

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011844.D
 Acq On : 27 Aug 2019 12:56
 Operator : JC/SP
 Sample : K4553-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20190826

Quant Time: Aug 28 02:20:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	403441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	559348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	490401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	234427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	203718	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	5.49	113	173321	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.71	98	636383	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	230539	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	

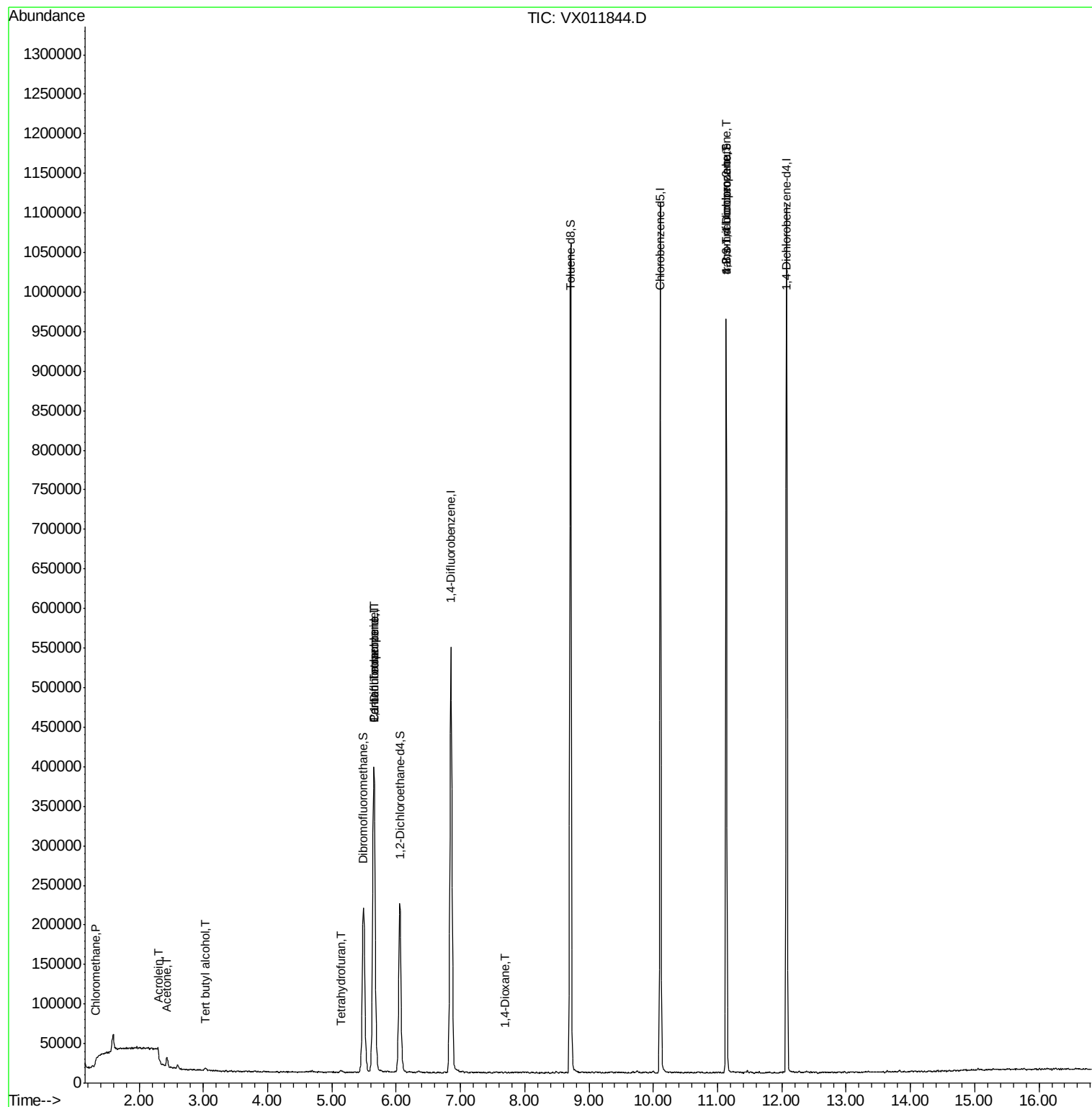
Target Compounds					Qvalue	
3) Chloromethane	1.32	50	919	0.278	ug/l #	87
11) Tert butyl alcohol	3.03	59	4041	5.046	ug/l #	82
13) Acrolein	2.29	56	621	2.006	ug/l #	16
16) Acetone	2.43	43	13768	7.809	ug/l	98
29) Tetrahydrofuran	5.14	42	2444	1.507	ug/l #	72
36) 1,1-Dichloropropene	5.65	75	25316	5.772	ug/l #	49
38) Carbon Tetrachloride	5.65	117	34979	7.037	ug/l #	15
49) 1,4-Dioxane	7.70	88	43	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	113897	27.689	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	113897	83.504	ug/l #	11

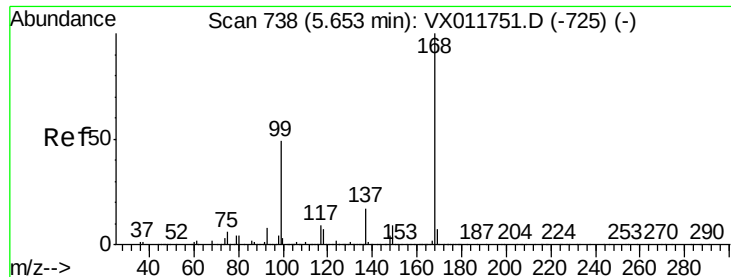
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
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Quant Time: Aug 28 02:20:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011844.D

