

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016289.D
 Acq On : 15 May 2020 18:28
 Operator : JC/SP
 Sample : L2644-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMP

Quant Time: May 16 08:15:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

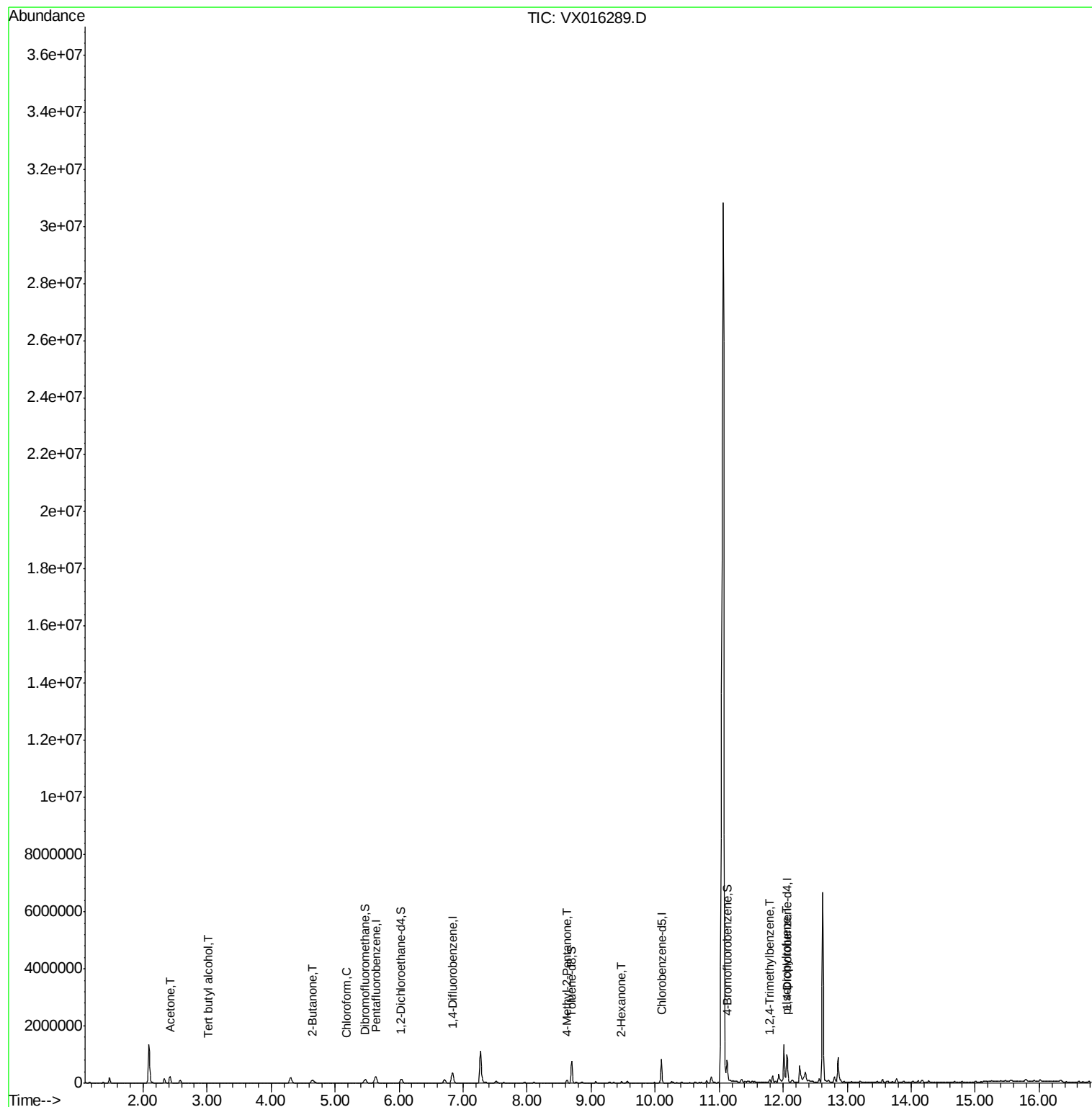
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	226449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	375374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	370986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	179255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	138992	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
35) Dibromofluoromethane	5.47	113	111996	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	8.70	98	465331	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	170639	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	10864	14.418	ug/l	99
16) Acetone	2.42	43	238527	179.401	ug/l	99
25) 2-Butanone	4.64	43	118201	55.170	ug/l	98
30) Chloroform	5.18	83	7879	1.737	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	55397	13.248	ug/l	98
59) 2-Hexanone	9.48	43	23780m	7.242	ug/l	
84) 1,2,4-Trimethylbenzene	11.79	105	24165	2.171	ug/l #	47
86) p-Isopropyltoluene	12.05	119	189245	15.913	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016289.D

