

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007268.D
 Acq On : 28 Jan 2019 18:32
 Operator : JC/SP
 Sample : K1250-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3

Quant Time: Jan 29 01:15:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	420927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	518269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	86132	19.58	ug/l	0.00
Spiked Amount			Recovery	=	39.16%	
35) Dibromofluoromethane	5.51	113	117920	35.53	ug/l	0.00
Spiked Amount			Recovery	=	71.06%	
50) Toluene-d8	8.72	98	581663	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.13	95	140359	33.14	ug/l	0.00
Spiked Amount			Recovery	=	66.28%	

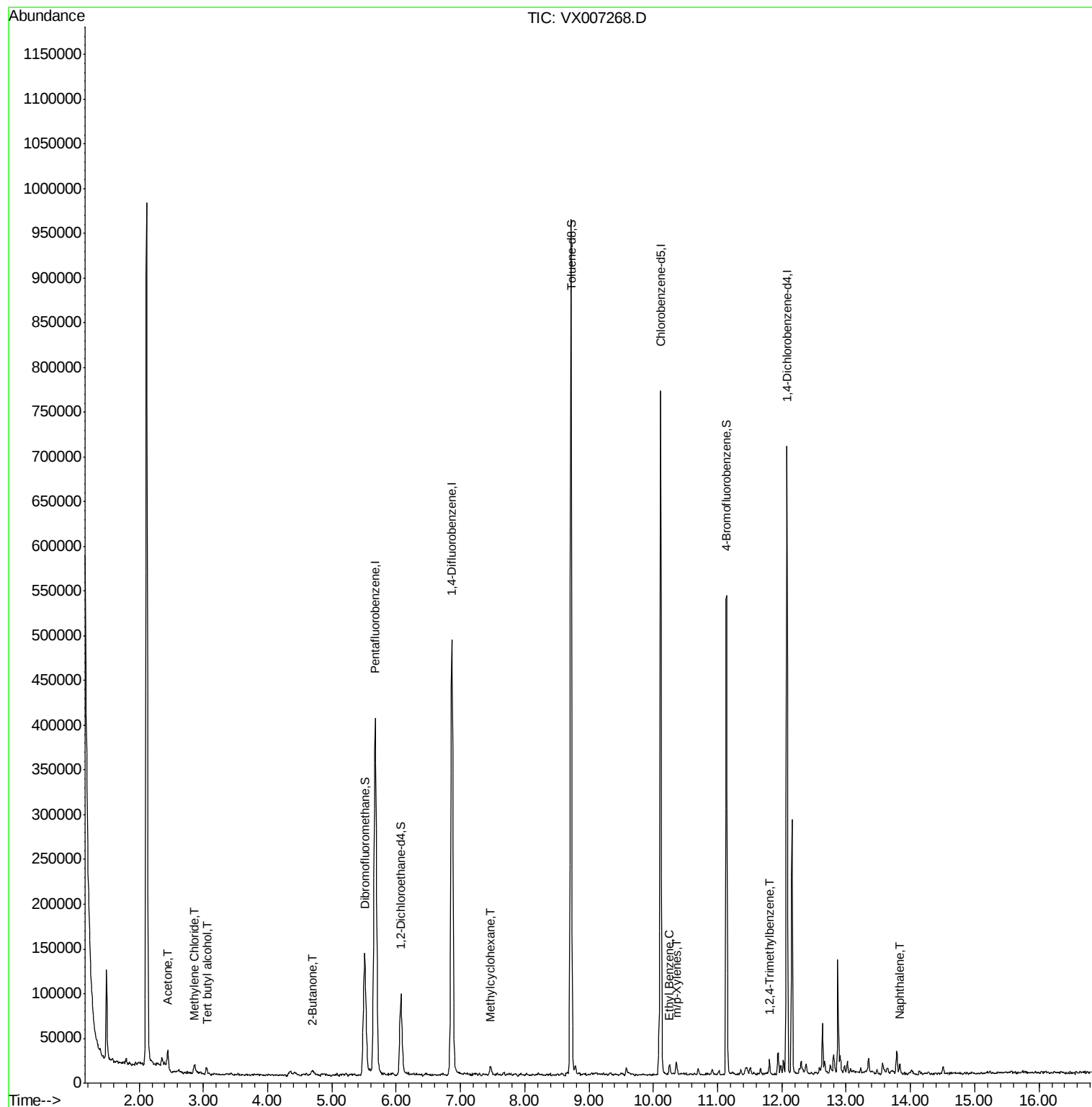
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	8747	8.429	ug/l	95
16) Acetone	2.45	43	24401	11.220	ug/l #	88
20) Methylene Chloride	2.86	84	5095	0.673	ug/l #	89
25) 2-Butanone	4.70	43	11450	3.680	ug/l	93
39) Methylcyclohexane	7.48	83	4503	0.784	ug/l	86
67) Ethyl Benzene	10.25	91	7059	0.532	ug/l #	83
68) m/p-Xylenes	10.36	106	3492	0.668	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	7053	0.793	ug/l	97
95) Naphthalene	13.83	128	5344	0.494	ug/l #	89

