

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016887.D
 Acq On : 19 Jun 2020 18:08
 Operator : JC/SP
 Sample : L3020-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01_061520

Quant Time: Jun 22 01:41:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

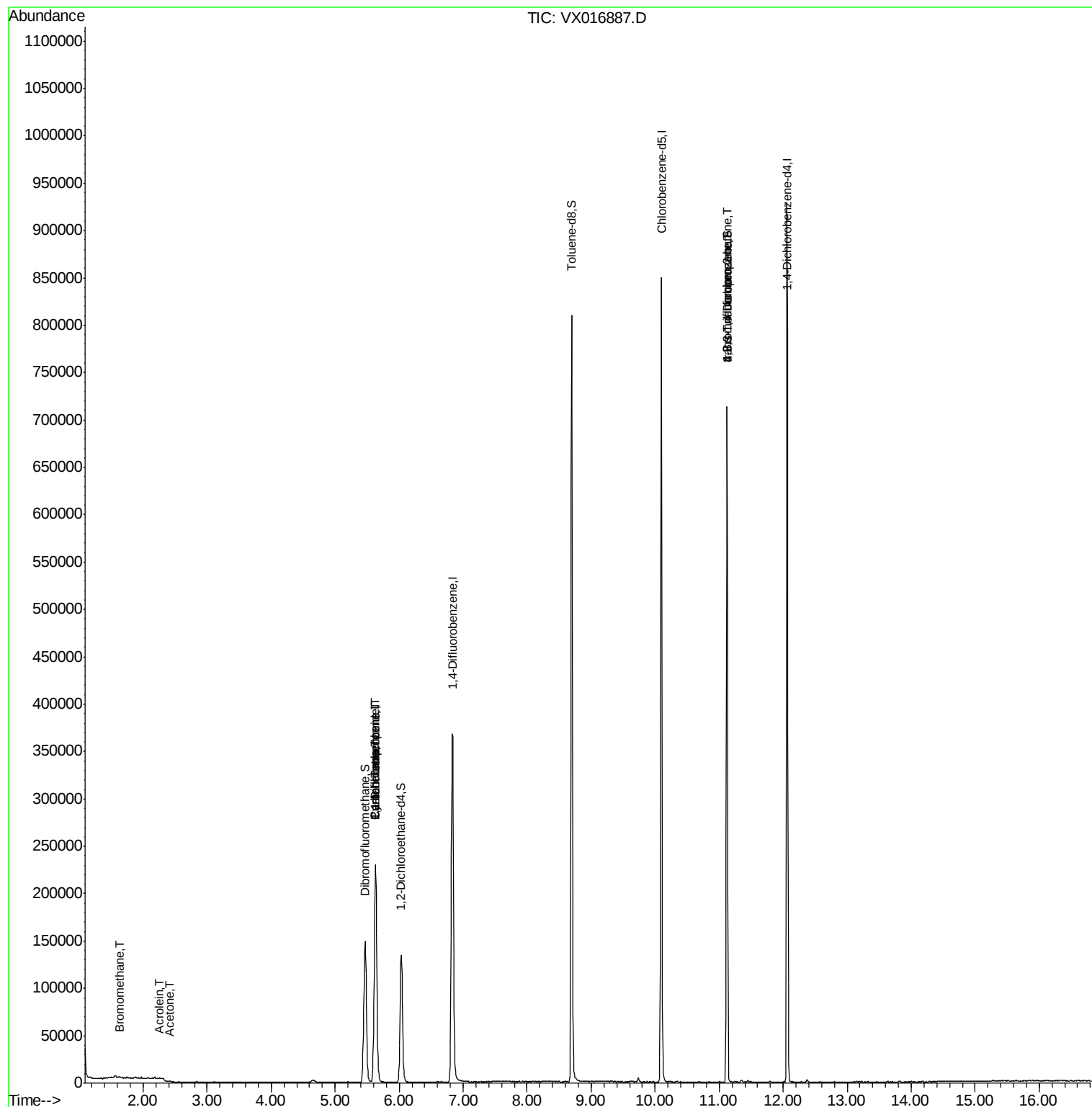
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	228929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	392769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133587	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.46	113	132283	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
50) Toluene-d8	8.70	98	486626	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.12	95	182860	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	439	0.227	ug/l #	37
13) Acrolein	2.26	56	274	0.971	ug/l #	15
16) Acetone	2.42	43	325	0.325	ug/l #	41
31) Cyclohexane	5.62	56	3840	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15728	4.337	ug/l #	50
38) Carbon Tetrachloride	5.63	117	21768	5.349	ug/l #	15
76) 1,2,3-Trichloropropane	11.12	75	87413	24.367	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	87413	59.670	ug/l #	14

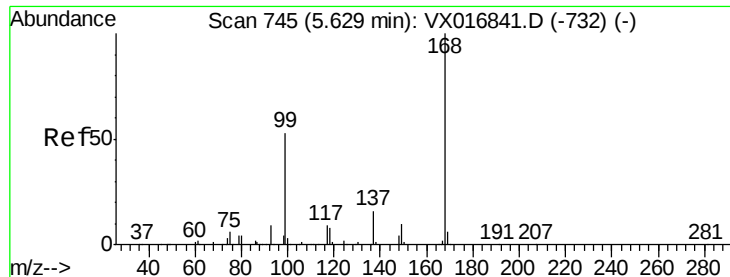
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 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: VX016887.D