Acq: 15 May 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

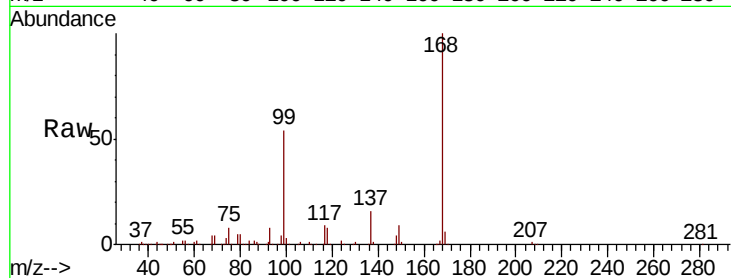
DRUM-COMP

Tot Ion:168 Resp: 226449

Ion Ratio Lower Upper

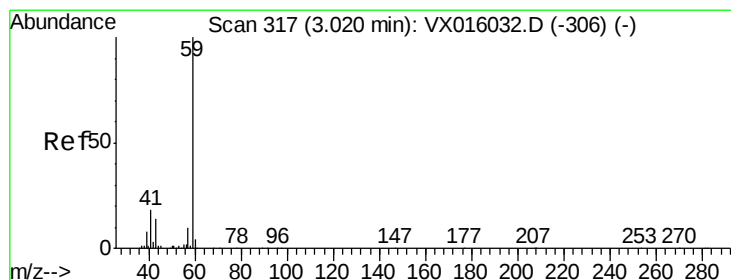
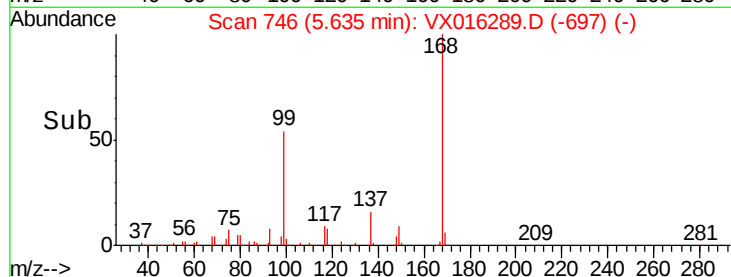
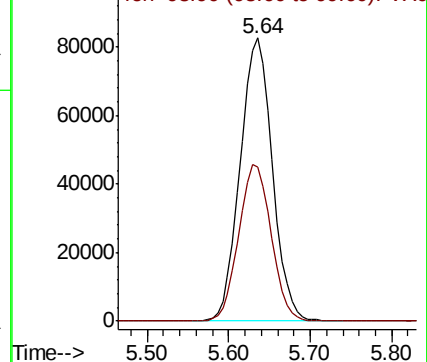
168 100

99 54.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 14.418 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX016289.D

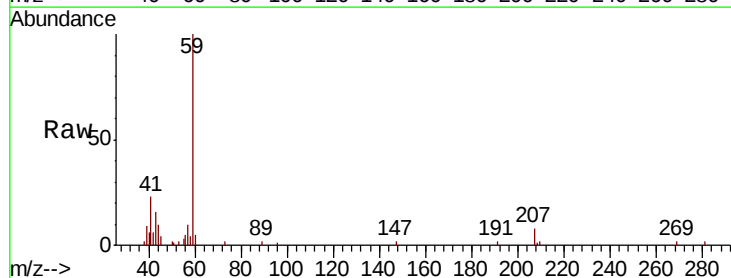
Acq: 15 May 2020 18:28

Tgt Ion: 59 Resp: 10864

Ion Ratio Lower Upper

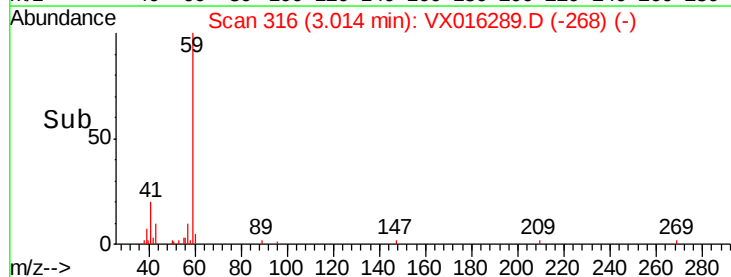
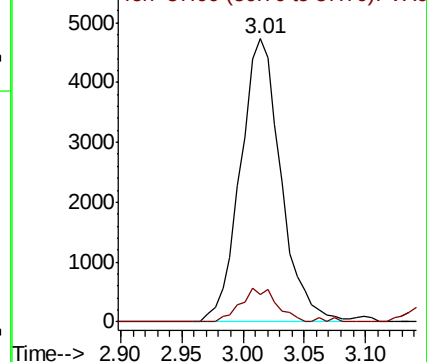
59 100

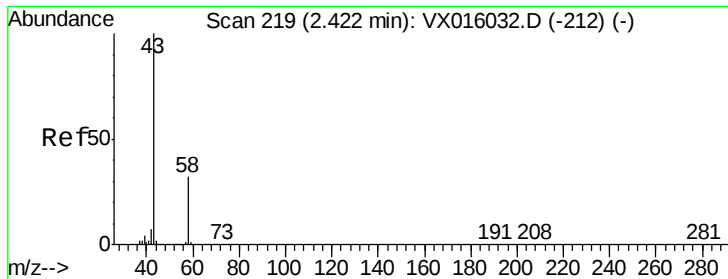
57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

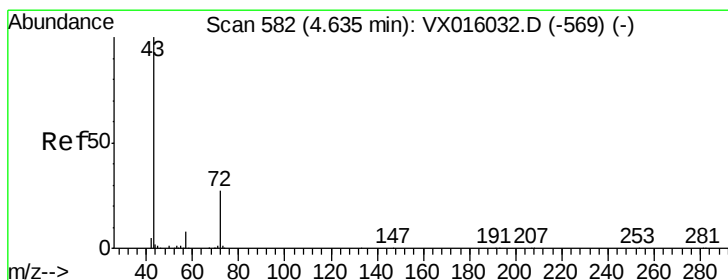
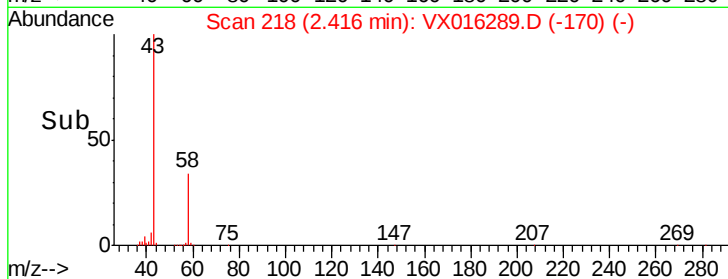
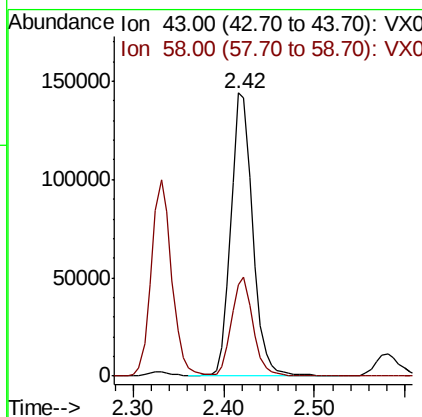
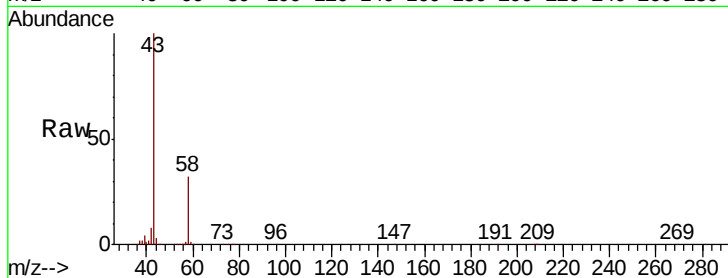