Acq: 27 Aug 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

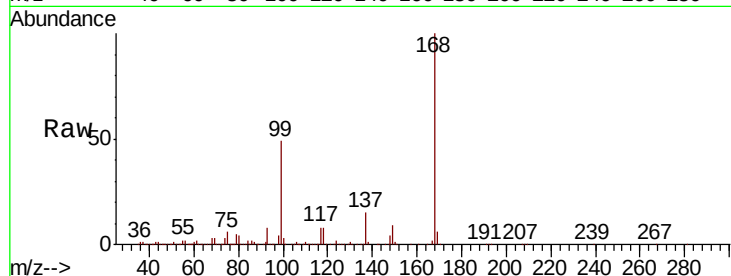
BP-TB-20190826

Tgt Ion:168 Resp: 403441

Ion Ratio Lower Upper

168 100

99 49.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

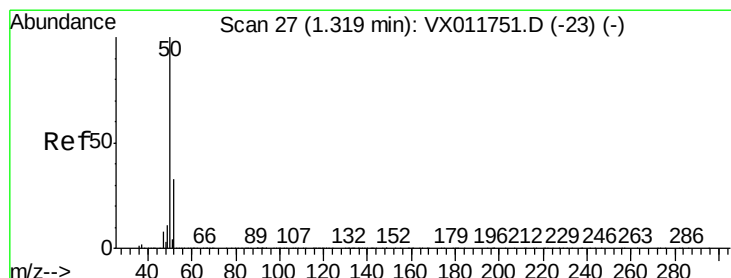
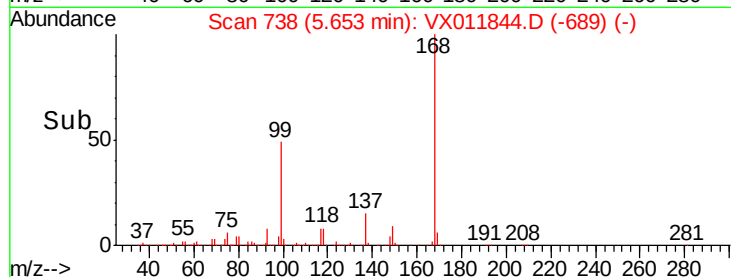
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.278 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011844.D

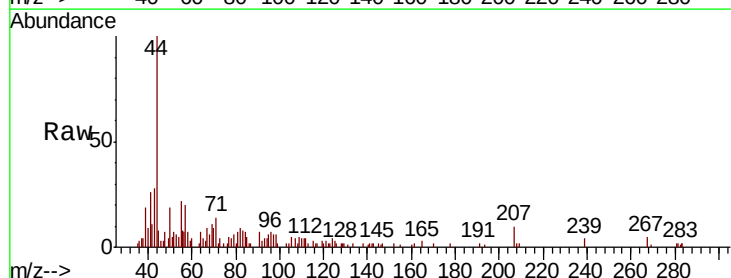
Acq: 27 Aug 2019 12:56

Tgt Ion: 50 Resp: 919

Ion Ratio Lower Upper

50 100

52 25.7 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

600

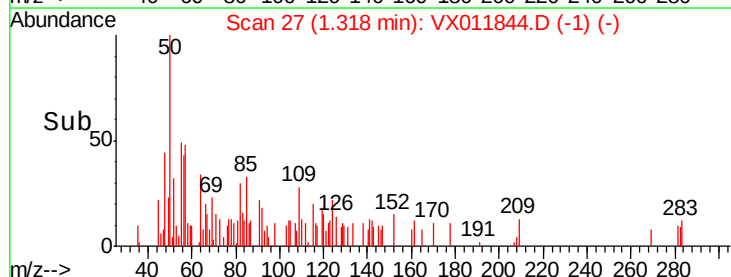
400

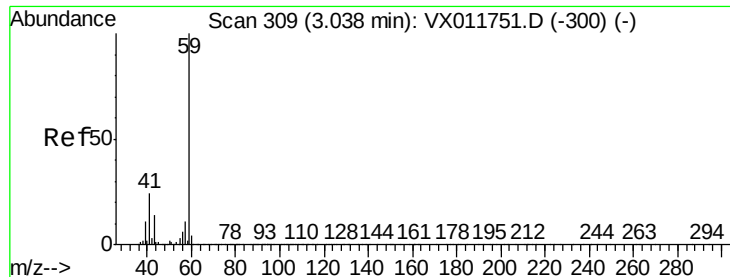
200

0

Time-->

1.30 1.35





#11

Tert butyl alcohol

Concen: 5.046 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.01 min

Lab File: VX011844.D

Acq: 27 Aug 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

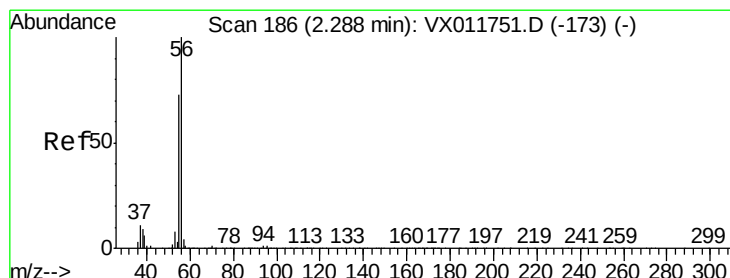
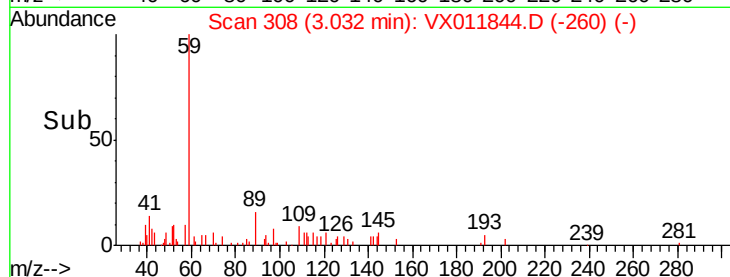
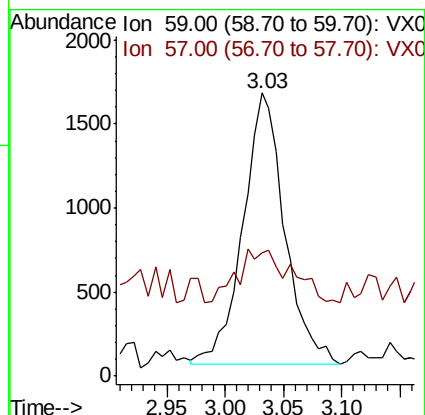
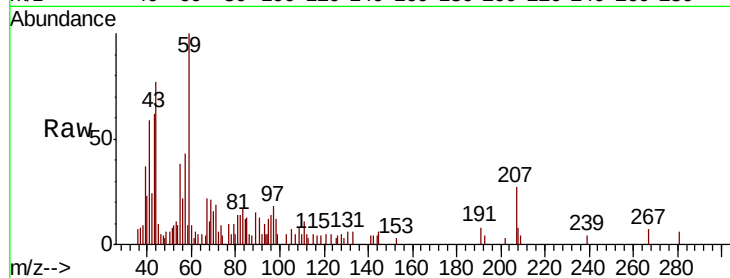
BP-TB-20190826

