

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017408.D
 Acq On : 16 Jul 2020 21:47
 Operator : JC/SP
 Sample : L3328-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DAY-5

Quant Time: Jul 17 02:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

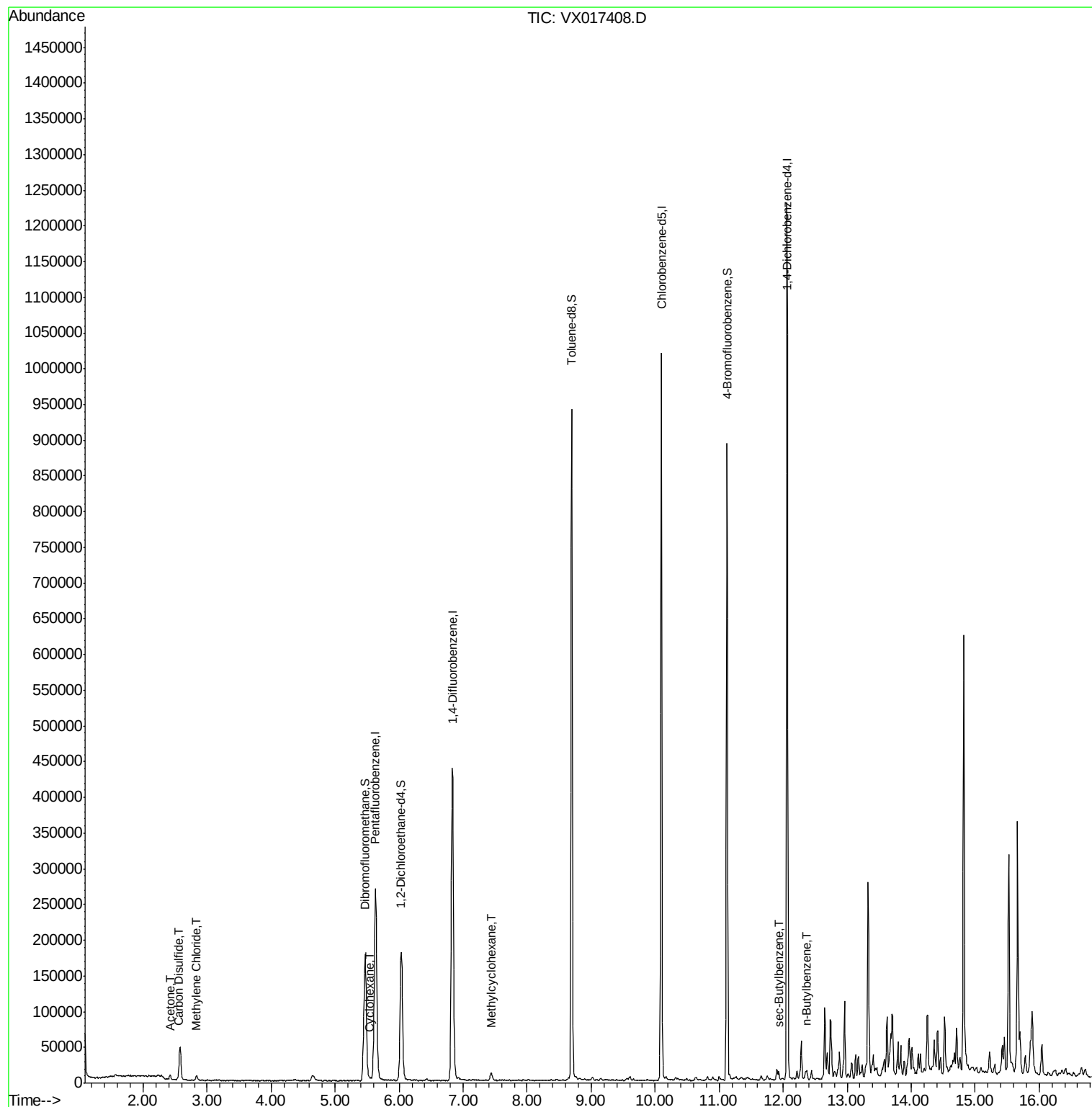
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	442892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	459943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	176519	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
35) Dibromofluoromethane	5.47	113	149903	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	8.70	98	548314	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.12	95	226682	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	6600	5.925	ug/l	99
17) Carbon Disulfide	2.55	76	7050	1.067	ug/l #	94
20) Methylene Chloride	2.84	84	2973	1.094	ug/l #	95
31) Cyclohexane	5.54	56	1781	0.495	ug/l #	76
39) Methylcyclohexane	7.45	83	4186	0.946	ug/l #	86
85) sec-Butylbenzene	11.93	105	5709	0.377	ug/l	99
89) n-Butylbenzene	12.37	91	3731	0.306	ug/l	100

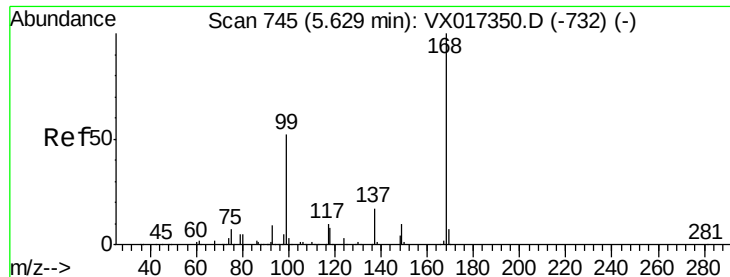
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX017408.D