#16
Acetone
Concen: 179.401 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016289.D
Acq: 15 May 2020 18:28

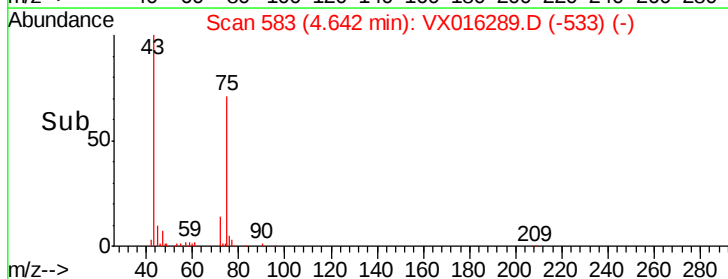
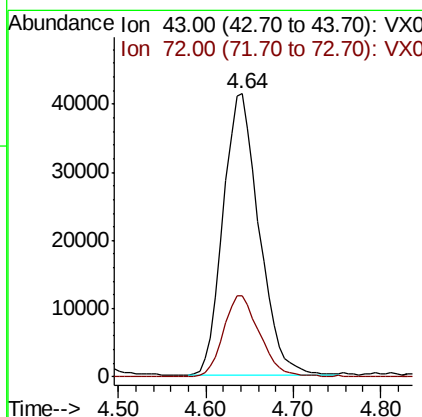
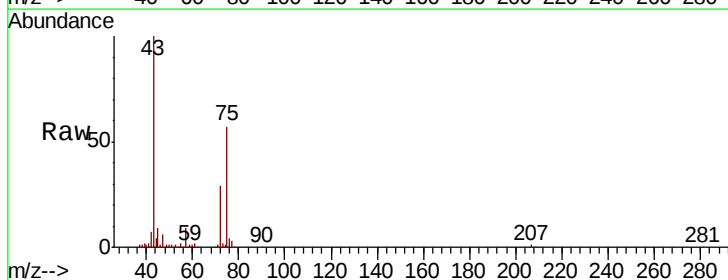
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

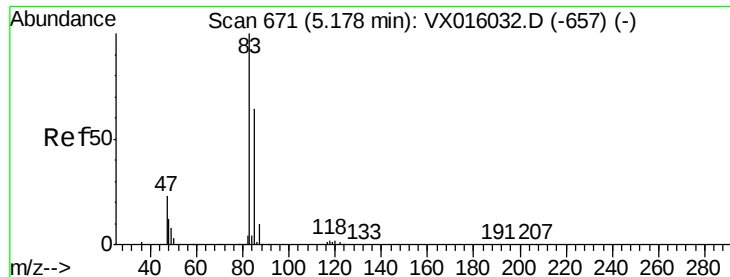
Tot Ion: 43 Resp: 238527
Ion Ratio Lower Upper
43 100
58 32.4 25.4 38.0



#25
2-Butanone
Concen: 55.170 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016289.D
Acq: 15 May 2020 18:28

Tgt Ion: 43 Resp: 118201
Ion Ratio Lower Upper
43 100
72 28.4 21.8 32.8

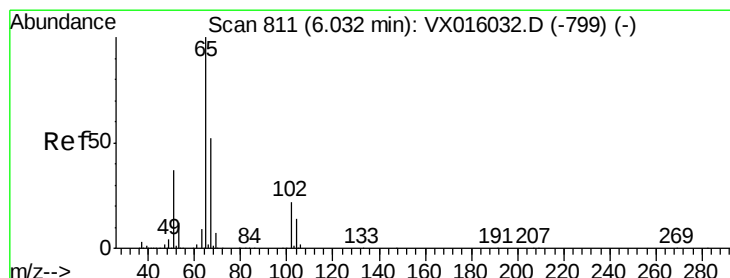
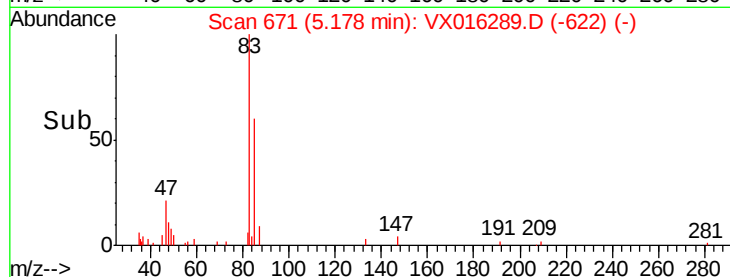
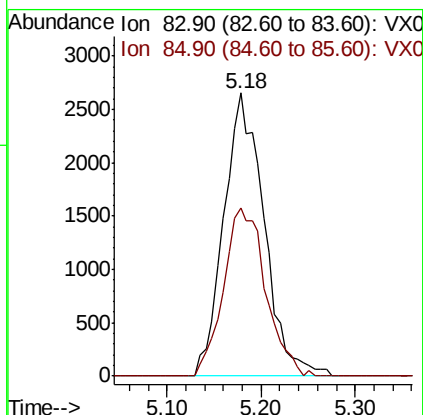
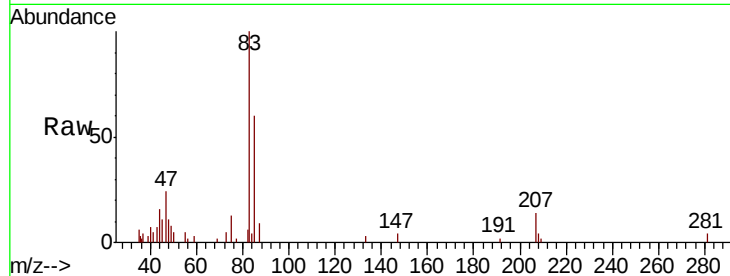