Tgt Ion: 59 Resp: 4041

Ion Ratio Lower Upper

59 100

57 17.4 8.4 12.6#



#13

Acrolein

Concen: 2.006 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011844.D

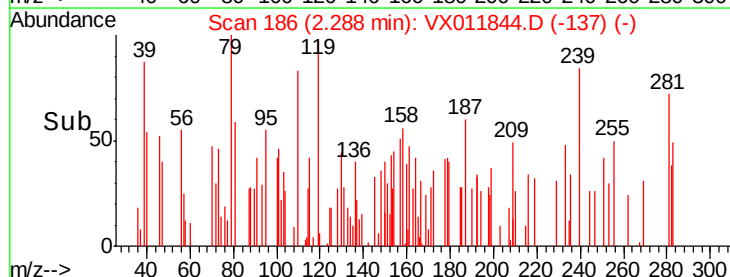
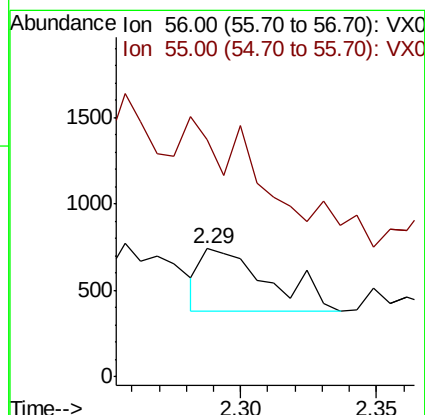
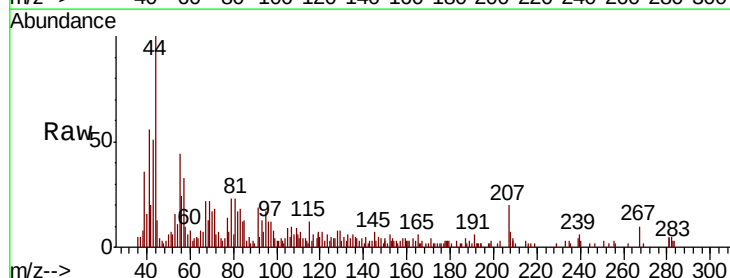
Acq: 27 Aug 2019 12:56

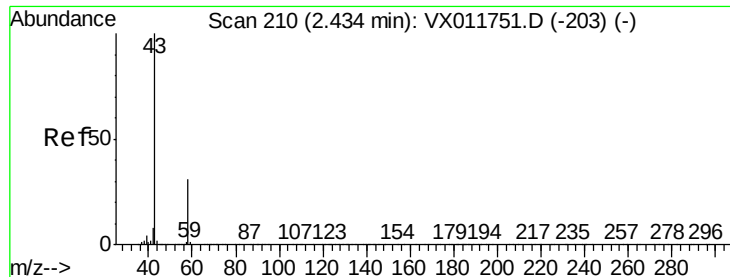
Tgt Ion: 56 Resp: 621

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#





#16

Acetone

Concen: 7.809 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011844.D

Acq: 27 Aug 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

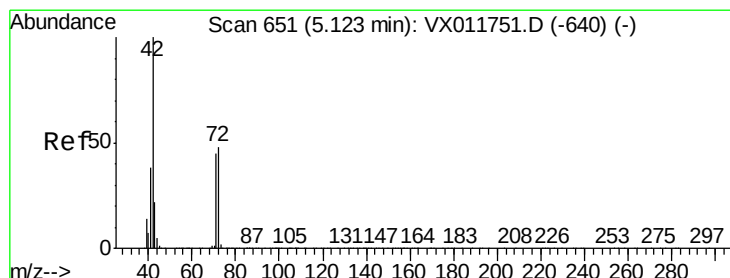
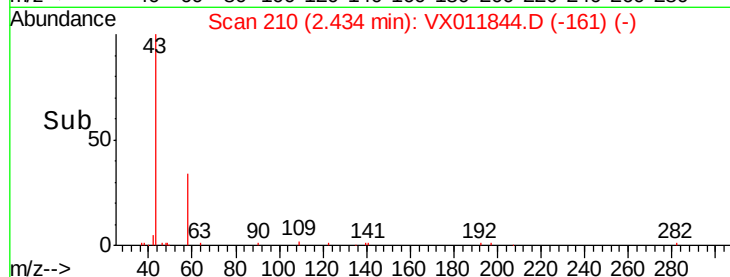
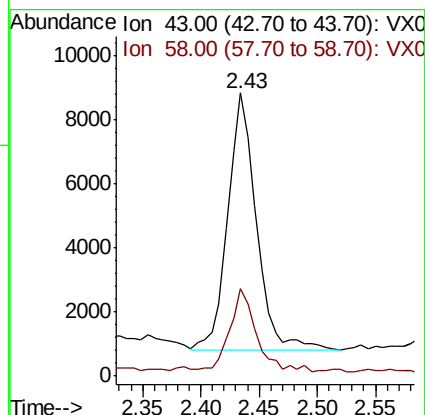
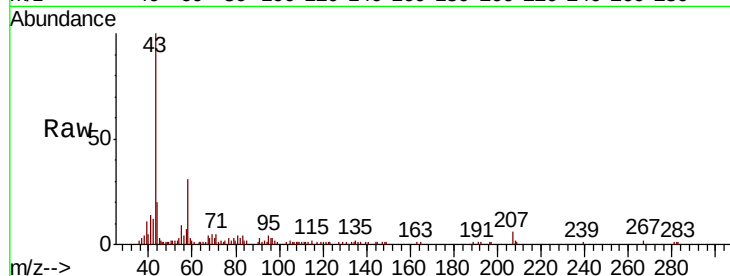
BP-TB-20190826