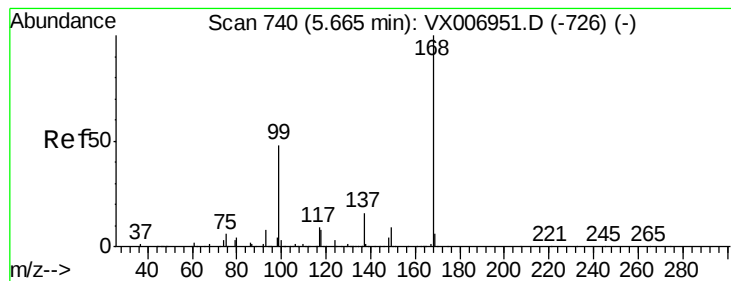
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DRUM-1-3

Quant Time: Jan 29 01:15:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

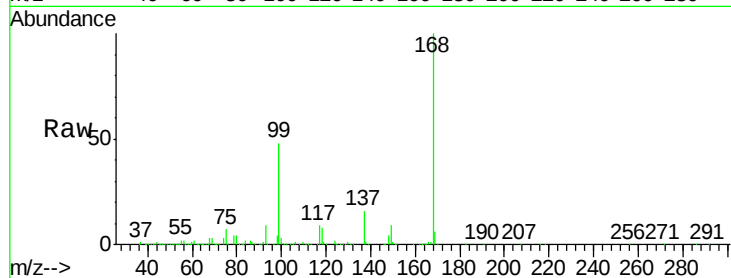
DRUM-1-3

Tot Ion:168 Resp: 420927

Ion Ratio Lower Upper

168 100

99 47.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

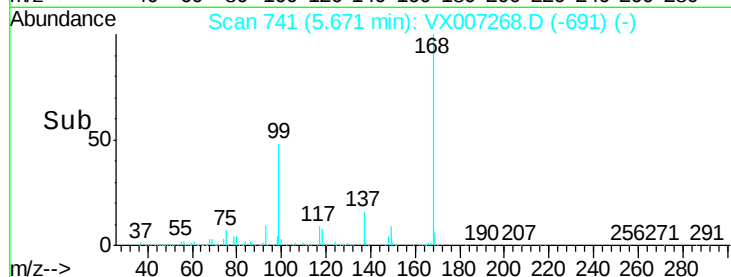
100000

50000

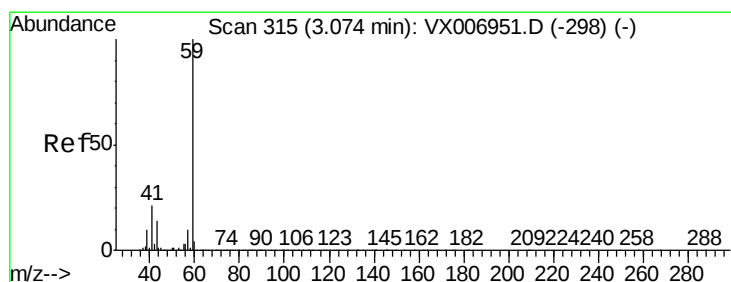
0

5.67

5.60 5.70 5.80



Time-->



#11

Tert butyl alcohol

Concen: 8.429 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX007268.D

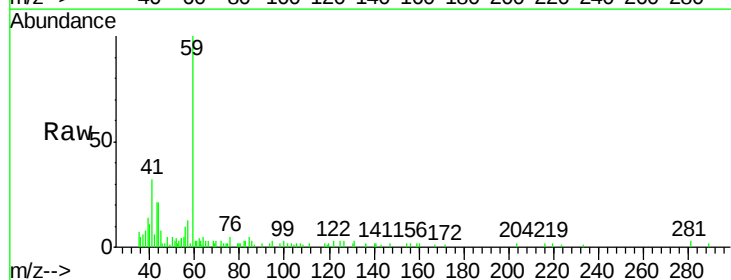
Acq: 28 Jan 2019 18:32

Tgt Ion: 59 Resp: 8747