Acq: 19 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

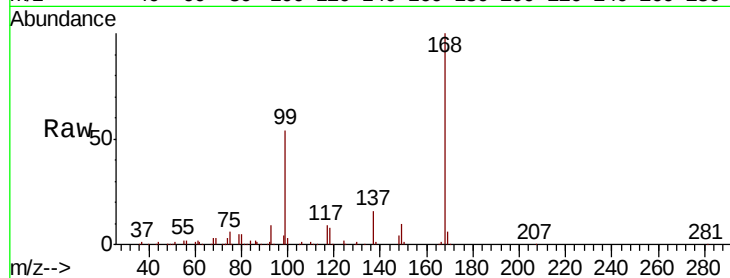
TB-01_061520

Tot Ion:168 Resp: 228929

Ion Ratio Lower Upper

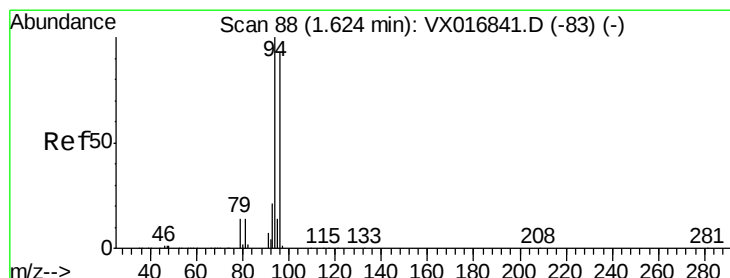
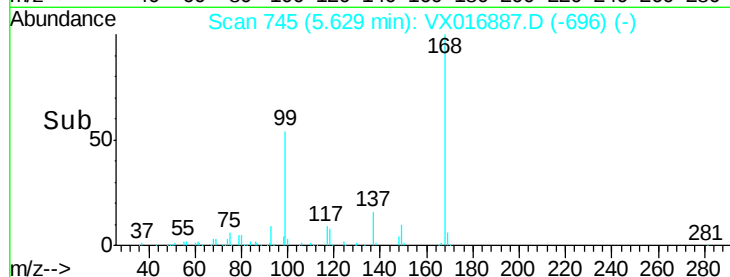
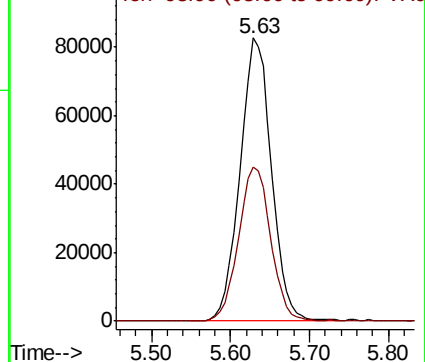
168 100

99 54.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.227 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016887.D

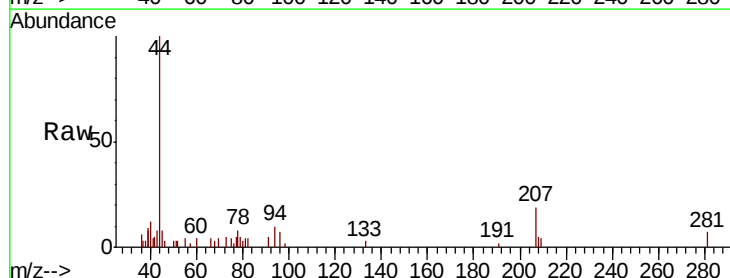
Acq: 19 Jun 2020 18:08

Tgt Ion: 94 Resp: 439

Ion Ratio Lower Upper

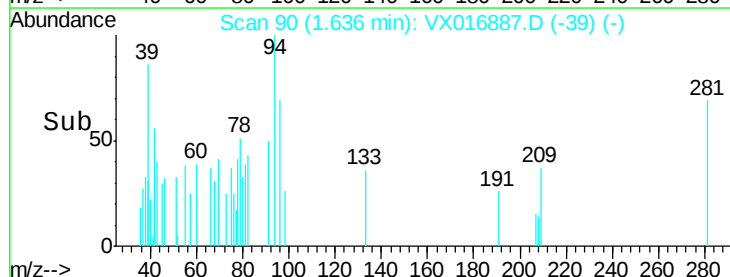
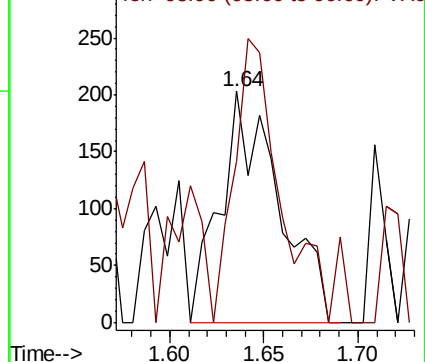
94 100

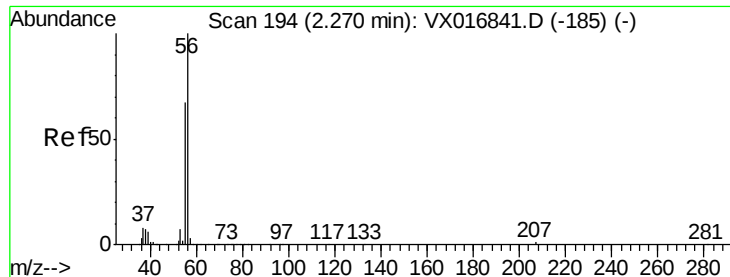
96 32.5 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#13

