

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010882.D
 Acq On : 15 Jul 2019 14:17
 Operator : JC/SP
 Sample : K3817-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190709

Quant Time: Jul 16 01:58:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124822	56.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.12%	
35) Dibromofluoromethane	5.50	113	116152	50.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.74%	
50) Toluene-d8	8.71	98	446046	51.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.13	95	158035	50.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.22%	

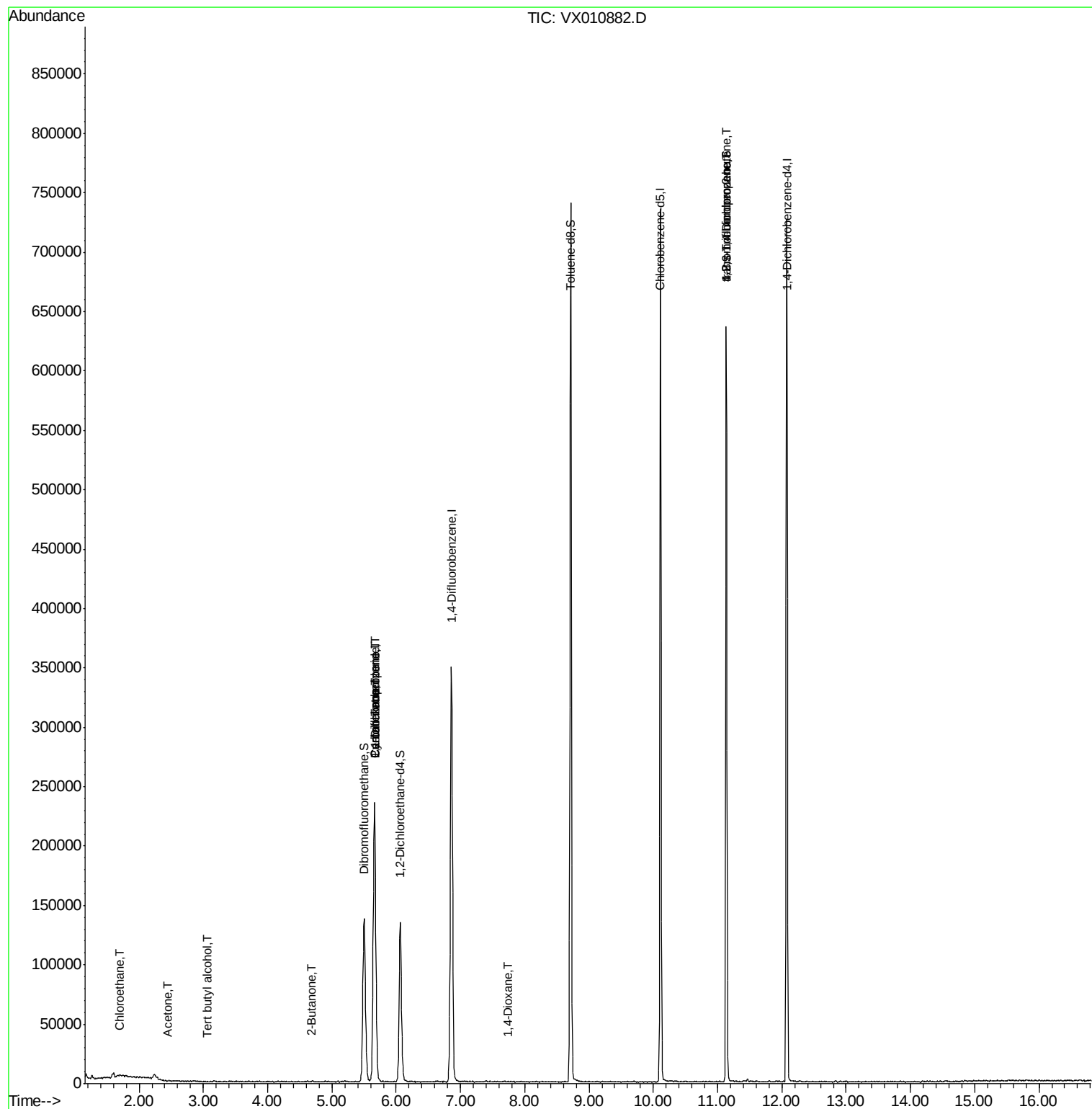
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.70	64	4088	3.290	ug/l #	67
11) Tert butyl alcohol	3.06	59	123	0.211	ug/l #	31
16) Acetone	2.44	43	631	0.565	ug/l	92
25) 2-Butanone	4.68	43	385	0.235	ug/l #	46
31) Cyclohexane	5.67	56	4598	1.430	ug/l #	4
36) 1,1-Dichloropropene	5.67	75	15743	5.309	ug/l #	47
38) Carbon Tetrachloride	5.67	117	22006	6.853	ug/l #	14
49) 1,4-Dioxane	7.73	88	25	0.370	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	77347	26.296	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	77347	61.345	ug/l #	16

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

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Quant Time: Jul 16 01:58:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010882.D

Acq: 15 Jul 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

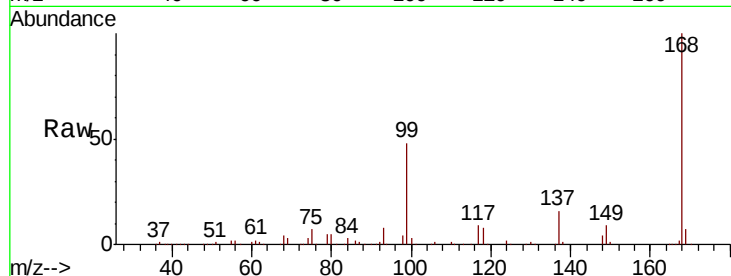
TB01-20190709

Tot Ion:168 Resp: 237496

Ion Ratio Lower Upper

168 100

99 48.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

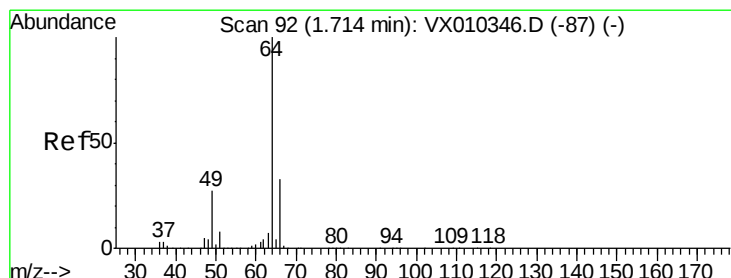
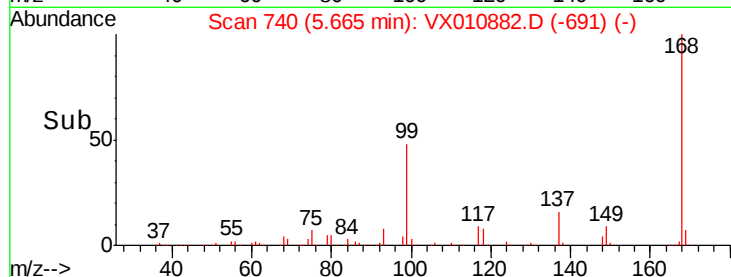
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 3.290 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX010882.D

