

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006717.D
 Acq On : 21 Dec 2018 12:22
 Operator : JC/MD
 Sample : J6519-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-122018-02

Quant Time: Dec 21 12:56:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

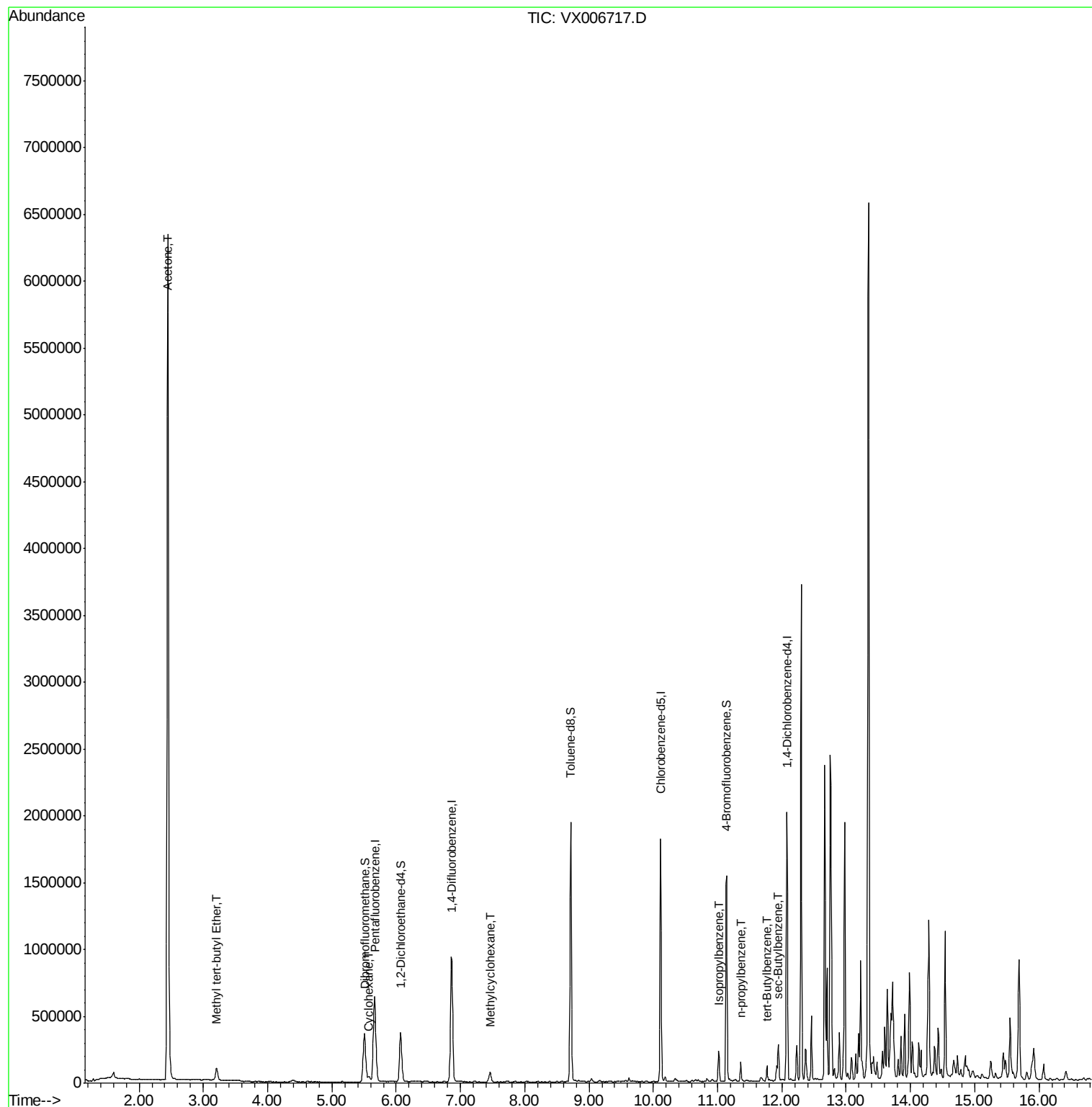
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	654617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1015114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	904852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	341712	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	5.51	113	300421	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	8.71	98	1187958	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.14	95	421730	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	6641071	2048.846	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	97973	5.047	ug/l	100
31) Cyclohexane	5.57	56	27009	2.765	ug/l	95
39) Methylcyclohexane	7.46	83	35143	3.175	ug/l	95
73) Isopropylbenzene	11.02	105	119092	4.052	ug/l	100
78) n-propylbenzene	11.36	91	83331	2.575	ug/l	99
83) tert-Butylbenzene	11.77	119	41044	1.694	ug/l	90
85) sec-Butylbenzene	11.94	105	140470	4.729	ug/l #	77

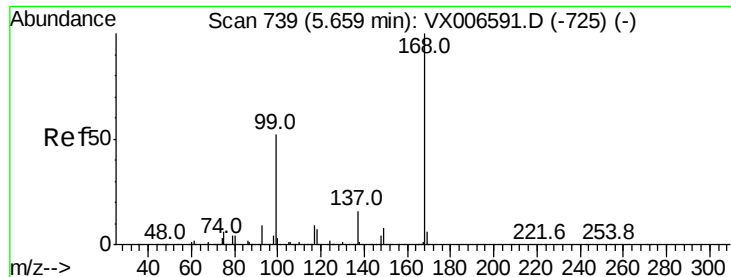
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006717.D