Acrolein

Concen: 0.971 ug/l

RT: 2.26 min Scan# 192

Delta R.T. -0.01 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

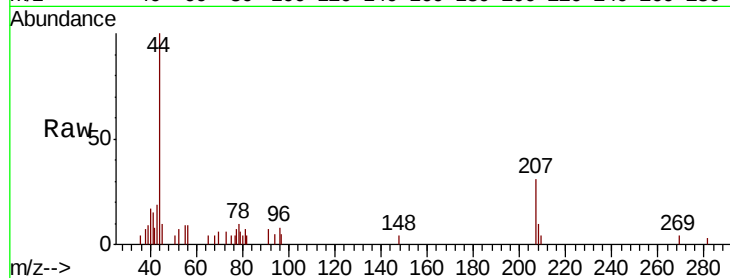
TB-01_061520

Tot Ion: 56 Resp: 274

Ion Ratio Lower Upper

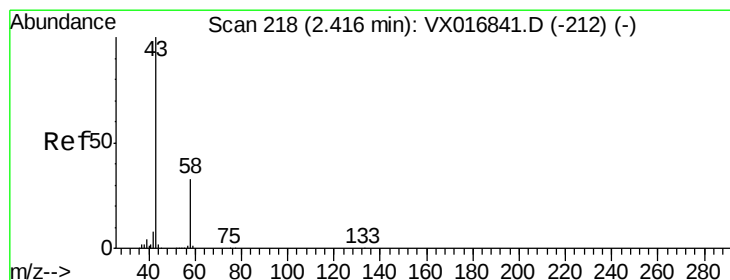
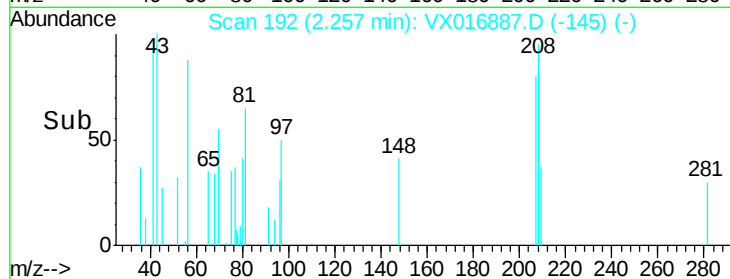
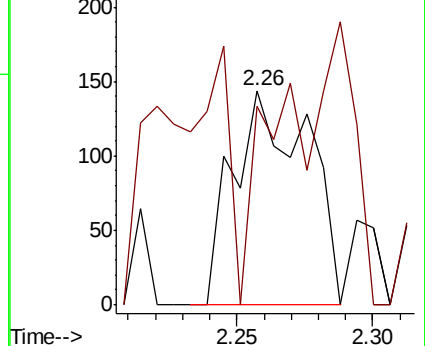
56 100

55 0.0 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.325 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016887.D

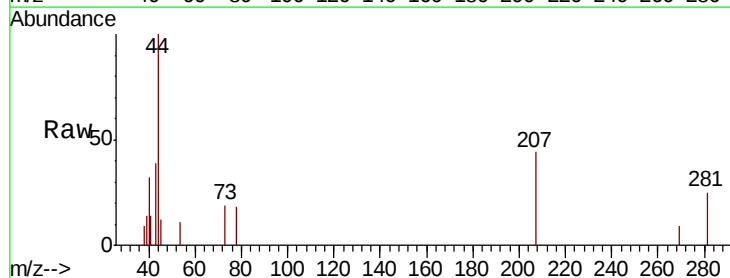
Acq: 19 Jun 2020 18:08

Tgt Ion: 43 Resp: 325

Ion Ratio Lower Upper

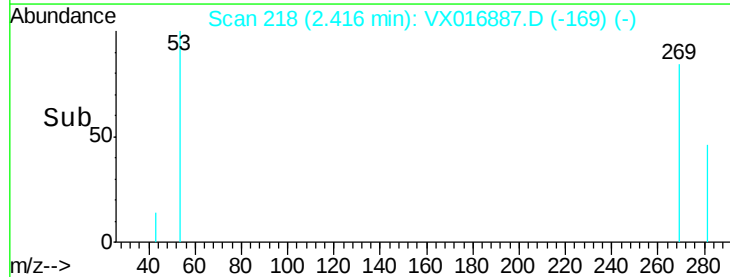
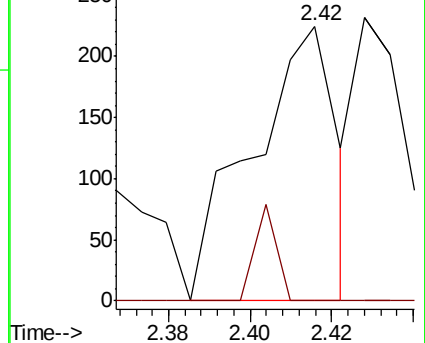
43 100

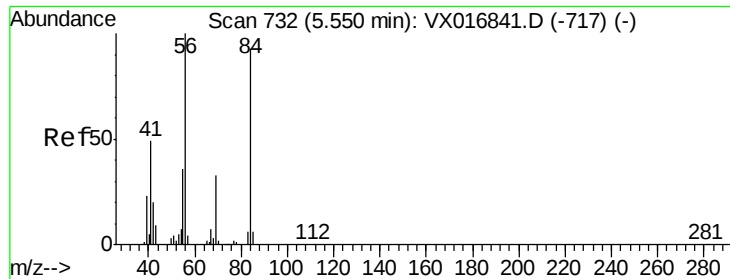
58 0.0 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

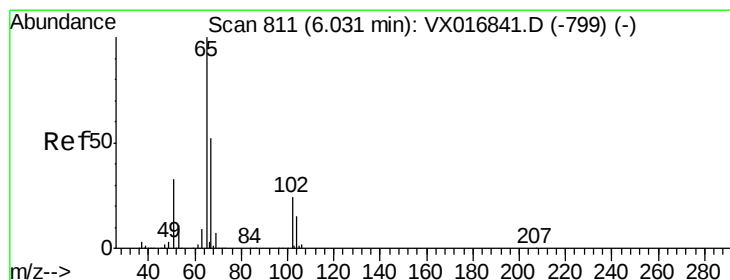
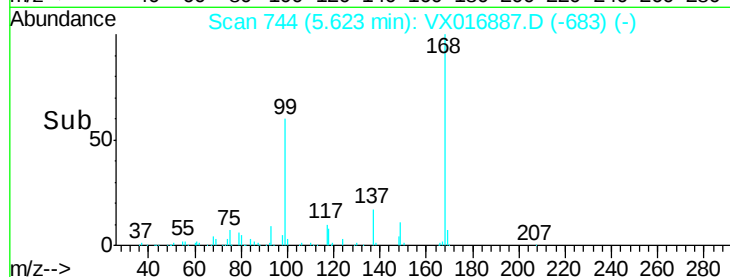
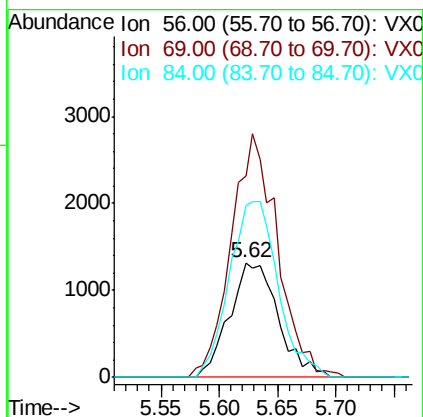
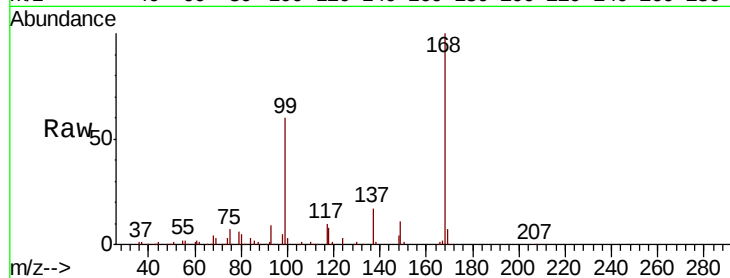