Acq: 16 Jul 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

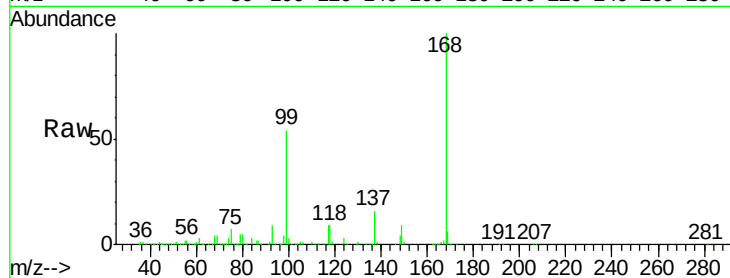
DAY-5

Tot Ion:168 Resp: 248779

Ion Ratio Lower Upper

168 100

99 54.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

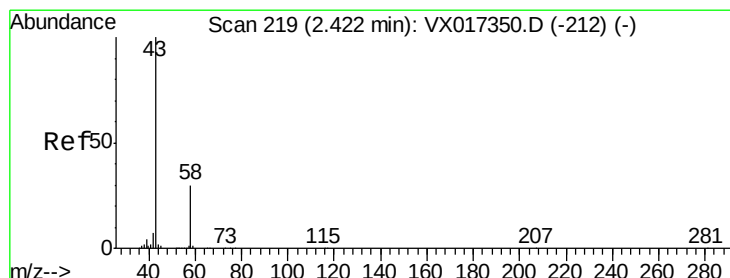
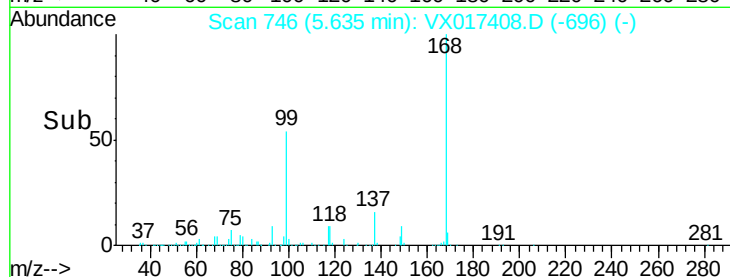
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.925 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017408.D

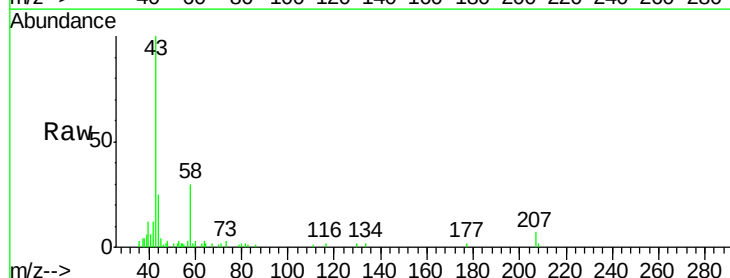
Acq: 16 Jul 2020 21:47

Tgt Ion: 43 Resp: 6600

Ion Ratio Lower Upper

43 100

58 30.6 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

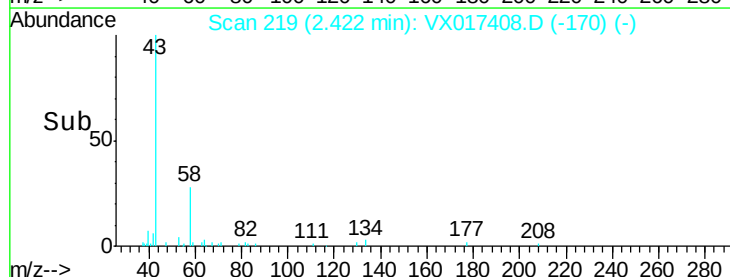
3000

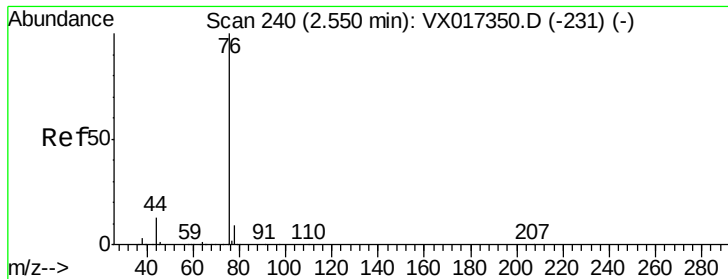
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.067 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017408.D

Acq: 16 Jul 2020 21:47

Instrument :

MSVOA_X

ClientSampled :