Acq: 21 Dec 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

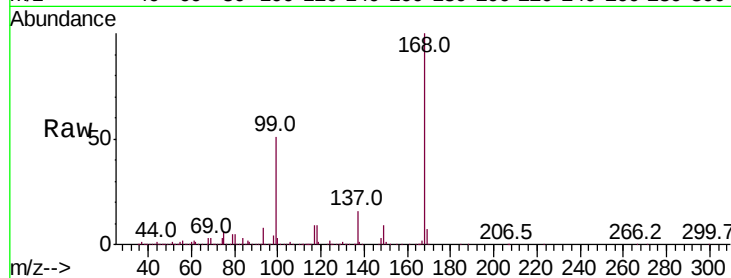
DUP-122018-02

Tot Ion:168 Resp: 654617

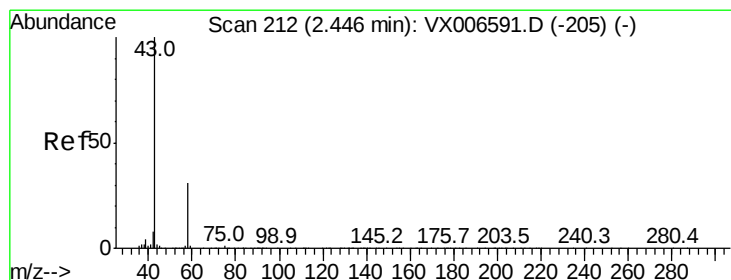
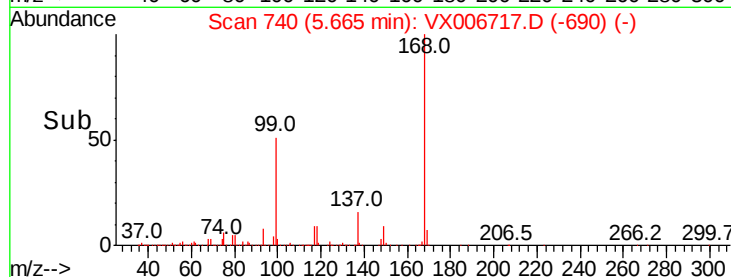
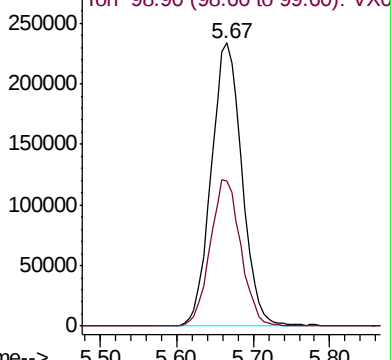
Ion Ratio Lower Upper

168 100

99 51.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006591.D (-725) (-)



#16

Acetone

Concen: 2048.846 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006717.D

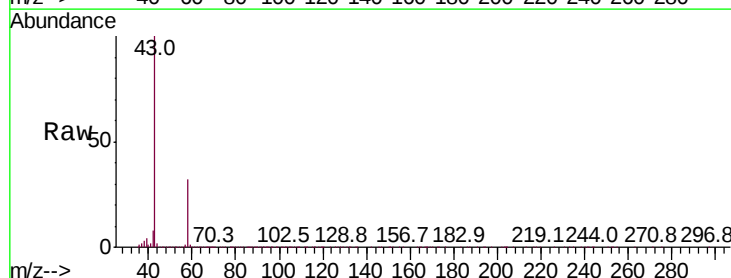
Acq: 21 Dec 2018 12:22

Tgt Ion: 43 Resp: 6641071

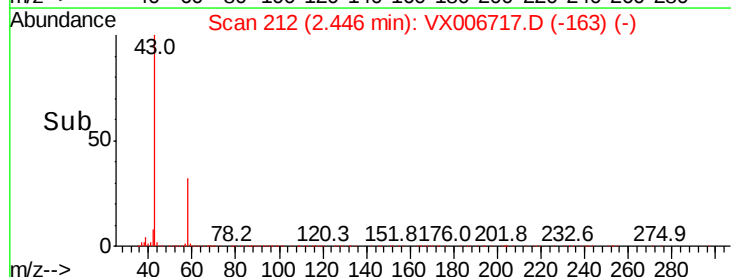
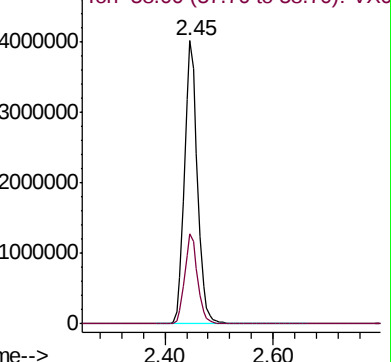
Ion Ratio Lower Upper

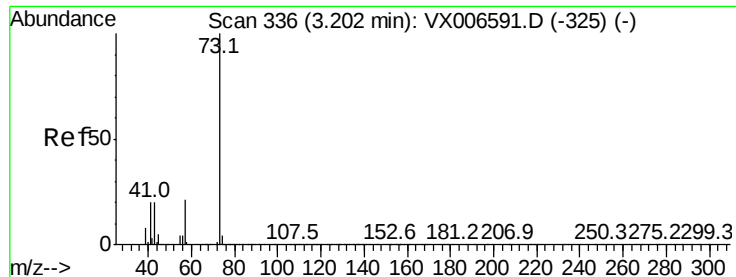
43 100

58 31.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX006591.D (-205) (-)



