

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003154.D
 Acq On : 03 Jul 2018 17:39
 Operator : JC/MD
 Sample : J3754-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0145

Quant Time: Jul 05 09:40:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191533	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	167756	45.82	ug/l	0.01
Spiked Amount			Recovery	=	91.64%	
35) Dibromofluoromethane	5.51	113	140998	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
50) Toluene-d8	8.72	98	508568	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	181613	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	

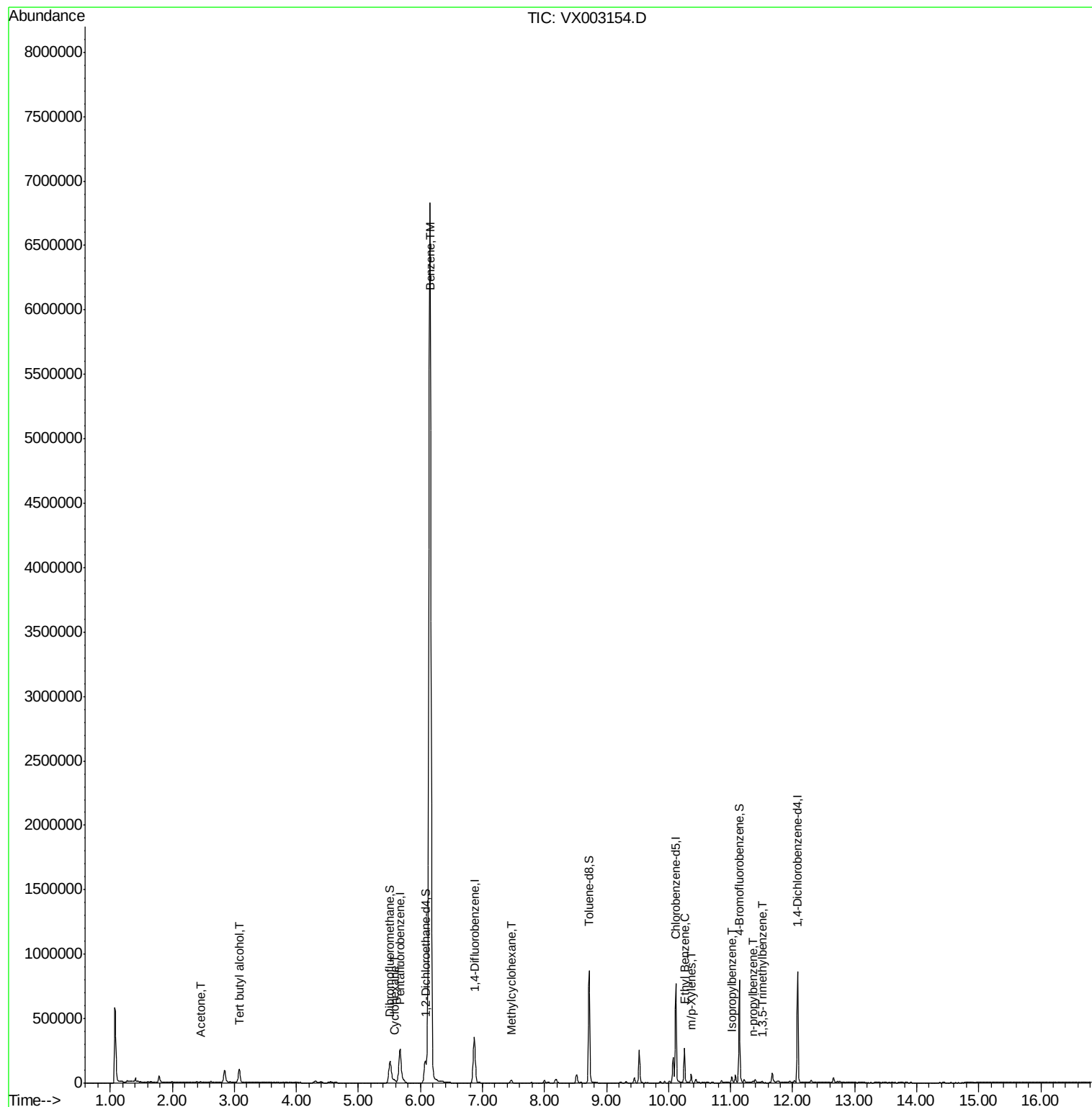
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.08	59	124496	170.694	ug/l	100
16) Acetone	2.45	43	5540	3.654	ug/l	92
31) Cyclohexane	5.58	56	16169	3.522	ug/l	98
39) Methylcyclohexane	7.46	83	8853	1.901	ug/l	97
40) Benzene	6.15	78	8064287	694.327	ug/l	99
67) Ethyl Benzene	10.26	91	149944	10.460	ug/l	99
68) m/p-Xylenes	10.37	106	15336	2.776	ug/l	92
73) Isopropylbenzene	11.02	105	21909	1.700	ug/l	99
78) n-propylbenzene	11.36	91	7630	0.520	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	4046	0.373	ug/l	96

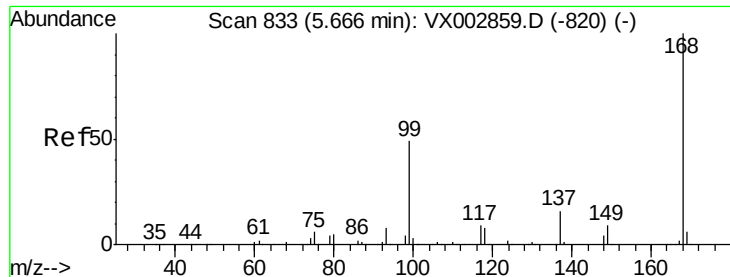
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003154.D

Acq: 03 Jul 2018 17:39

Instrument :

MSVOA_X

ClientSampled :