#30
Chloroform
Concen: 1.737 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016289.D
Acq: 15 May 2020 18:28

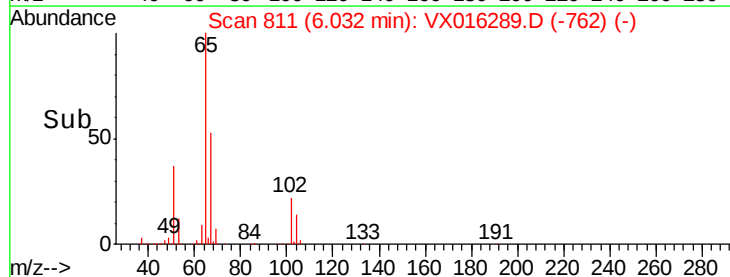
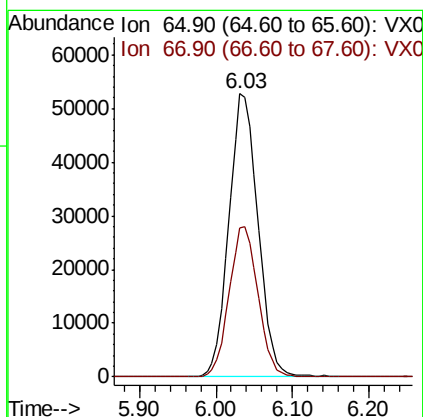
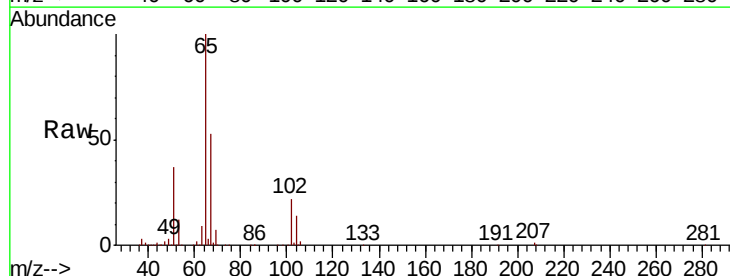
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

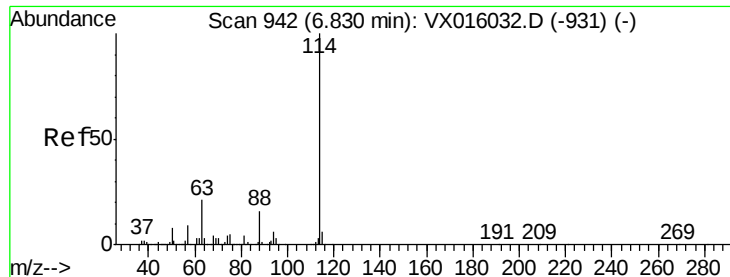
Tot Ion: 83 Resp: 7879
Ion Ratio Lower Upper
83 100
85 59.6 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 46.644 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016289.D
Acq: 15 May 2020 18:28

Tgt Ion: 65 Resp: 138992
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016289.D

Acq: 15 May 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMP

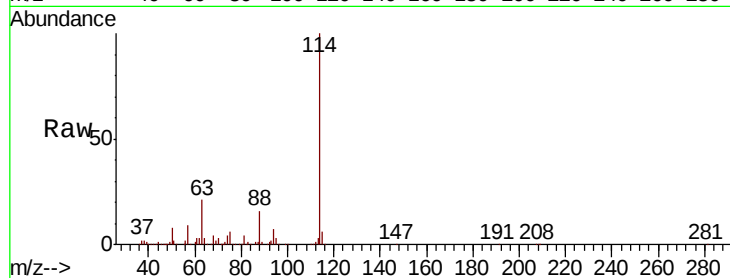
Tot Ion:114 Resp: 375374

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

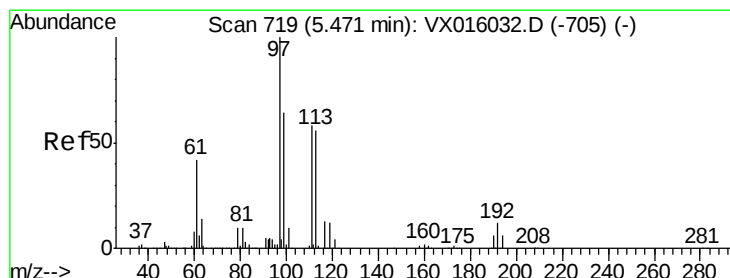
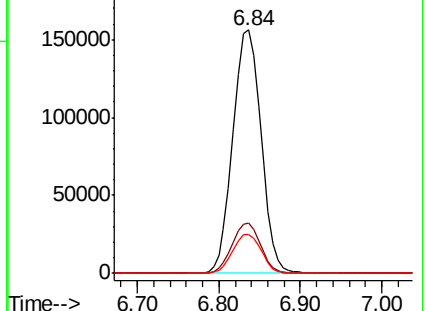
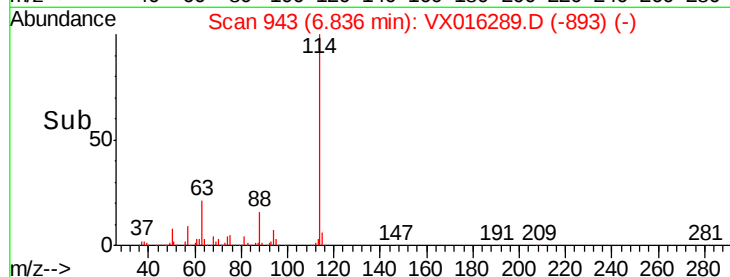
88 16.2 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 47.094 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016289.D