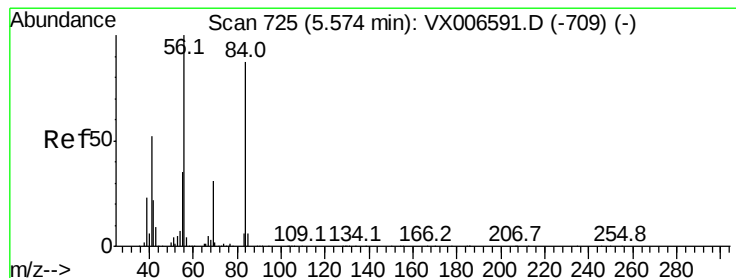
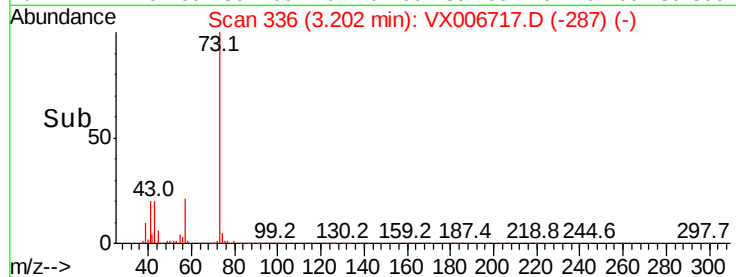
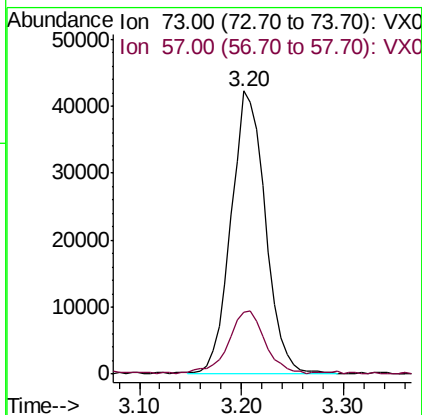
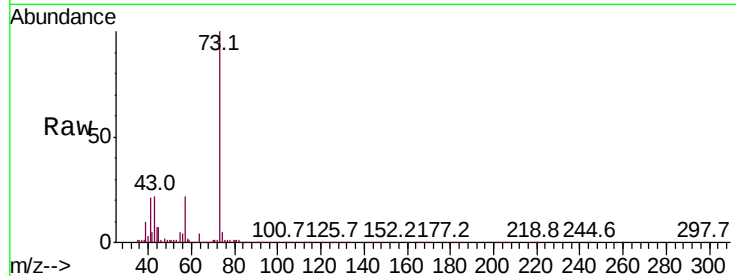


#19

Methvl tert-butvl Ether
 Concen: 5.047 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006717.D
 Acq: 21 Dec 2018 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-122018-02

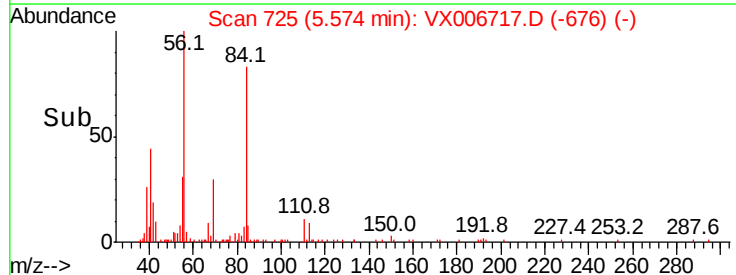
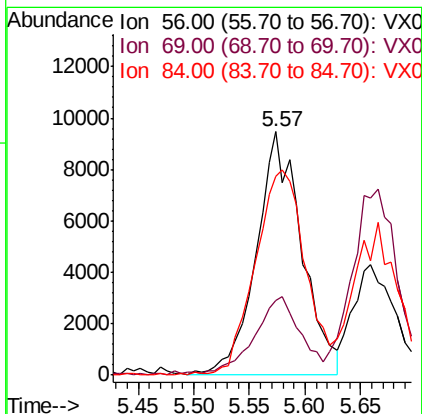
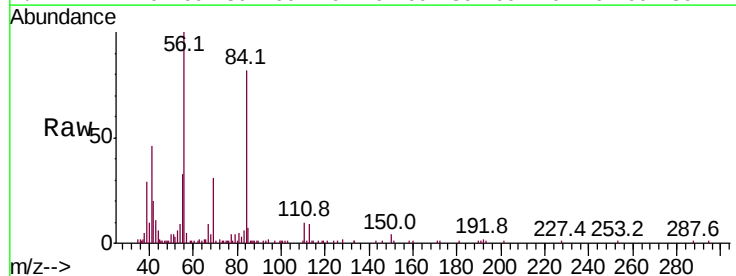
Tot Ion: 73 Resp: 97973
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.8 25.2

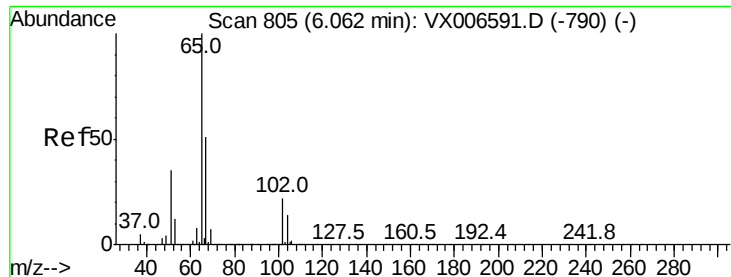


#31

Cyclohexane
 Concen: 2.765 ug/l
 RT: 5.57 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: VX006717.D
 Acq: 21 Dec 2018 12:22

Tgt Ion: 56 Resp: 27009
 Ion Ratio Lower Upper
 56 100
 69 29.6 24.4 36.6
 84 81.5 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 48.434 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006717.D