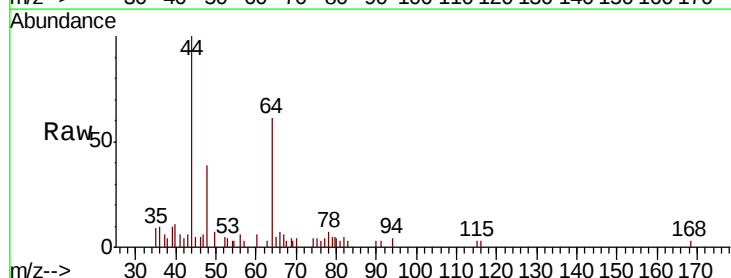
Acq: 15 Jul 2019 14:17

Tgt Ion: 64 Resp: 4088

Ion Ratio Lower Upper

64 100

66 14.6 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

1200

1000

800

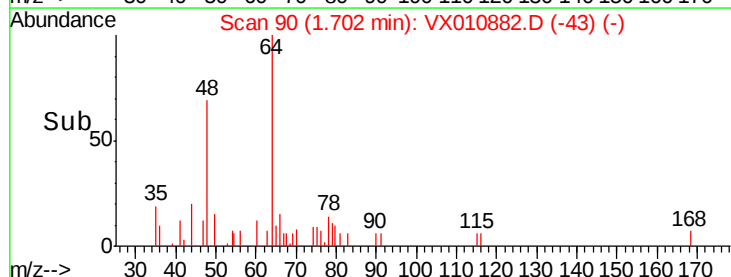
600

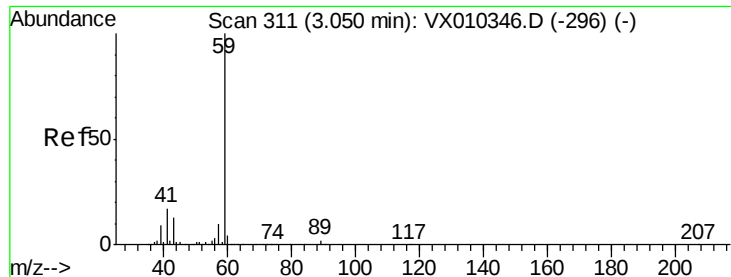
400

200

0

Time--> 1.60 1.65 1.70 1.75



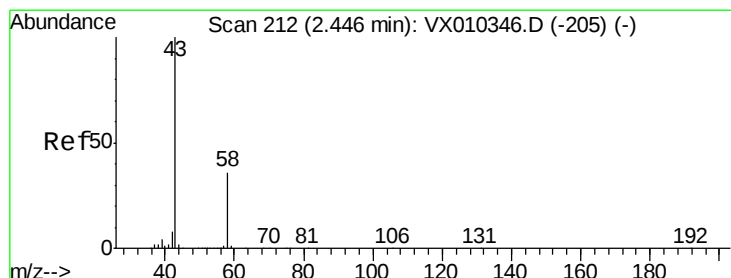
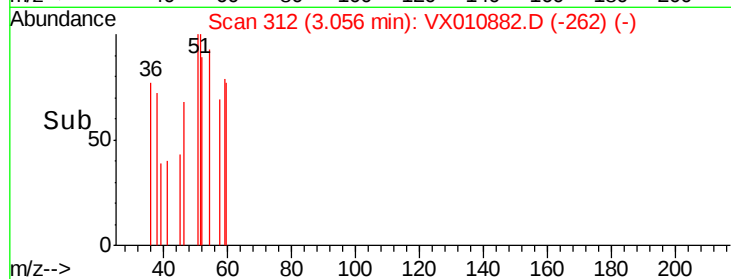
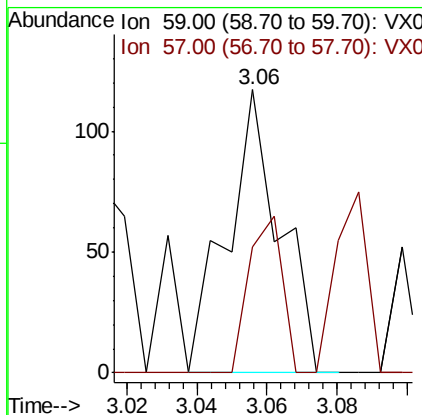
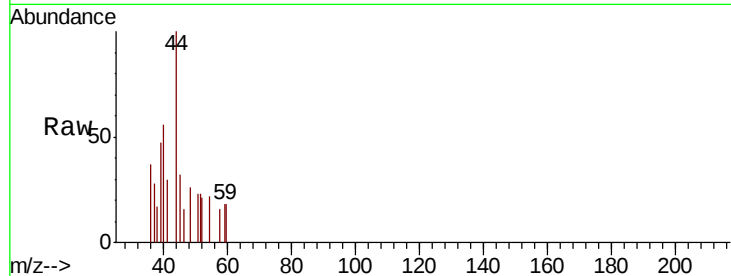


#11

Tert butyl alcohol
Concen: 0.211 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010882.D
Acq: 15 Jul 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
TB01-20190709