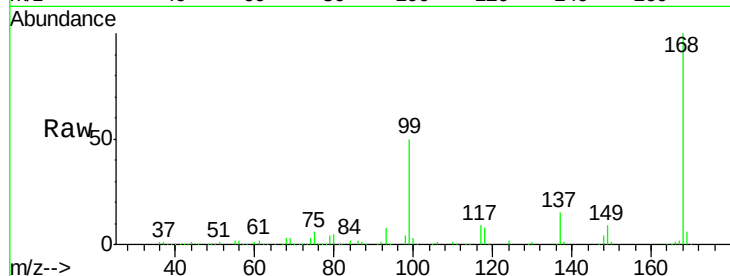
S10-0145

Tot Ion:168 Resp: 264885

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

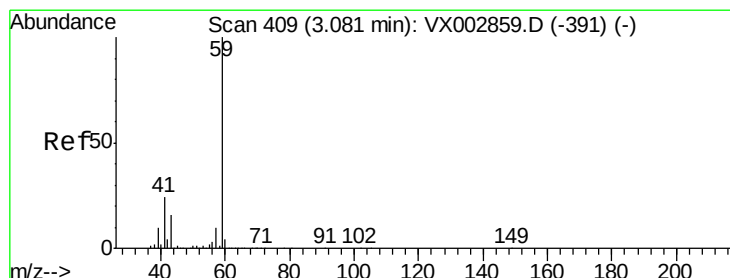
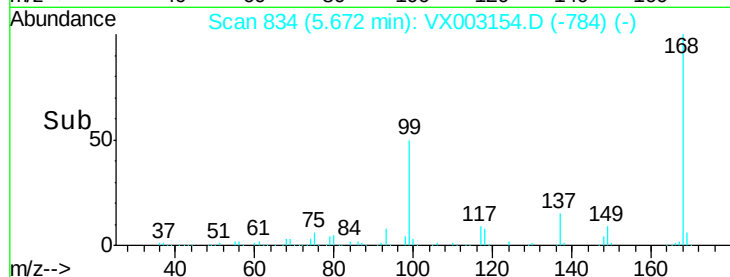
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 170.694 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX003154.D

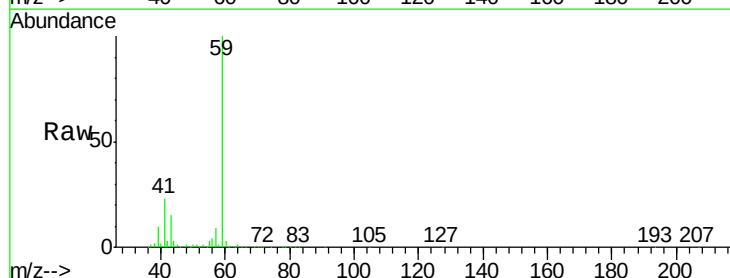
Acq: 03 Jul 2018 17:39

Tgt Ion: 59 Resp: 124496

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

60000

50000

40000

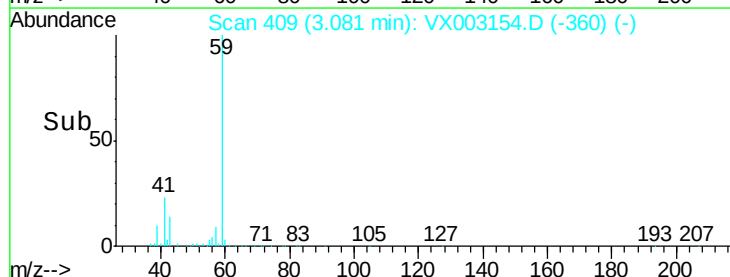
30000

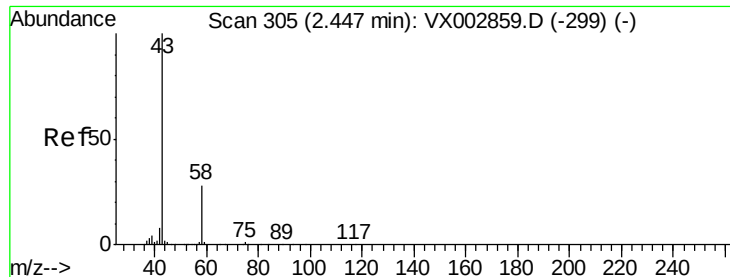
20000

10000

0

Time--> 3.00 3.10 3.20





#16

Acetone

Concen: 3.654 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003154.D

Acq: 03 Jul 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

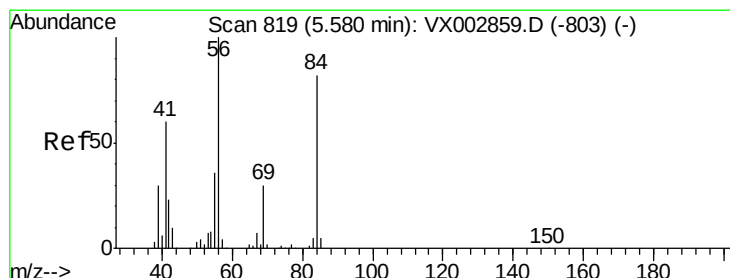
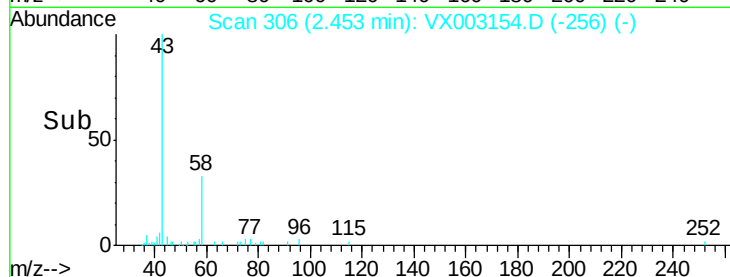
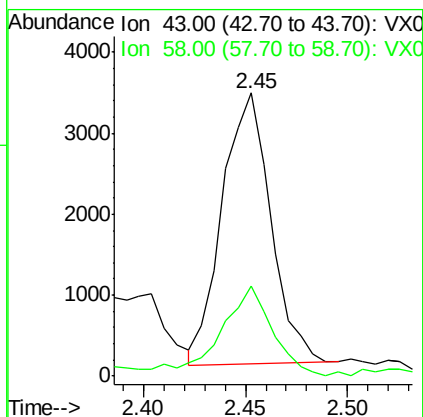
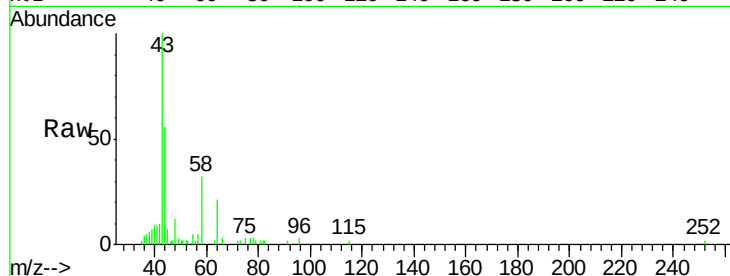
S10-0145

