

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011034.D
 Acq On : 22 Jul 2019 16:36
 Operator : JC/SP
 Sample : K3928-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-COMP

Quant Time: Jul 23 05:58:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

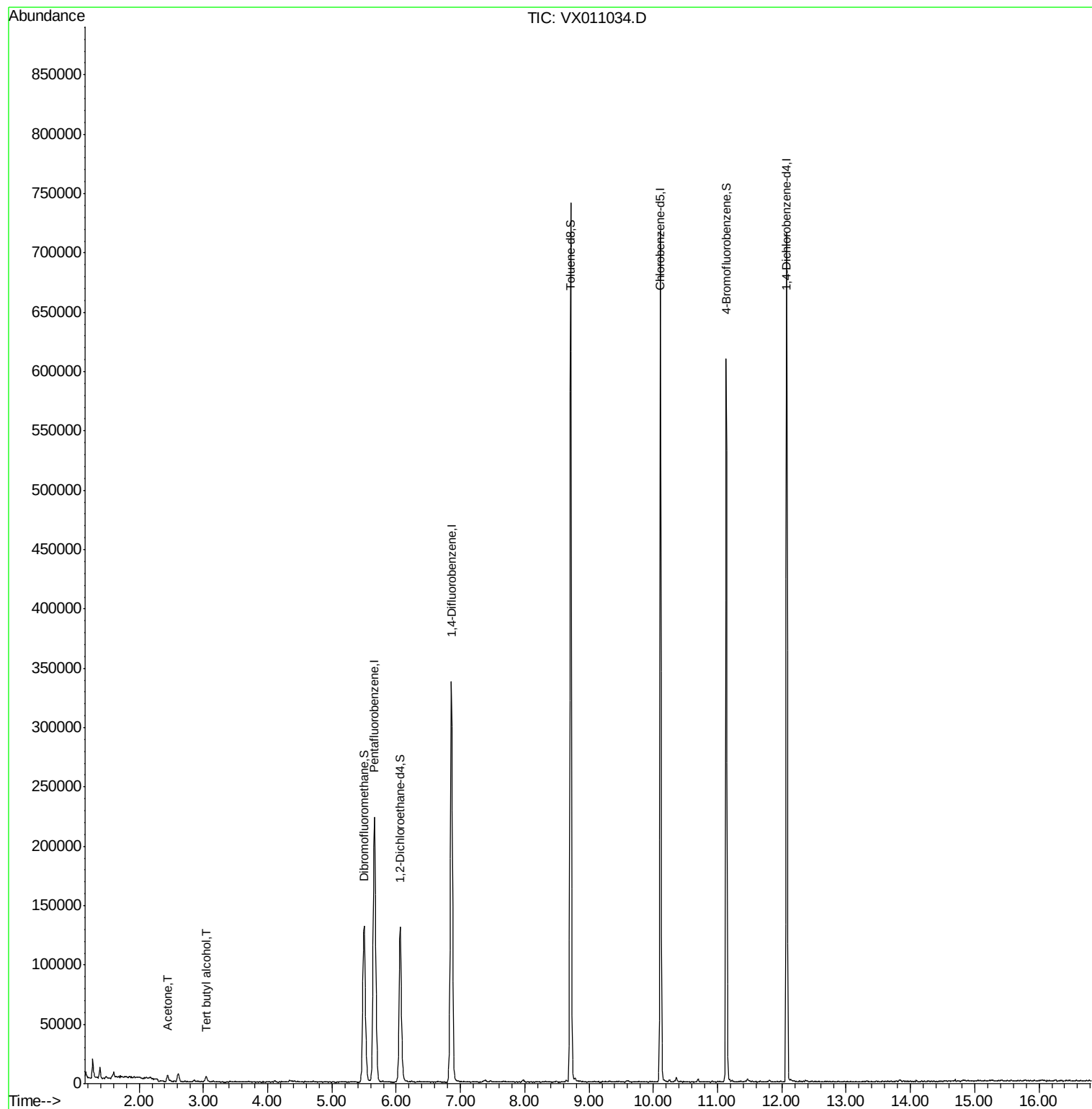
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	153992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121515	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	111915	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	431423	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	150547	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	4887	8.668	ug/l #	83
16) Acetone	2.44	43	6510	5.954	ug/l	90