Acq: 21 Dec 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

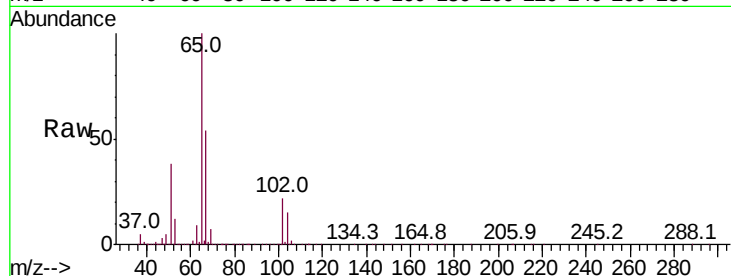
DUP-122018-02

Tot Ion: 65 Resp: 341712

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

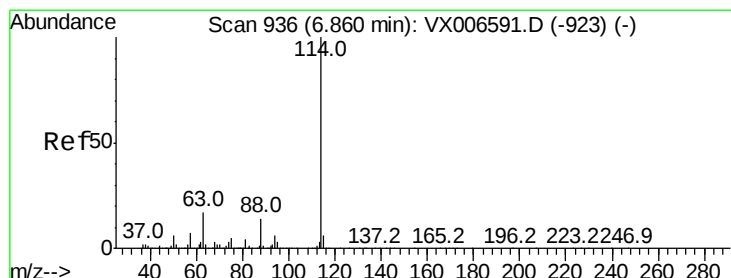
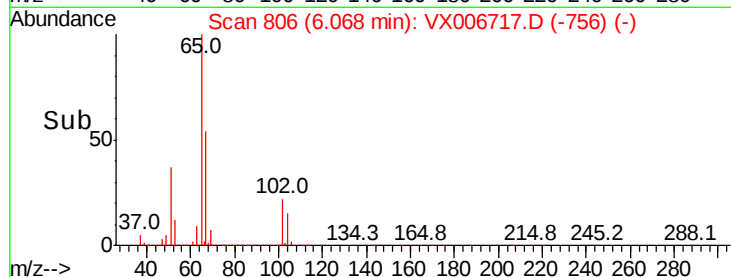
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006717.D

Acq: 21 Dec 2018 12:22

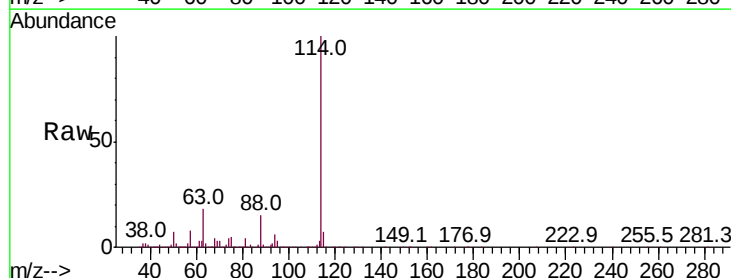
Tgt Ion:114 Resp: 1015114

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

88 15.0 0.0 28.8



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

6.86

600000

500000

400000

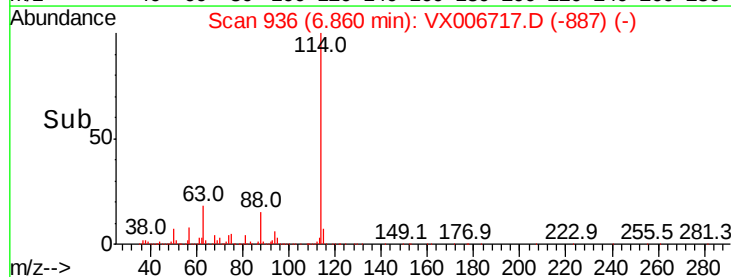
300000

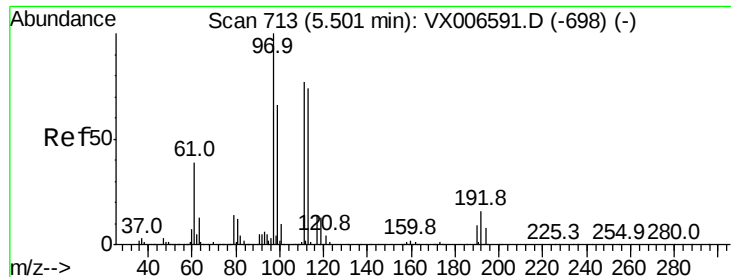
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

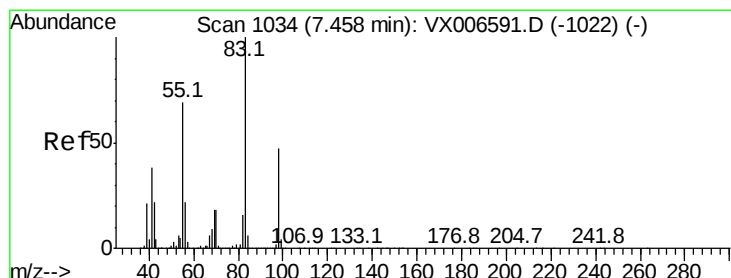
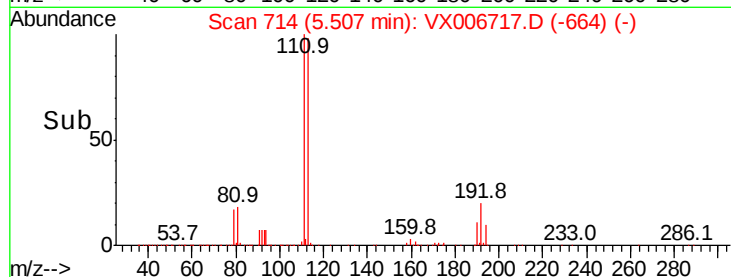
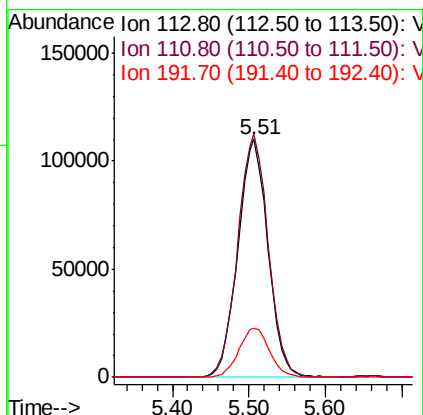
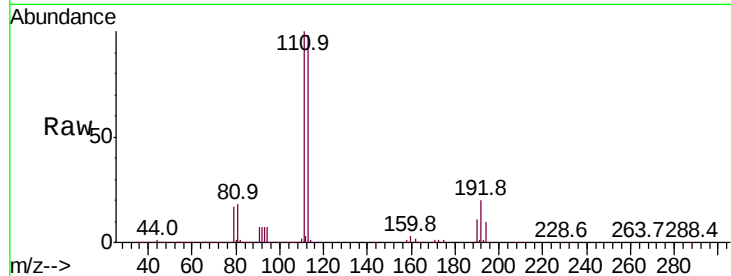