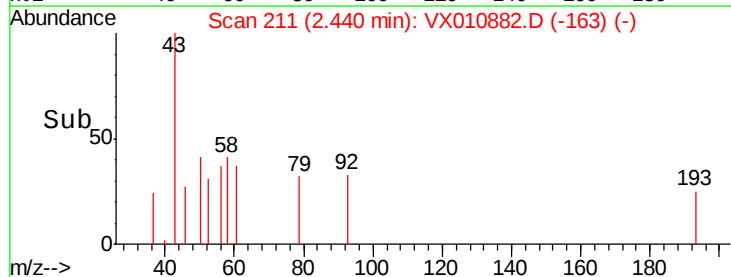
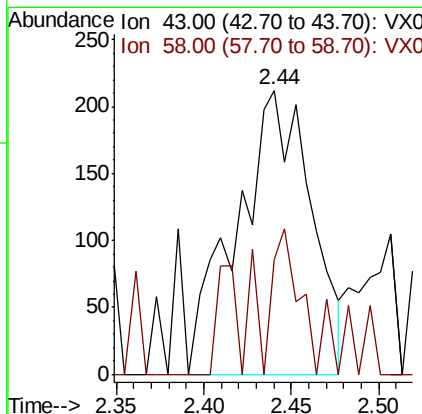
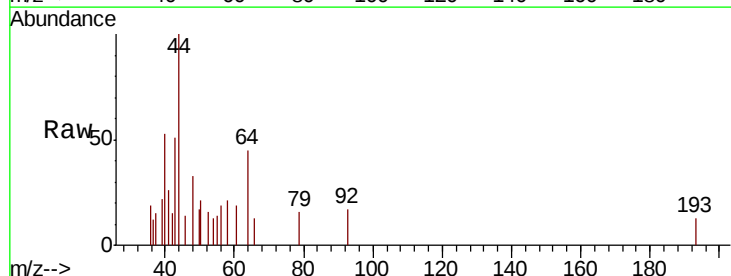
Tot Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 35.0 7.7 11.5#

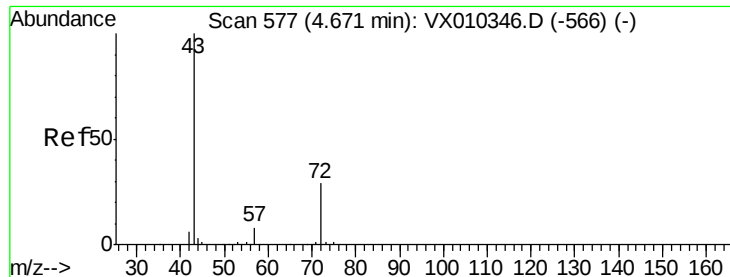


#16

Acetone
Concen: 0.565 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010882.D
Acq: 15 Jul 2019 14:17

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 40.6 28.9 43.3





#25

2-Butanone

Concen: 0.235 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010882.D

Acq: 15 Jul 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

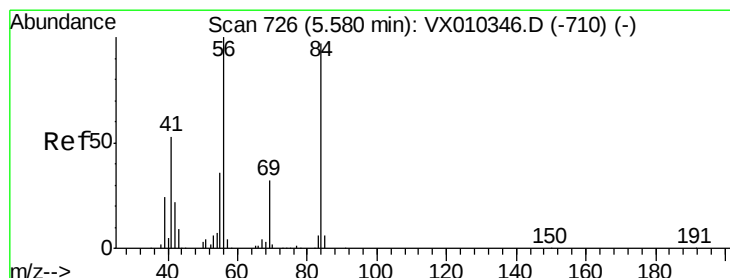
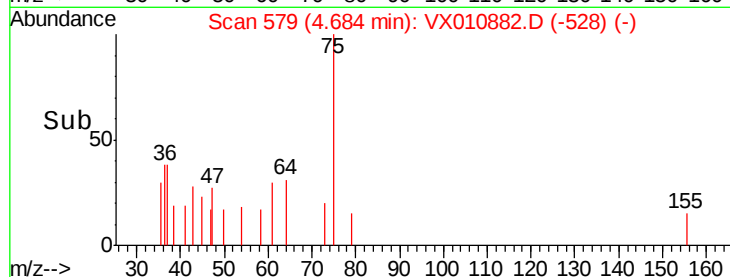
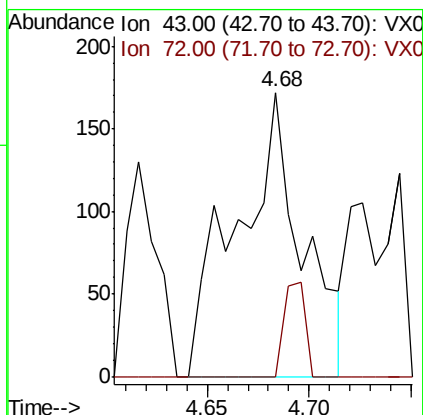
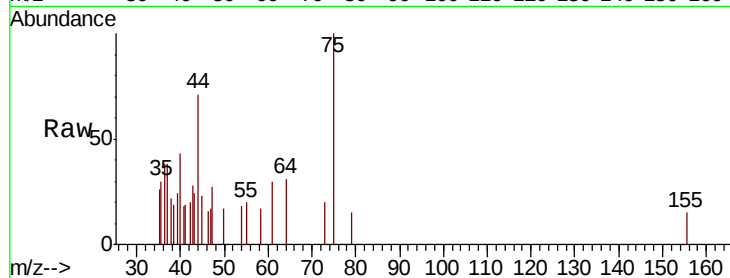
TB01-20190709

Tot Ion: 43 Resp: 385

Ion Ratio Lower Upper

43 100

72 0.0 23.3 34.9#



#31

Cyclohexane

Concen: 1.430 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX010882.D

Acq: 15 Jul 2019 14:17

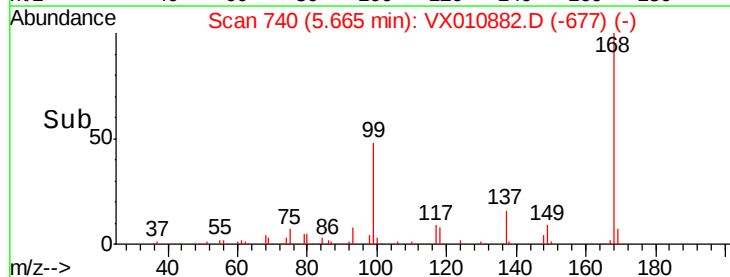
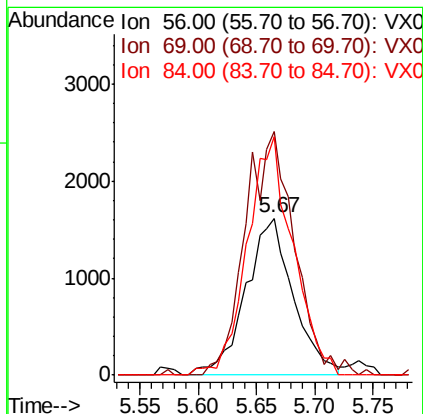
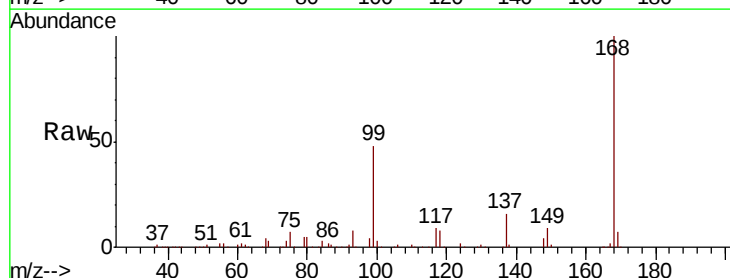
Tgt Ion: 56 Resp: 4598