Tot Ion: 43 Resp: 5540

Ion Ratio Lower Upper

43 100

58 31.7 22.1 33.1



#31

Cyclohexane

Concen: 3.522 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003154.D

Acq: 03 Jul 2018 17:39

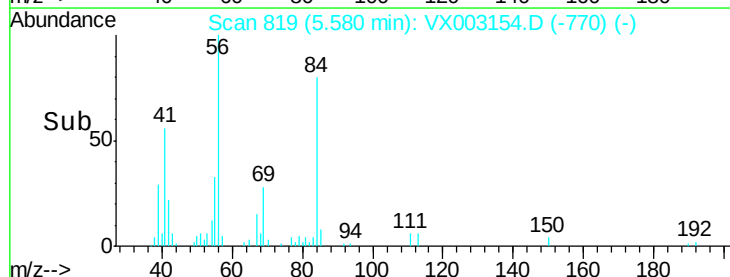
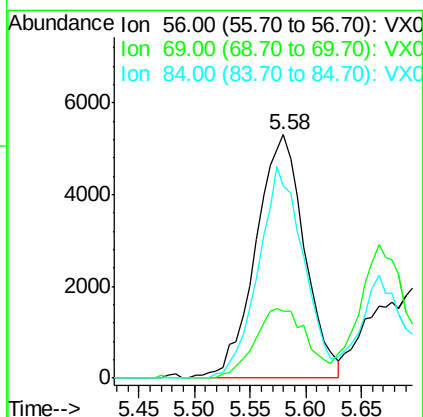
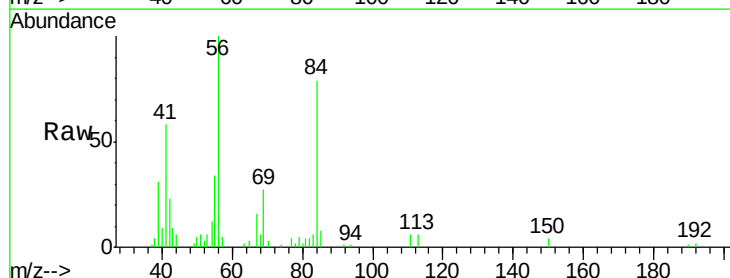
Tgt Ion: 56 Resp: 16169

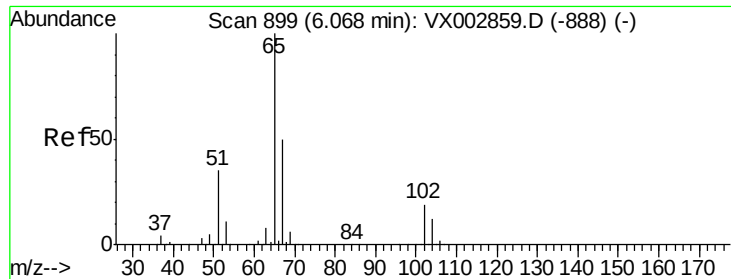
Ion Ratio Lower Upper

56 100

69 27.5 23.7 35.5

84 79.3 64.1 96.1

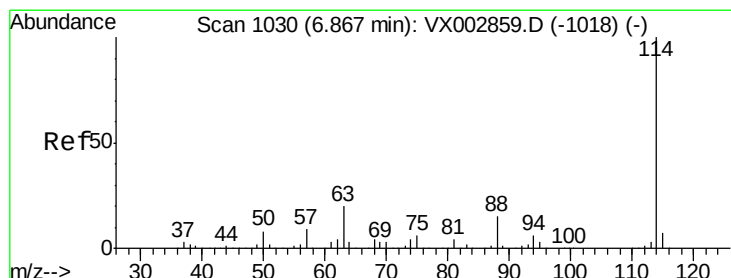
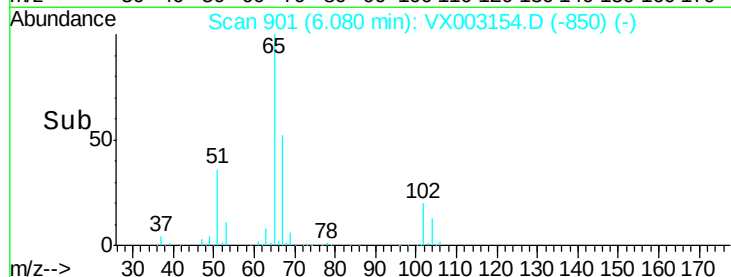
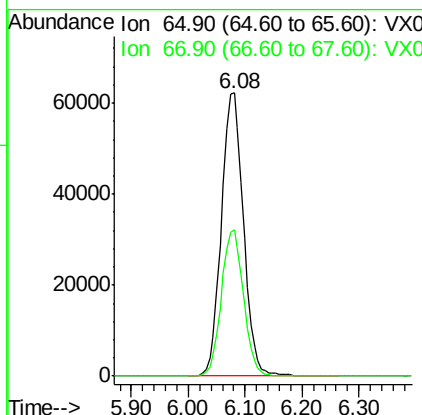
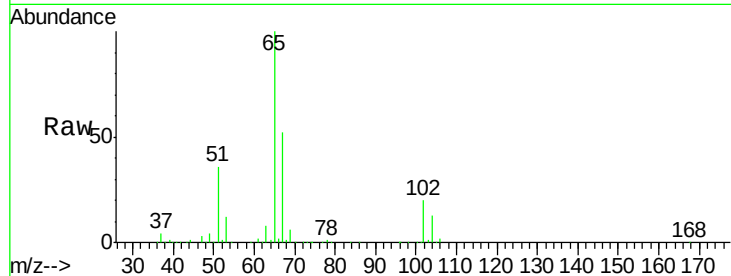




#33
 1,2-Dichloroethane-d4
 Concen: 45.819 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003154.D
 Acq: 03 Jul 2018 17:39

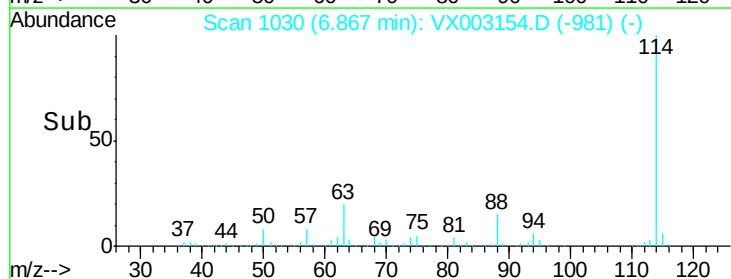
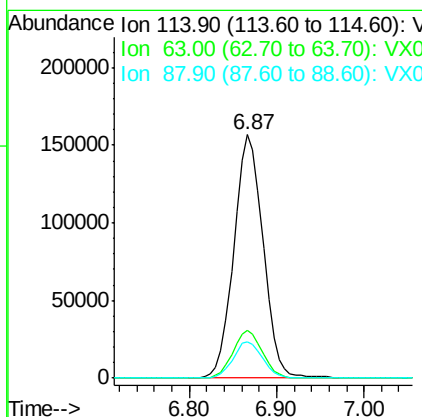
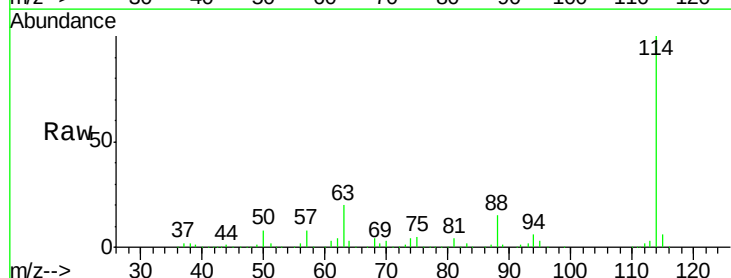
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0145

