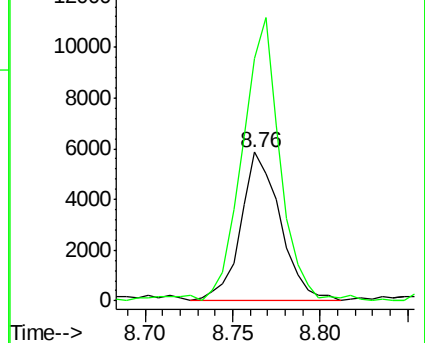
92 100

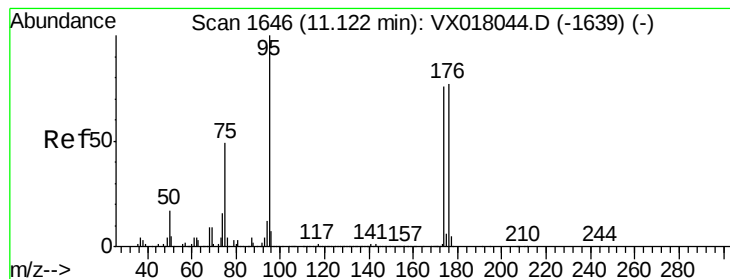
91 179.0 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.518 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018175.D

Acq: 01 Sep 2020 02:55

Instrument :

MSVOA_X

ClientSampleId :

1332-FM648

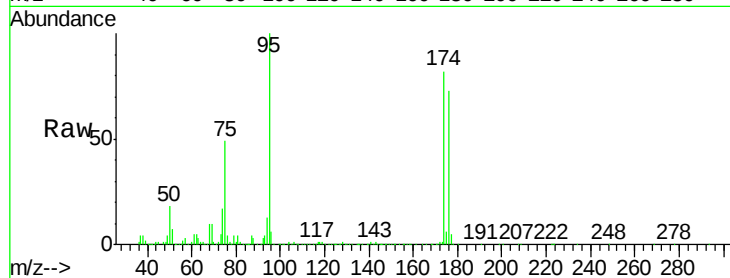
Tot Ion: 95 Resp: 337916

Ion Ratio Lower Upper

95 100

174 84.0 0.0 160.2

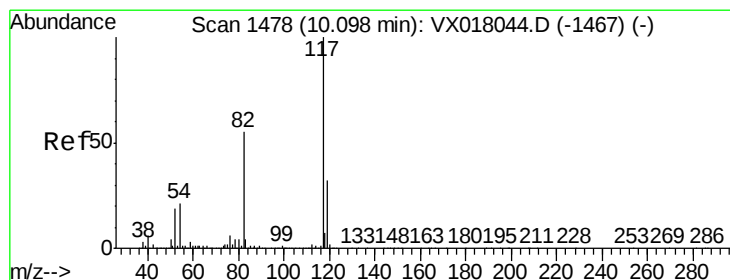
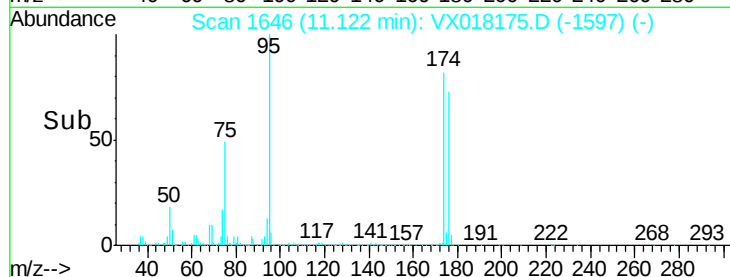
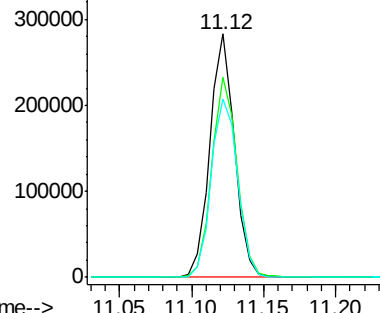
176 78.3 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018175.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018175.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018175.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018175.D