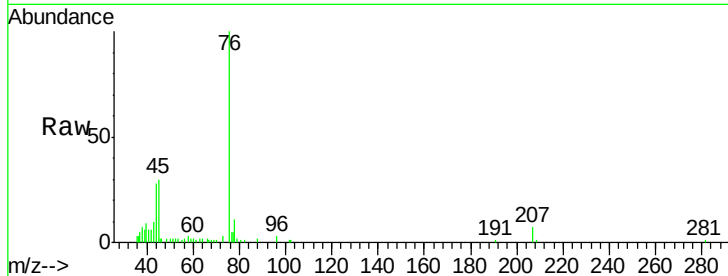
DAY-5

Tot Ion: 76 Resp: 7050

Ion Ratio Lower Upper

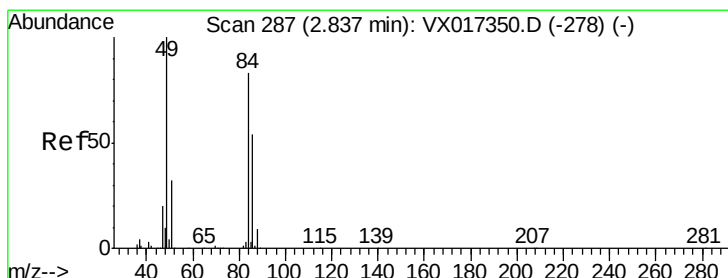
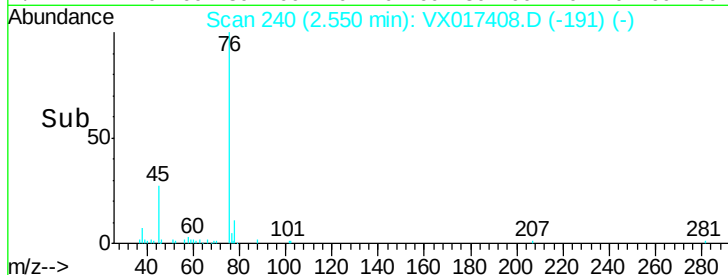
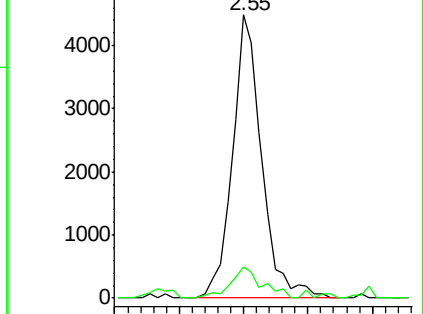
76 100

78 11.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 1.094 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX017408.D

Acq: 16 Jul 2020 21:47

Tgt Ion: 84 Resp: 2973

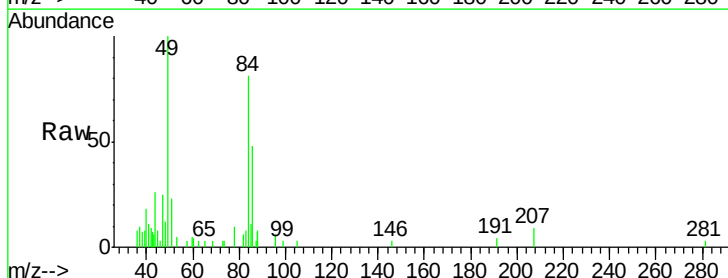
Ion Ratio Lower Upper

84 100

49 119.4 95.8 143.8

51 28.3 31.0 46.4#

86 59.6 51.8 77.8

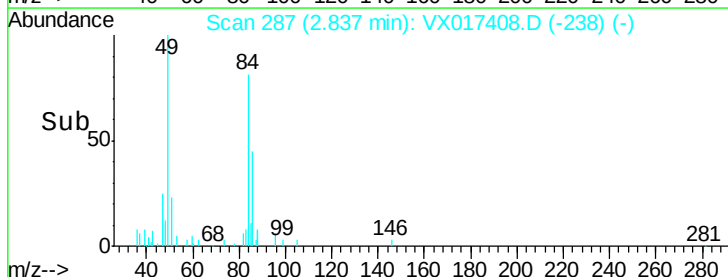
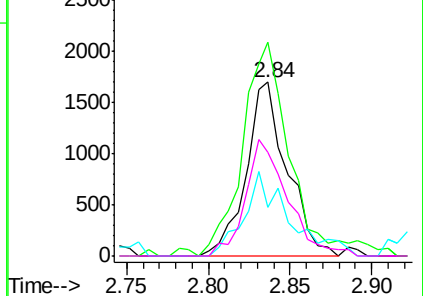


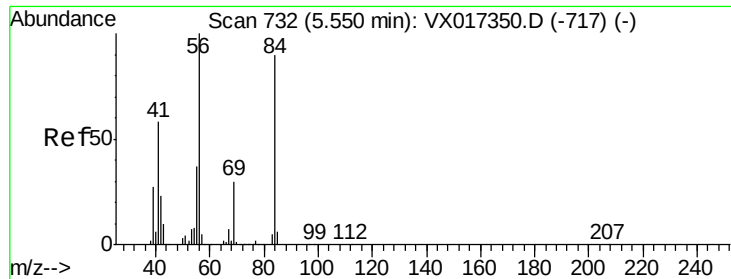
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