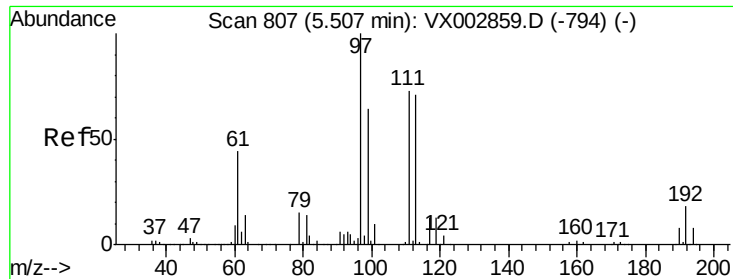
Tot Ion: 65 Resp: 167756
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003154.D
 Acq: 03 Jul 2018 17:39

Tgt Ion: 114 Resp: 364514
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 14.8 0.0 30.0

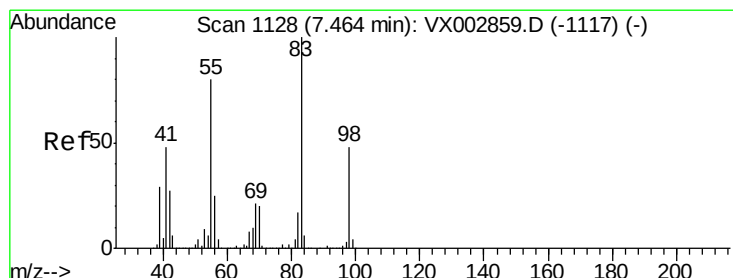
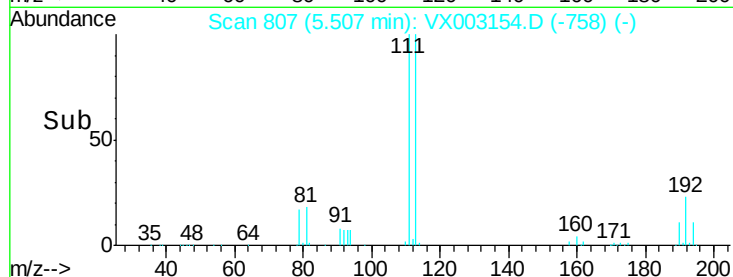
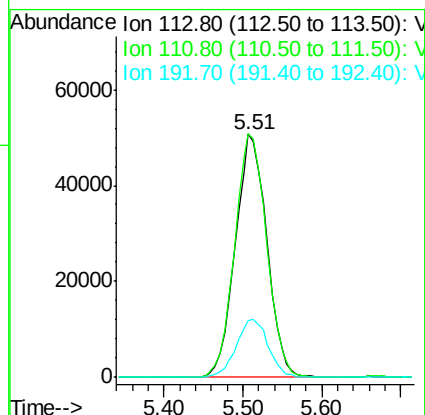
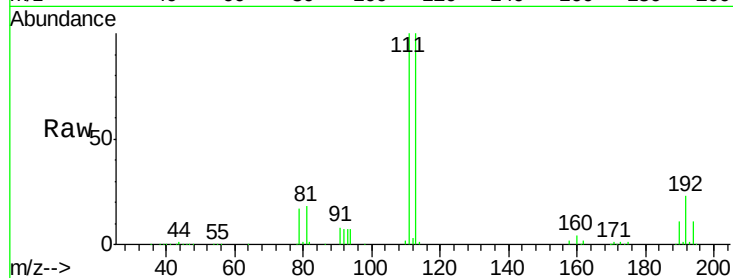




#35
 Dibromofluoromethane
 Concen: 48.845 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003154.D
 Acq: 03 Jul 2018 17:39

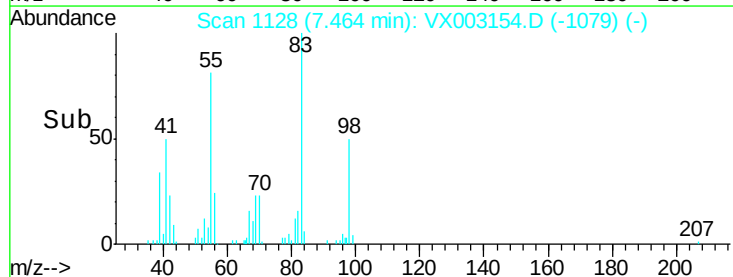
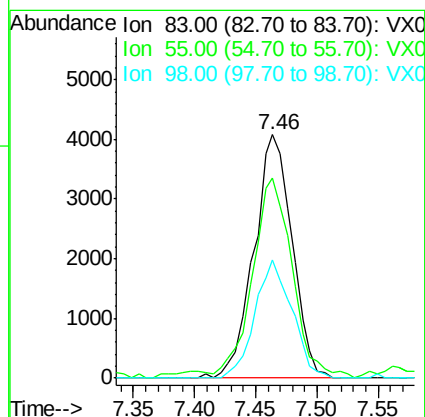
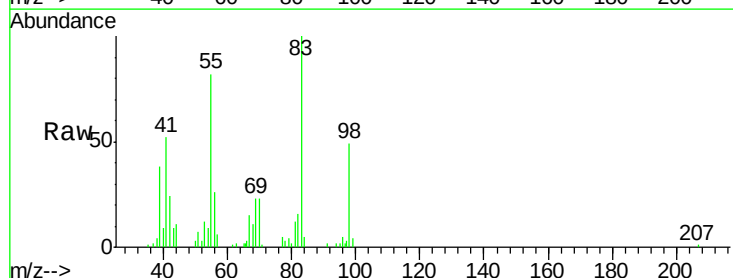
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0145

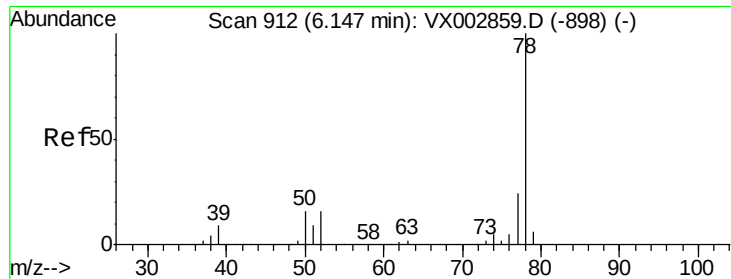
Tot Ion:113 Resp: 140998
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 24.4 19.1 28.7