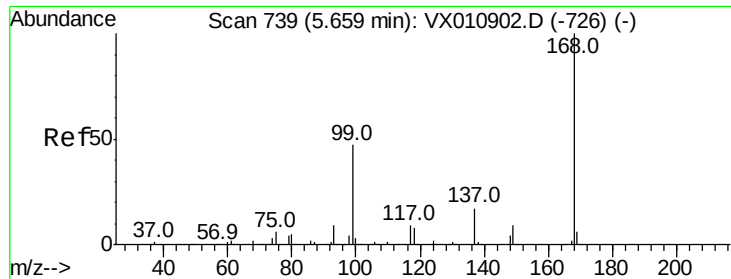
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011034.D

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Instrument :

MSVOA_X

ClientSampleId :

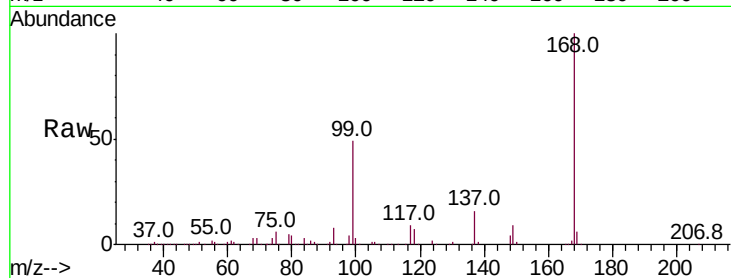
TOTE-COMP

Tot Ion:168 Resp: 227551

Ion Ratio Lower Upper

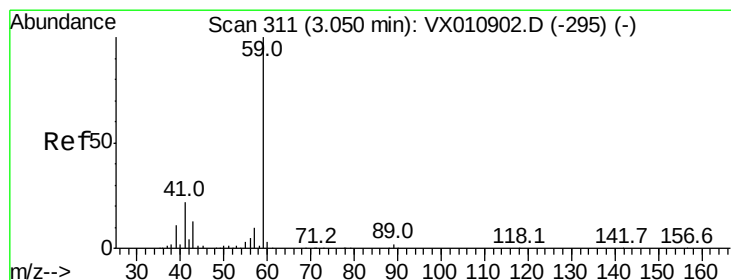
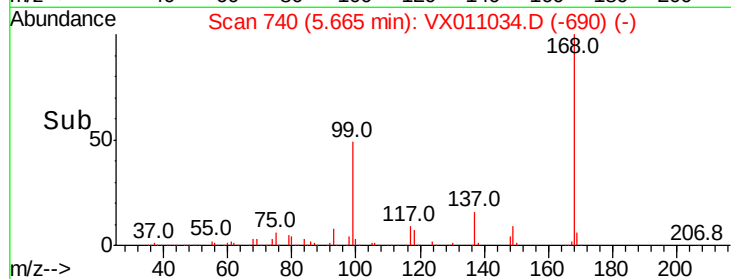
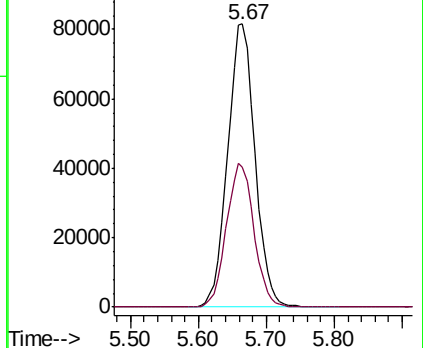
168 100

99 49.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 8.668 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX011034.D