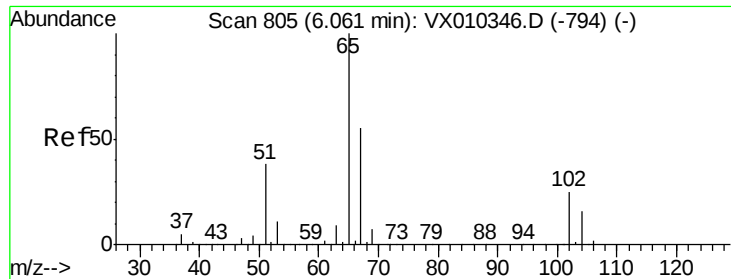
Ion Ratio Lower Upper

56 100

69 155.1 25.9 38.9#

84 151.9 78.0 117.0#

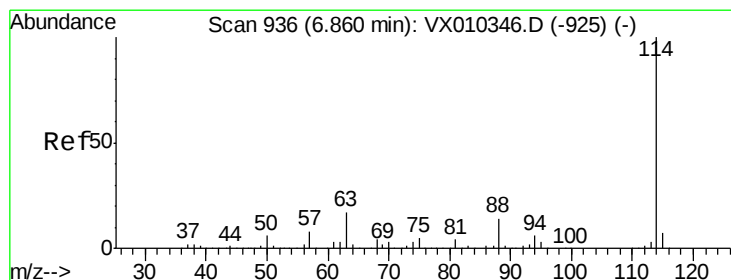
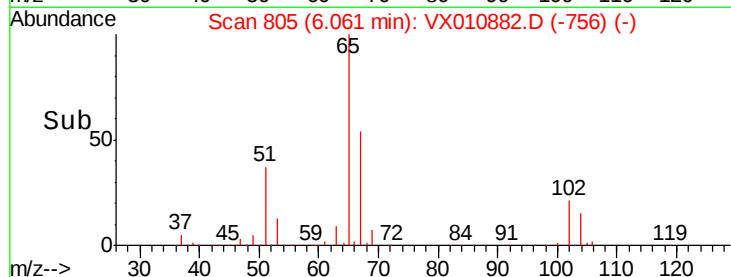
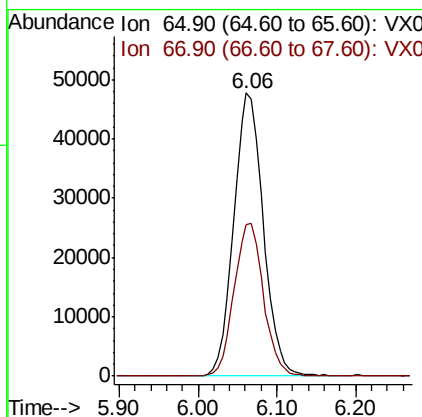
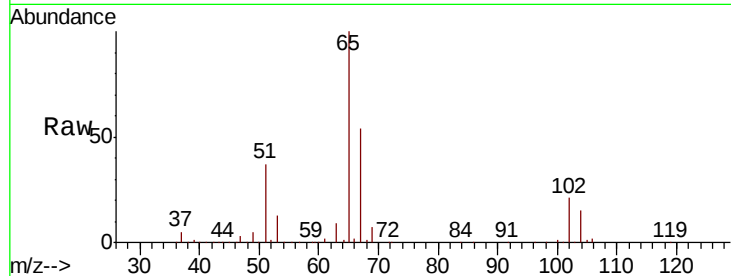




#33
 1,2-Dichloroethane-d4
 Concen: 56.055 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010882.D
 Acq: 15 Jul 2019 14:17

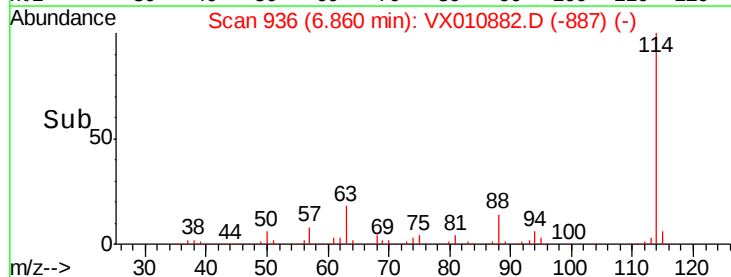
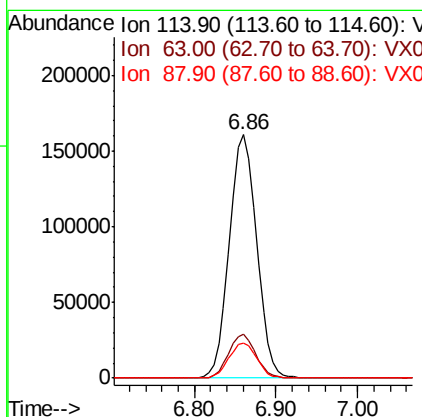
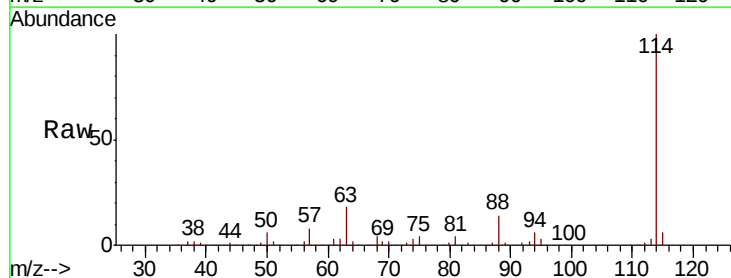
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190709