#35
 Dibromofluoromethane
 Concen: 46.799 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006717.D
 Acq: 21 Dec 2018 12:22

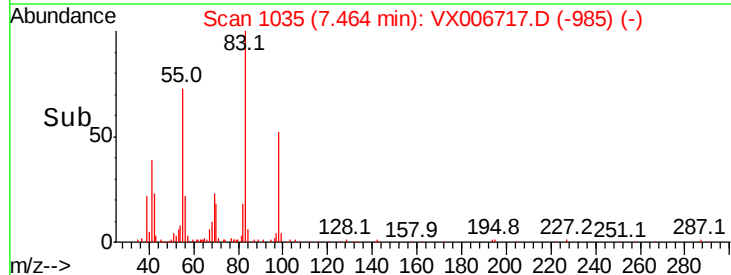
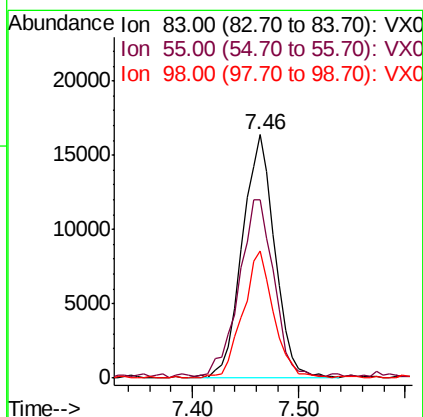
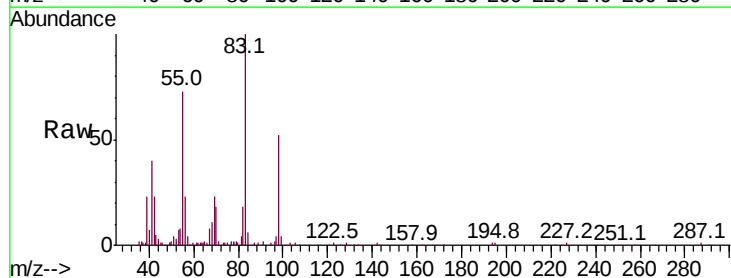
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-122018-02

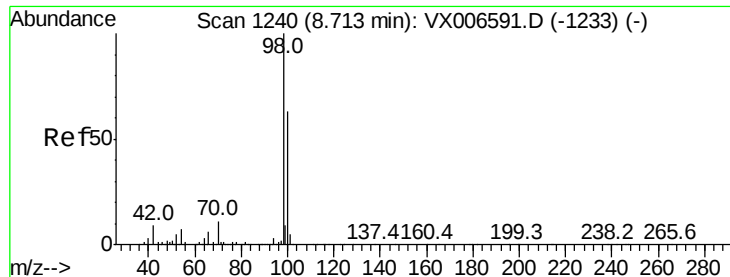
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	21.2	16.7	25.1



#39
 Methylcyclohexane
 Concen: 3.175 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX006717.D
 Acq: 21 Dec 2018 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.2	54.9	82.3
98	52.1	37.9	56.9





#50

Toluene-d8

Concen: 49.086 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006717.D

Acq: 21 Dec 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

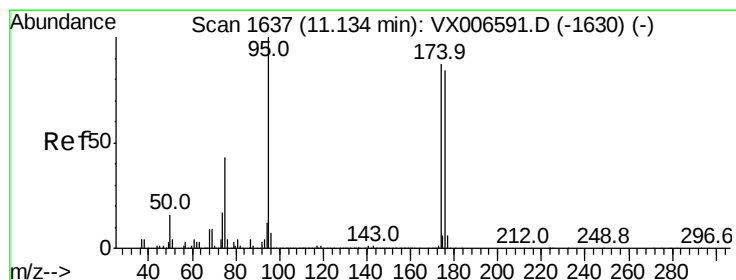
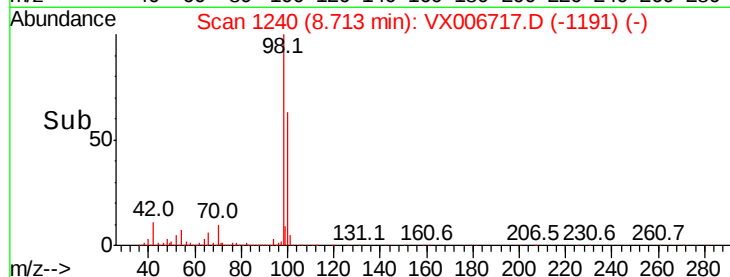
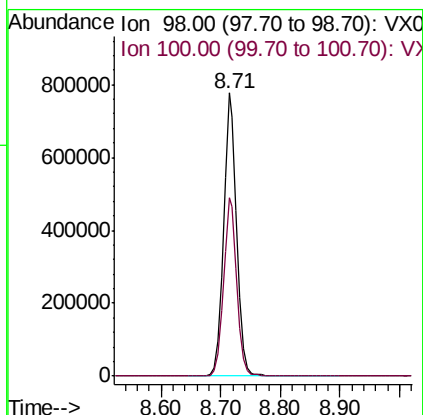
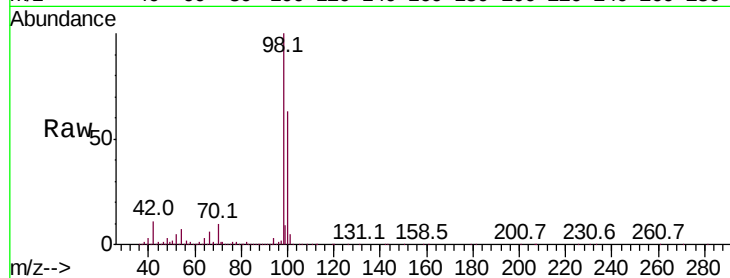
DUP-122018-02

Tot Ion: 98 Resp: 1187958

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.580 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006717.D