Ion Ratio Lower Upper

59 100

57 8.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

4000

3000

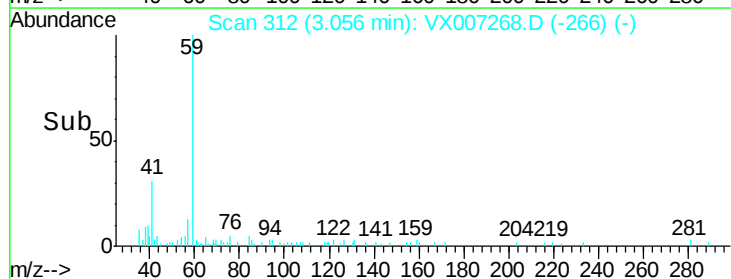
2000

1000

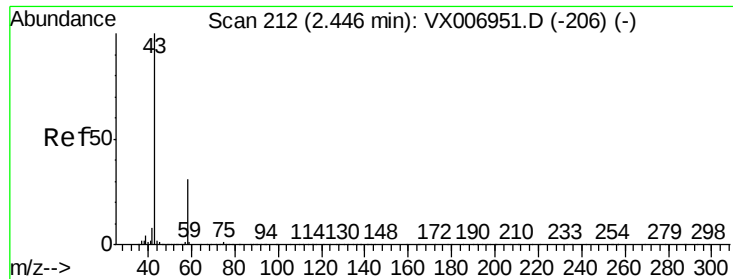
0

3.06

3.00 3.10



Time-->



#16

Acetone

Concen: 11.220 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

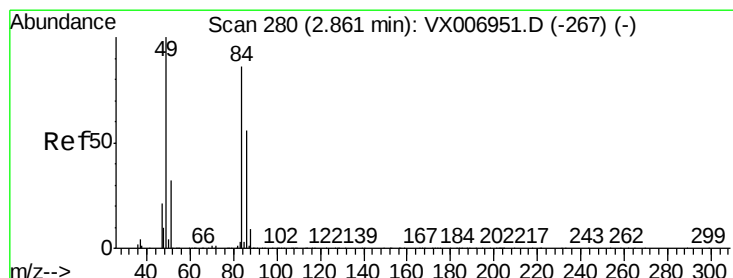
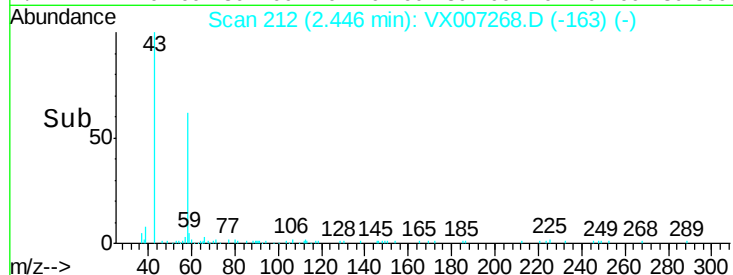
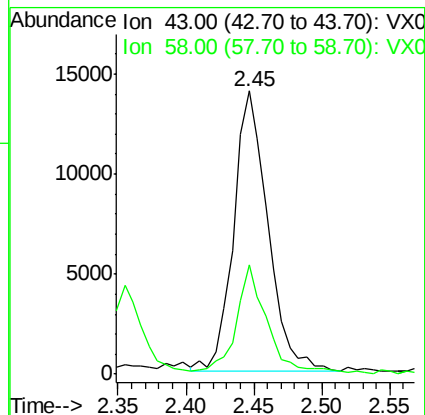
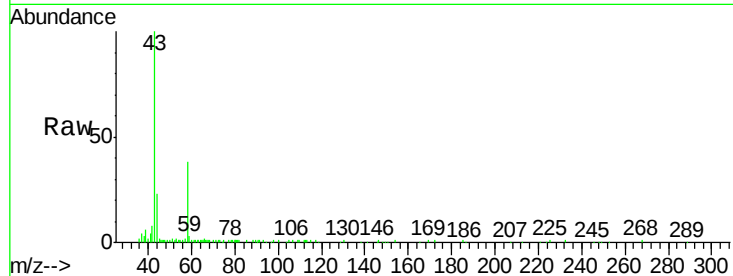
DRUM-1-3

Tot Ion: 43 Resp: 24401

Ion Ratio Lower Upper

43 100

58 38.1 25.0 37.6#



#20

Methylene Chloride

Concen: 0.673 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Tgt Ion: 84 Resp: 5095

