

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018116.D
 Acq On : 28 Aug 2020 13:35
 Operator : JC/SP
 Sample : L3823-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01

Quant Time: Aug 29 03:41:35 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

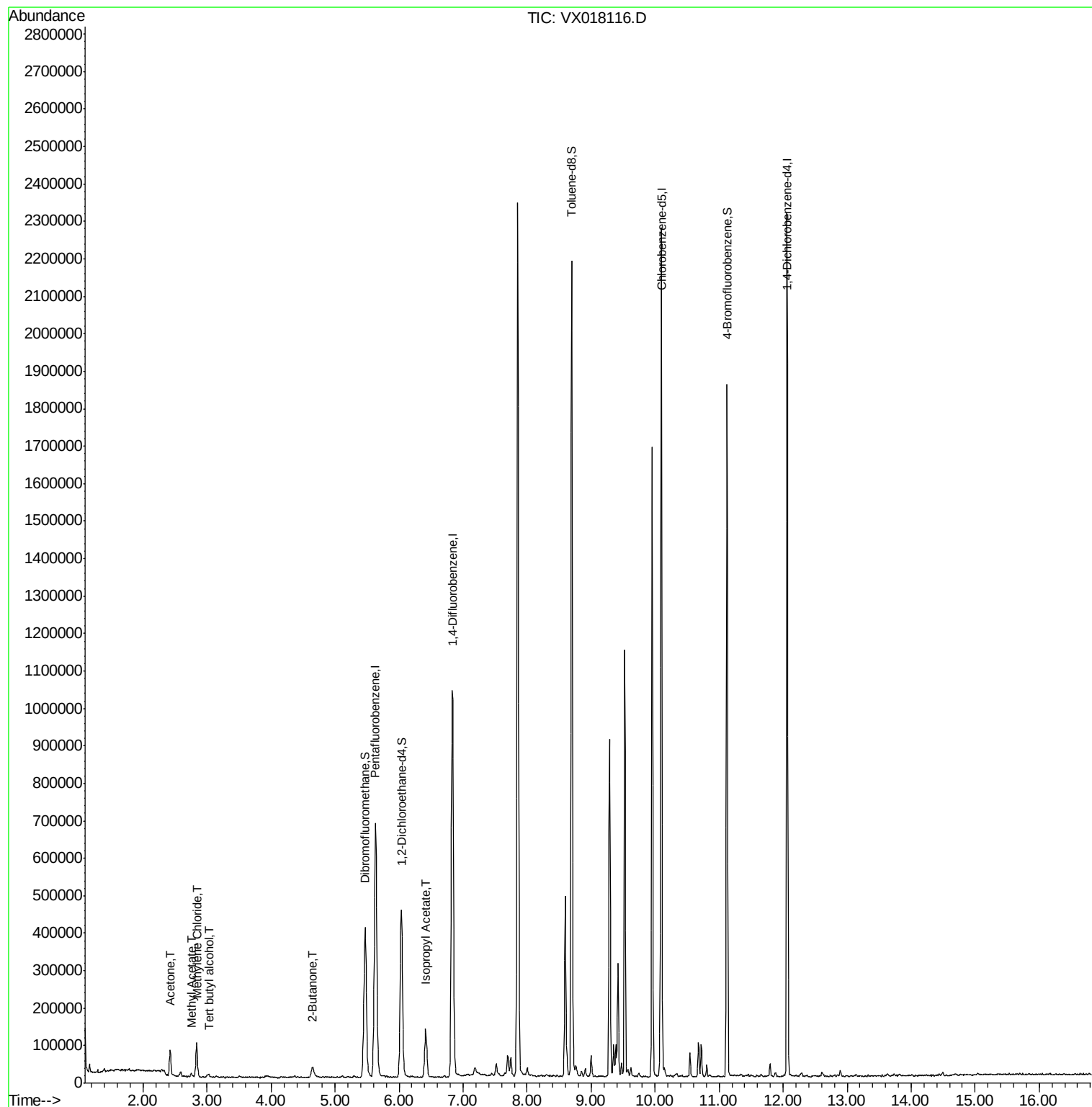
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	624054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1037384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1007690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	462218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	439741	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	5.47	113	350437	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	8.70	98	1316517	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.12	95	487088	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.02	59	10901	6.471	ug/l #	76
16) Acetone	2.42	43	70739	20.955	ug/l	99
18) Methyl Acetate	2.76	43	12111	1.487	ug/l	98
20) Methylene Chloride	2.83	84	41645	4.982	ug/l	97
25) 2-Butanone	4.64	43	44485	8.018	ug/l	91
43) Isopropyl Acetate	6.42	43	182172	10.149	ug/l	100

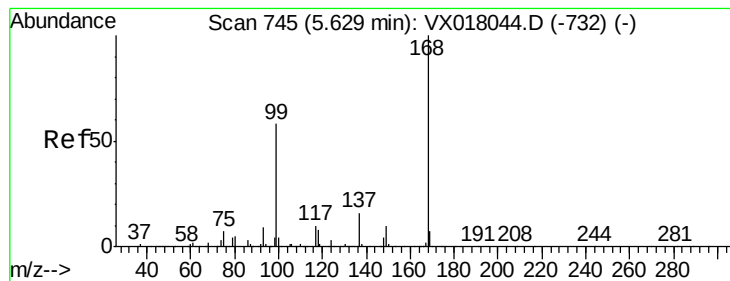
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018116.D