Tgt Ion: 43 Resp: 13768

Ion Ratio Lower Upper

43 100

58 31.7 24.4 36.6



#29

Tetrahydrofuran

Concen: 1.507 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.02 min

Lab File: VX011844.D

Acq: 27 Aug 2019 12:56

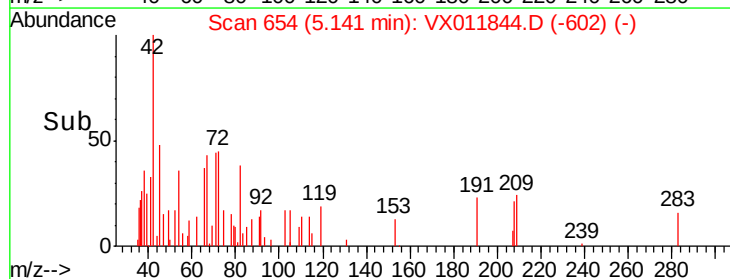
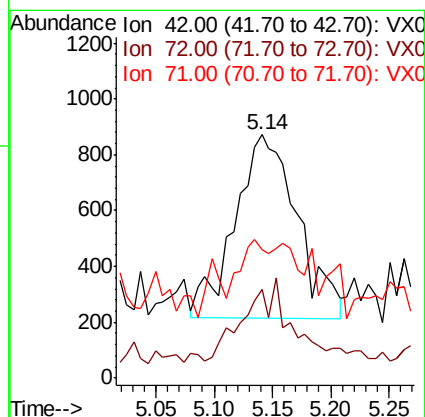
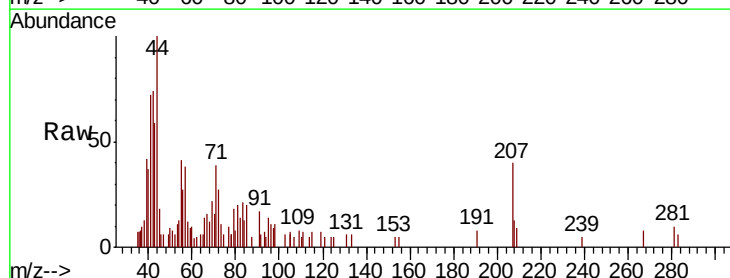
Tgt Ion: 42 Resp: 2444

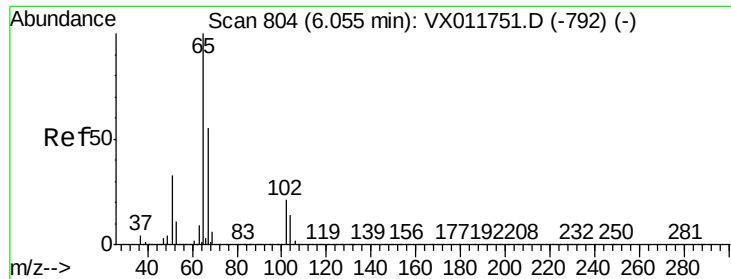
Ion Ratio Lower Upper

42 100

72 39.8 37.6 56.4

71 13.8 34.6 51.8#

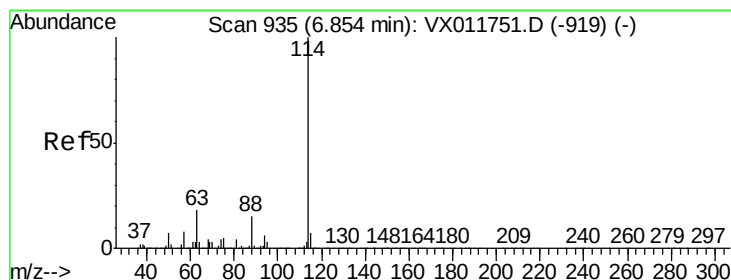
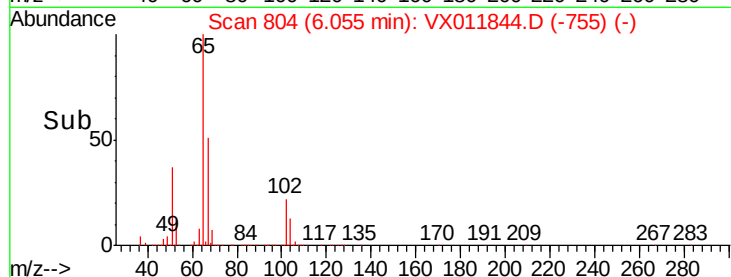
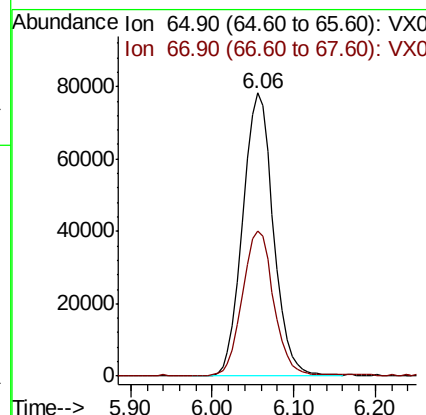
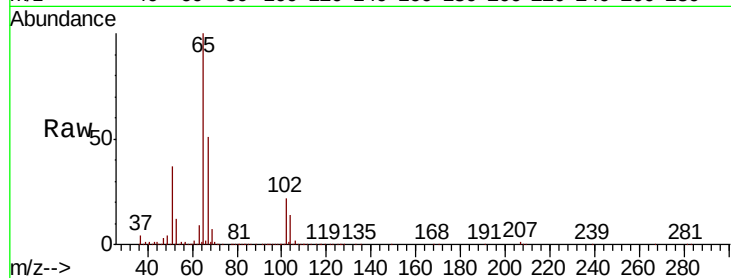




#33
 1,2-Dichloroethane-d4
 Concen: 50.266 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011844.D
 Acq: 27 Aug 2019 12:56

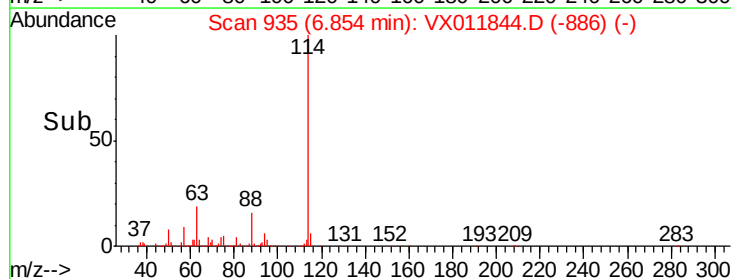
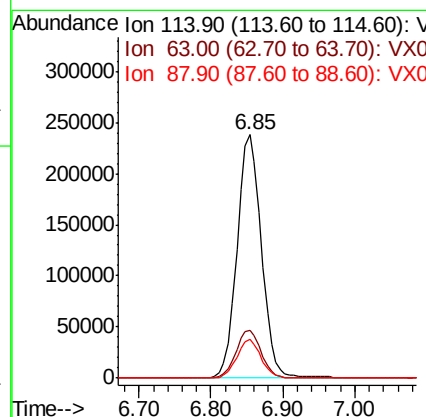
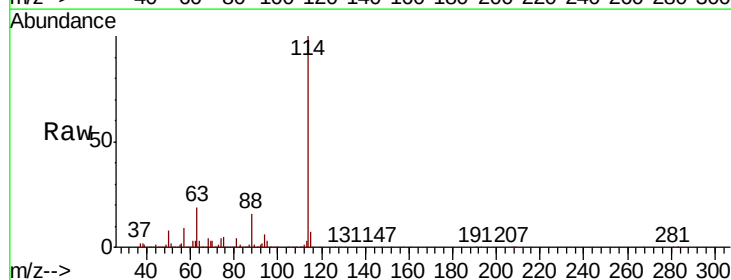
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20190826