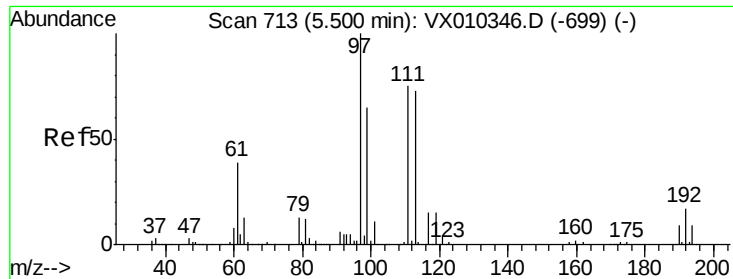
Tot Ion: 65 Resp: 124822
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010882.D
 Acq: 15 Jul 2019 14:17

Tgt Ion: 114 Resp: 373161
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 33.8
 88 14.3 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.874 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010882.D

Acq: 15 Jul 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190709

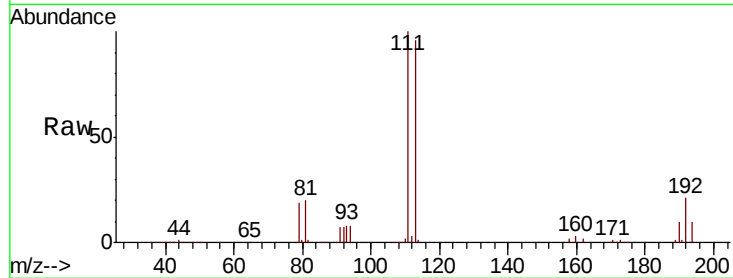
Tot Ion:113 Resp: 116152

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

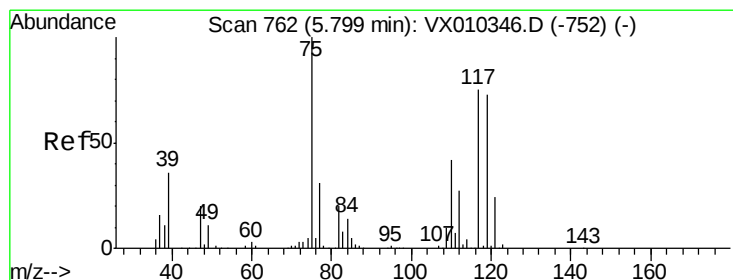
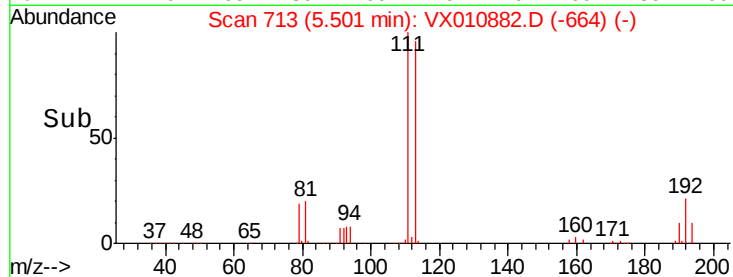
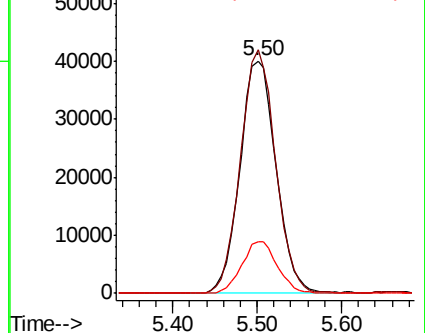
192 22.0 18.6 27.8



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



#36

1,1-Dichloropropene

Concen: 5.309 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010882.D

Acq: 15 Jul 2019 14:17

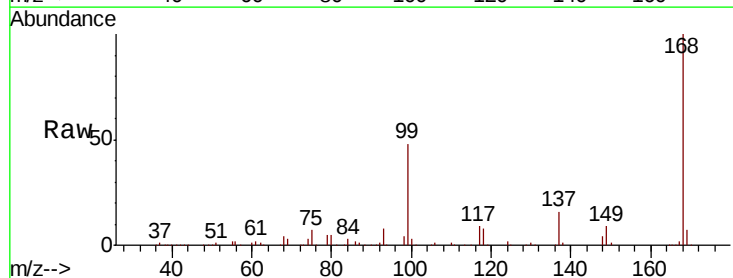
Tgt Ion: 75 Resp: 15743

Ion Ratio Lower Upper

75 100

110 10.3 20.8 62.2#

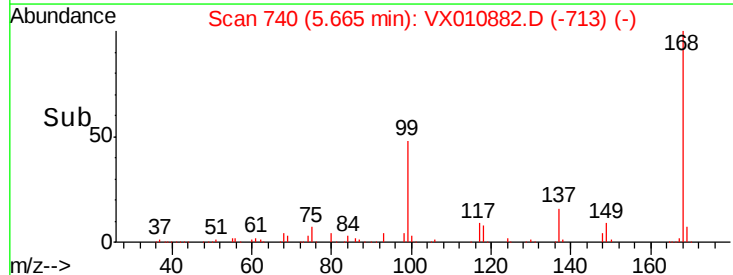
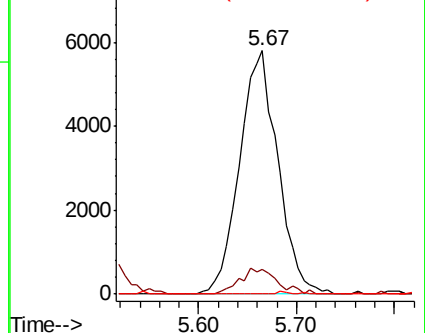
77 0.0 25.4 38.0#

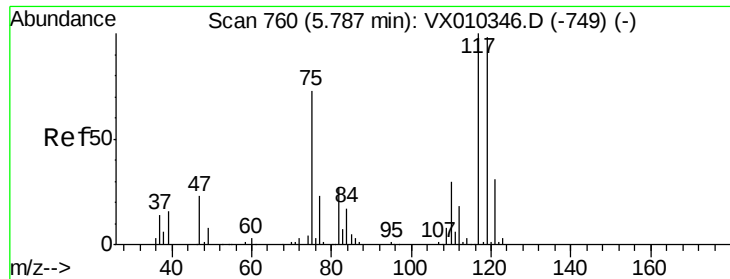


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.853 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010882.D

Acq: 15 Jul 2019 14:17

Instrument :

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ClientSampleId :