Acq: 28 Aug 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

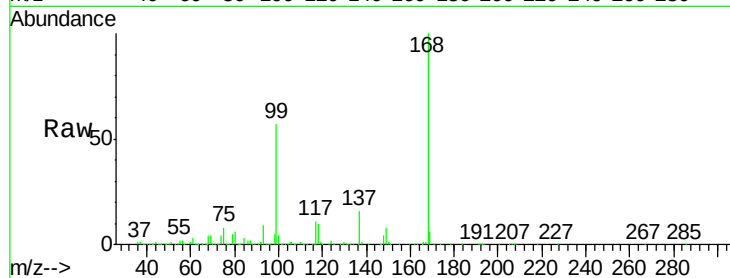
789UMR-DSP02-01

Tot Ion:168 Resp: 624054

Ion Ratio Lower Upper

168 100

99 57.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

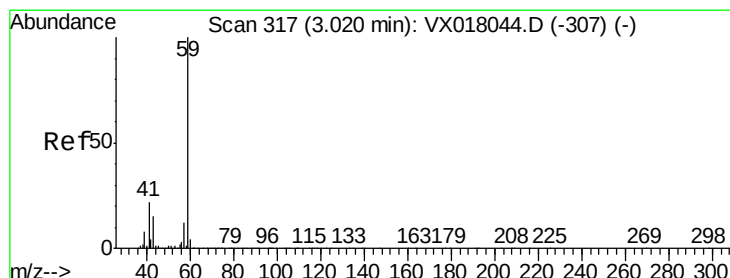
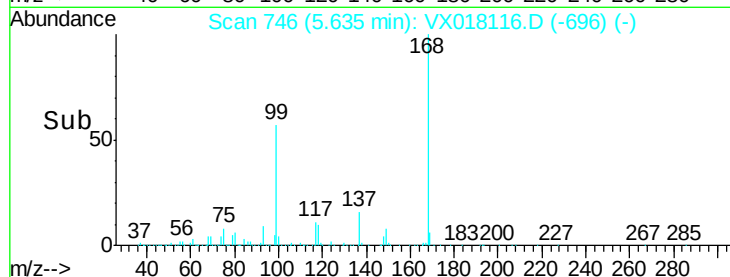
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.471 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX018116.D