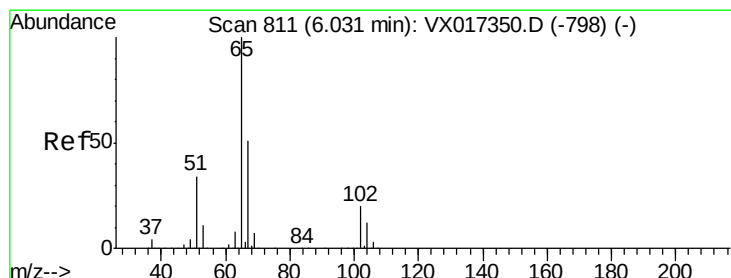
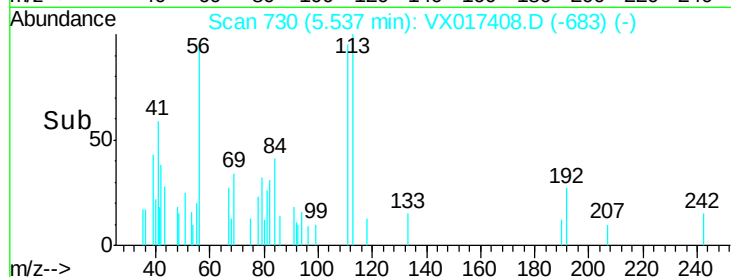
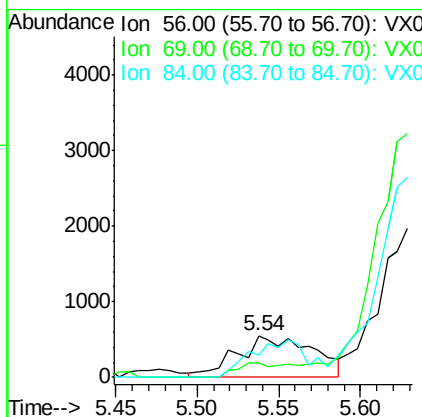
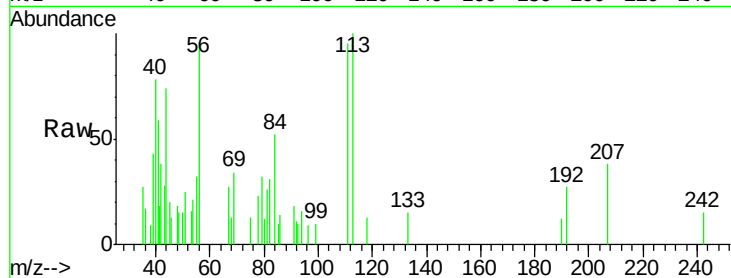




#31
Cyclohexane
Concen: 0.495 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX017408.D
Acq: 16 Jul 2020 21:47

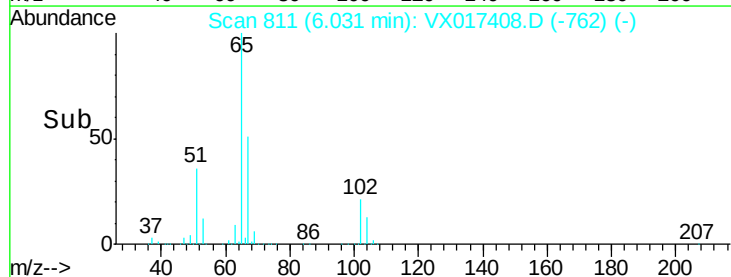
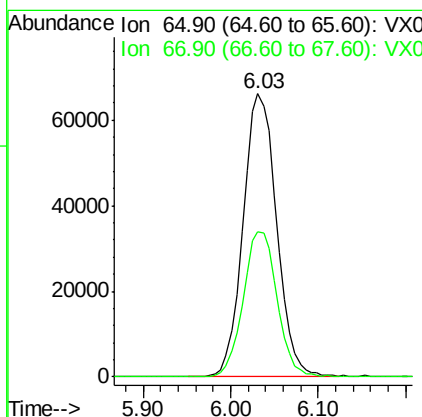
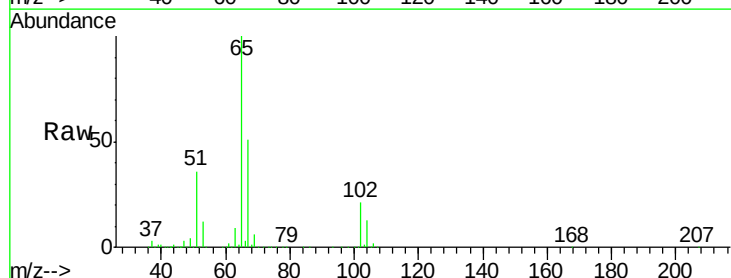
Instrument :
MSVOA_X
ClientSampled :
DAY-5

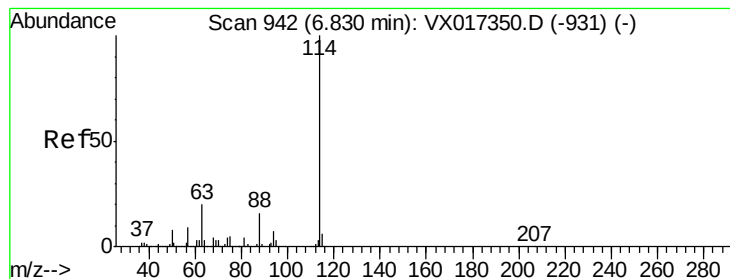
Tot Ion: 56 Resp: 1781
Ion Ratio Lower Upper
56 100
69 44.7 23.7 35.5#
84 69.0 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 56.533 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017408.D
Acq: 16 Jul 2020 21:47

Tgt Ion: 65 Resp: 176519
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017408.D