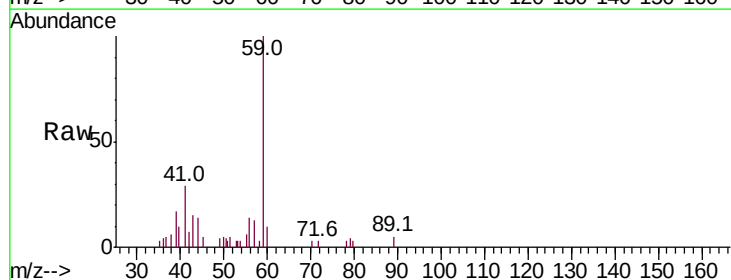
Acq: 22 Jul 2019 16:36

Tgt Ion: 59 Resp: 4887

Ion Ratio Lower Upper

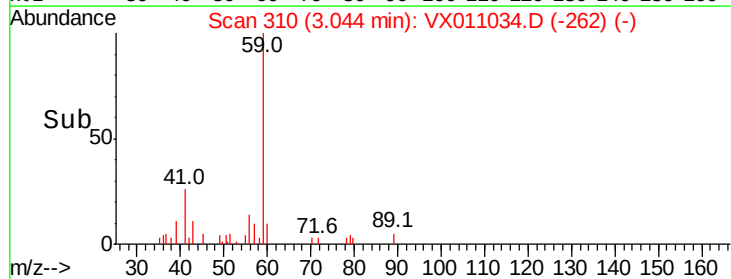
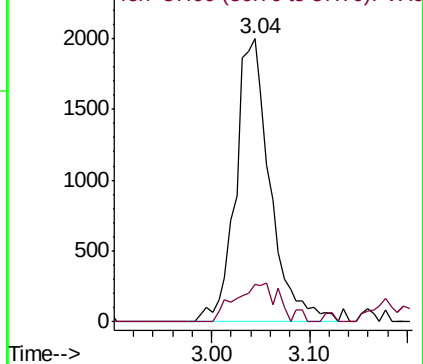
59 100

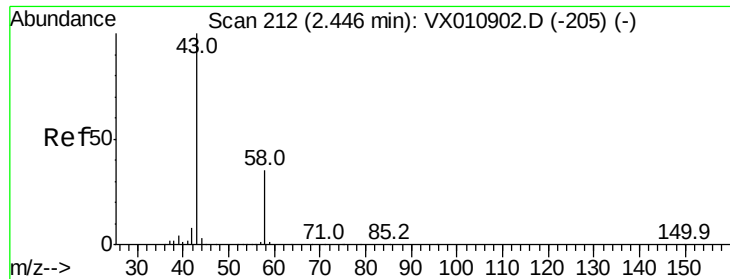
57 16.3 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 5.954 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

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Acq: 22 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

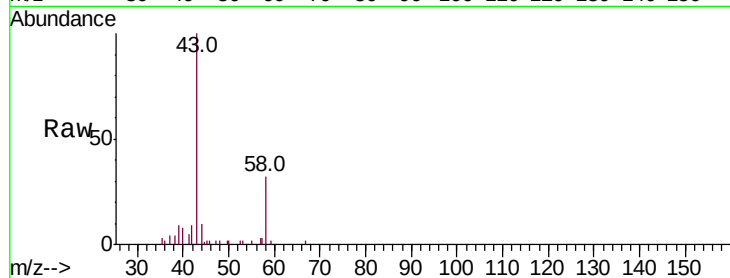
TOTE-COMP

Tot Ion: 43 Resp: 6510

Ion Ratio Lower Upper

43 100

58 28.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

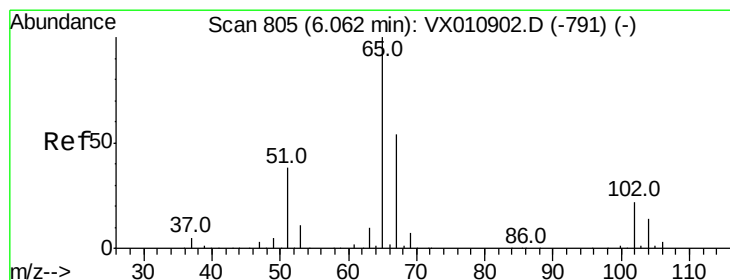
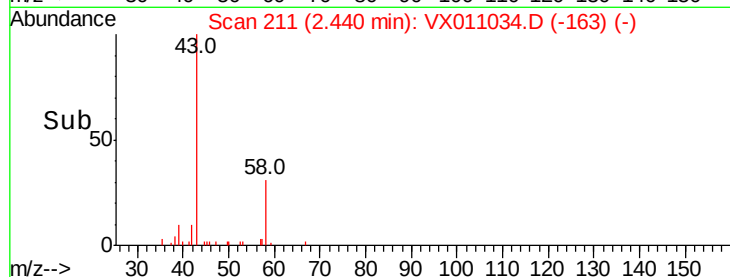
2000