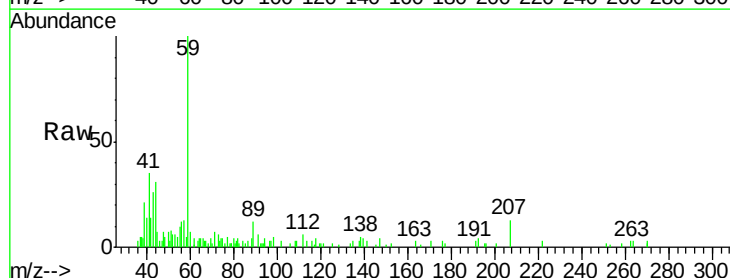
Acq: 28 Aug 2020 13:35

Tgt Ion: 59 Resp: 10901

Ion Ratio Lower Upper

59 100

57 20.4 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

4000

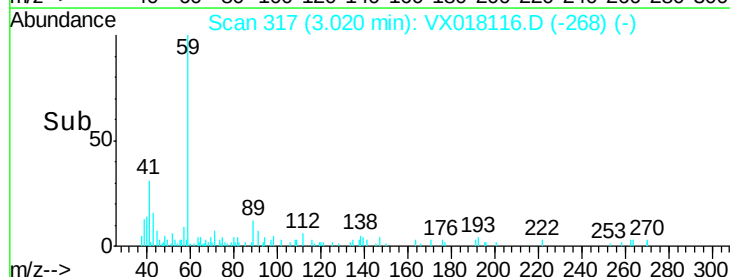
3000

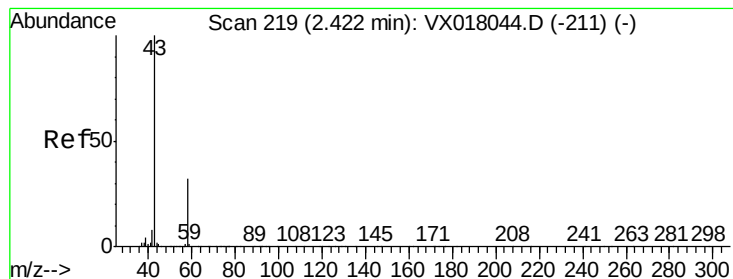
2000

1000

0

Time-->





#16

Acetone

Concen: 20.955 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018116.D

Acq: 28 Aug 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

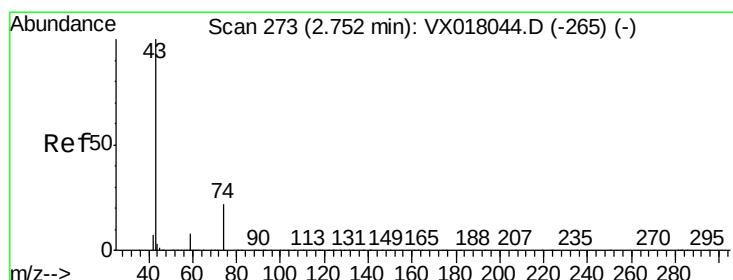
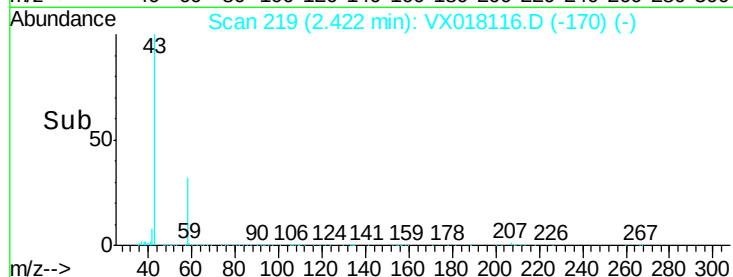
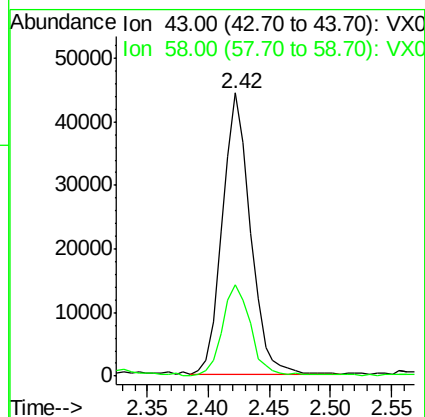
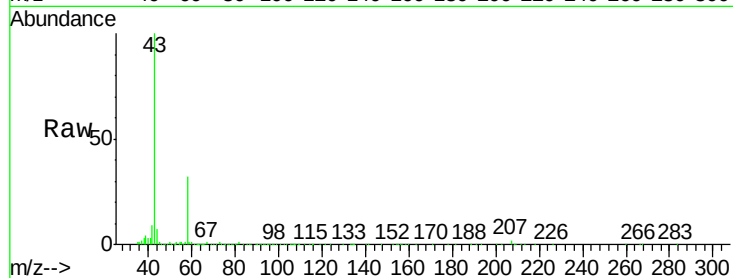
789UMR-DSP02-01

Tot Ion: 43 Resp: 70739

Ion Ratio Lower Upper

43 100

58 32.4 25.5 38.3



#18

Methyl Acetate

Concen: 1.487 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX018116.D

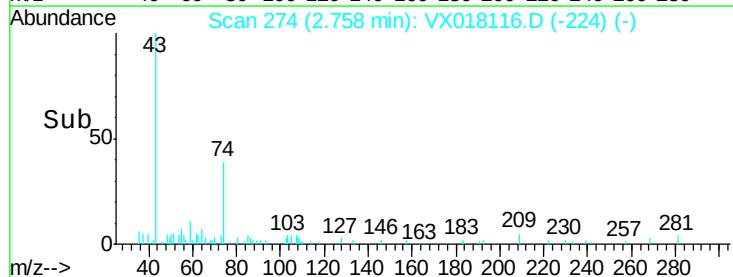
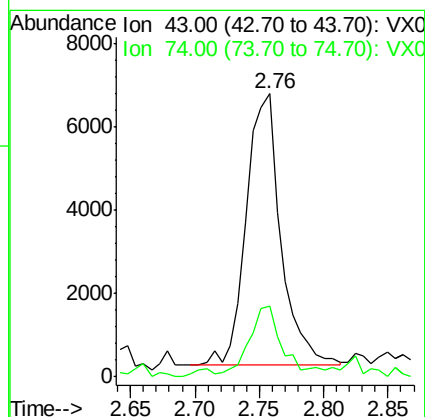
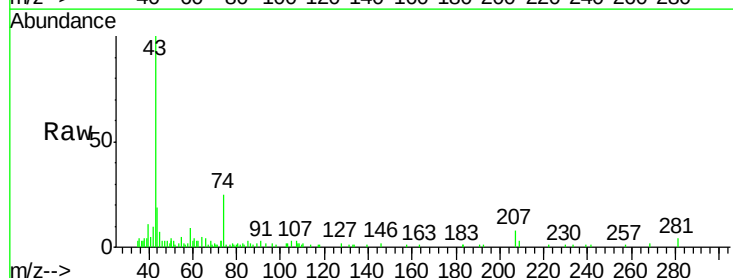
Acq: 28 Aug 2020 13:35