Acq: 16 Jul 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

DAY-5

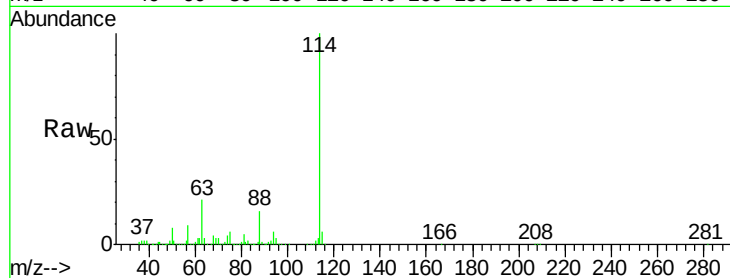
Tot Ion:114 Resp: 442892

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

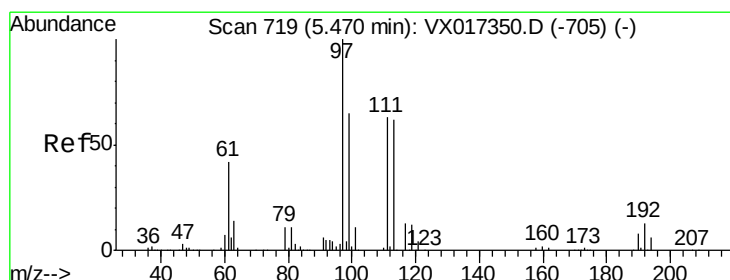
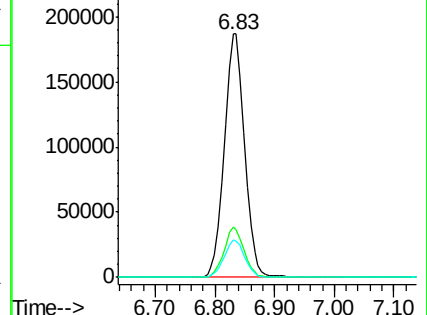
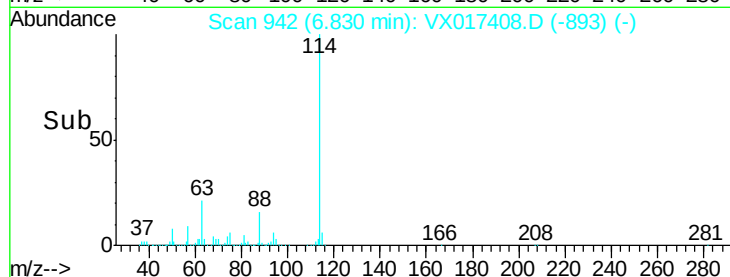
88 15.6 0.0 32.8



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: 50.246 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017408.D

Acq: 16 Jul 2020 21:47

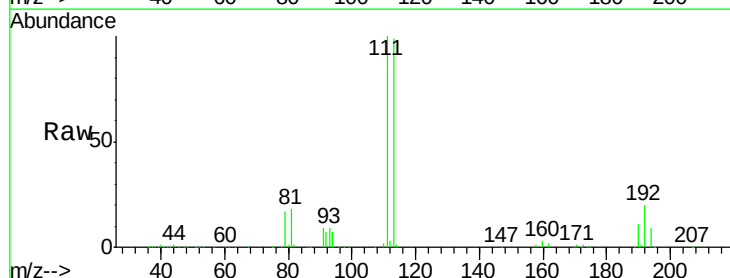
Tgt Ion:113 Resp: 149903

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

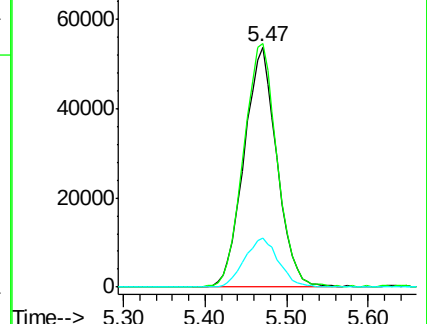
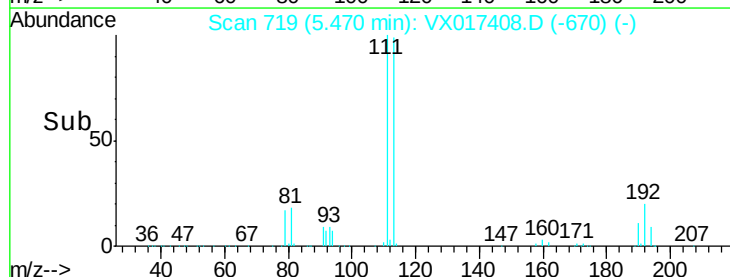
192 21.4 17.2 25.8