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016887.D
Acq: 19 Jun 2020 18:08

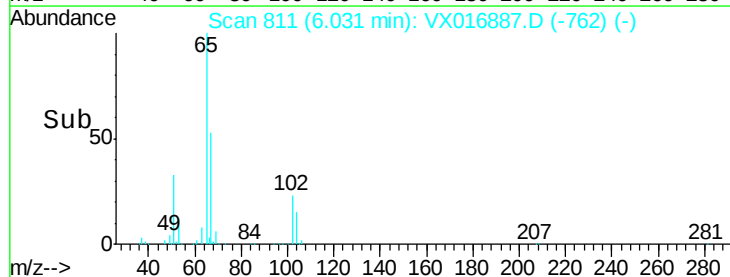
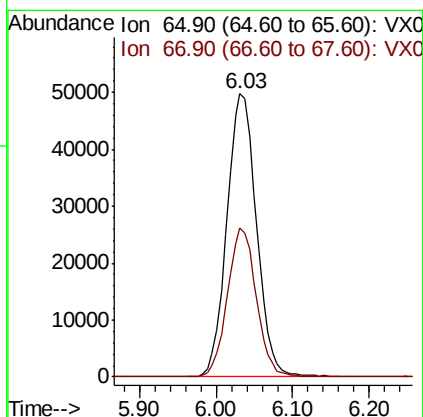
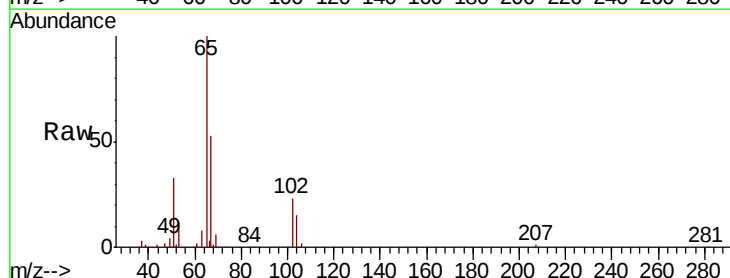
Instrument :
MSVOA_X
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TB-01_061520

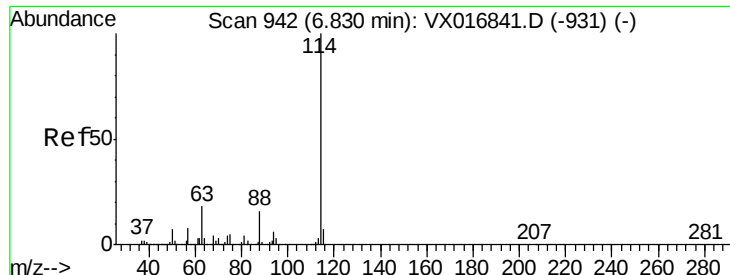
Tot Ion: 56 Resp: 3840
Ion Ratio Lower Upper
56 100
69 175.1 26.1 39.1#
84 149.9 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 48.519 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016887.D
Acq: 19 Jun 2020 18:08

Tgt Ion: 65 Resp: 133587
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.6

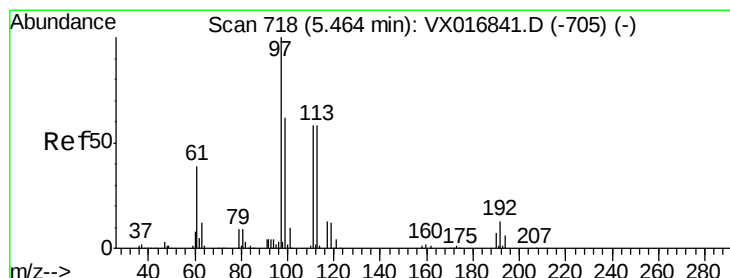
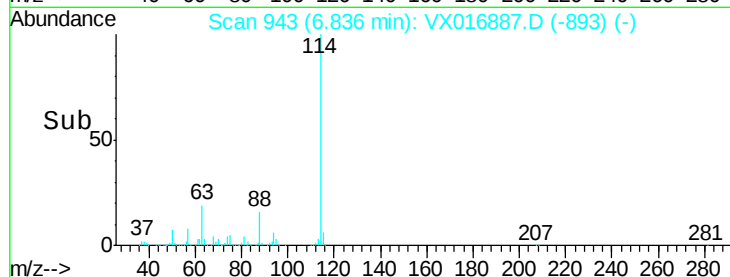
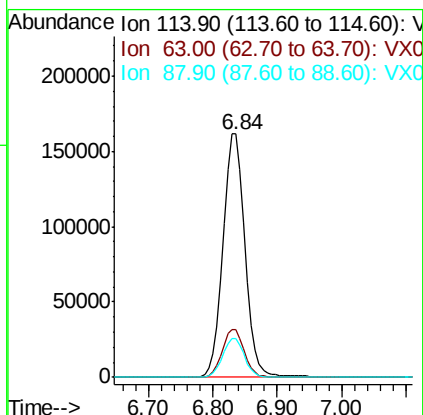
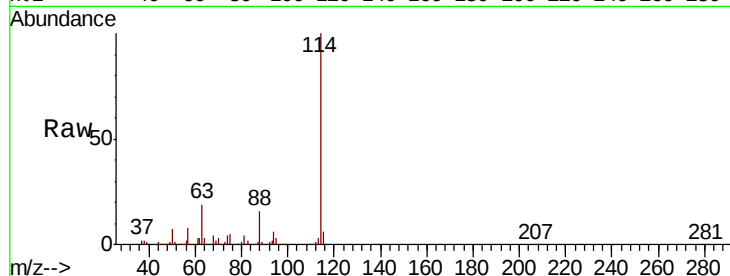