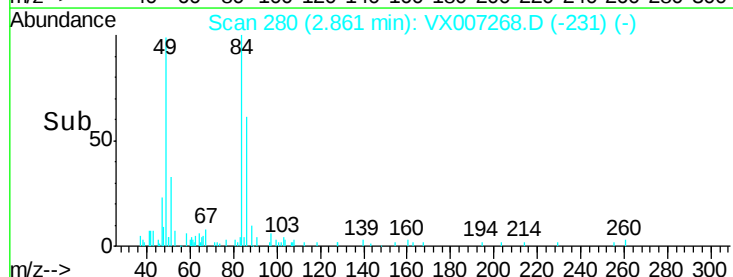
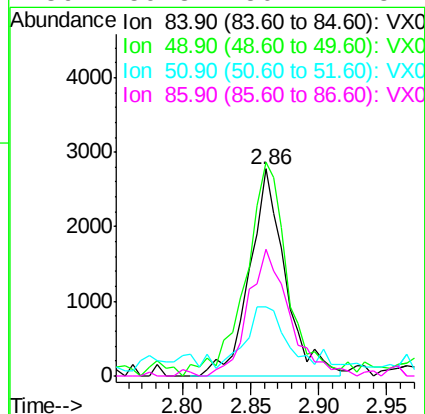
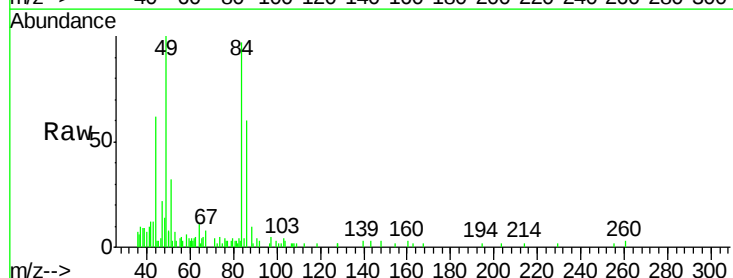
Ion Ratio Lower Upper

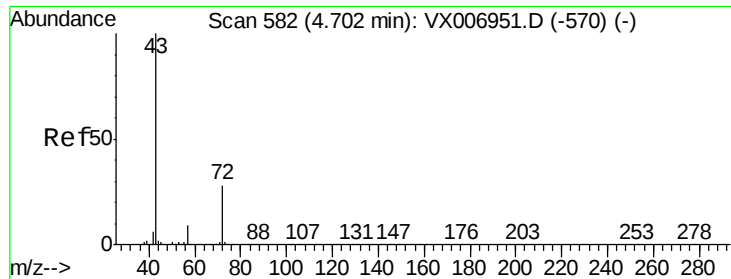
84 100

49 99.9 91.8 137.6

51 27.4 28.5 42.7#

86 59.3 50.2 75.2





#25

2-Butanone

Concen: 3.680 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

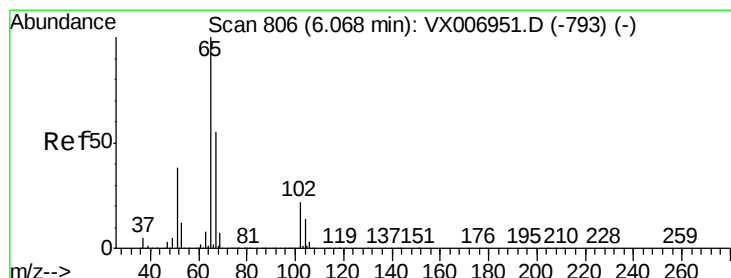
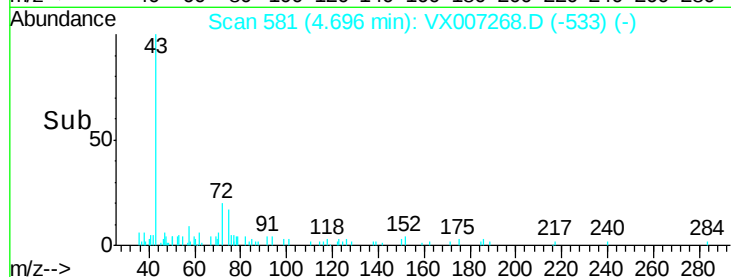
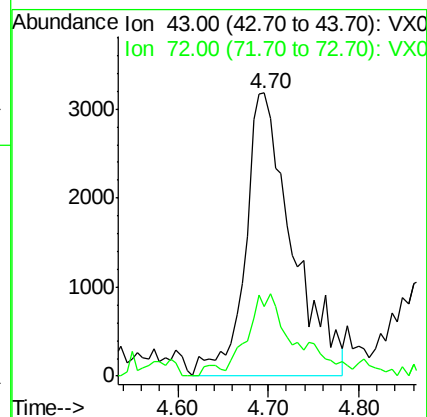
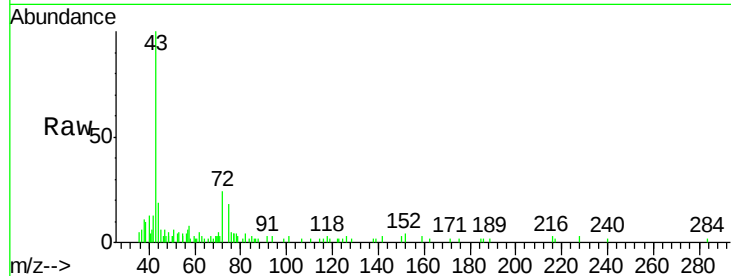
DRUM-1-3