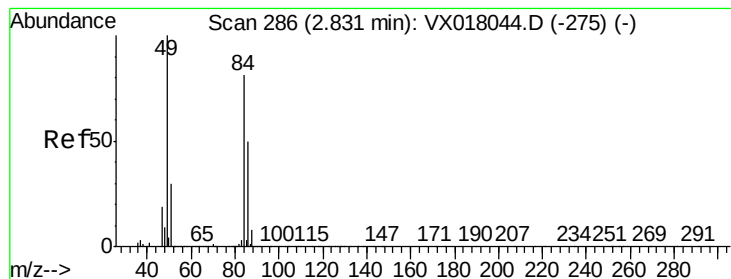
Tgt Ion: 43 Resp: 12111

Ion Ratio Lower Upper

43 100

74 21.9 18.2 27.4





#20

Methvlene Chloride

Concen: 4.982 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX018116.D

Acq: 28 Aug 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01

Tot Ion: 84 Resp: 41645

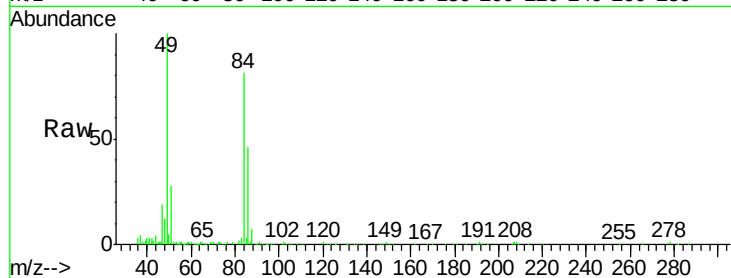
Ion Ratio Lower Upper

84 100

49 122.2 98.6 148.0

51 33.8 29.6 44.4

86 57.0 49.8 74.6

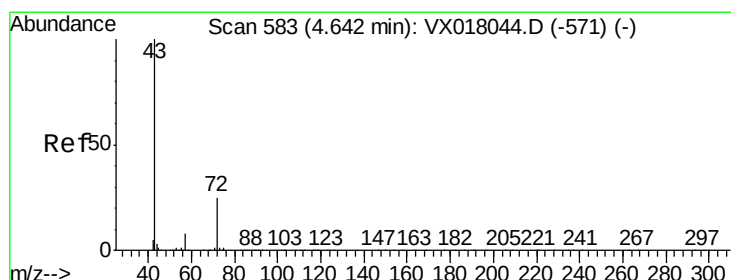
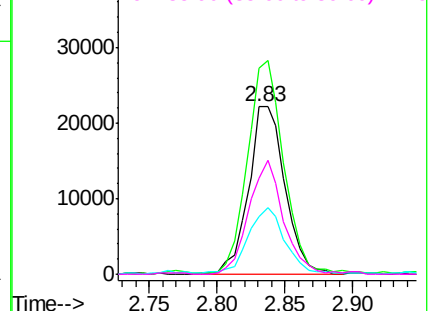
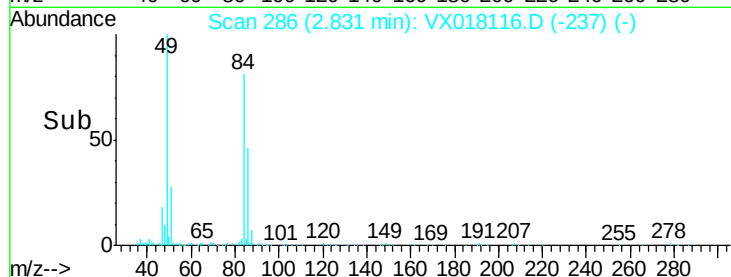


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 8.018 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018116.D

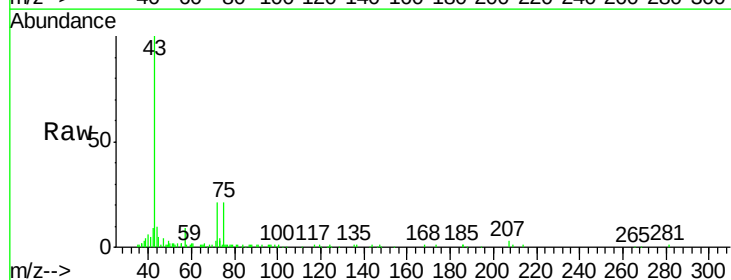
Acq: 28 Aug 2020 13:35

Tgt Ion: 43 Resp: 44485

Ion Ratio Lower Upper

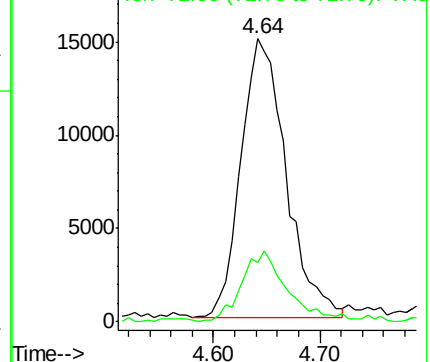
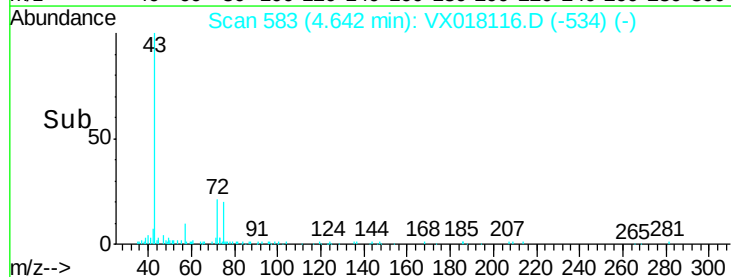
43 100