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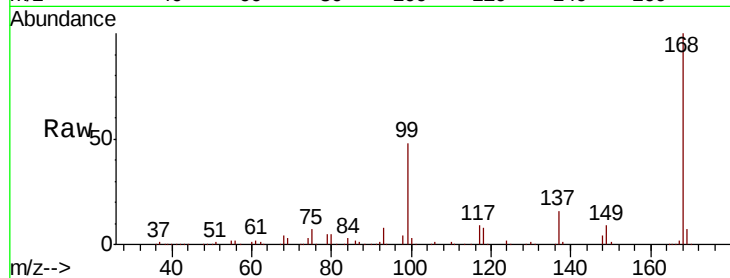
Tot Ion:117 Resp: 22006

Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.4#

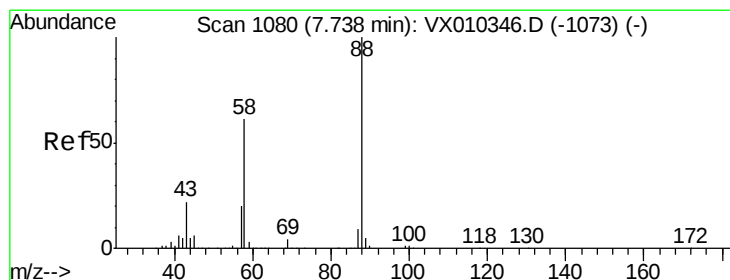
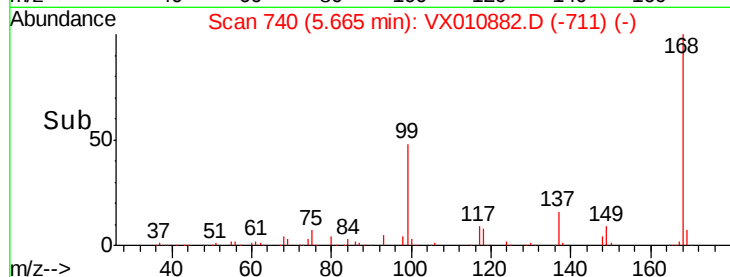
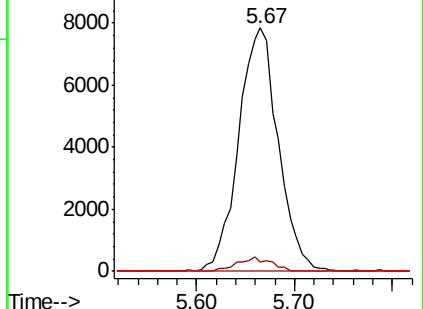
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.370 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.01 min

Lab File: VX010882.D

Acq: 15 Jul 2019 14:17

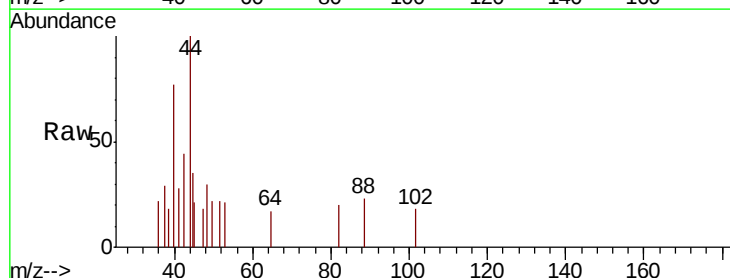
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 456.0 20.2 30.2#

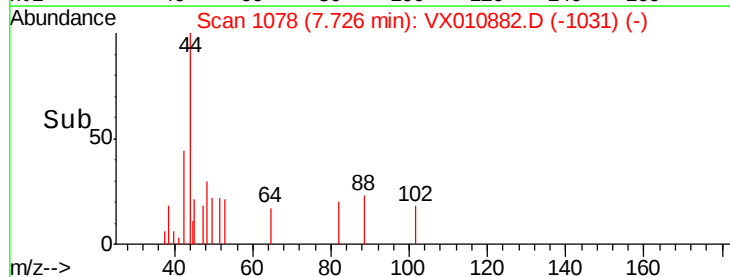
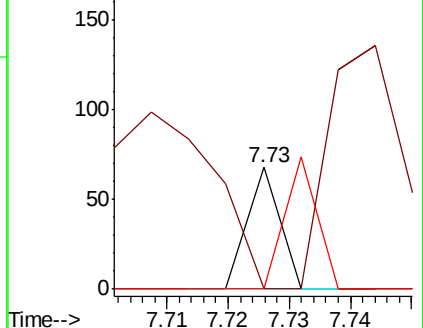
58 108.0 49.5 74.3#