Acq: 01 Sep 2020 02:55

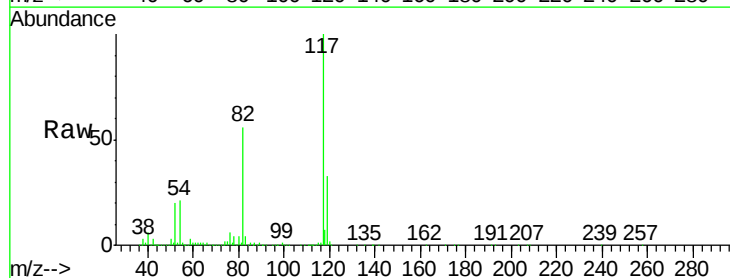
Tgt Ion: 117 Resp: 714664

Ion Ratio Lower Upper

117 100

82 55.6 44.2 66.2

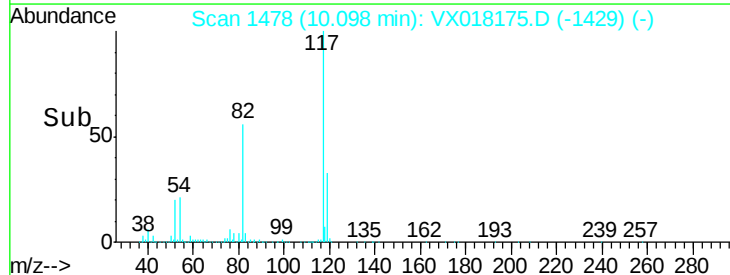
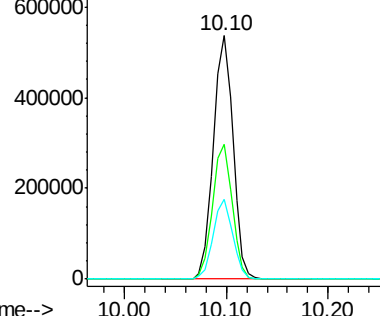
119 32.7 25.7 38.5

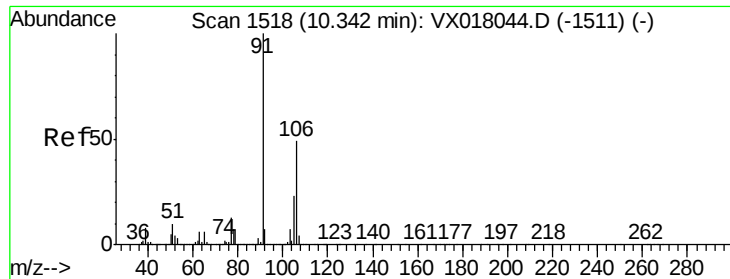


Abundance Ion 116.90 (116.60 to 117.60): VX018175.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018175.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018175.D (-1429) (-)





#68

m/p-Xylenes

Concen: 0.355 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018175.D

Acq: 01 Sep 2020 02:55

Instrument :

MSVOA_X

ClientSampled :

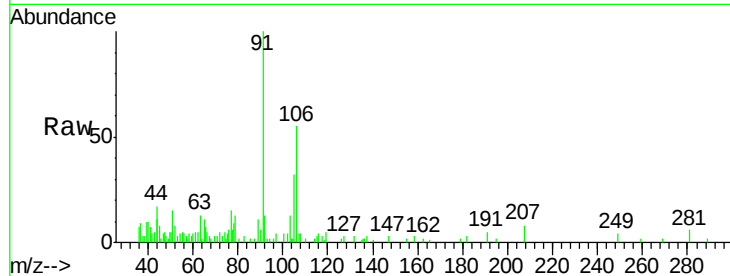
1332-FM648

Tot Ion:106 Resp: 3216

Ion Ratio Lower Upper

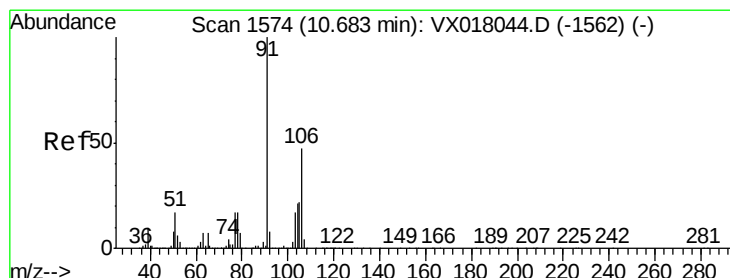
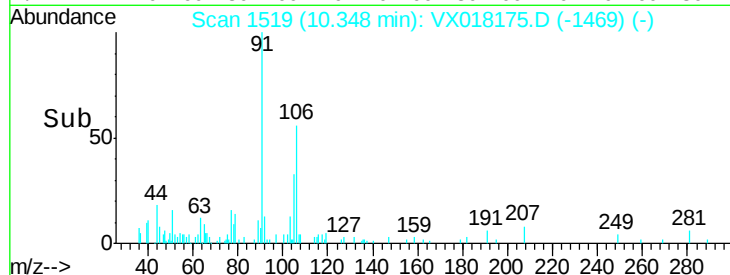
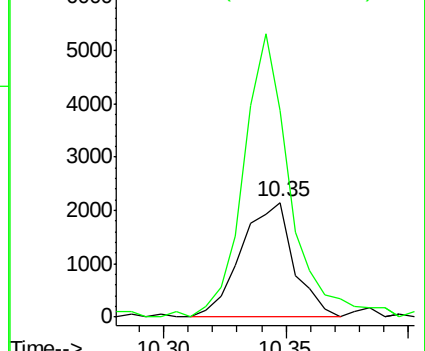
106 100