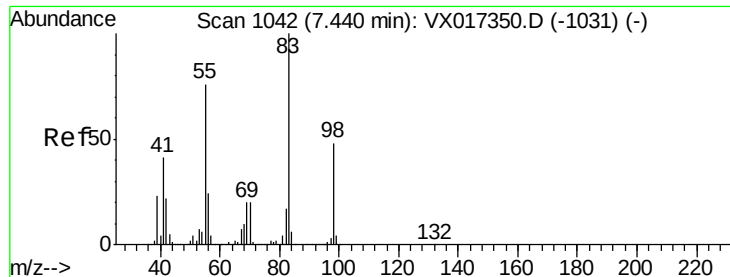


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

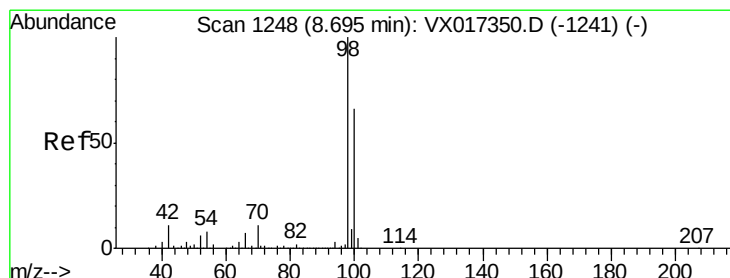
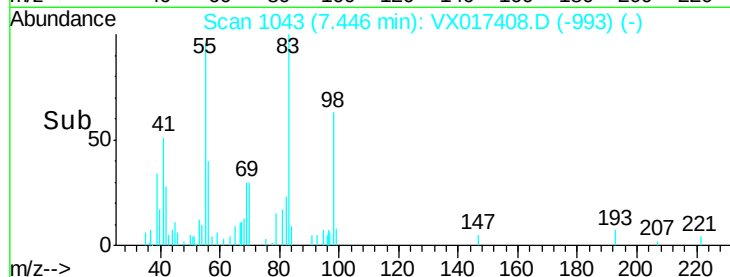
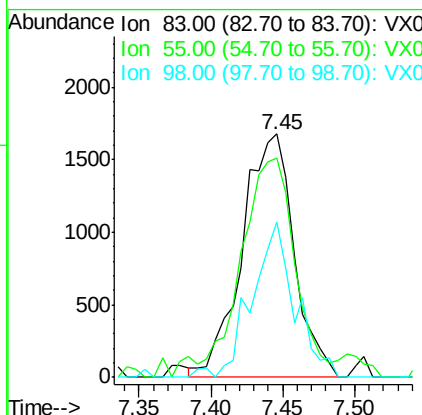
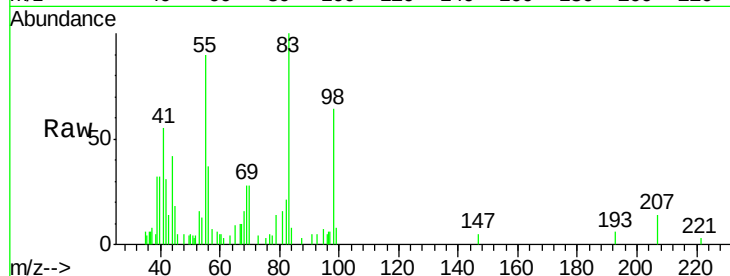




#39
Methylvlcyclohexane
Concen: 0.946 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017408.D
Acq: 16 Jul 2020 21:47

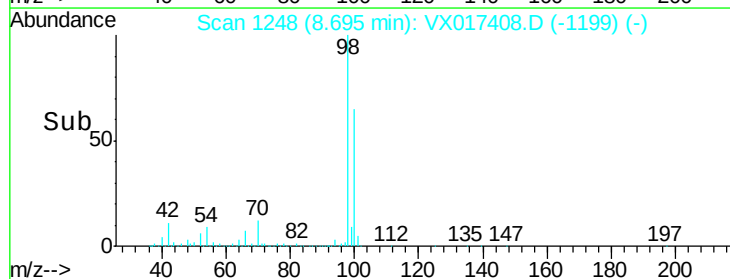
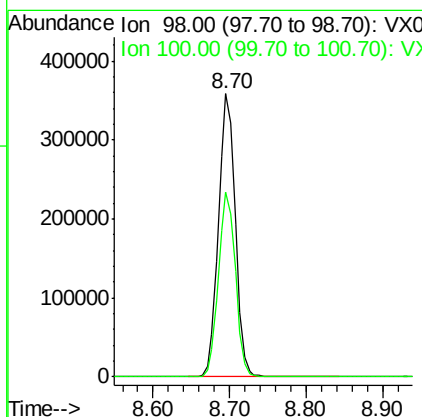
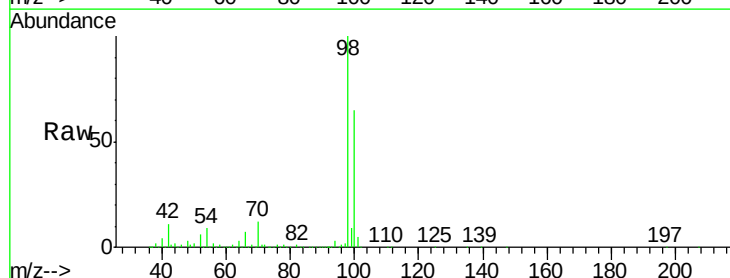
Instrument :
MSVOA_X
ClientSampleId :
DAY-5

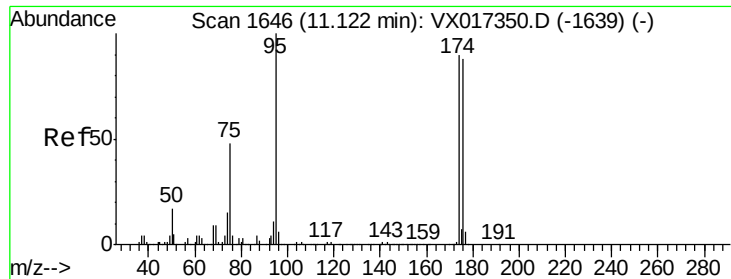
Tot Ion: 83 Resp: 4186
Ion Ratio Lower Upper
83 100
55 82.9 61.2 91.8
98 63.5 38.1 57.1#



#50
Toluene-d8
Concen: 50.951 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017408.D
Acq: 16 Jul 2020 21:47

Tgt Ion: 98 Resp: 548314
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 53.029 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017408.D

Acq: 16 Jul 2020 21:47

Instrument :

MSVOA_X

ClientSampleId :