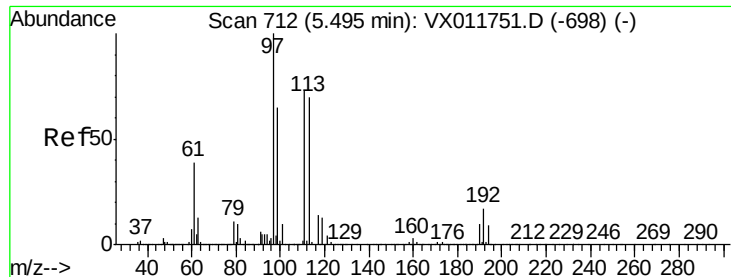
Tgt Ion: 65 Resp: 203718
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011844.D
 Acq: 27 Aug 2019 12:56

Tgt Ion: 114 Resp: 559348
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.8
 88 15.8 0.0 30.2

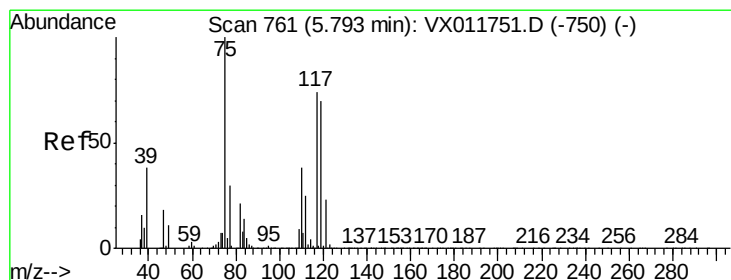
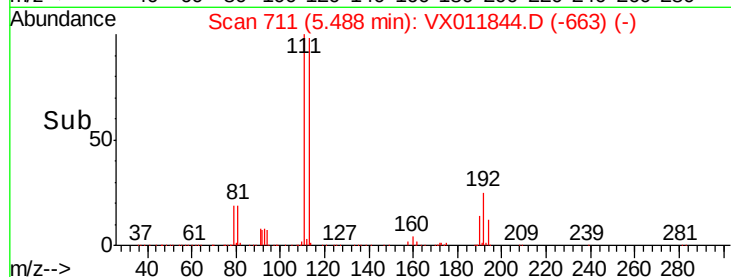
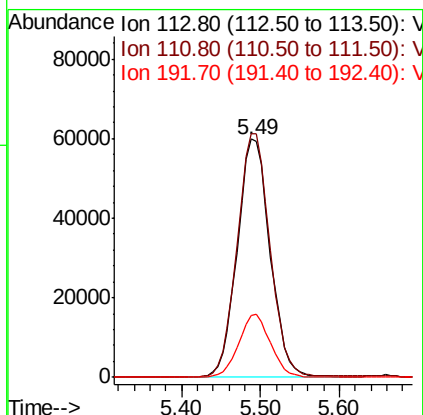
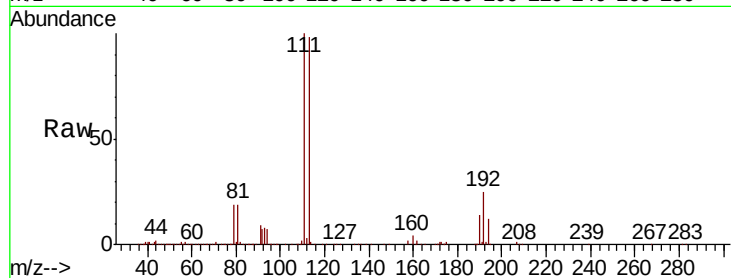




#35
 Dibromofluoromethane
 Concen: 47.919 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011844.D
 Acq: 27 Aug 2019 12:56

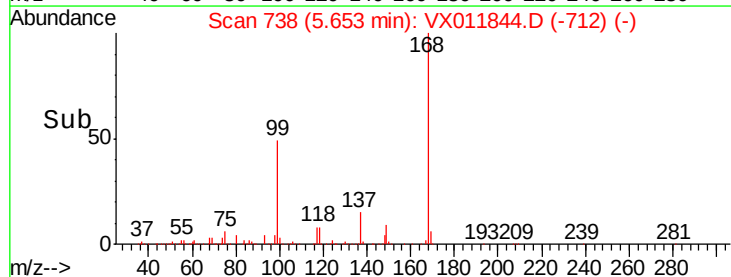
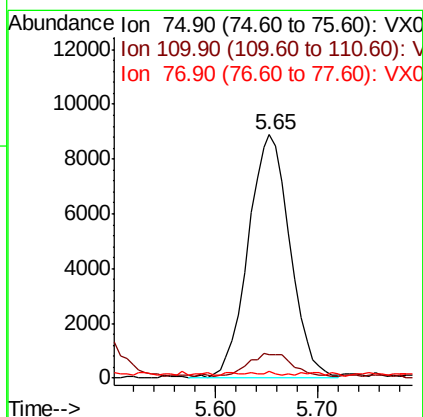
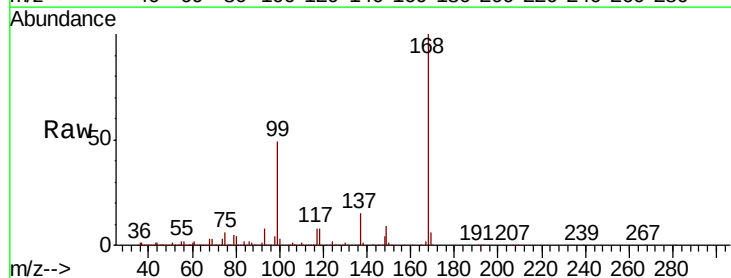
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20190826

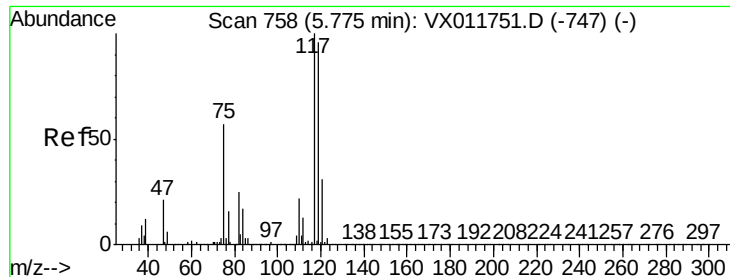
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.4
192	25.7	19.9	29.9



#36
 1,1-Dichloropropene
 Concen: 5.772 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011844.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.0	57.0#
77	0.3	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 7.037 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.12 min