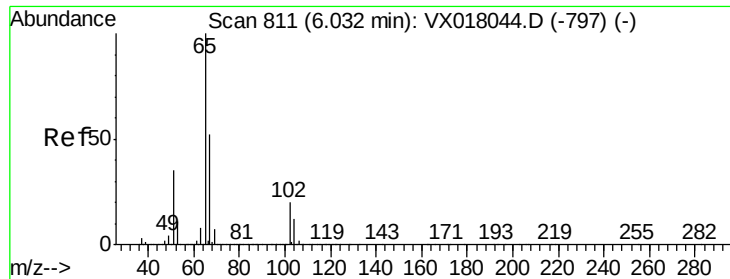
72 20.4 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

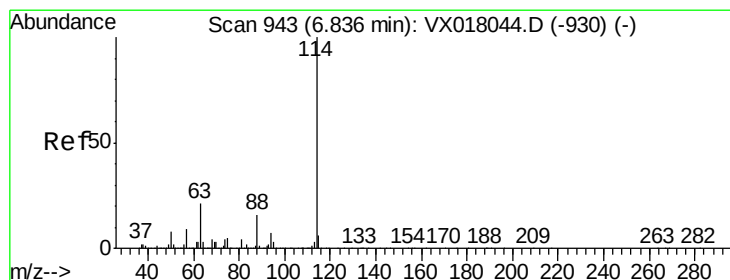
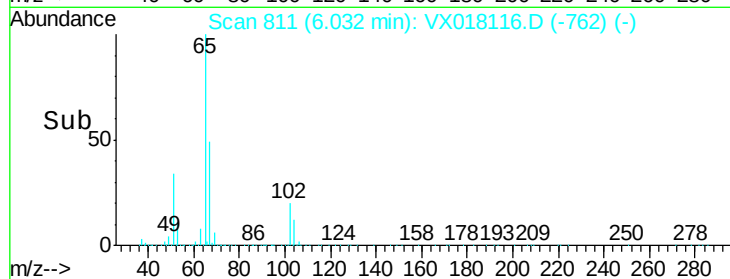
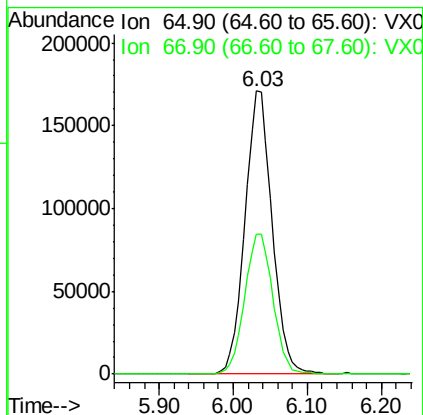
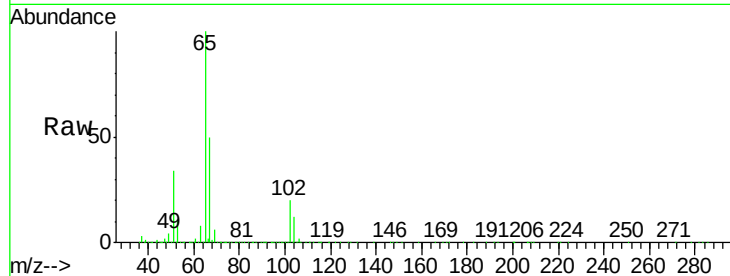




#33
 1,2-Dichloroethane-d4
 Concen: 50.758 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018116.D
 Acq: 28 Aug 2020 13:35

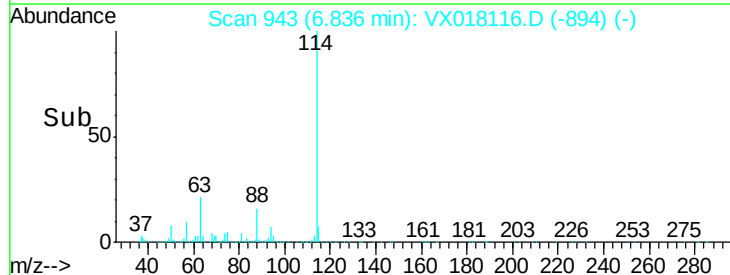
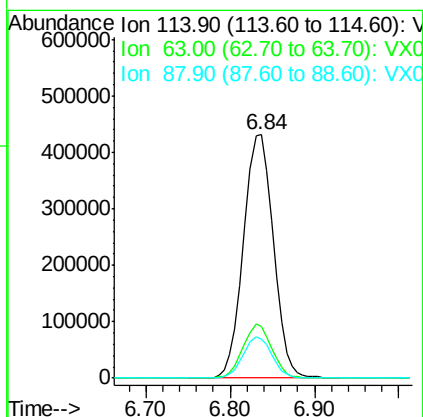
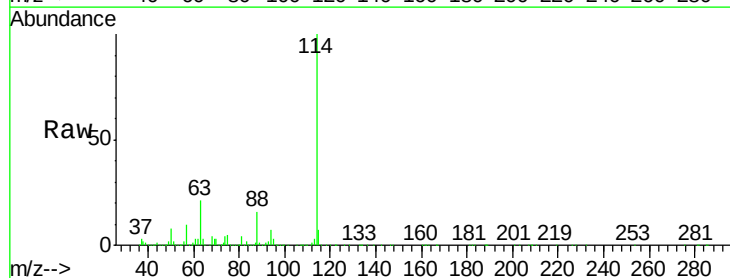
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01