#39
 Methylcyclohexane
 Concen: 1.901 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX003154.D
 Acq: 03 Jul 2018 17:39

Tgt Ion: 83 Resp: 8853
 Ion Ratio Lower Upper
 83 100
 55 79.4 65.4 98.0
 98 48.7 37.4 56.0





#40

Benzene

Concen: 694.327 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003154.D

Acq: 03 Jul 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

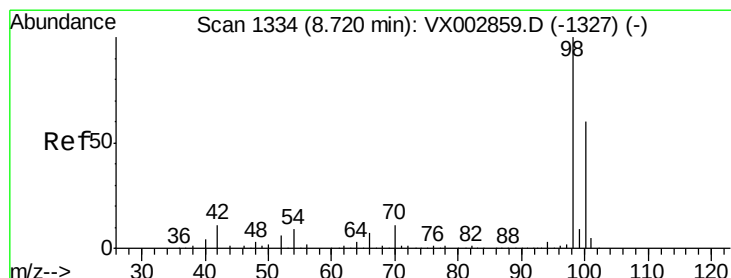
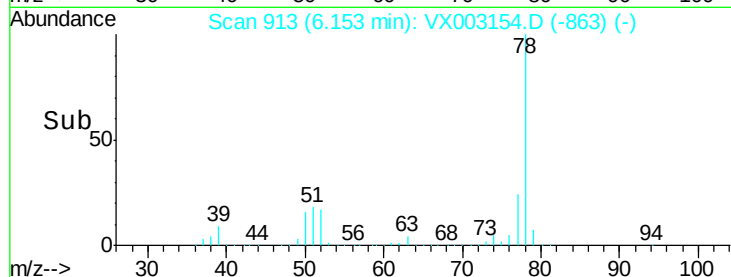
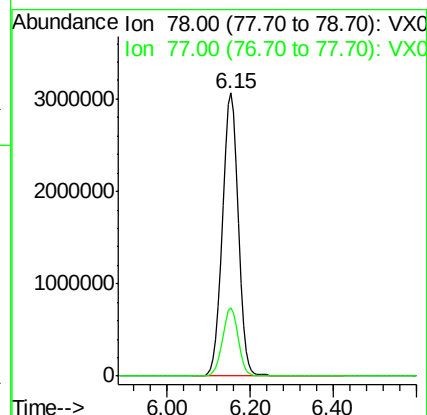
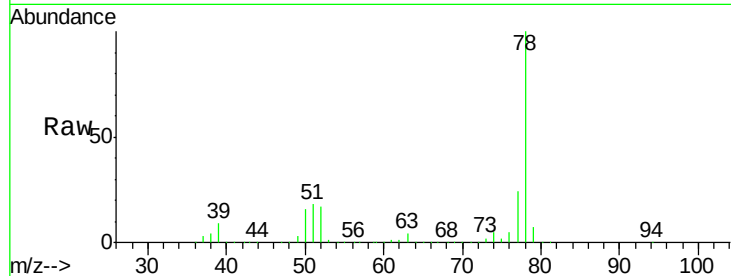
S10-0145

Tot Ion: 78 Resp: 8064287

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



#50

Toluene-d8

Concen: 48.246 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003154.D

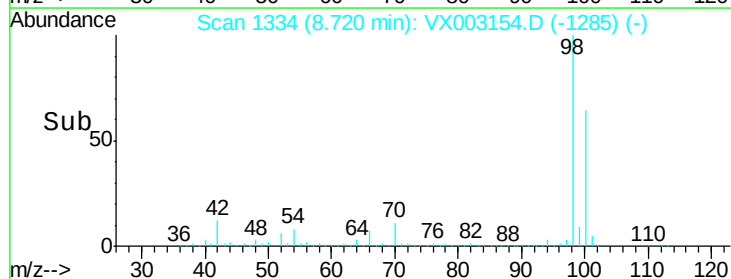
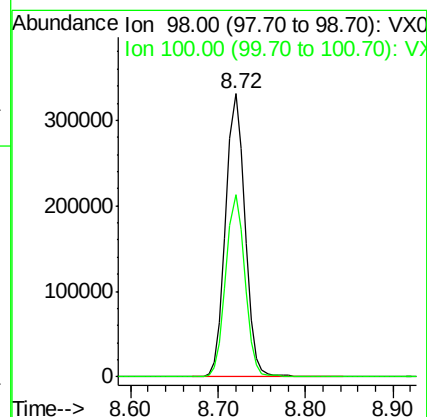
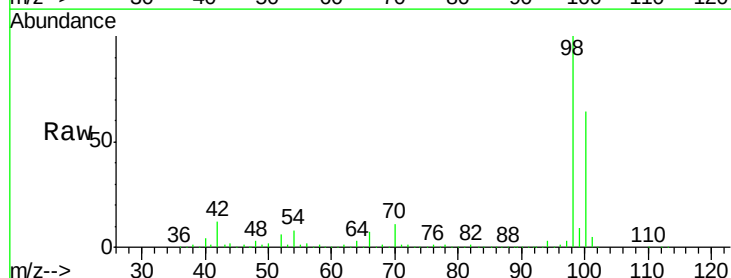
Acq: 03 Jul 2018 17:39