Acq: 15 May 2020 18:28

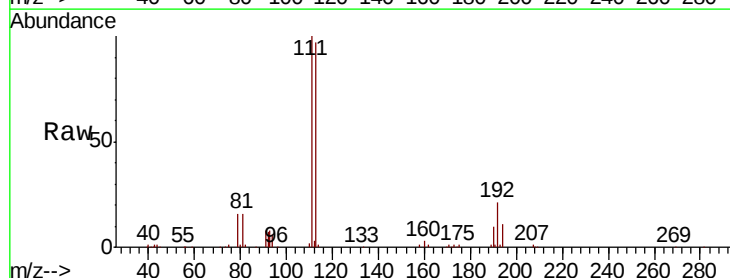
Tgt Ion:113 Resp: 111996

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

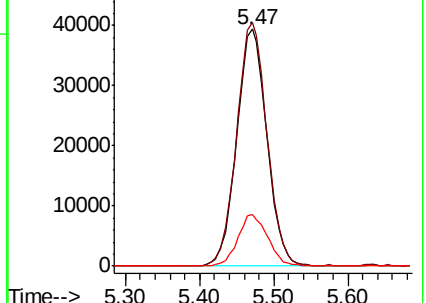
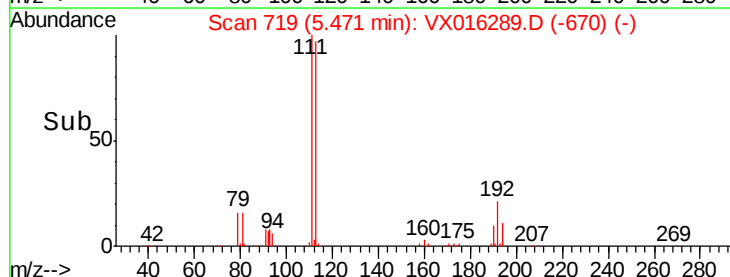
192 21.5 17.0 25.4

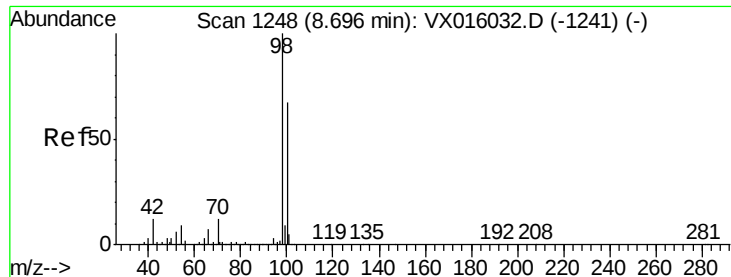


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.783 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016289.D

Acq: 15 May 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

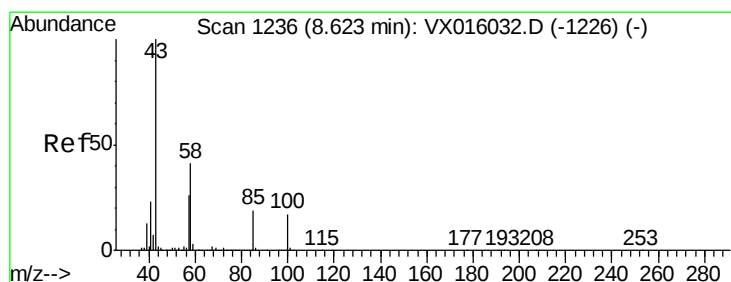
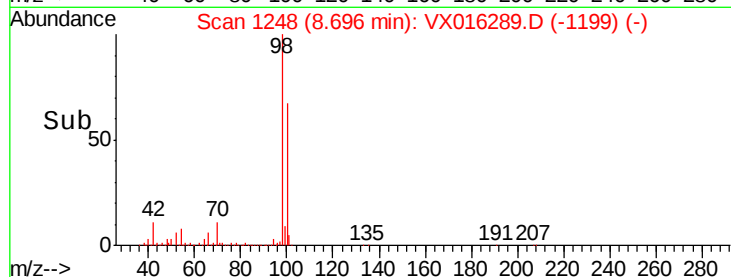
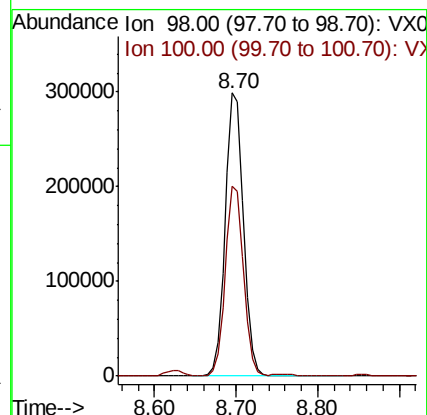
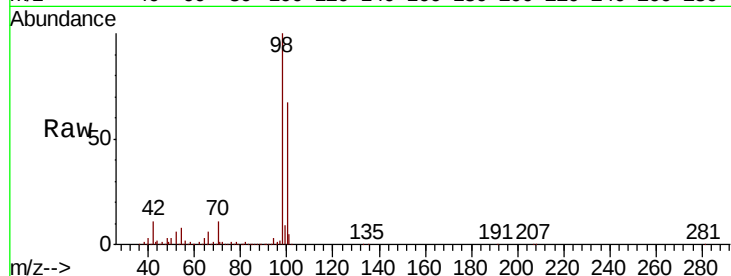
DRUM-COMP