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016887.D
 Acq: 19 Jun 2020 18:08

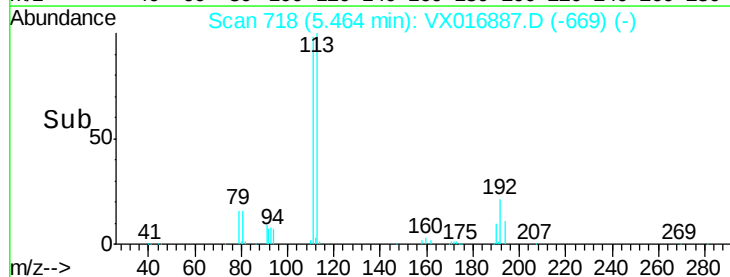
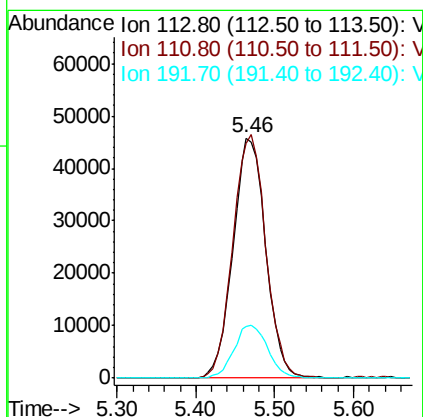
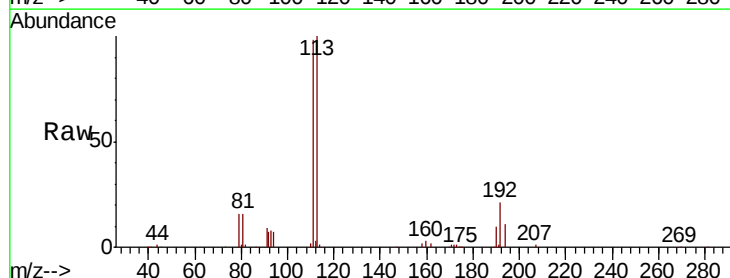
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01_061520

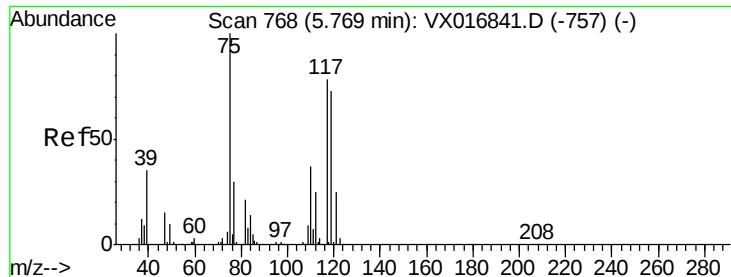
Tot Ion:114 Resp: 392769
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.0
 88 16.1 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 52.649 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016887.D
 Acq: 19 Jun 2020 18:08

Tgt Ion:113 Resp: 132283
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.0 121.4
 192 22.6 18.5 27.7





#36

1,1-Dichloropropene

Concen: 4.337 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

TB-01_061520

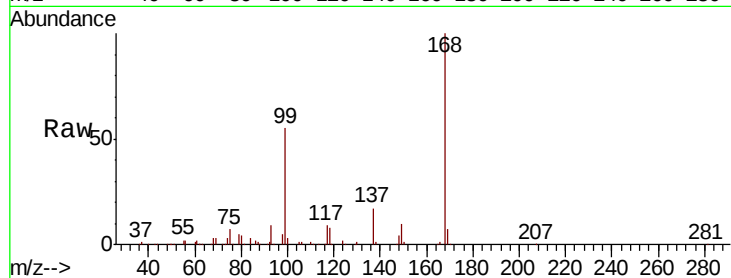
Tot Ion: 75 Resp: 15728

Ion Ratio Lower Upper

75 100

110 11.4 18.9 56.9#

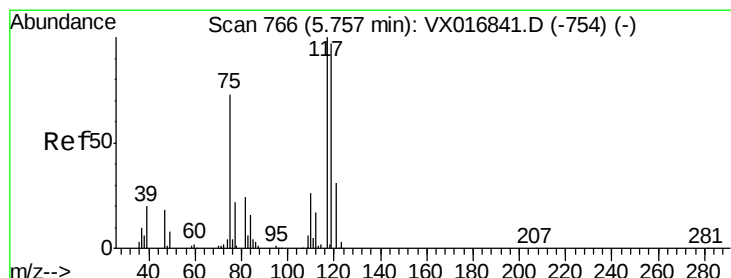
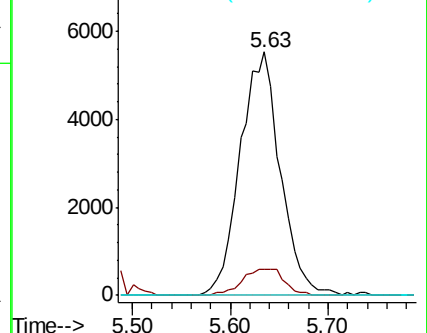
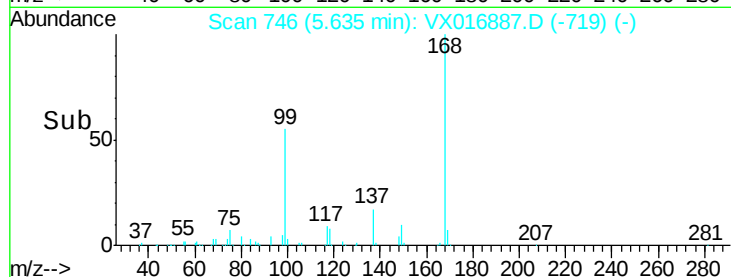
77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VX016887.D (-719) (-)