1000

0

2.35 2.40 2.45 2.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.196 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011034.D

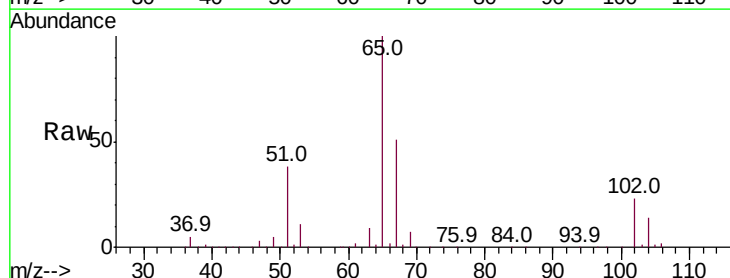
Acq: 22 Jul 2019 16:36

Tgt Ion: 65 Resp: 121515

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

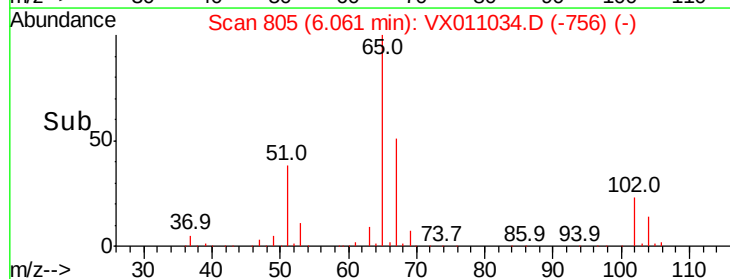
20000

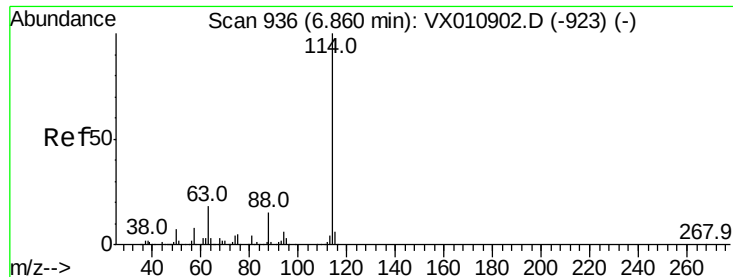
10000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

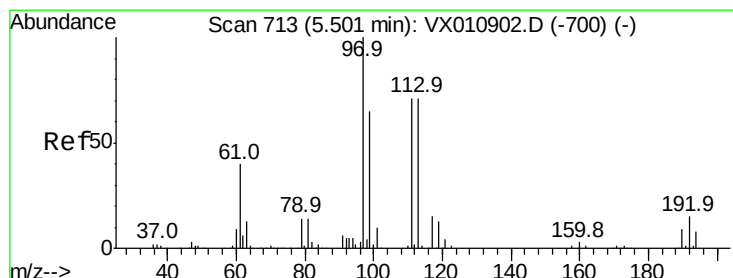
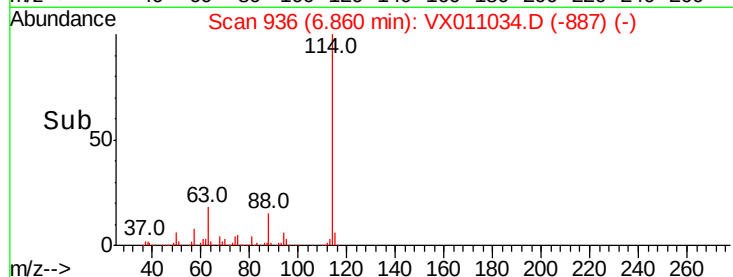
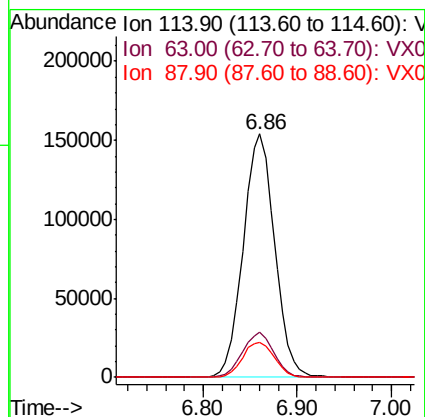
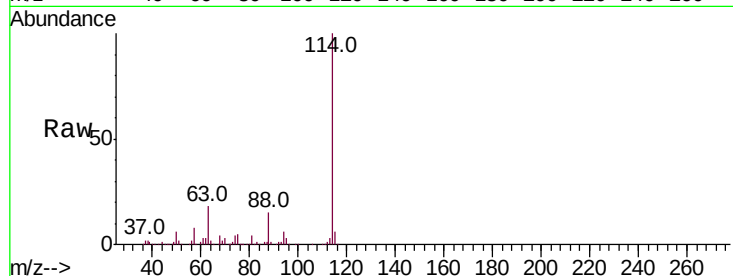
Lab File: VX011034.D