Lab File: VX011844.D

Acq: 27 Aug 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20190826

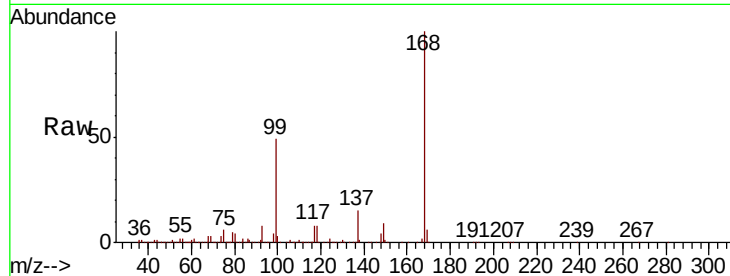
Tgt Ion: 117 Resp: 34979

Ion Ratio Lower Upper

117 100

119 4.1 76.6 114.8#

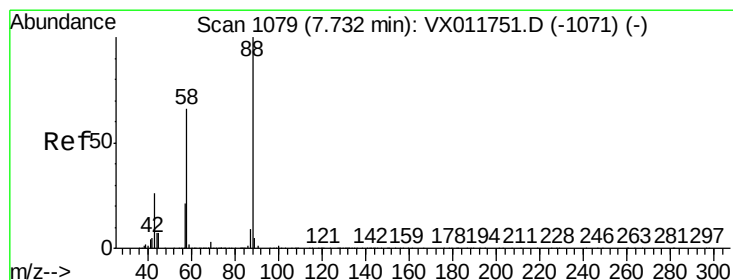
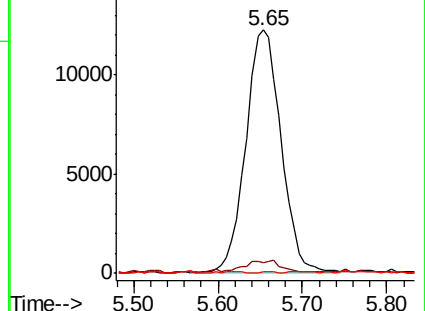
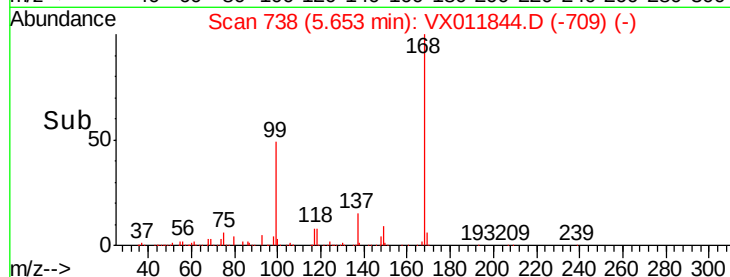
121 0.0 25.2 37.8#



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: 0.415 ug/l

RT: 7.70 min Scan# 1073

Delta R.T. -0.04 min

Lab File: VX011844.D

Acq: 27 Aug 2019 12:56

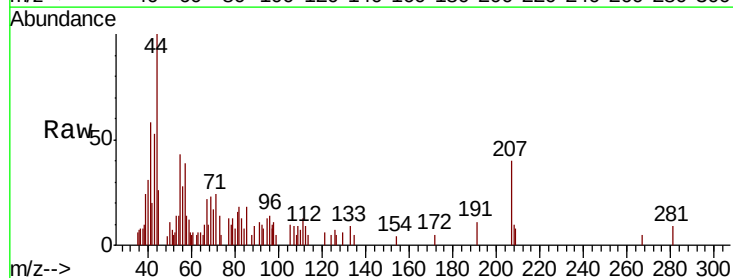
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 0.0 24.6 37.0#

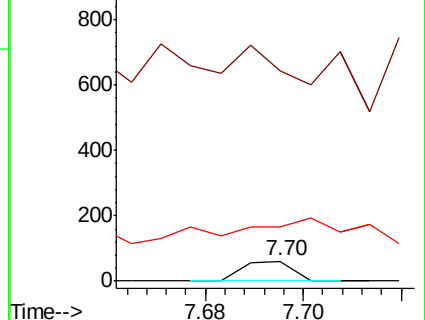
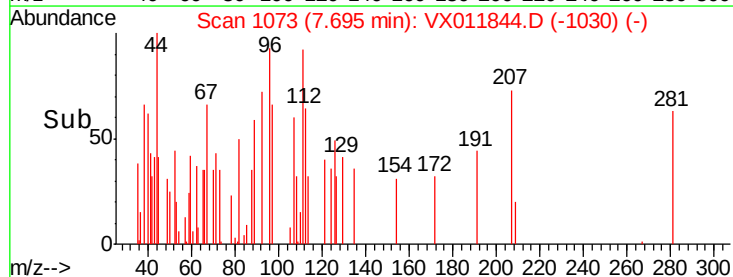
58 555.8 51.4 77.2#