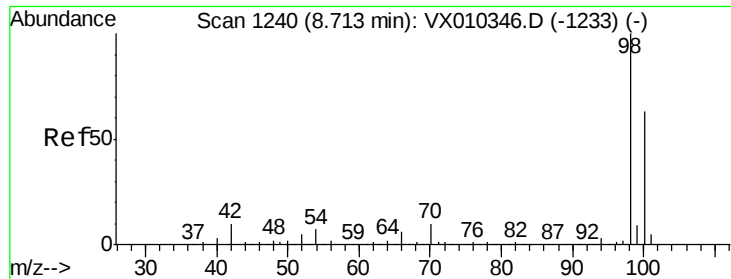


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

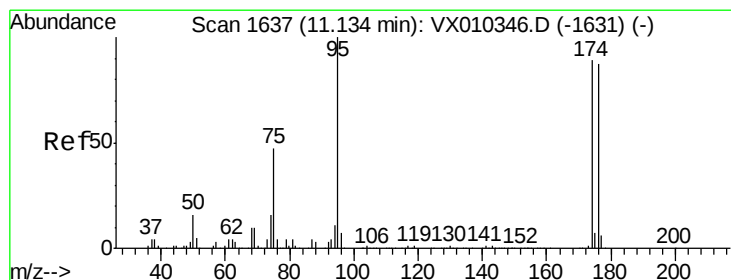
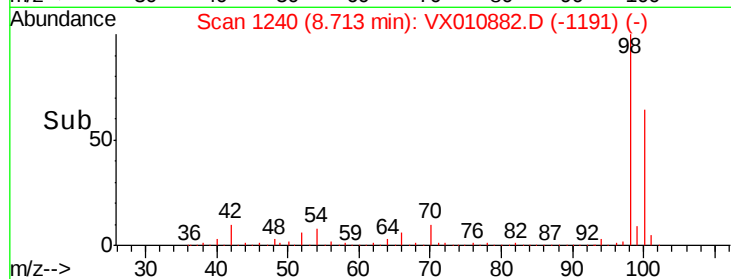
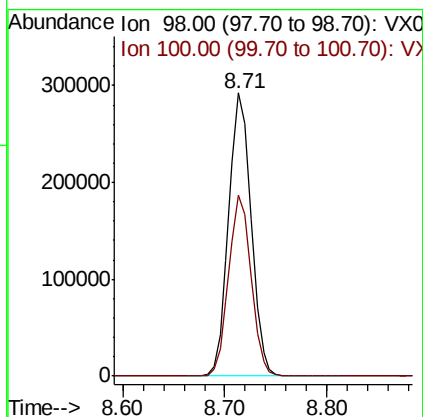
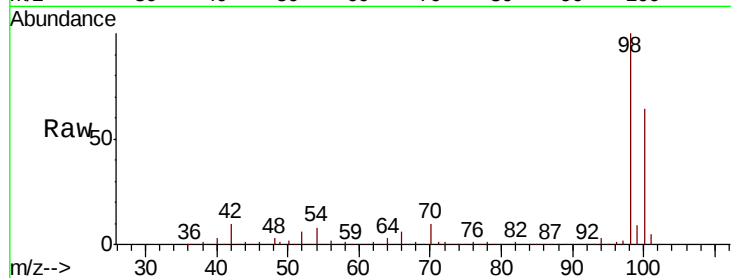




#50
Toluene-d8
Concen: 51.065 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010882.D
Acq: 15 Jul 2019 14:17

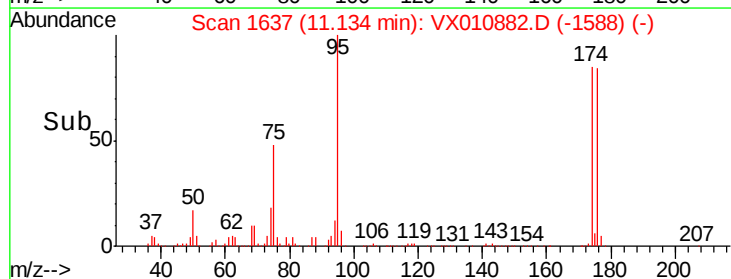
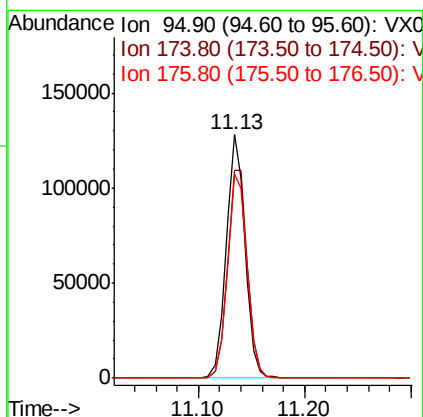
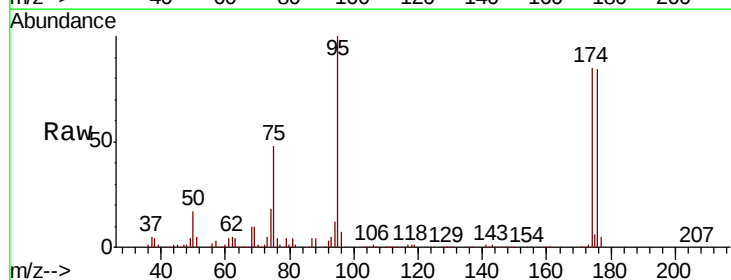
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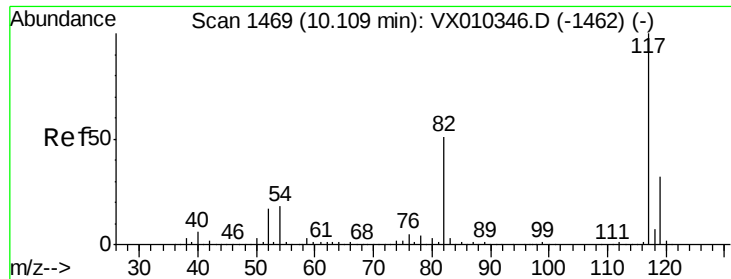
Tot Ion: 98 Resp: 446046
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 50.114 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010882.D
Acq: 15 Jul 2019 14:17

Tgt Ion: 95 Resp: 158035
Ion Ratio Lower Upper
95 100
174 90.8 0.0 187.6
176 87.5 0.0 184.0

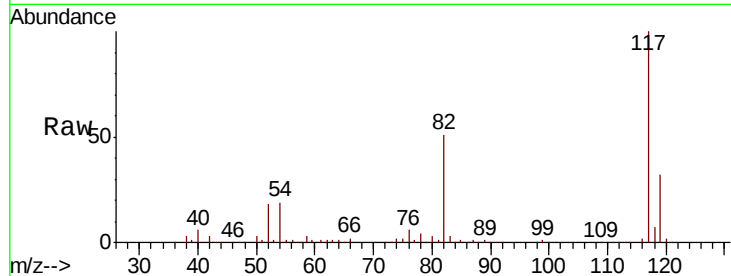




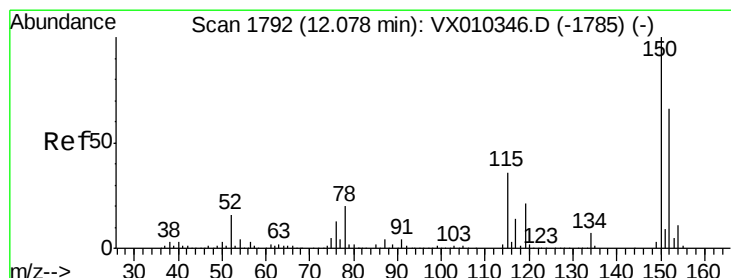
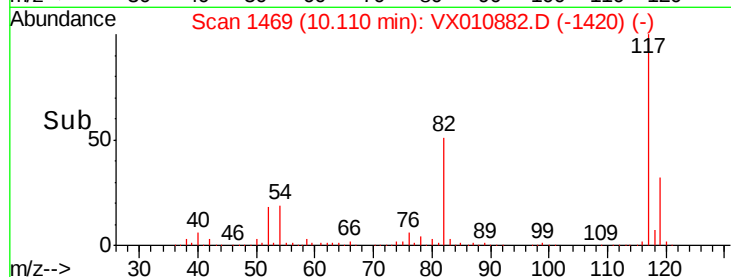
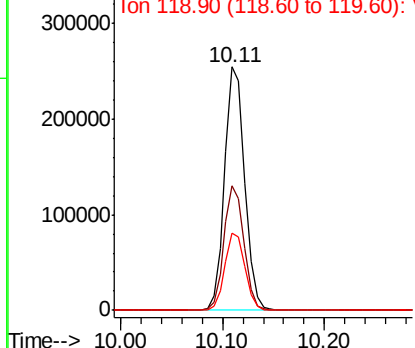
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010882.D
Acq: 15 Jul 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
TB01-20190709