Tot Ion: 98 Resp: 465331

Ion Ratio Lower Upper

98 100

100 66.6 53.7 80.5



#51

4-Methyl-2-Pentanone

Concen: 13.248 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016289.D

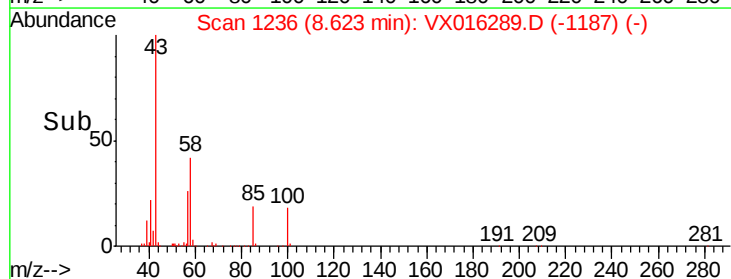
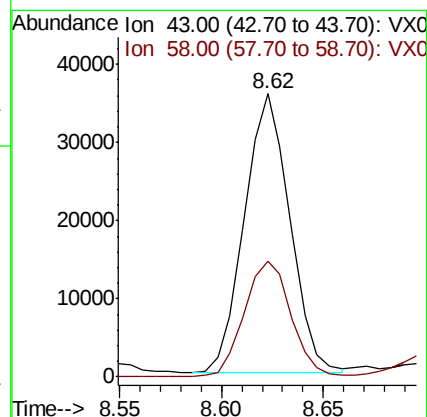
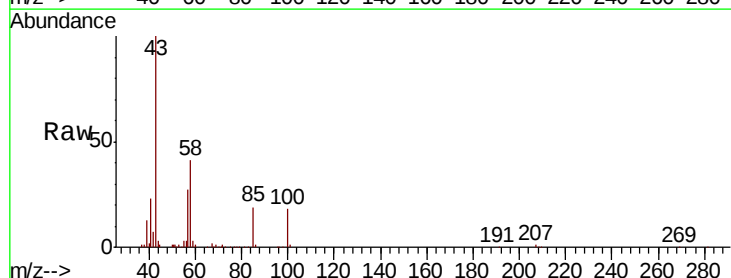
Acq: 15 May 2020 18:28

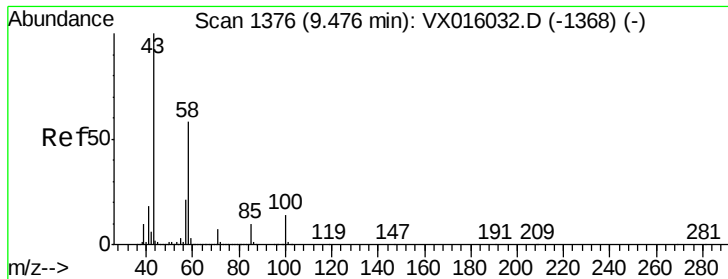
Tgt Ion: 43 Resp: 55397

Ion Ratio Lower Upper

43 100

58 42.4 33.0 49.4

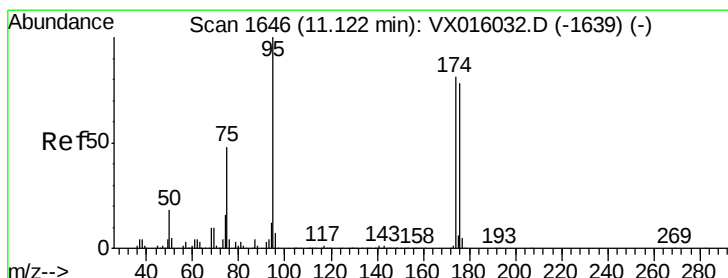
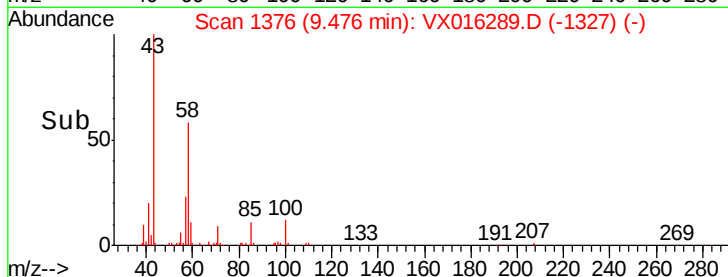
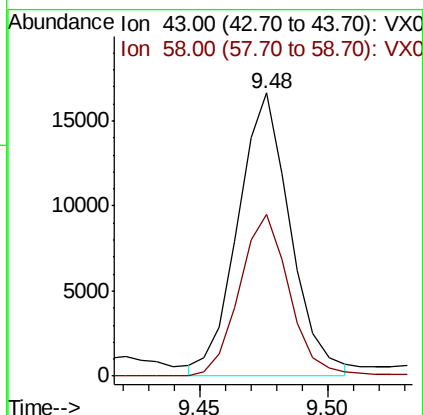
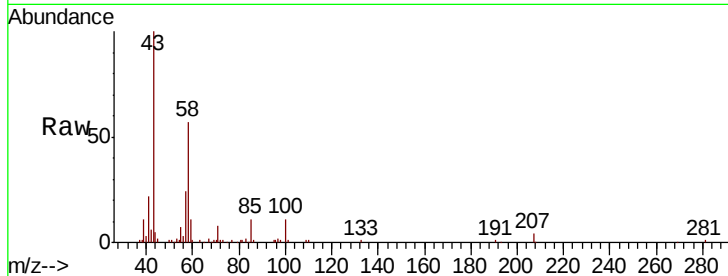