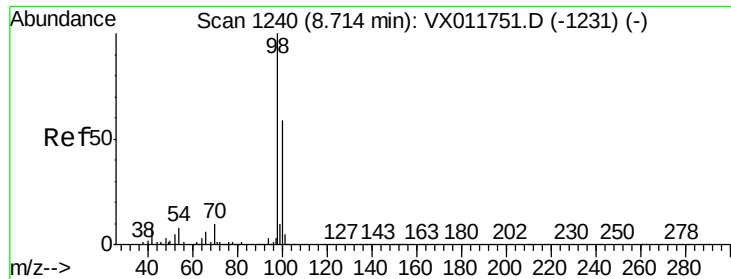


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

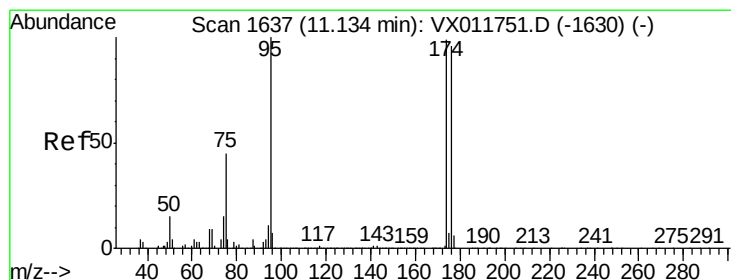
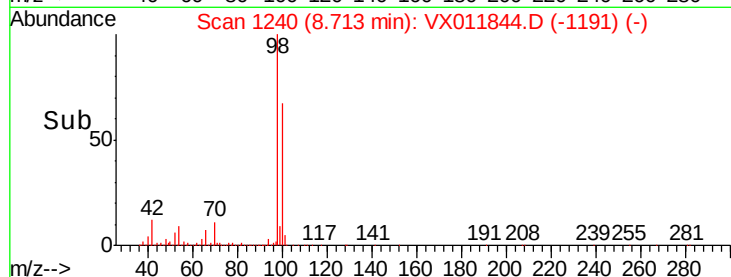
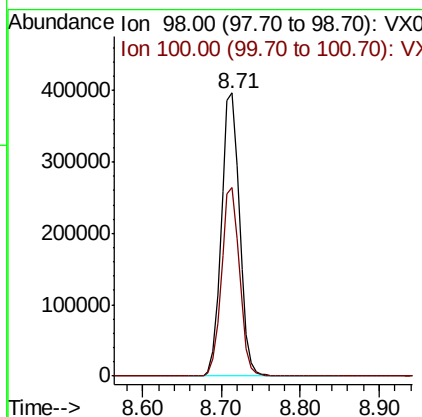
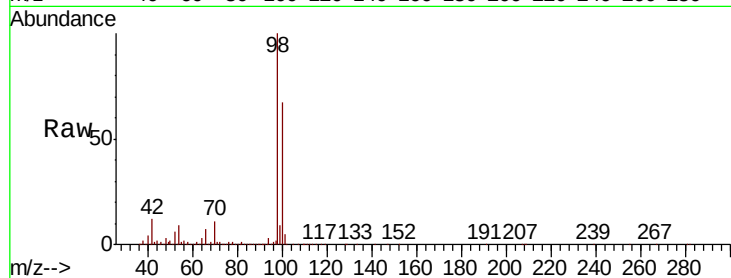




#50
Toluene-d8
Concen: 50.442 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011844.D
Acq: 27 Aug 2019 12:56

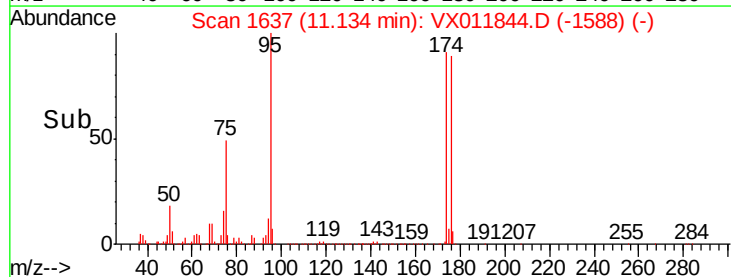
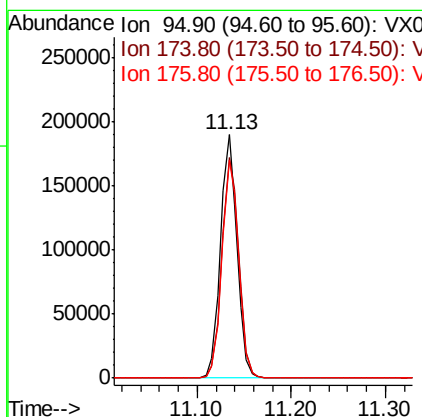
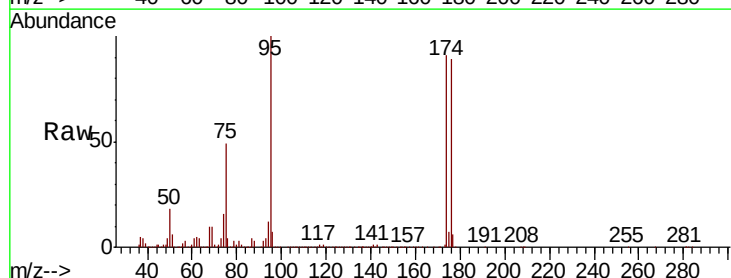
Instrument :
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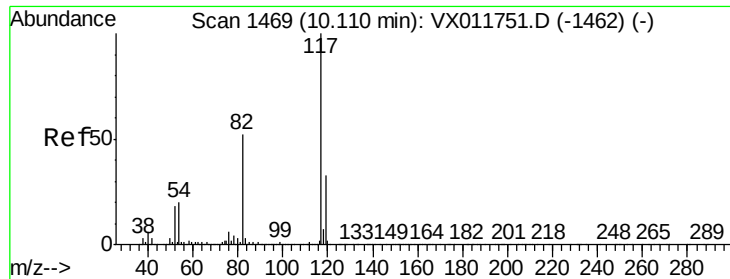
Tgt Ion: 98 Resp: 636383
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.232 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011844.D
Acq: 27 Aug 2019 12:56

Tgt Ion: 95 Resp: 230539
Ion Ratio Lower Upper
95 100
174 93.2 0.0 197.4
176 91.1 0.0 194.4

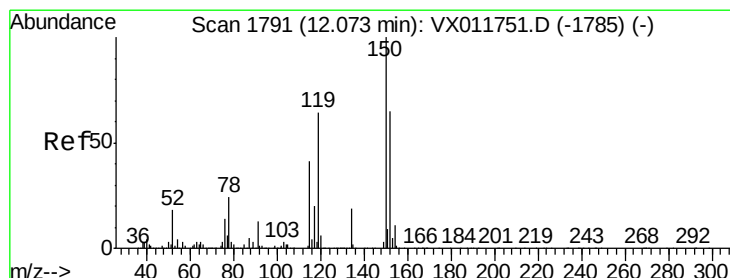
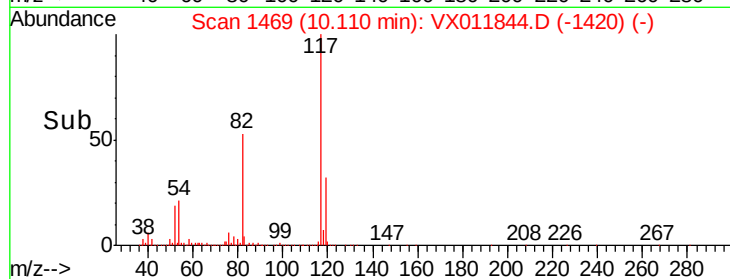
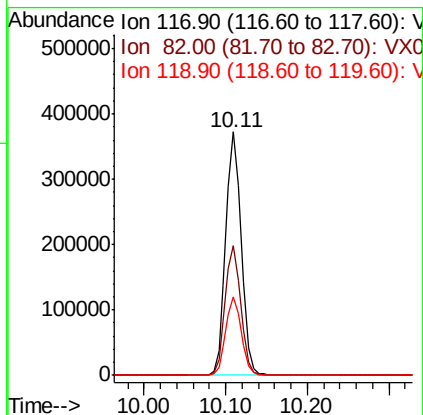
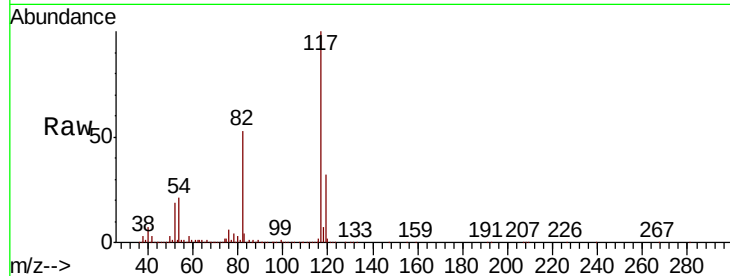