Ion 109.90 (109.60 to 110.60): VX016887.D (-719) (-)

Ion 76.90 (76.60 to 77.60): VX016887.D (-719) (-)



#38

Carbon Tetrachloride

Concen: 5.349 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

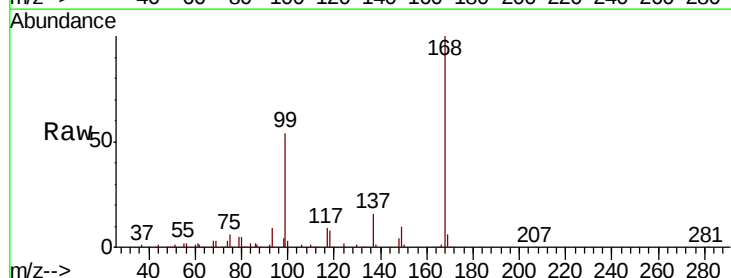
Tgt Ion: 117 Resp: 21768

Ion Ratio Lower Upper

117 100

119 4.5 77.4 116.2#

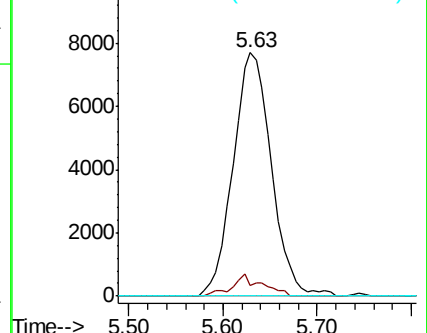
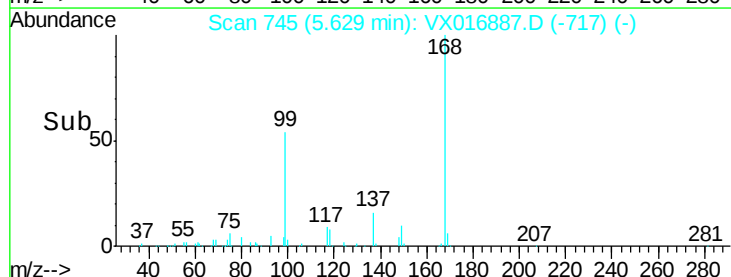
121 0.0 24.7 37.1#

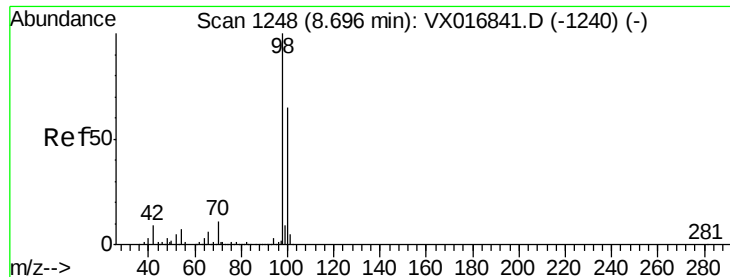


Abundance Ion 116.80 (116.50 to 117.50): VX016887.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016887.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016887.D (-717) (-)





#50

Toluene-d8

Concen: 48.409 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

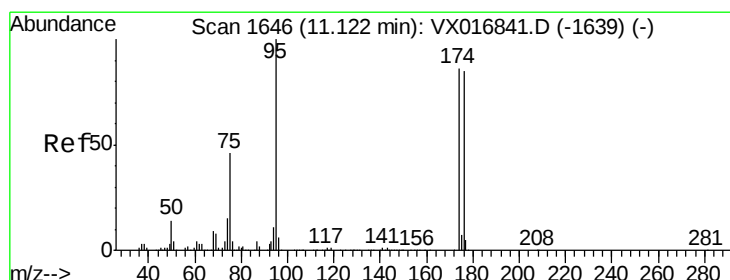
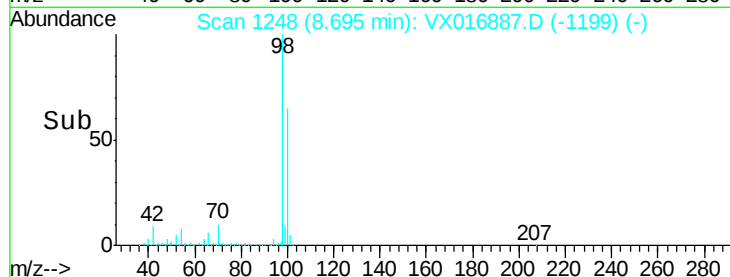
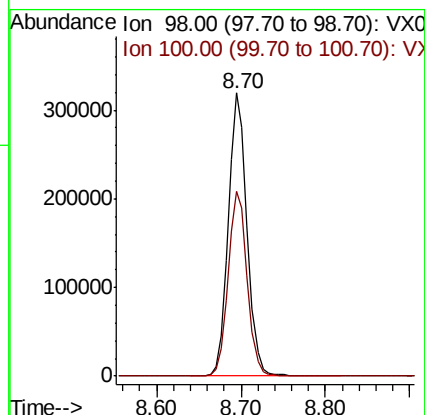
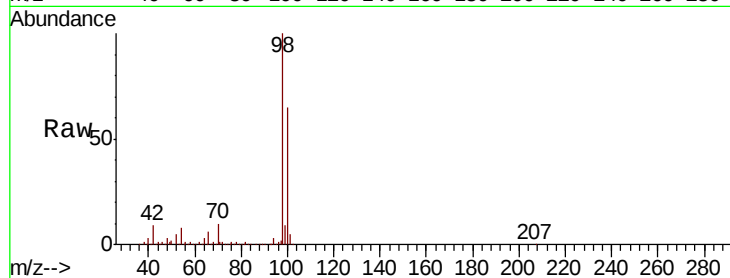
TB-01_061520