Tot Ion: 43 Resp: 11450

Ion Ratio Lower Upper

43 100

72 24.4 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 19.580 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007268.D

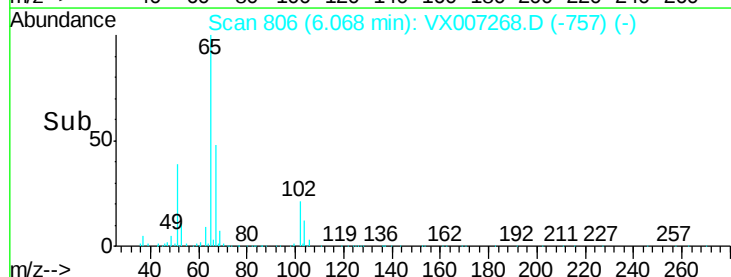
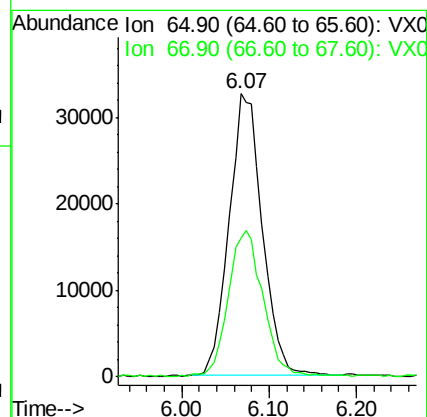
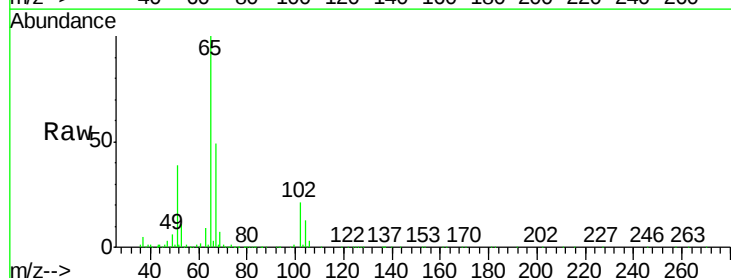
Acq: 28 Jan 2019 18:32