91 220.4 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.303 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018175.D

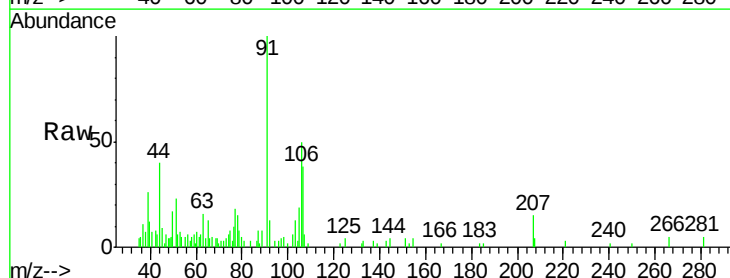
Acq: 01 Sep 2020 02:55

Tgt Ion:106 Resp: 2665

Ion Ratio Lower Upper

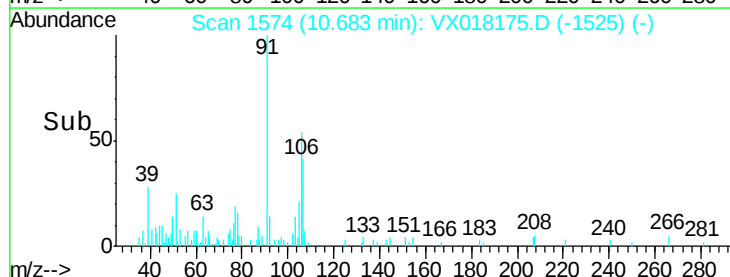
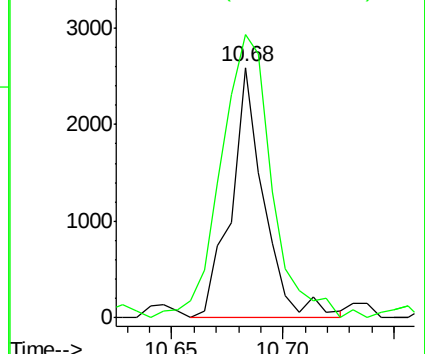
106 100

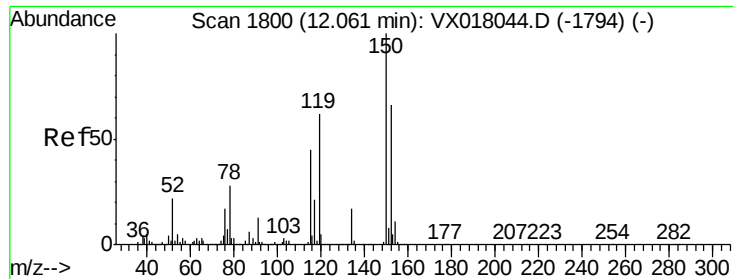
91 174.9 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018175.D

Acq: 01 Sep 2020 02:55

Instrument :

MSVOA_X

ClientSampleId :