DAY-5

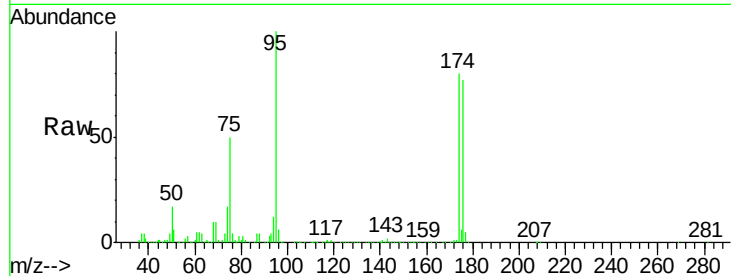
Tot Ion: 95 Resp: 226682

Ion Ratio Lower Upper

95 100

174 80.9 0.0 175.8

176 78.4 0.0 164.6

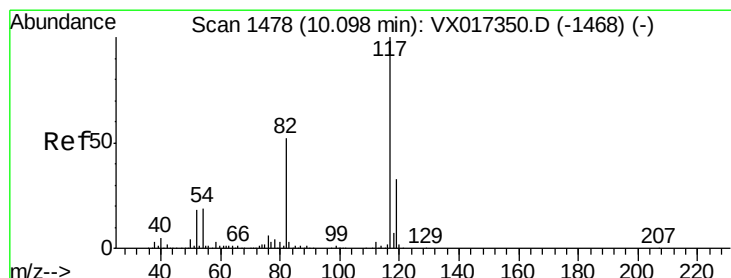
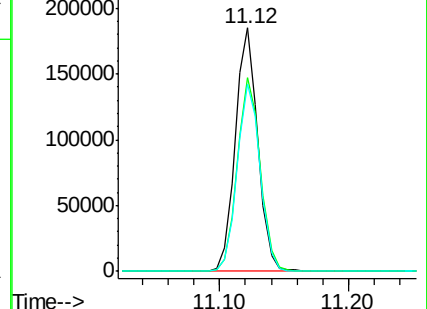
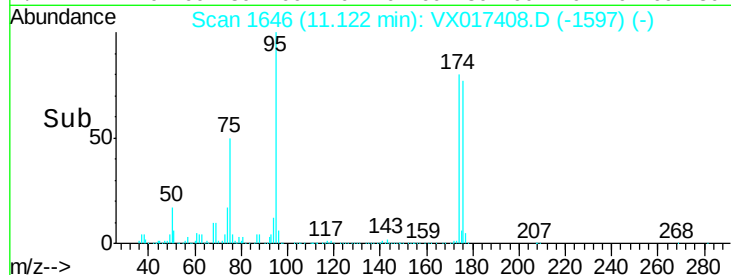


Abundance Ion 94.90 (94.60 to 95.60): VX017350.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017350.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017350.D (-1639) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017408.D

Acq: 16 Jul 2020 21:47

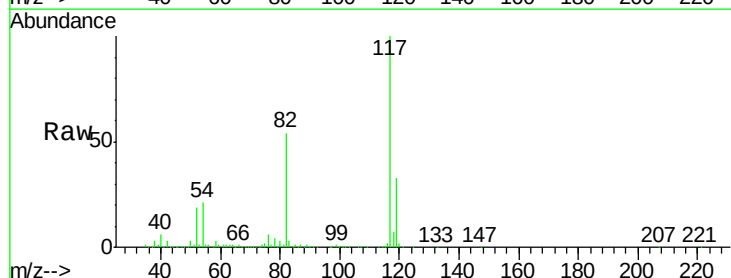
Tgt Ion: 117 Resp: 459943

Ion Ratio Lower Upper

117 100

82 54.0 42.0 63.0

119 33.0 26.3 39.5

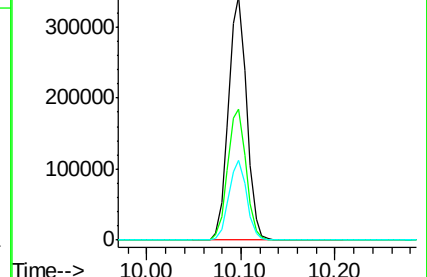
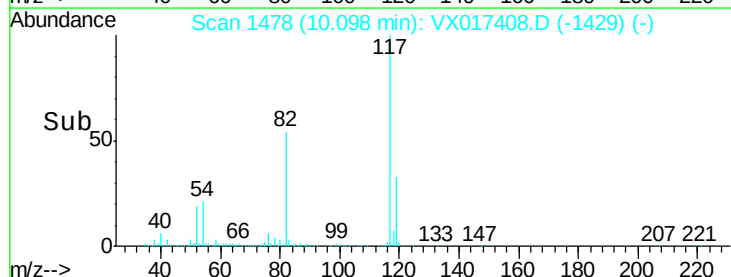


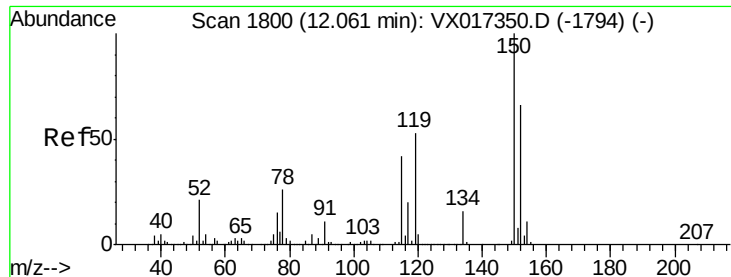
Abundance Ion 116.90 (116.60 to 117.60): VX017350.D (-1468) (-)

Ion 82.00 (81.70 to 82.70): VX017350.D (-1468) (-)

Ion 118.90 (118.60 to 119.60): VX017350.D (-1468) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017408.D

Acq: 16 Jul 2020 21:47

Instrument :

MSVOA_X

ClientSampled :