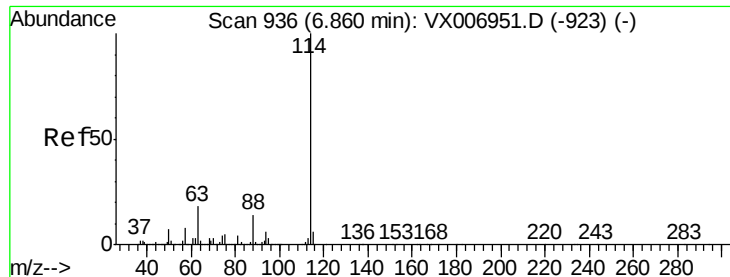
Tgt Ion: 65 Resp: 86132

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3

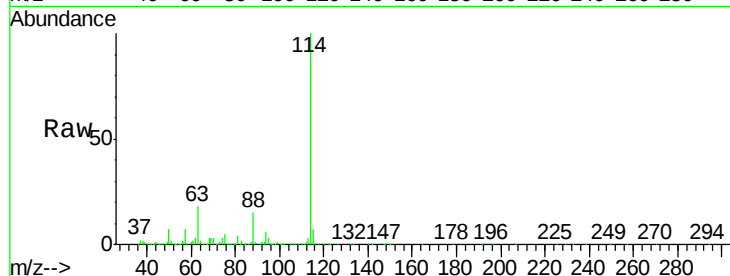
Tot Ion:114 Resp: 518269

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

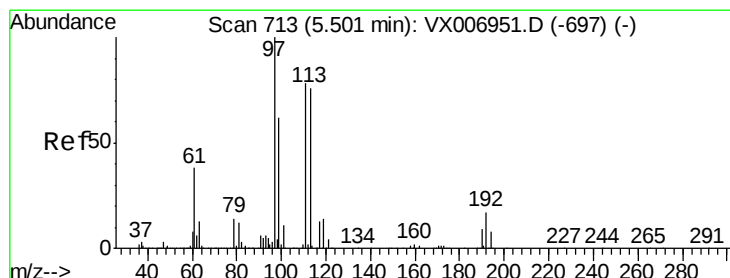
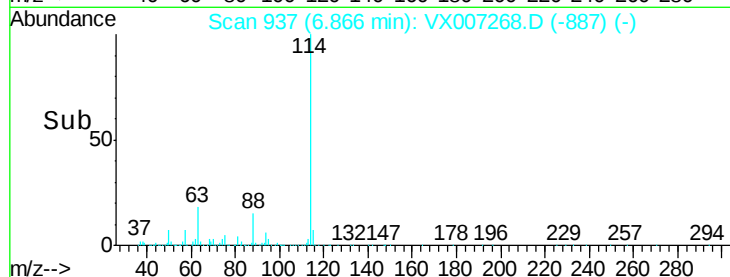
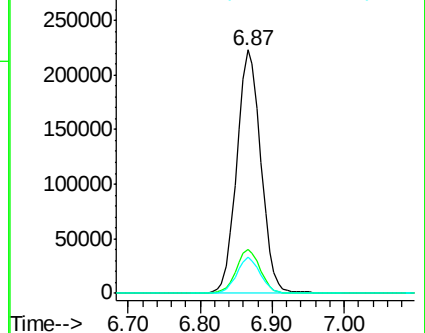
88 14.9 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 35.529 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

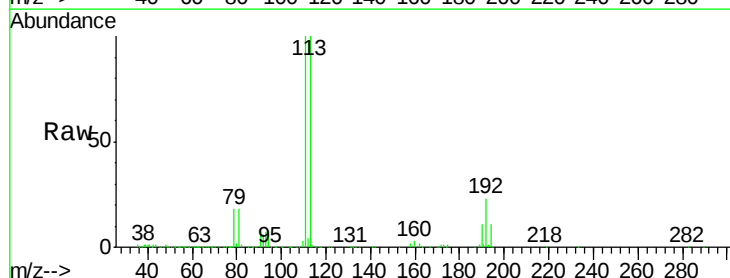
Tgt Ion:113 Resp: 117920

Ion Ratio Lower Upper

113 100

111 100.7 81.6 122.4

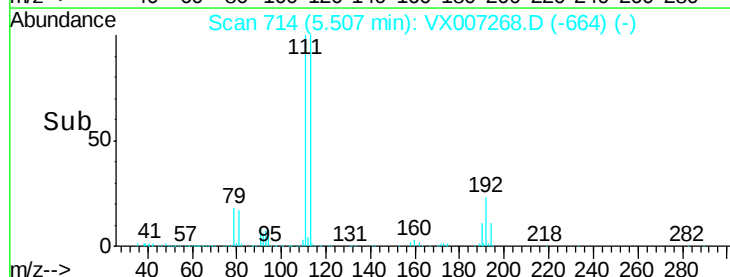
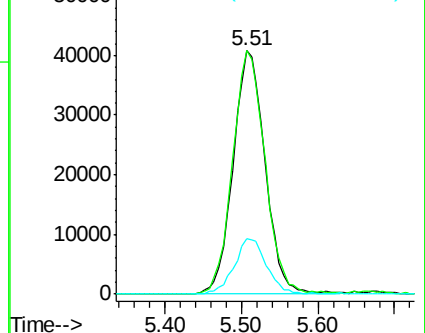
192 23.0 16.7 25.1