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011844.D
Acq: 27 Aug 2019 12:56

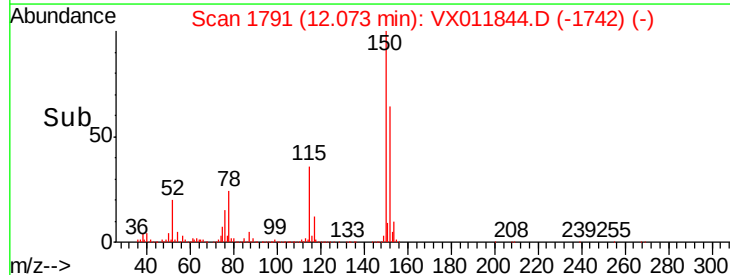
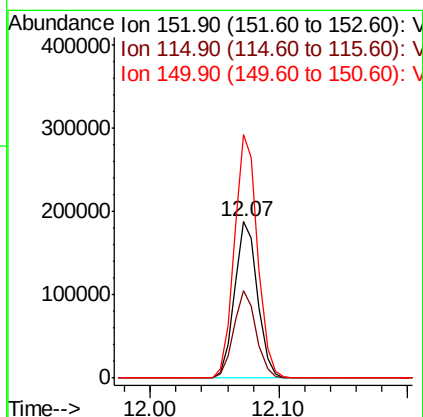
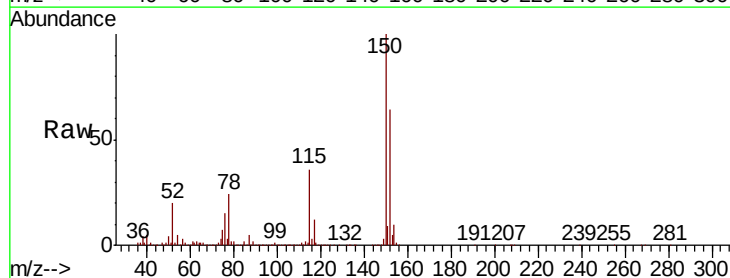
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20190826

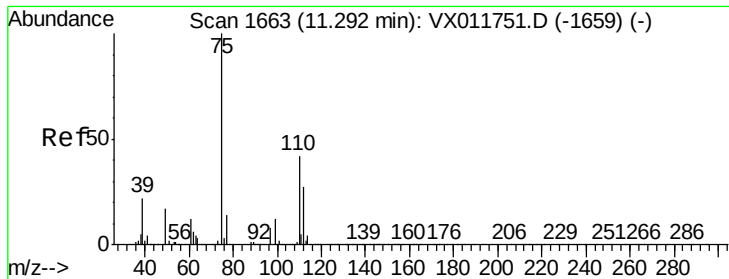
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.7	62.5
119	32.0	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011844.D
Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	37.3	111.8
150	156.3	0.0	343.0





#76

1,2,3-Trichloropropane

Concen: 27.689 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011844.D

Acq: 27 Aug 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

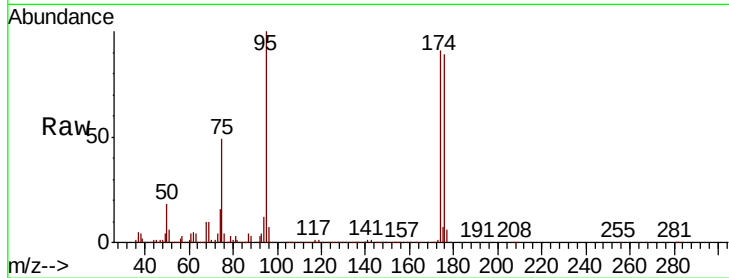
BP-TB-20190826

Tgt Ion: 75 Resp: 113897

Ion Ratio Lower Upper

75 100

77 1.1 21.1 63.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

100000

80000

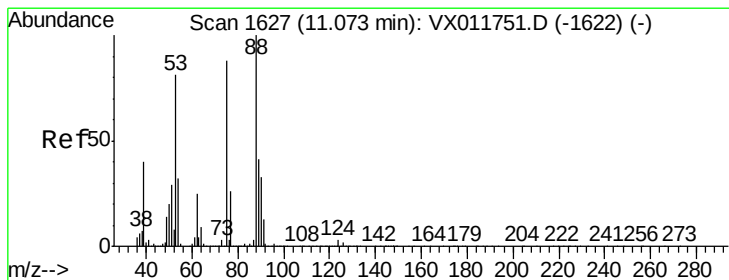
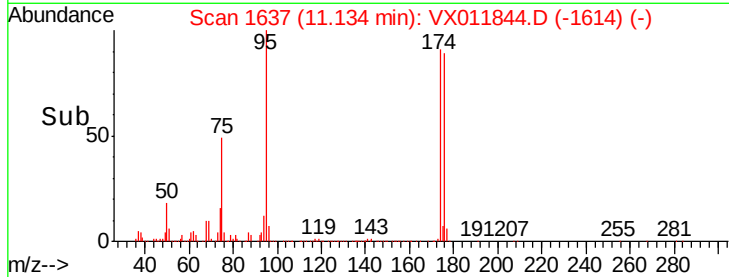
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 83.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011844.D

Acq: 27 Aug 2019 12:56

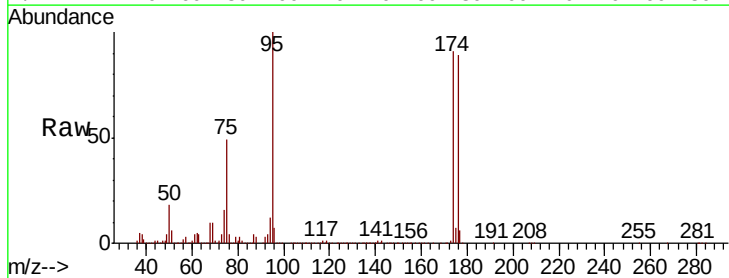
Tgt Ion: 75 Resp: 113897

Ion Ratio Lower Upper

75 100

53 0.2 77.1 115.7#

89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

120000

100000

80000

60000

40000

20000

0

Time-->