Acq: 21 Dec 2018 12:22

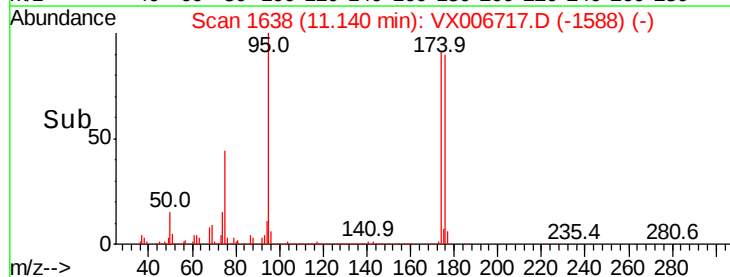
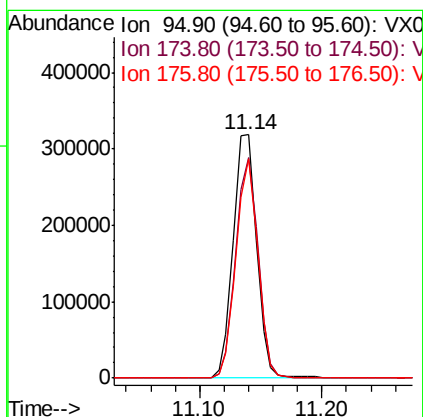
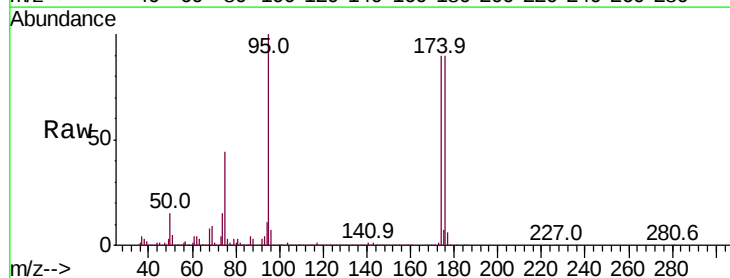
Tgt Ion: 95 Resp: 421730

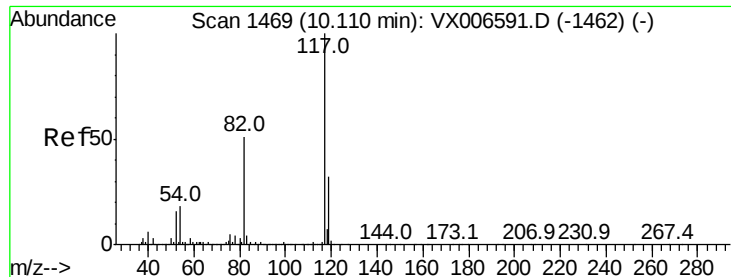
Ion Ratio Lower Upper

95 100

174 86.8 0.0 182.2

176 84.5 0.0 178.8

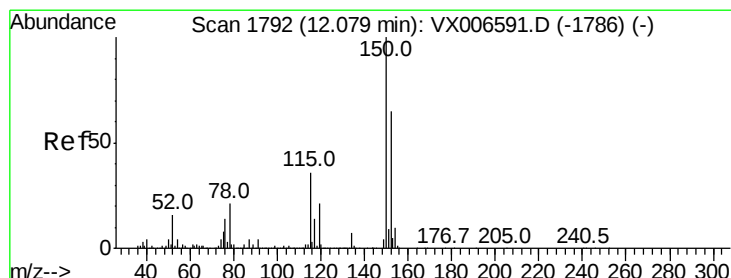
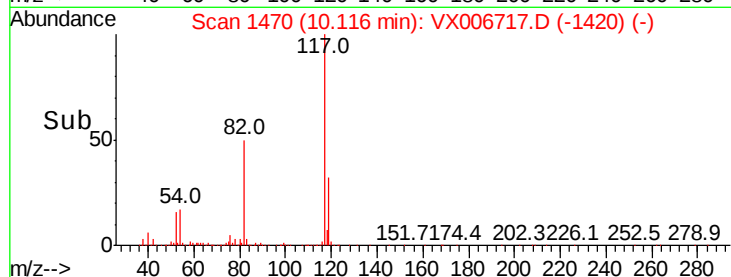
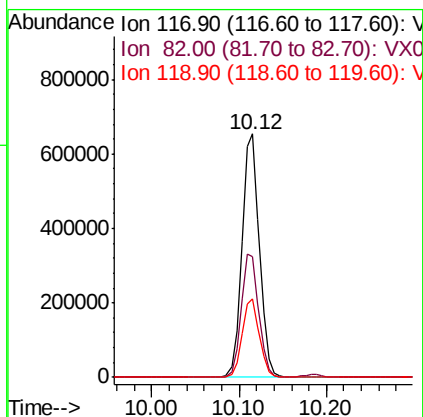
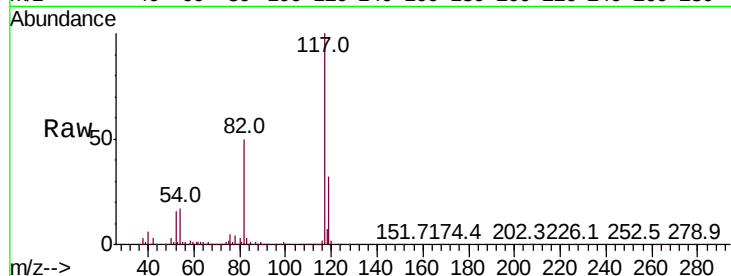




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006717.D
Acq: 21 Dec 2018 12:22