#59
2-Hexanone
Concen: 7.242 ug/l m
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016289.D
Acq: 15 May 2020 18:28

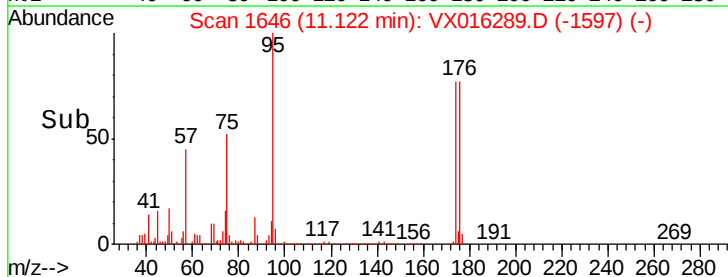
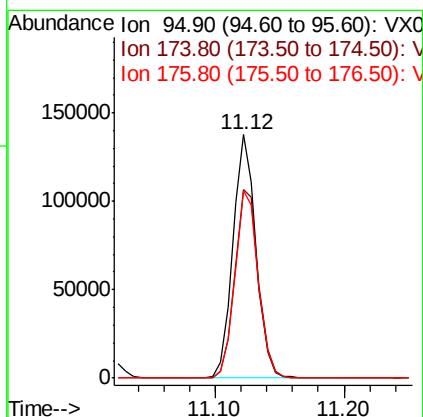
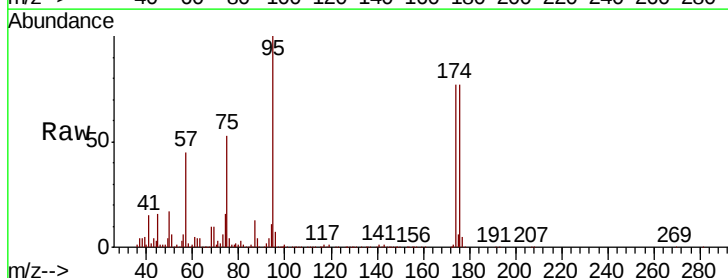
Instrument :
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DRUM-COMP

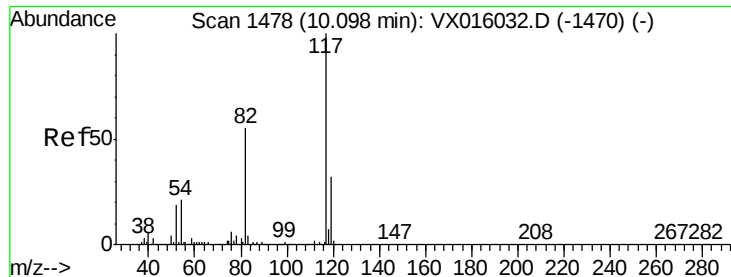
Tot Ion: 43 Resp: 23780
Ion Ratio Lower Upper
43 100
58 0.0 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016289.D
Acq: 15 May 2020 18:28

Tgt Ion: 95 Resp: 170639
Ion Ratio Lower Upper
95 100
174 80.1 0.0 159.4
176 78.0 0.0 157.6

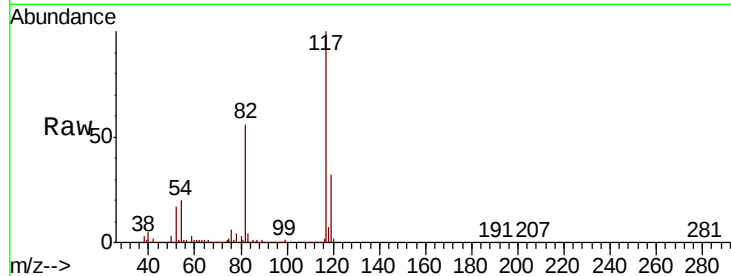




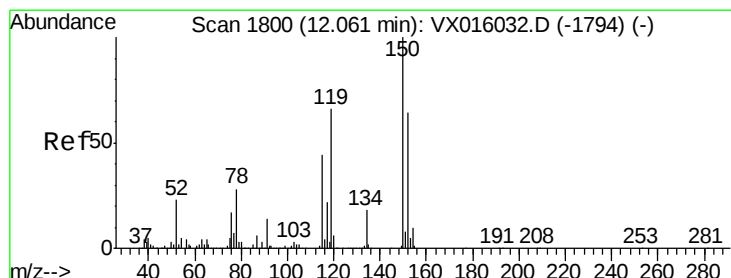
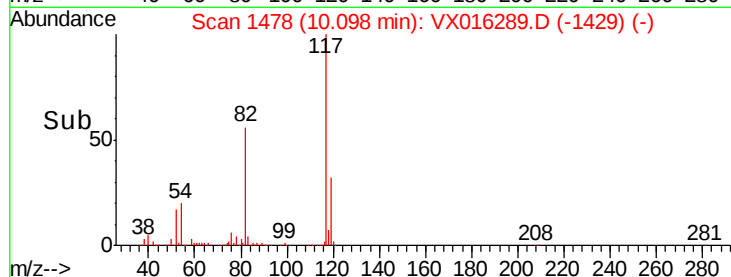
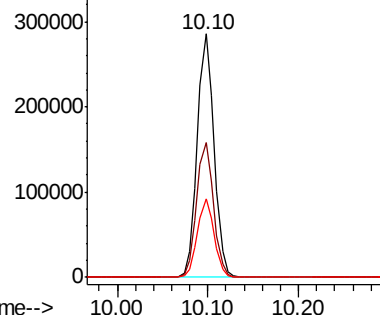
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016289.D
Acq: 15 May 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tot Ion:117 Resp: 370986
Ion Ratio Lower Upper
117 100
82 55.6 44.4 66.6
119 32.2 25.5 38.3