Tot Ion:117 Resp: 347169
Ion Ratio Lower Upper
117 100
82 51.2 41.2 61.8
119 31.8 25.5 38.3

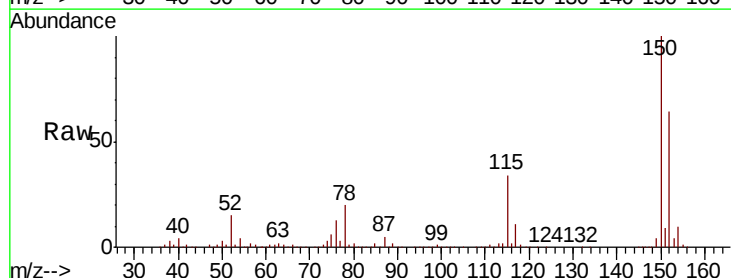


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

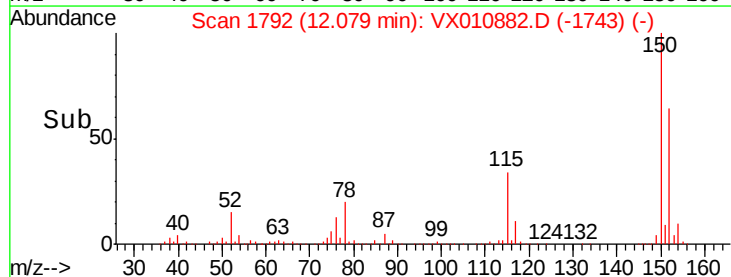
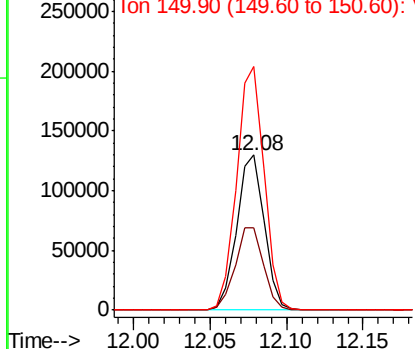


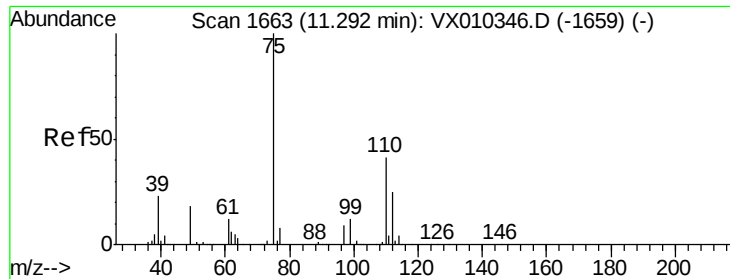
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010882.D
Acq: 15 Jul 2019 14:17

Tgt Ion:152 Resp: 161416
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 156.9 0.0 347.4



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

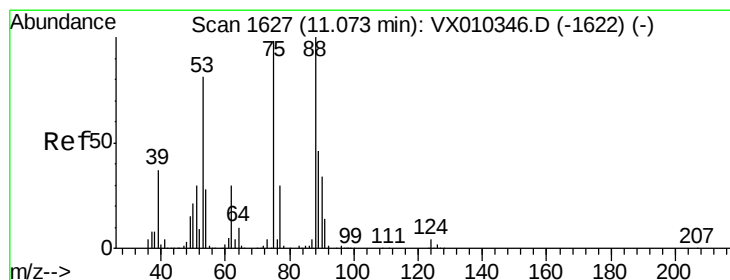
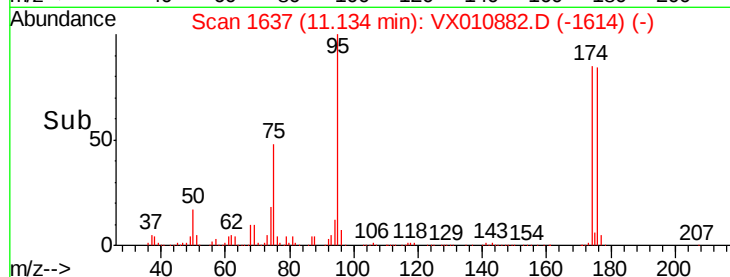
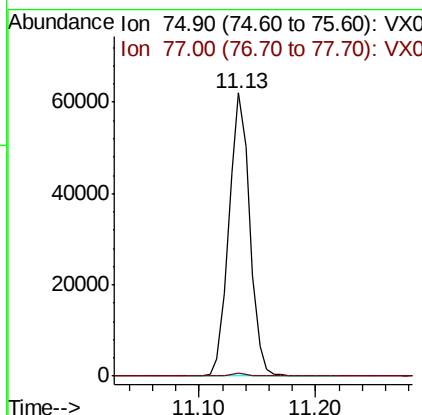
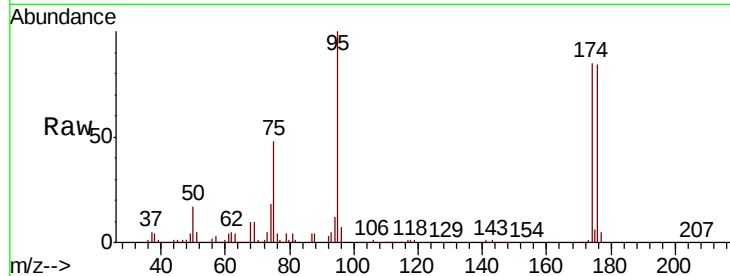




#76
 1,2,3-Trichloropropane
 Concen: 26.296 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010882.D
 Acq: 15 Jul 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190709

Tot Ion: 75 Resp: 77347
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.345 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010882.D
 Acq: 15 Jul 2019 14:17

Tgt Ion: 75 Resp: 77347
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.1 99.1#
 89 0.1 37.8 56.6#