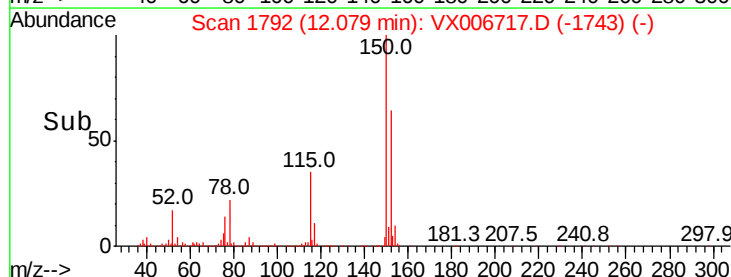
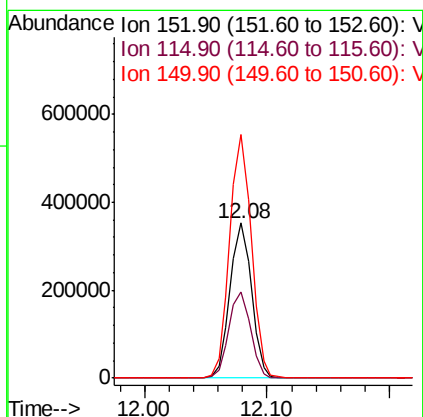
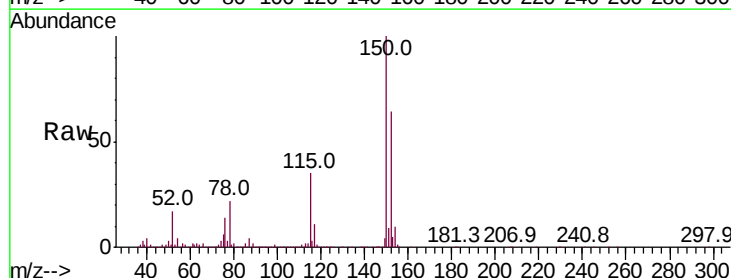
Instrument :
MSVOA_X
ClientSampleId :
DUP-122018-02

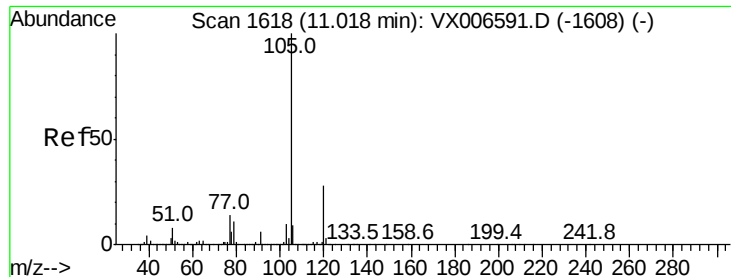
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.0	61.6
119	32.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006717.D
Acq: 21 Dec 2018 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.1	117.2
150	157.8	0.0	344.8





#73

Isopropylbenzene

Concen: 4.052 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006717.D

Acq: 21 Dec 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

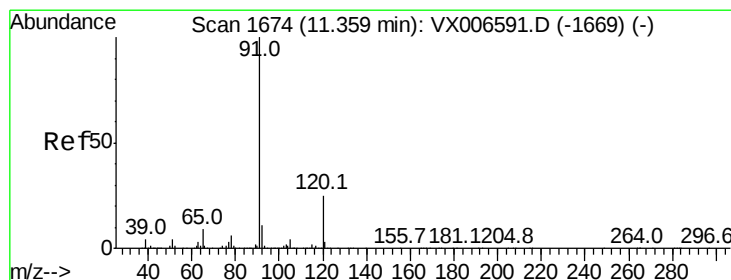
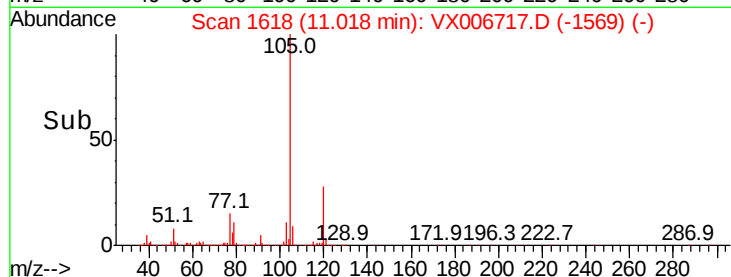
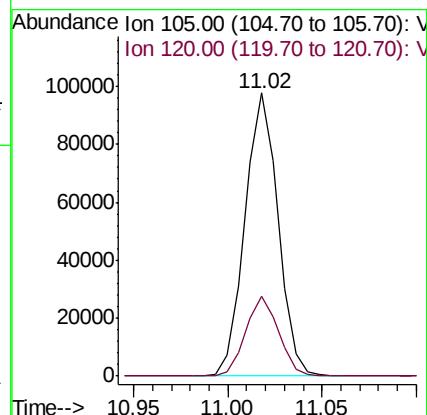
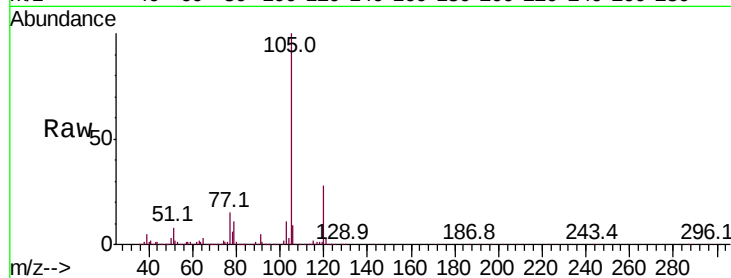
DUP-122018-02