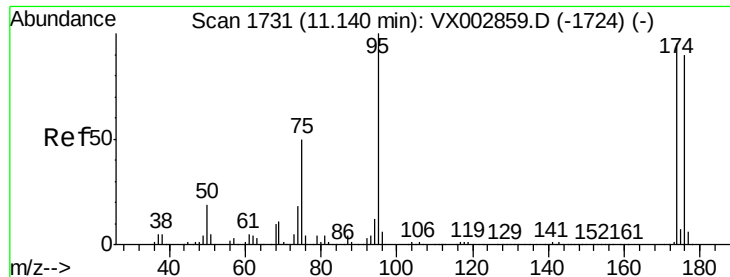
Tgt Ion: 98 Resp: 508568

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3

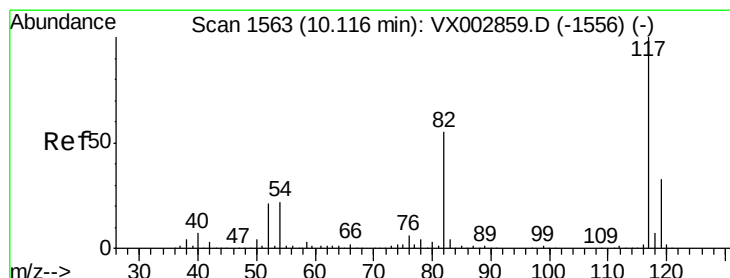
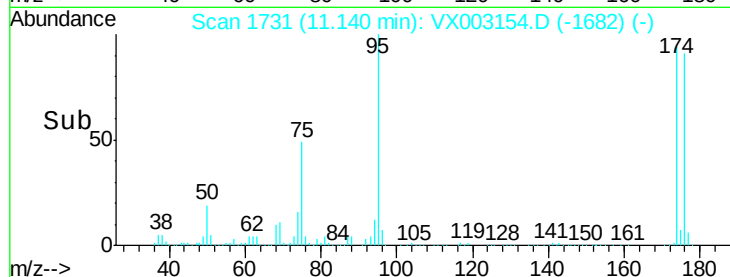
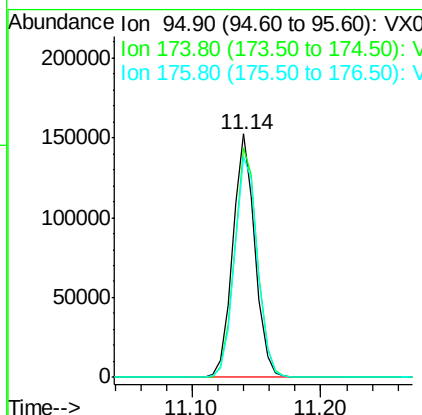
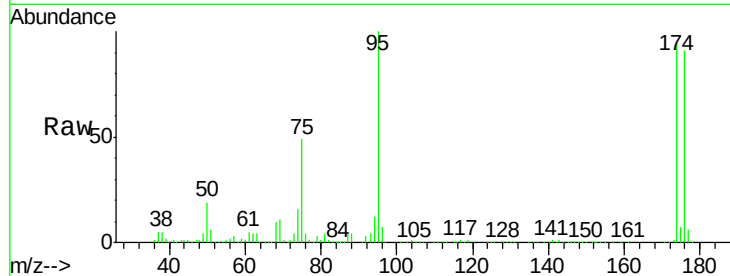




#62
4-Bromofluorobenzene
Concen: 44.674 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003154.D
Acq: 03 Jul 2018 17:39

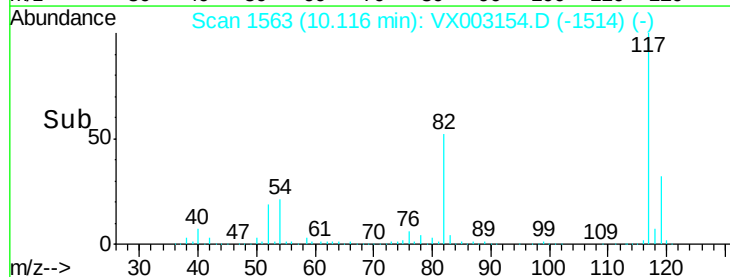
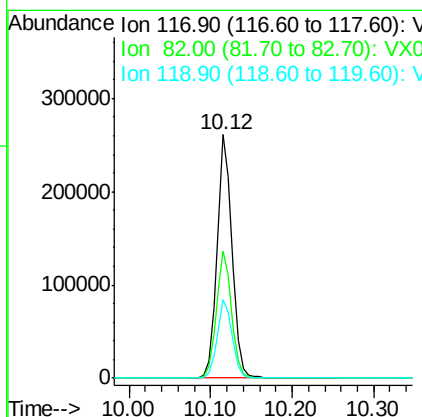
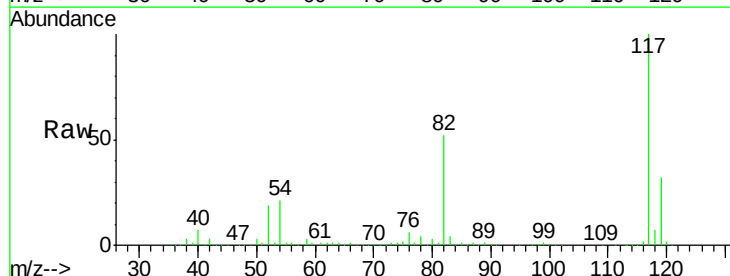
Instrument :
MSVOA_X
ClientSampleId :
S10-0145

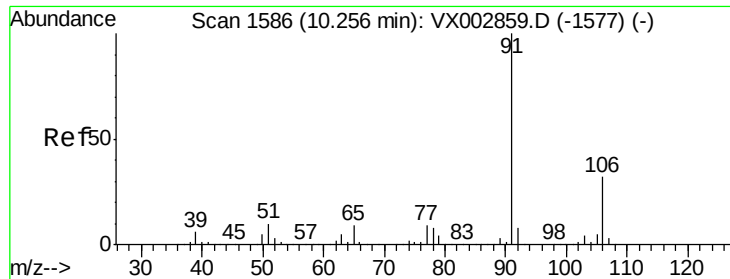
Tot Ion: 95 Resp: 181613
Ion Ratio Lower Upper
95 100
174 98.3 0.0 187.4
176 95.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003154.D
Acq: 03 Jul 2018 17:39

Tgt Ion: 117 Resp: 341633
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.3 25.8 38.6





#67

Ethyl Benzene

Concen: 10.460 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003154.D

Acq: 03 Jul 2018 17:39

Instrument :

MSVOA_X

ClientSampled :