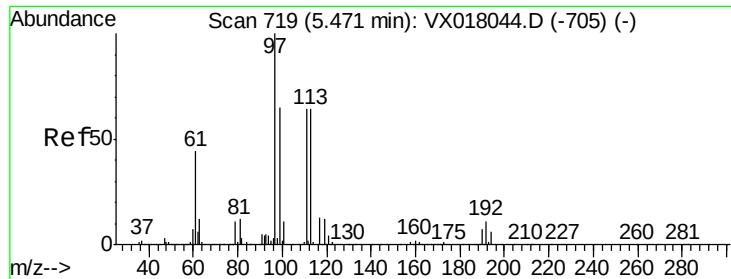
Tot Ion: 65 Resp: 439741
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018116.D
 Acq: 28 Aug 2020 13:35

Tgt Ion: 114 Resp: 1037384
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018116.D

Acq: 28 Aug 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01

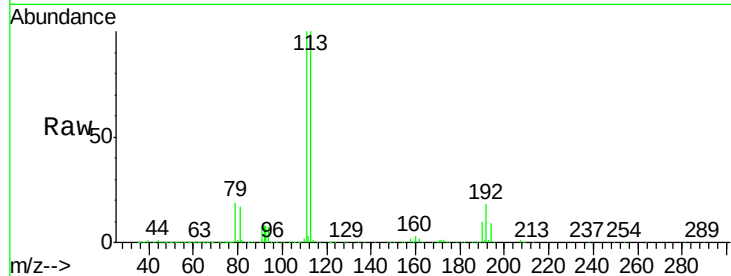
Tot Ion:113 Resp: 350437

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

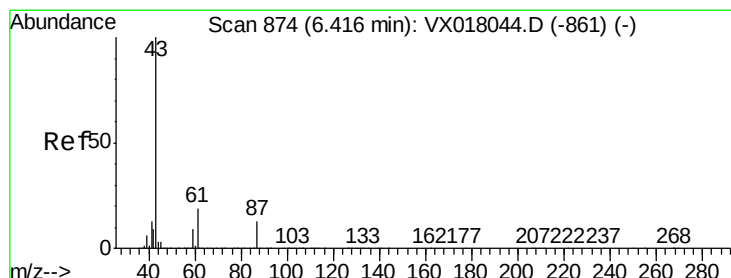
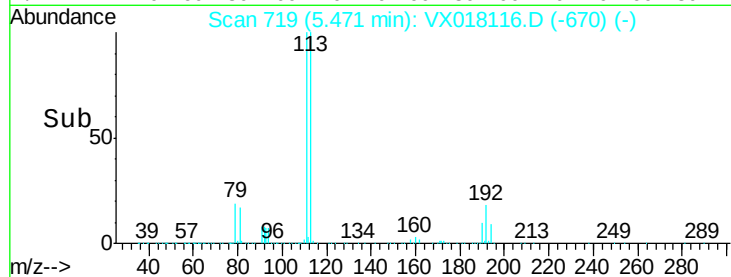
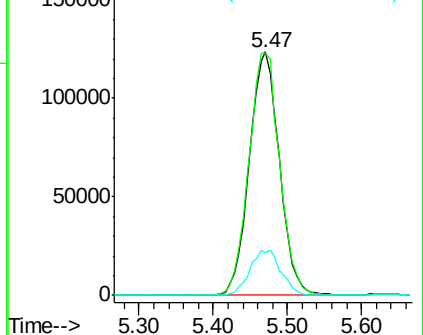
192 19.5 15.8 23.8