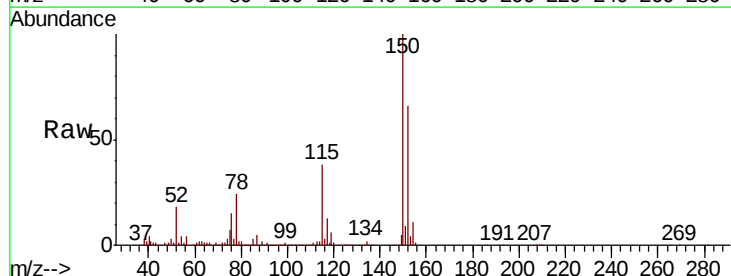


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

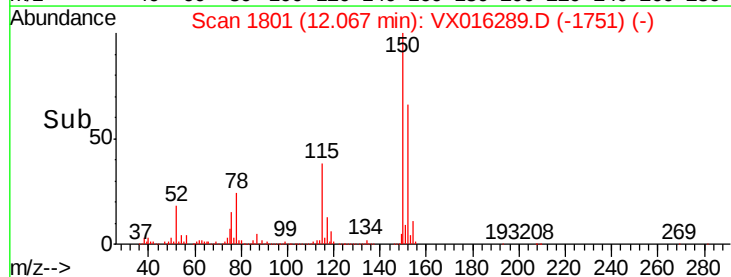
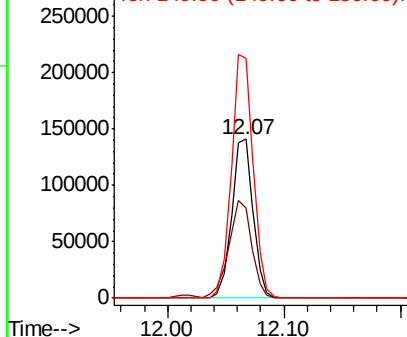


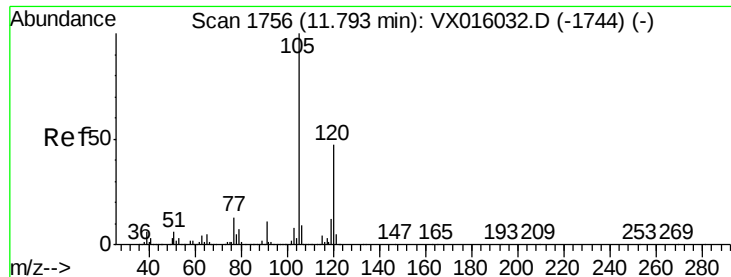
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016289.D
Acq: 15 May 2020 18:28

Tgt Ion:152 Resp: 179255
Ion Ratio Lower Upper
152 100
115 66.1 41.3 124.1
150 156.2 0.0 352.2



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: 2.171 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016289.D

Acq: 15 May 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

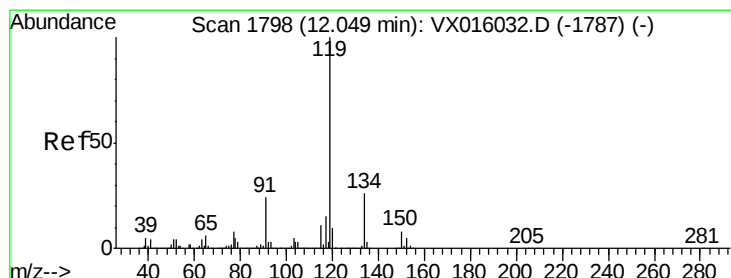
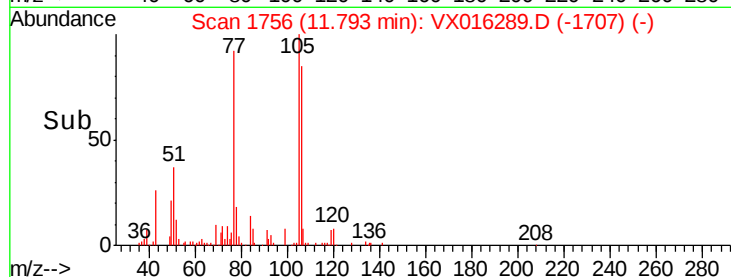
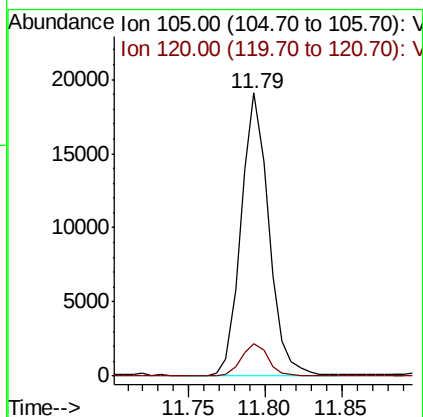
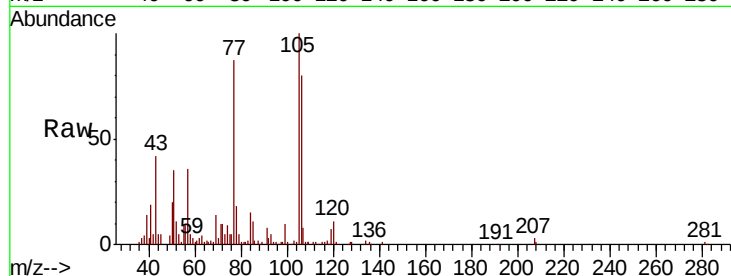
DRUM-COMP

Tot Ion:105 Resp: 24165

Ion Ratio Lower Upper

105 100

120 11.1 23.0 69.0#



#86

p-Isopropyltoluene

Concen: 15.913 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016289.D

Acq: 15 May 2020 18:28

Tgt Ion:119 Resp: 189245

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.2 11.8 35.4