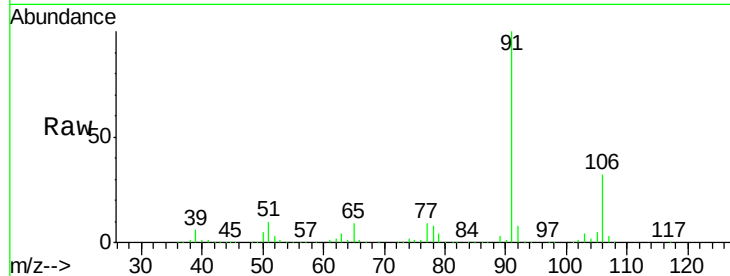
S10-0145

Tot Ion: 91 Resp: 149944

Ion Ratio Lower Upper

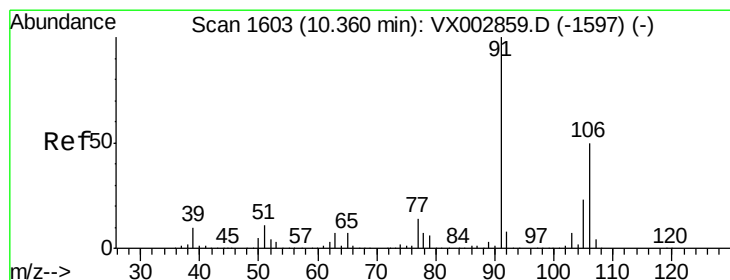
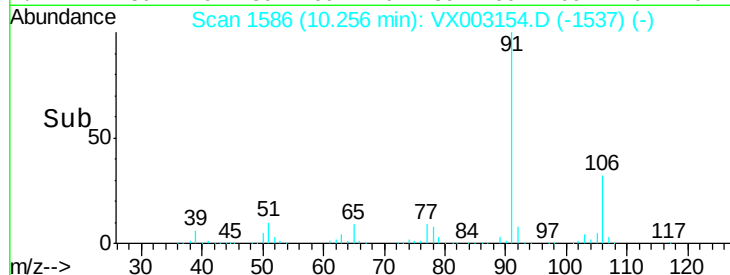
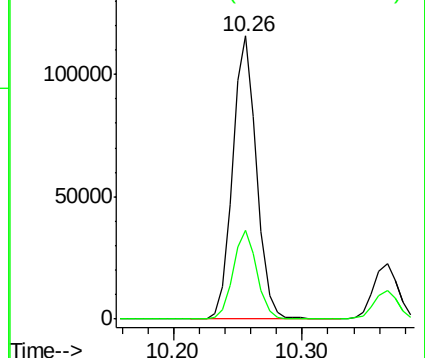
91 100

106 31.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 2.776 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003154.D

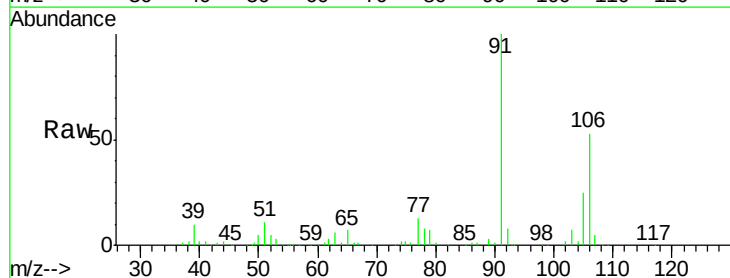
Acq: 03 Jul 2018 17:39

Tgt Ion:106 Resp: 15336

Ion Ratio Lower Upper

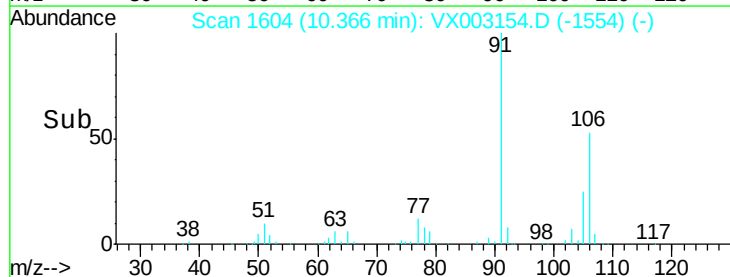
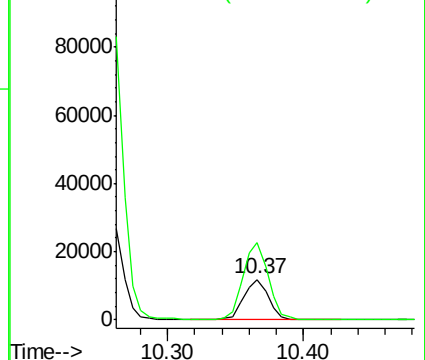
106 100

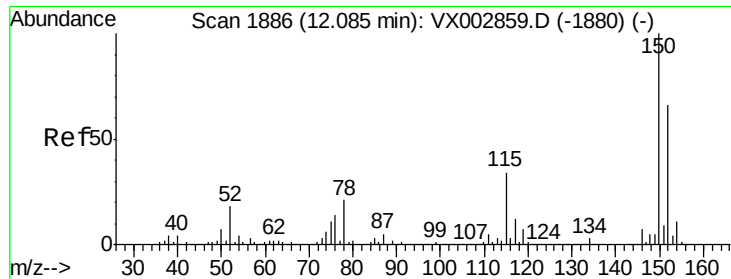
91 192.2 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003154.D

Acq: 03 Jul 2018 17:39

Instrument :

MSVOA_X

ClientSampled :

S10-0145

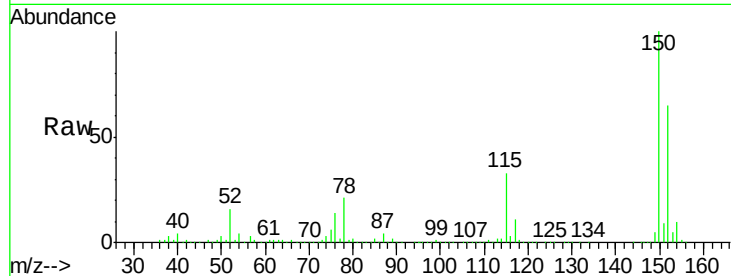
Tot Ion:152 Resp: 191533

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

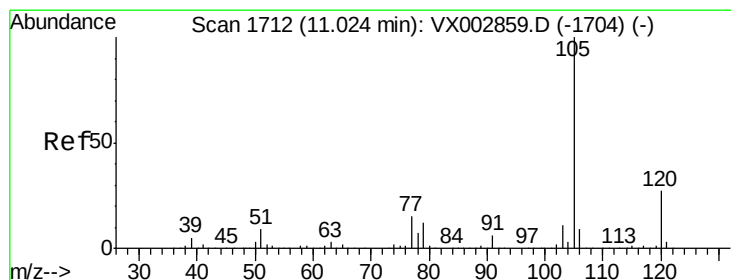
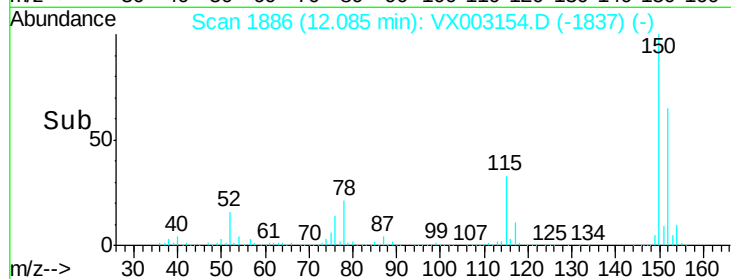
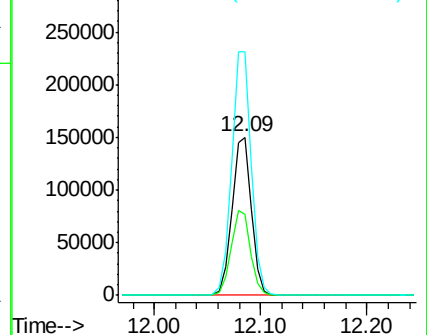
150 155.4 0.0 347.2