DAY-5

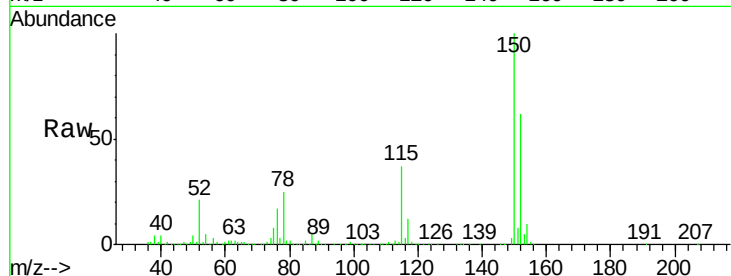
Tot Ion:152 Resp: 251292

Ion Ratio Lower Upper

152 100

115 57.3 39.9 119.7

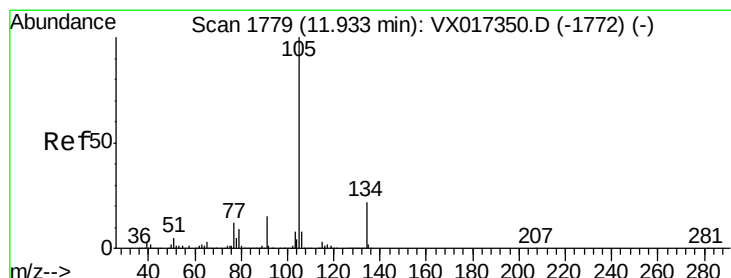
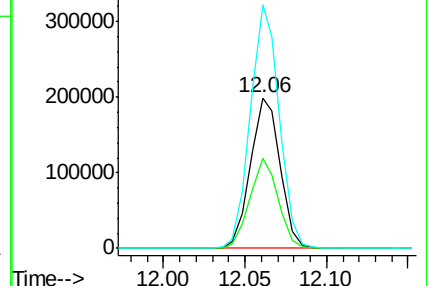
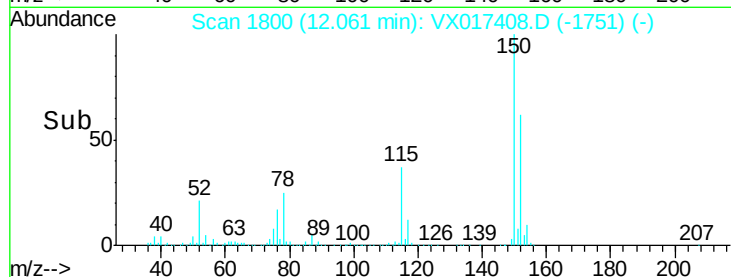
150 158.3 0.0 343.4



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



#85

sec-Butylbenzene

Concen: 0.377 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017408.D

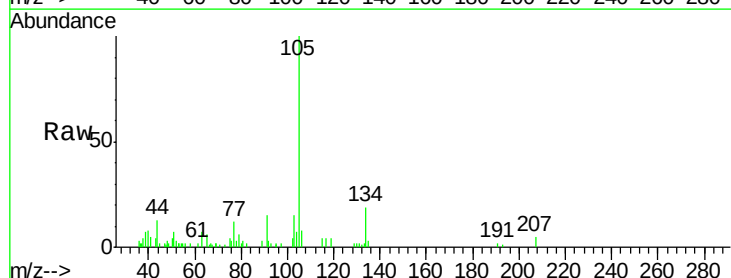
Acq: 16 Jul 2020 21:47

Tgt Ion:105 Resp: 5709

Ion Ratio Lower Upper

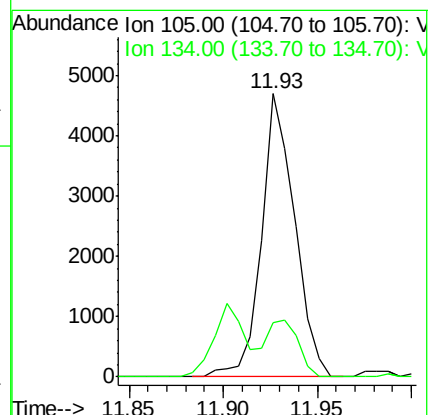
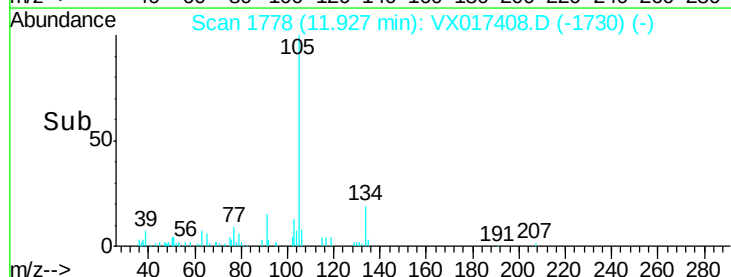
105 100

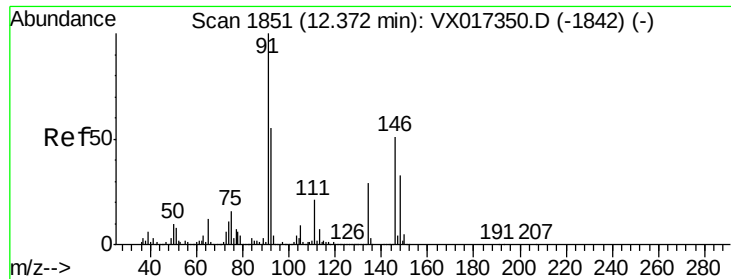
134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89
 n-Butylbenzene
 Concen: 0.306 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017408.D
 Acq: 16 Jul 2020 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 DAY-5

Tot Ion: 91 Resp: 3731
 Ion Ratio Lower Upper
 91 100
 92 53.7 27.0 81.0
 134 28.1 14.1 42.2