Acq: 22 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP

Tot Ion:114 Resp: 357163

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.6
88	14.6	0.0	29.8



#35

Dibromofluoromethane

Concen: 49.367 ug/l

RT: 5.50 min Scan# 713

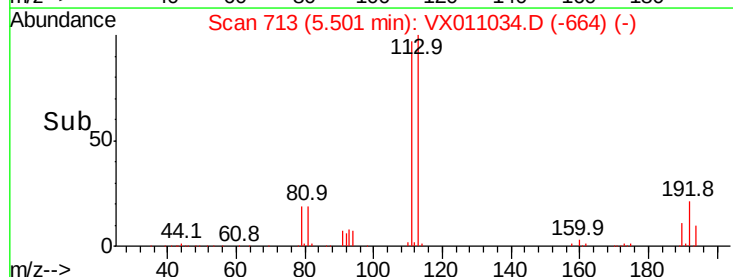
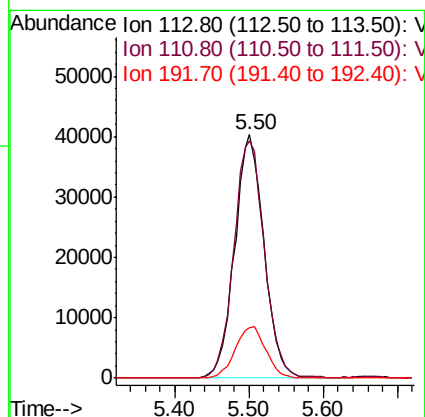
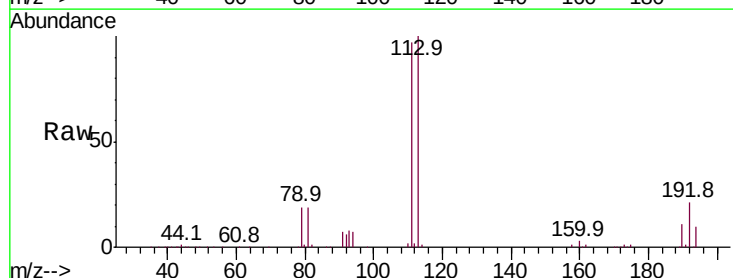
Delta R.T. -0.00 min