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



#43

Isopropyl Acetate

Concen: 10.149 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018116.D

Acq: 28 Aug 2020 13:35

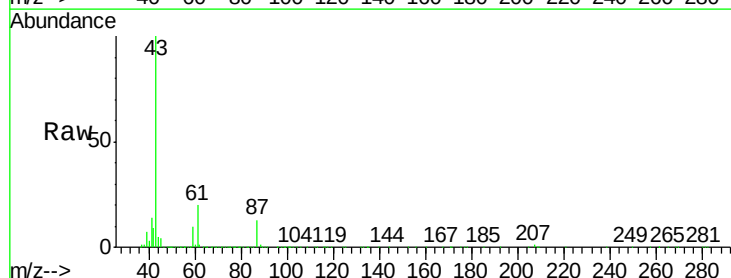
Tgt Ion: 43 Resp: 182172

Ion Ratio Lower Upper

43 100

61 19.3 15.7 23.5

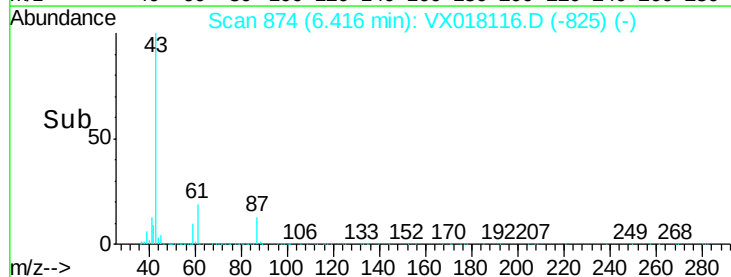
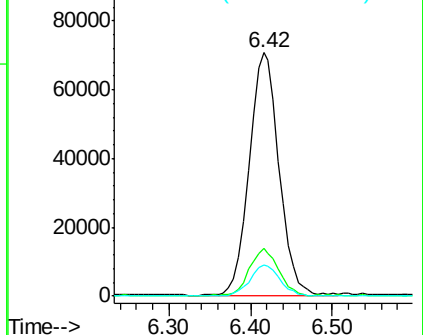
87 12.9 10.3 15.5

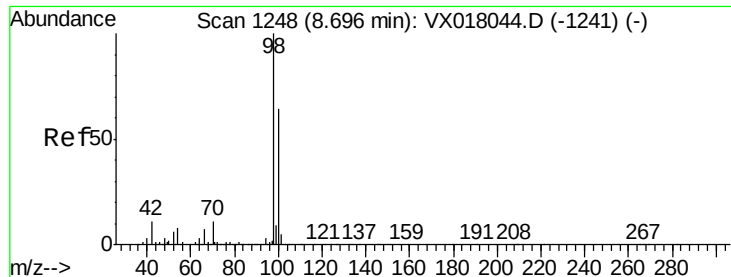


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.030 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018116.D

Acq: 28 Aug 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

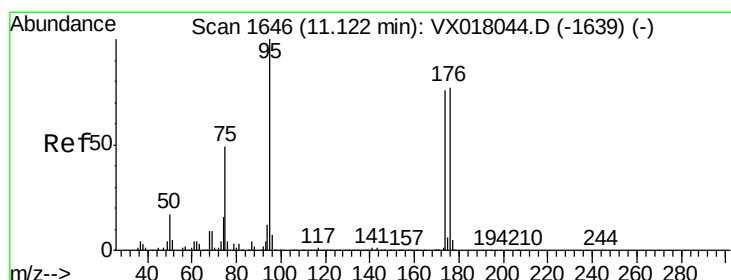
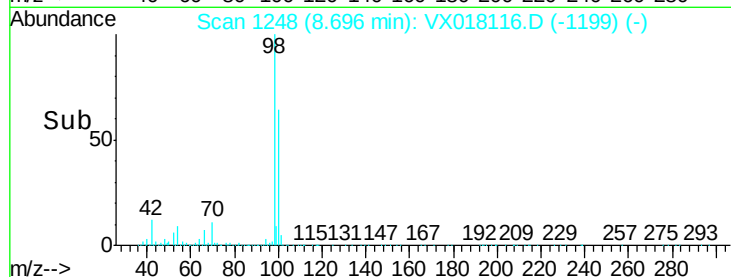
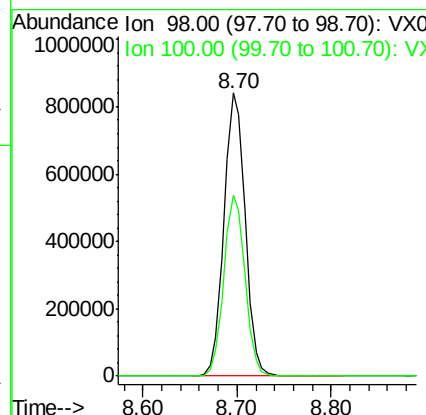
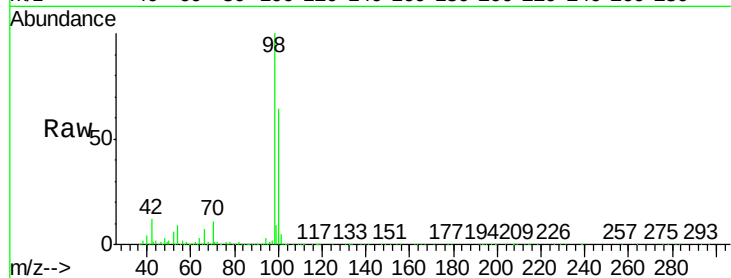
789UMR-DSP02-01

Tot Ion: 98 Resp: 1316517

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.048 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018116.D