Tot Ion:105 Resp: 119092

Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.4



#78

n-propylbenzene

Concen: 2.575 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006717.D

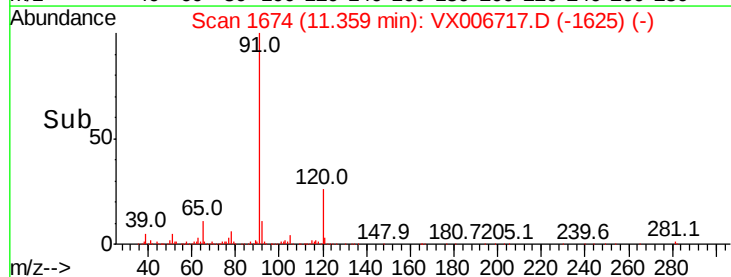
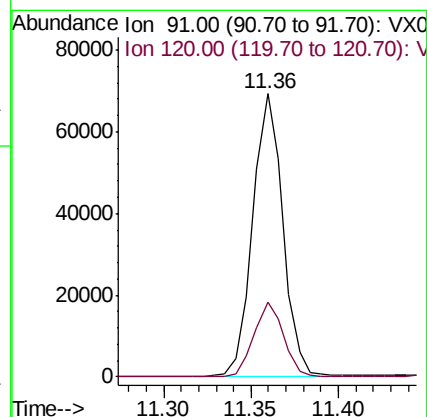
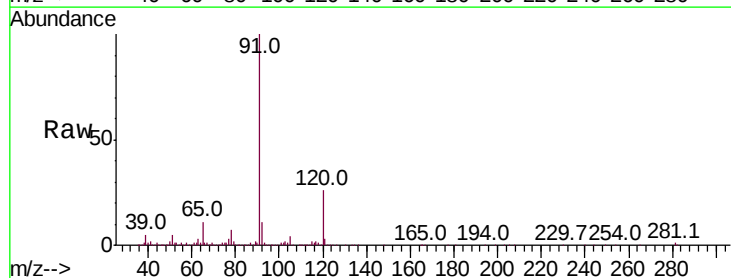
Acq: 21 Dec 2018 12:22

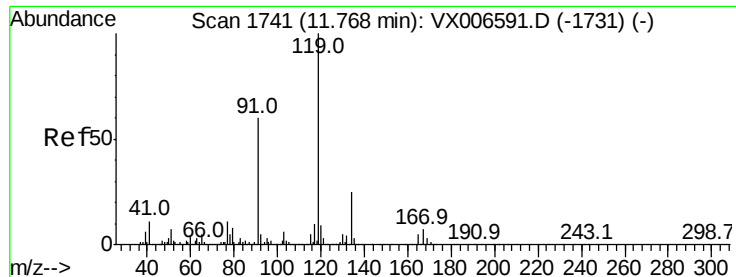
Tgt Ion: 91 Resp: 83331

Ion Ratio Lower Upper

91 100

120 26.0 12.7 38.0





#83

tert-Butylbenzene

Concen: 1.694 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006717.D

Acq: 21 Dec 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

DUP-122018-02

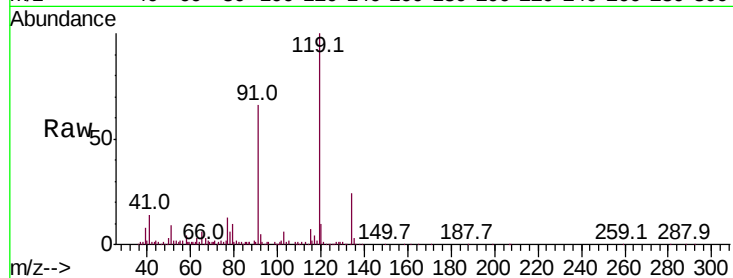
Tot Ion:119 Resp: 41044

Ion Ratio Lower Upper

119 100

91 64.6 27.7 83.1

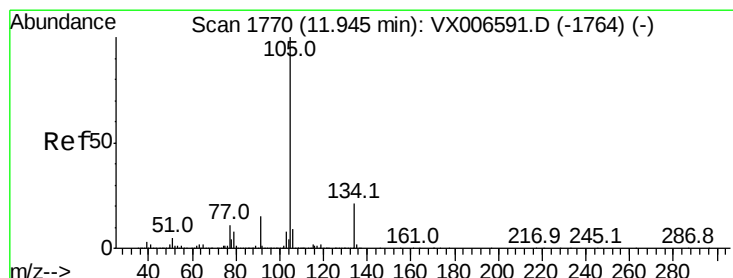
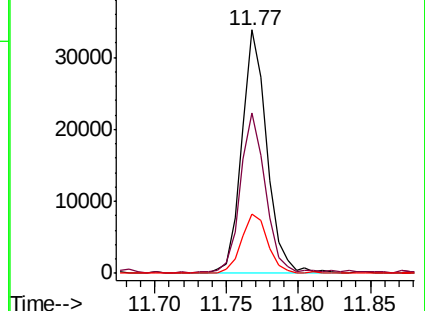
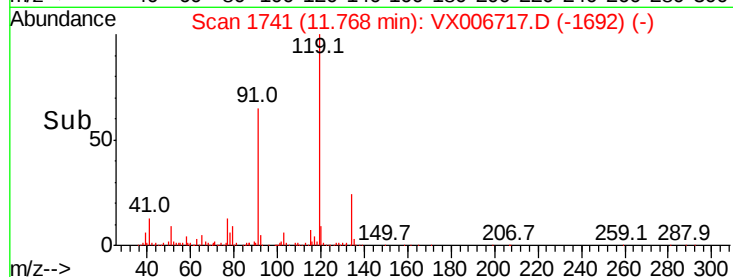
134 25.5 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 4.729 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006717.D

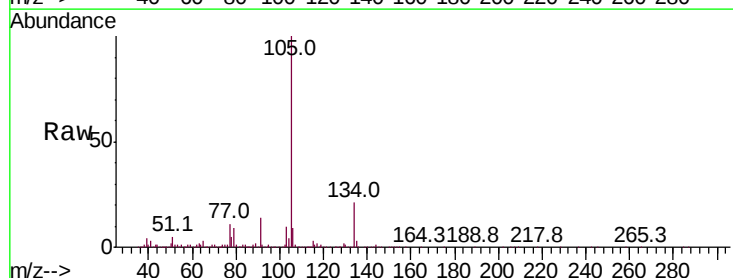
Acq: 21 Dec 2018 12:22

Tgt Ion:105 Resp: 140470

Ion Ratio Lower Upper

105 100

134 32.1 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