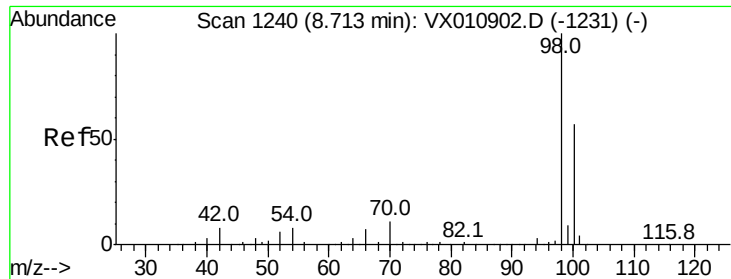
Lab File: VX011034.D

Acq: 22 Jul 2019 16:36

Tgt Ion:113 Resp: 111915

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.3	123.5
192	22.0	17.4	26.2





#50

Toluene-d8

Concen: 50.740 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011034.D

Acq: 22 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

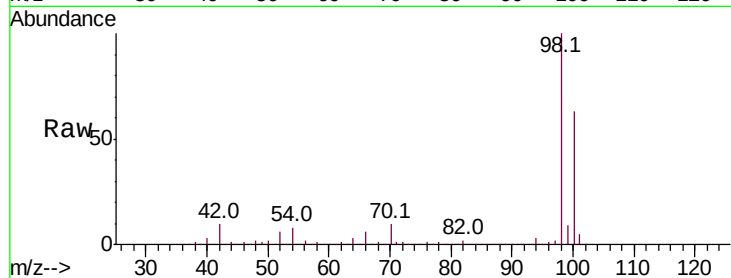
TOTE-COMP

Tot Ion: 98 Resp: 431423

Ion Ratio Lower Upper

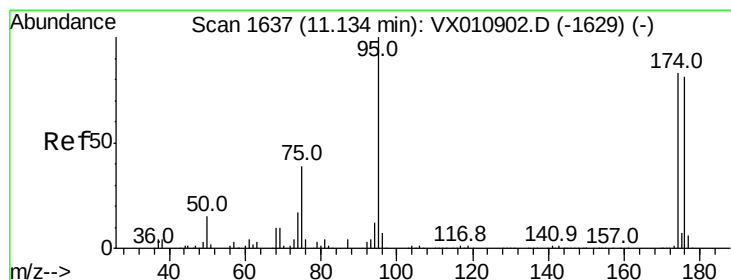
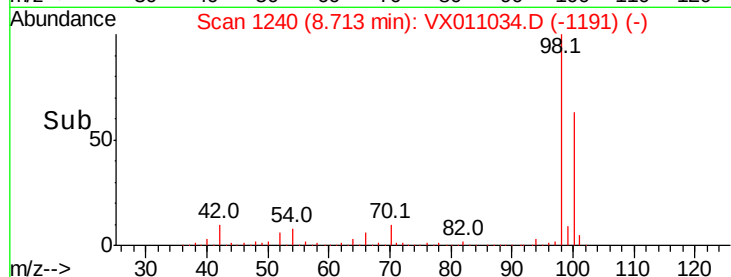
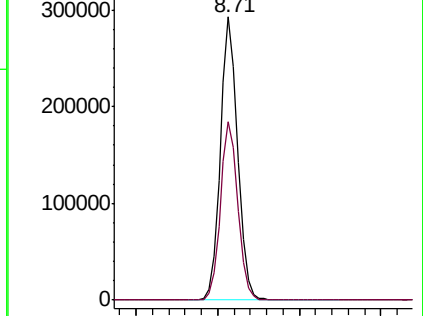
98 100

100 63.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.170 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011034.D

Acq: 22 Jul 2019 16:36

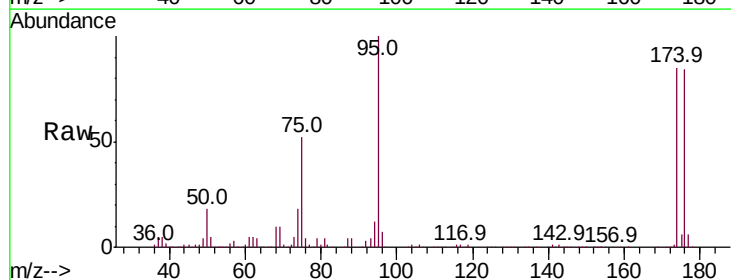
Tgt Ion: 95 Resp: 150547

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.6

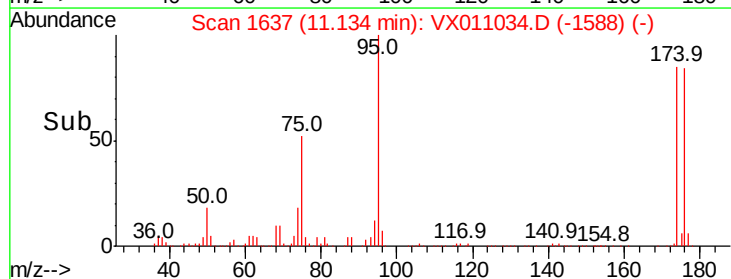
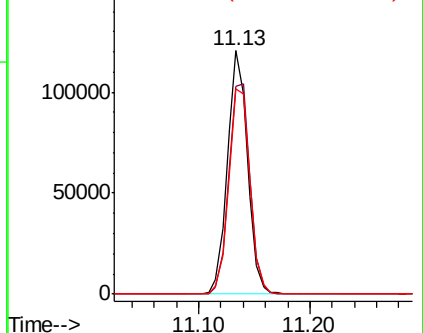
176 89.2 0.0 173.8