Tot Ion: 98 Resp: 486626

Ion Ratio Lower Upper

98 100

100 66.4 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 47.478 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

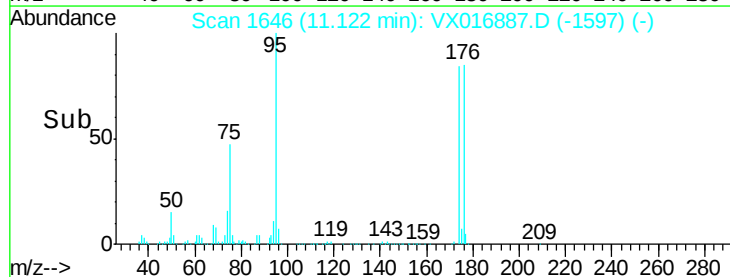
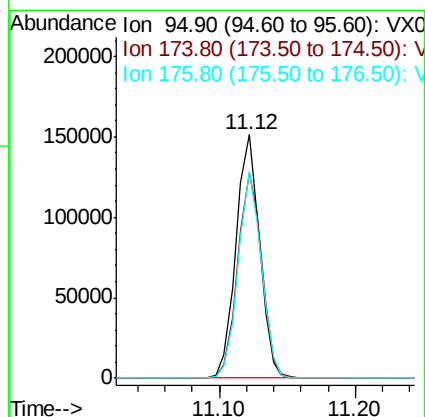
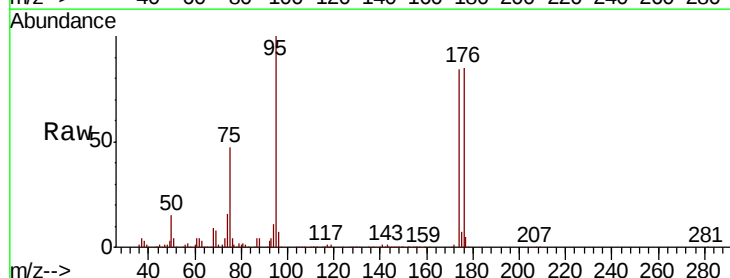
Tgt Ion: 95 Resp: 182860

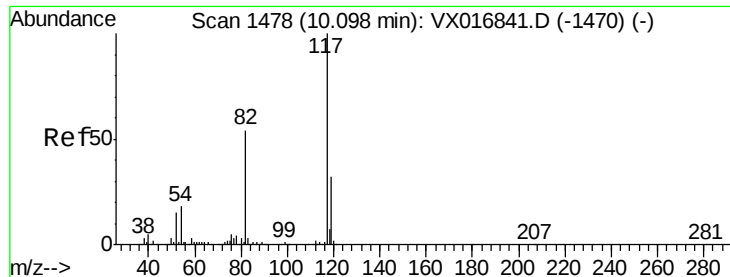
Ion Ratio Lower Upper

95 100

174 86.0 0.0 174.2

176 83.8 0.0 170.0

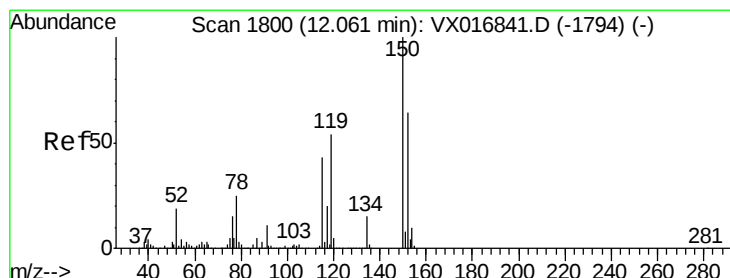
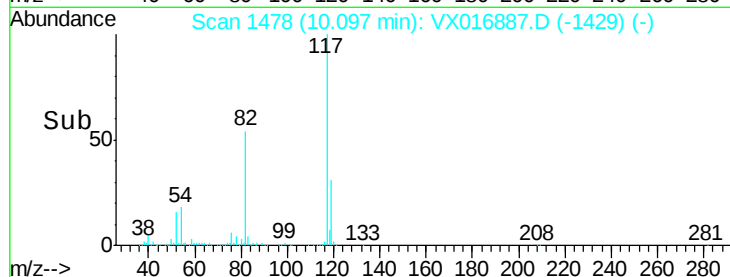
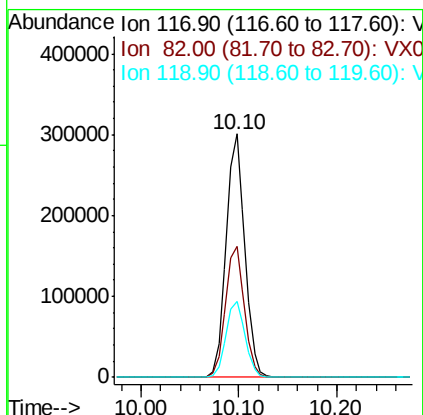
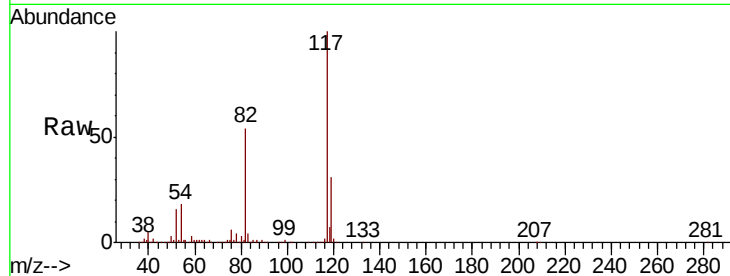