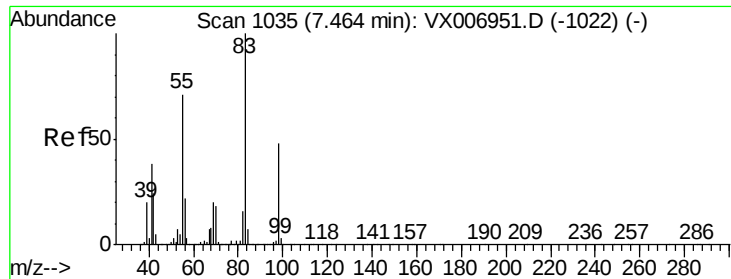


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

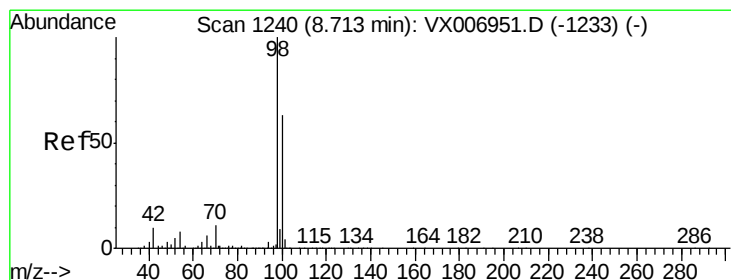
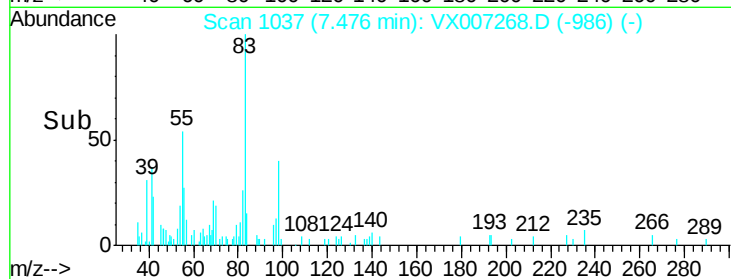
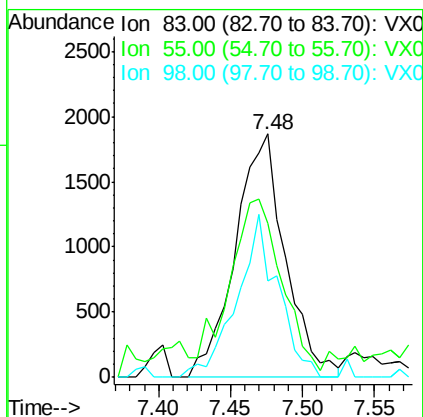
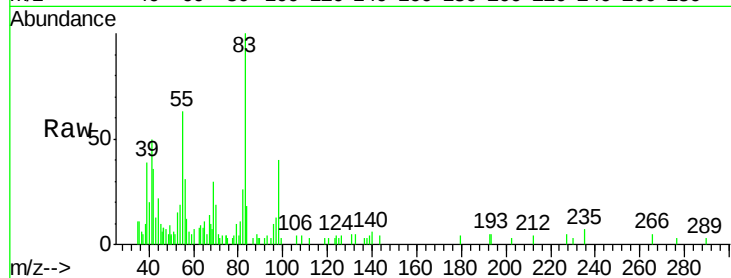




#39
Methvlcvclohexane
Concen: 0.784 ug/l
RT: 7.48 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

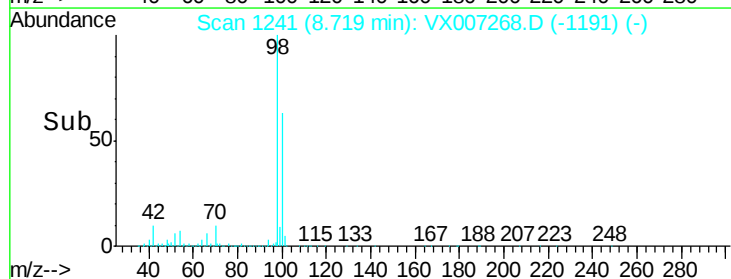
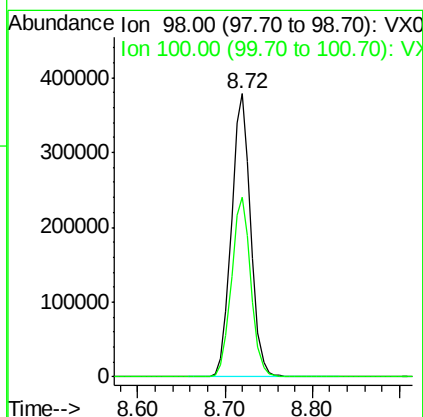
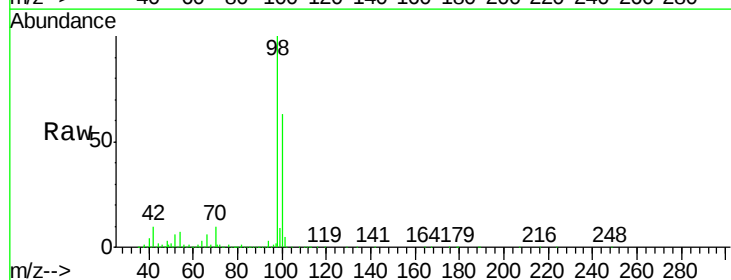
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3

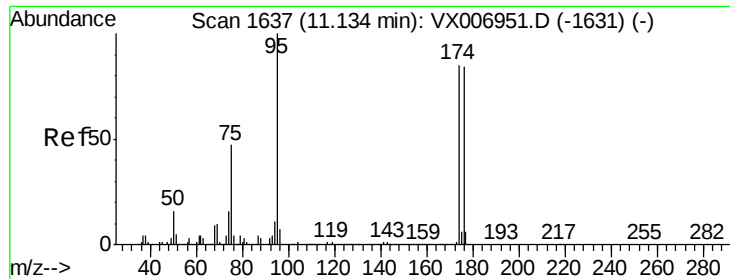
Tot Ion	83	Resp	4503
Ion Ratio	Lower	Upper	
83	100		
55	56.0	54.9	82.3
98	39.8	37.9	56.9



#50
Toluene-d8
Concen: 47.880 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

Tgt Ion	98	Resp	581663
Ion Ratio	Lower	Upper	
98	100		
100	63.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 33.141 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