Acq: 28 Aug 2020 13:35

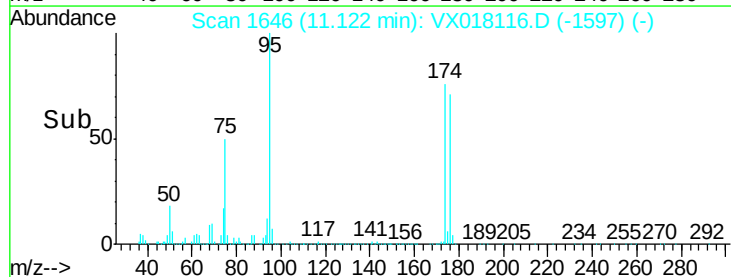
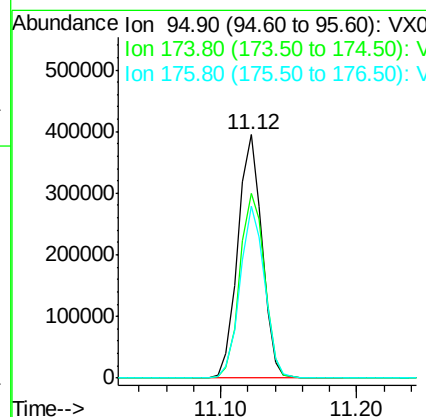
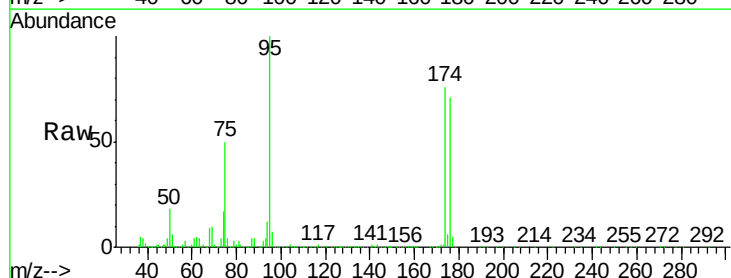
Tgt Ion: 95 Resp: 487088

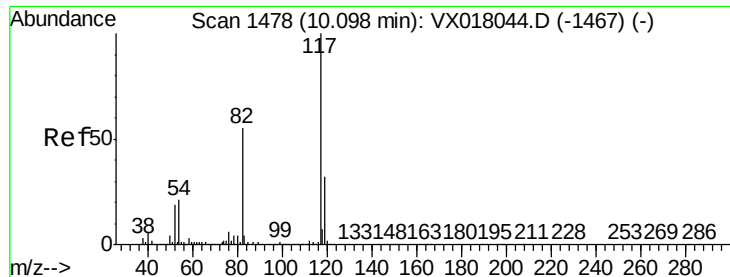
Ion Ratio Lower Upper

95 100

174 78.2 0.0 160.2

176 71.8 0.0 155.8

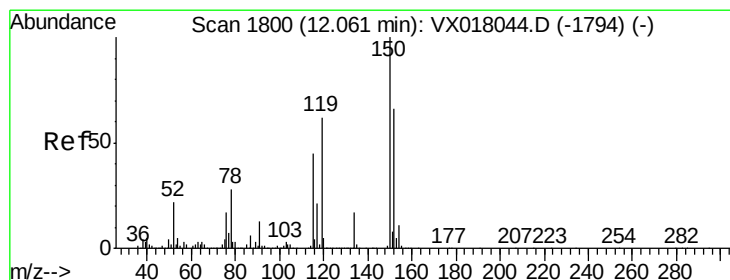
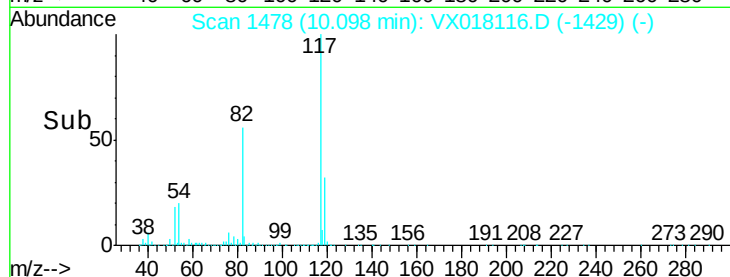
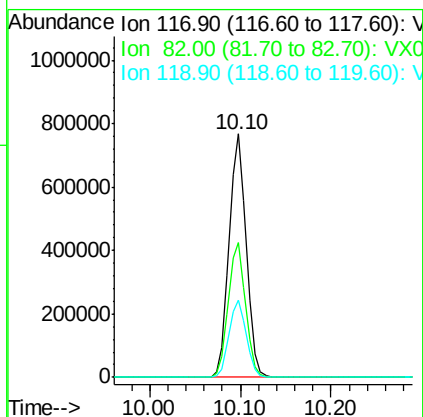
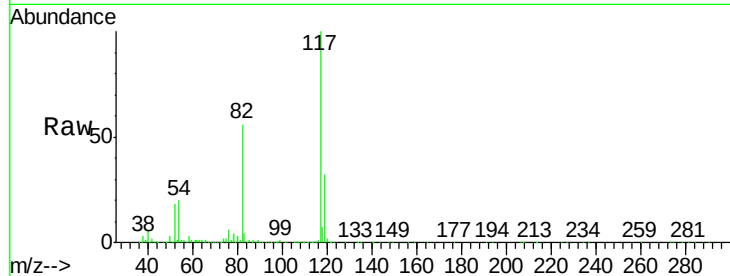




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018116.D
Acq: 28 Aug 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01

Tot Ion:117 Resp: 1007690
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018116.D
Acq: 28 Aug 2020 13:35

Tgt Ion:152 Resp: 462218
Ion Ratio Lower Upper
152 100
115 59.0 41.5 124.5
150 152.7 0.0 343.8