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



#73

Isopropylbenzene

Concen: 1.700 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003154.D

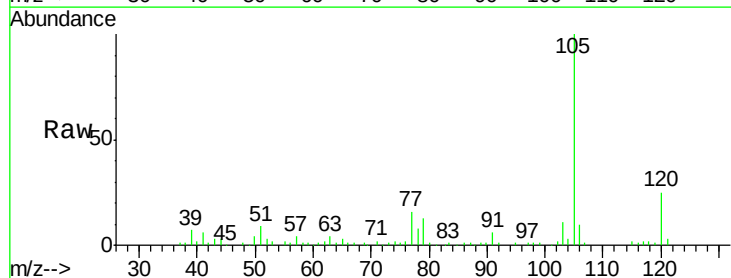
Acq: 03 Jul 2018 17:39

Tgt Ion:105 Resp: 21909

Ion Ratio Lower Upper

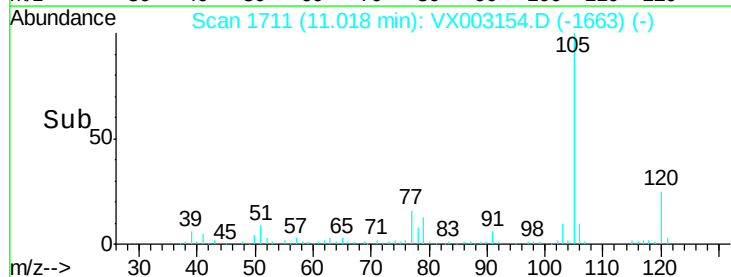
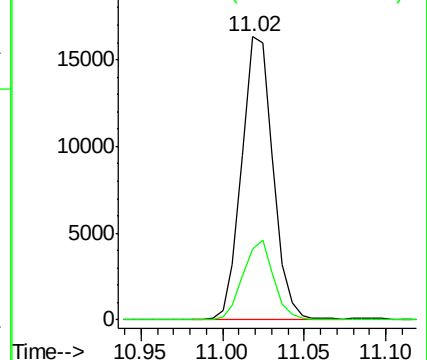
105 100

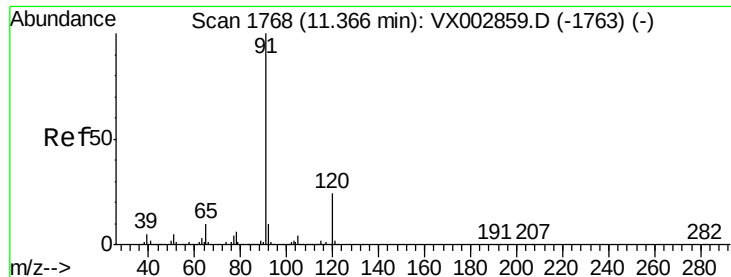
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.520 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003154.D

Acq: 03 Jul 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

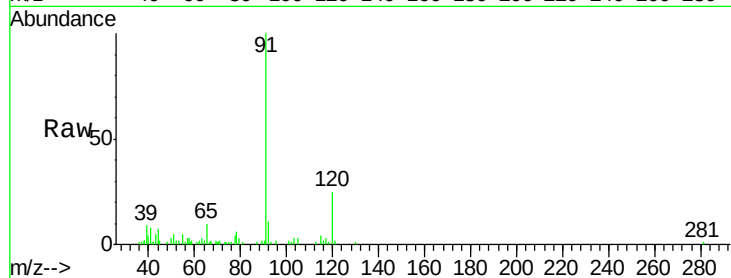
S10-0145

Tot Ion: 91 Resp: 7630

Ion Ratio Lower Upper

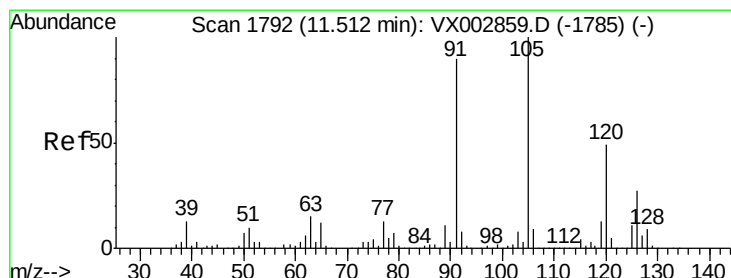
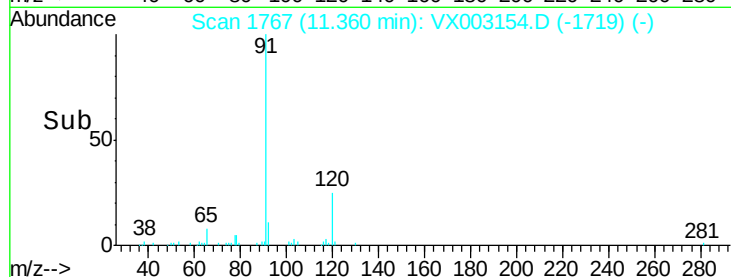
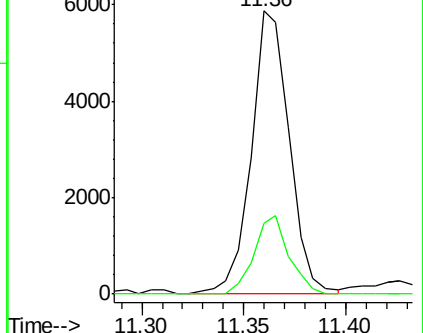
91 100

120 25.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1763) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1763) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.373 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003154.D

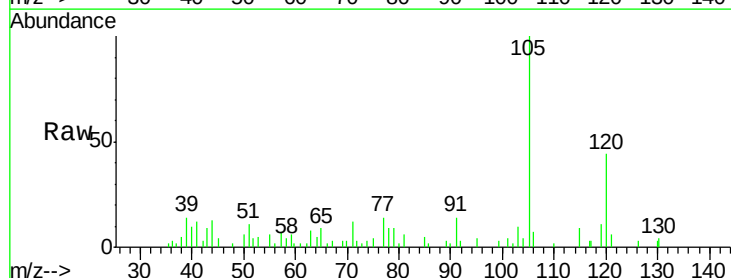
Acq: 03 Jul 2018 17:39

Tgt Ion: 105 Resp: 4046

Ion Ratio Lower Upper

105 100

120 46.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)