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016887.D
Acq: 19 Jun 2020 18:08

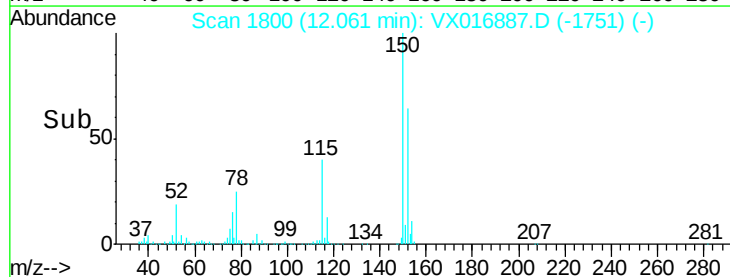
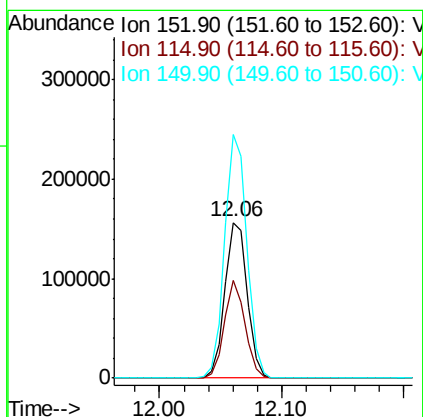
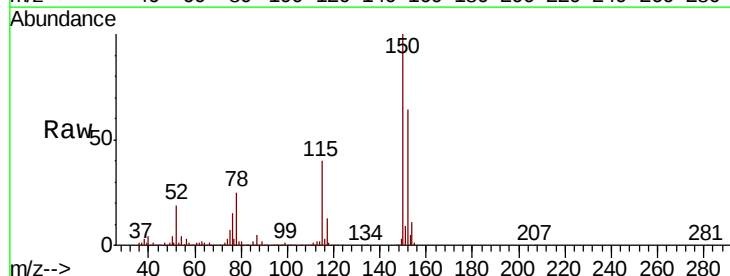
Instrument :
MSVOA_X
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TB-01_061520

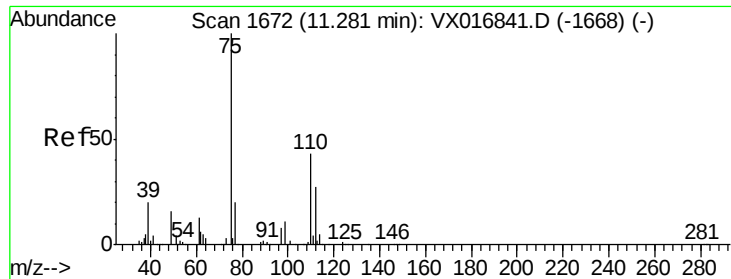
Tot Ion:117 Resp: 398554
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016887.D
Acq: 19 Jun 2020 18:08

Tgt Ion:152 Resp: 196427
Ion Ratio Lower Upper
152 100
115 58.6 40.9 122.8
150 155.9 0.0 344.2





#76

1,2,3-Trichloropropane

Concen: 24.367 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

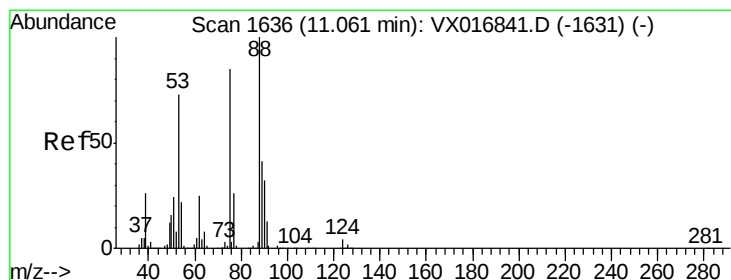
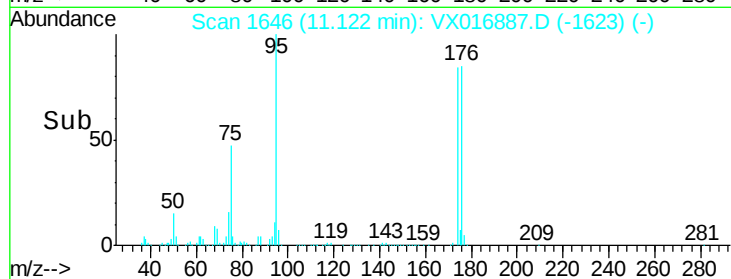
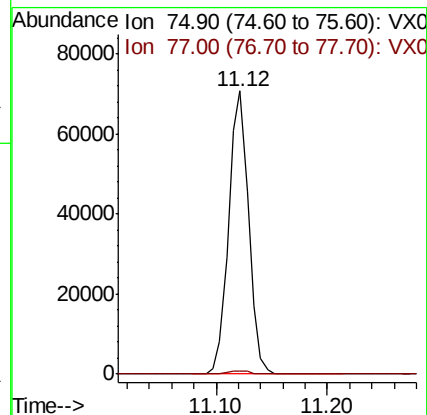
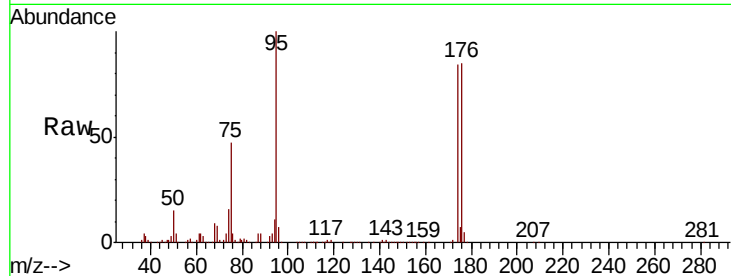
TB-01_061520

Tot Ion: 75 Resp: 87413

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.670 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

Tgt Ion: 75 Resp: 87413

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.8#

89 0.0 38.3 57.5#