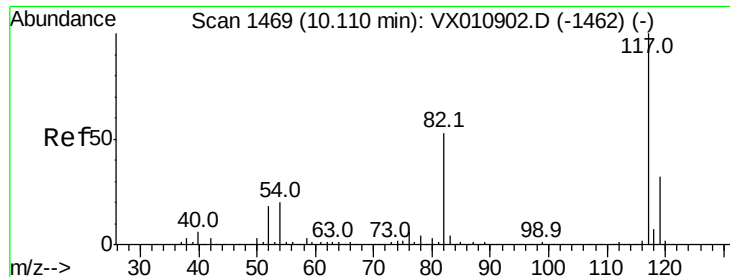


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

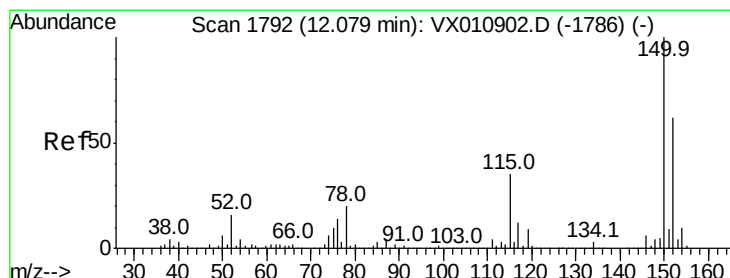
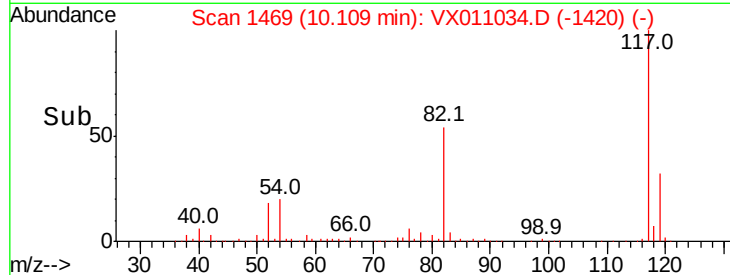
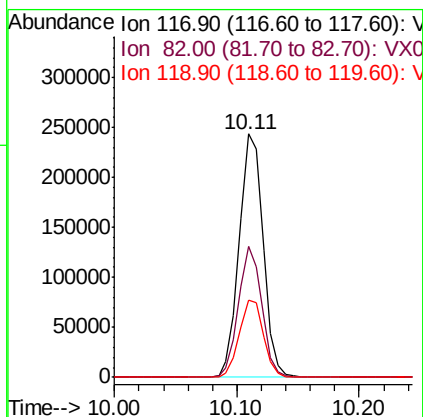
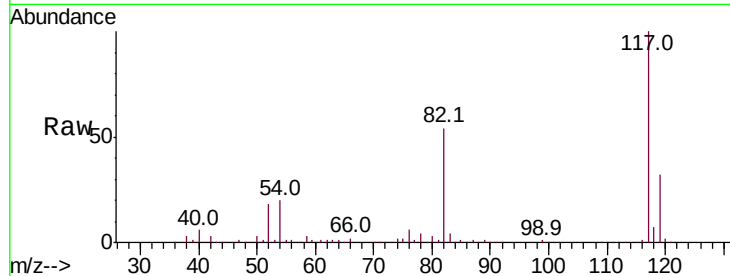




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011034.D
Acq: 22 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP

Tot Ion:117 Resp: 329893
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011034.D
Acq: 22 Jul 2019 16:36

Tgt Ion:152 Resp: 153992
Ion Ratio Lower Upper
152 100
115 55.9 39.7 119.1
150 156.2 0.0 345.6