1332-FM648

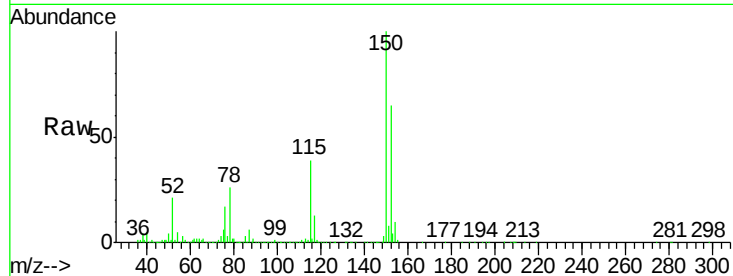
Tot Ion:152 Resp: 343305

Ion Ratio Lower Upper

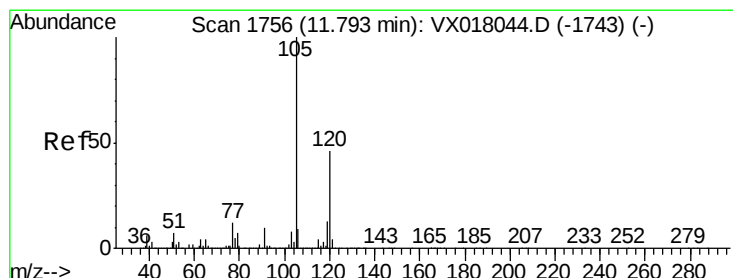
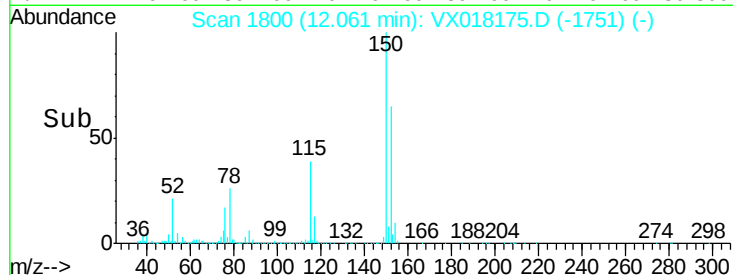
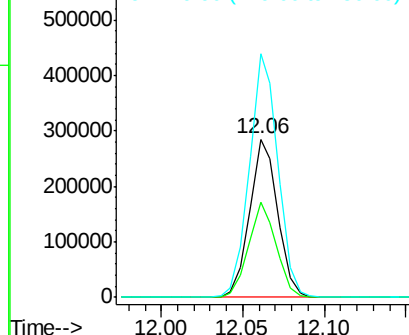
152 100

115 59.0 41.5 124.5

150 155.8 0.0 343.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.841 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018175.D

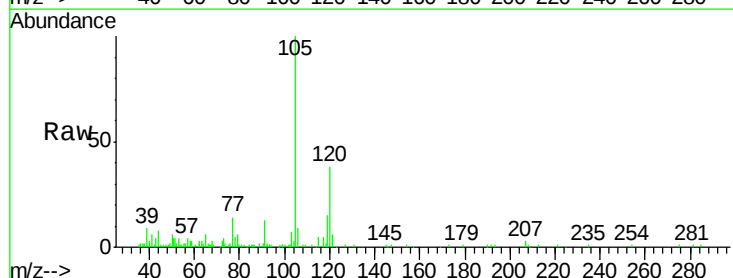
Acq: 01 Sep 2020 02:55

Tgt Ion:105 Resp: 16004

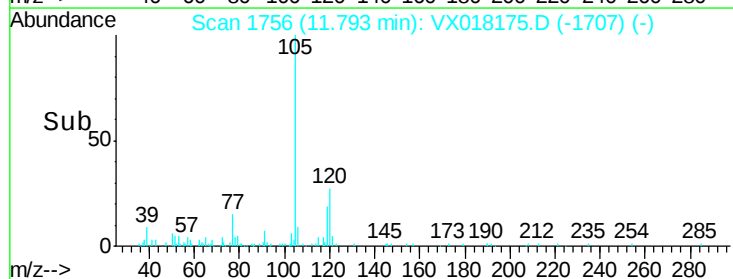
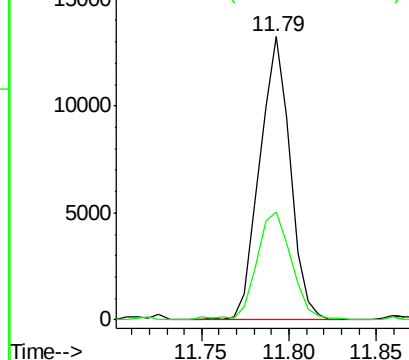
Ion Ratio Lower Upper

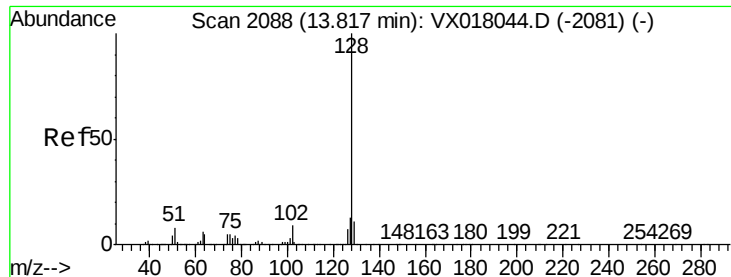
105 100

120 44.1 22.3 66.9



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





#95

Naphthalene

Concen: 0.472 ug/l

RT: 13.82 min Scan# 2089

Delta R.T. 0.01 min

Lab File: VX018175.D

Acq: 01 Sep 2020 02:55

Instrument :

MSVOA_X

ClientSampleId :

1332-FM648

Tot Ion:128 Resp: 10718

Ion Ratio Lower Upper

128 100

127 19.1 10.2 15.2#

129 14.2 8.7 13.1#