DRUM-1-3

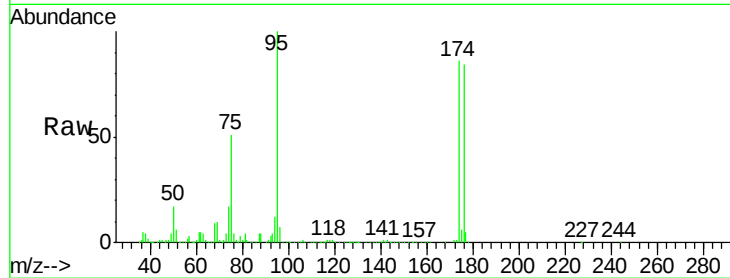
Tot Ion: 95 Resp: 140359

Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

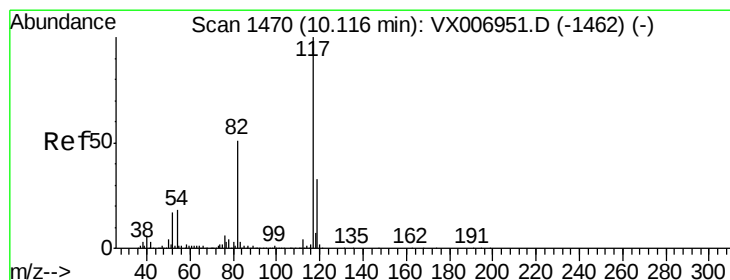
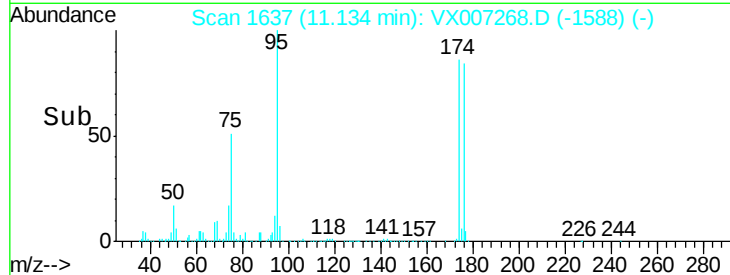
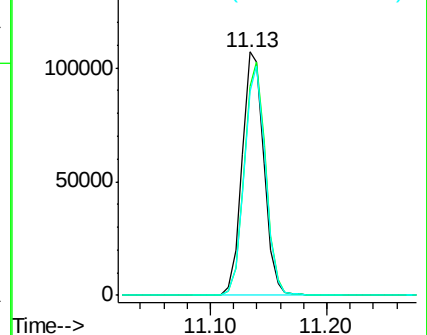
176 91.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX007268.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007268.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007268.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

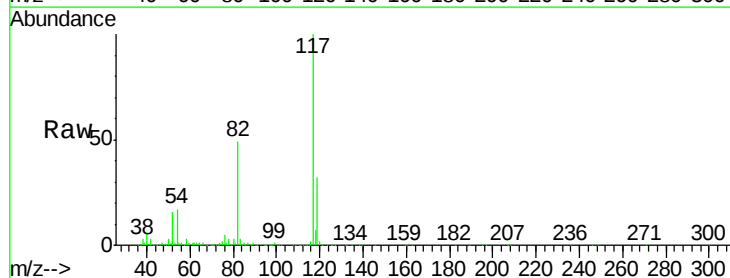
Tgt Ion: 117 Resp: 368637

Ion Ratio Lower Upper

117 100

82 48.6 41.0 61.6

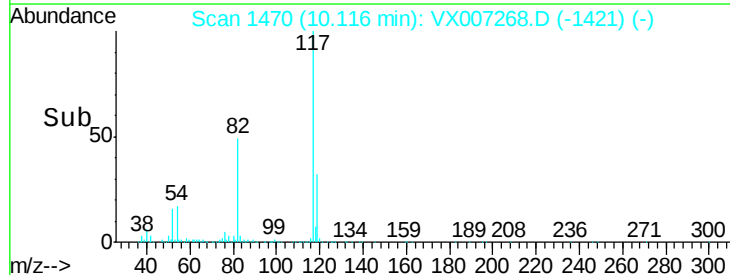
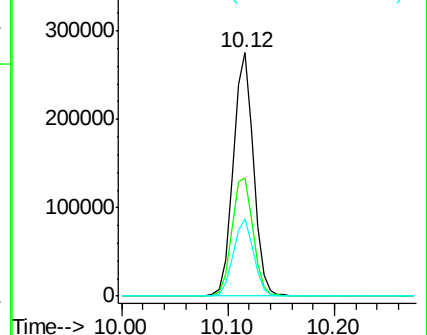
119 31.6 25.4 38.0

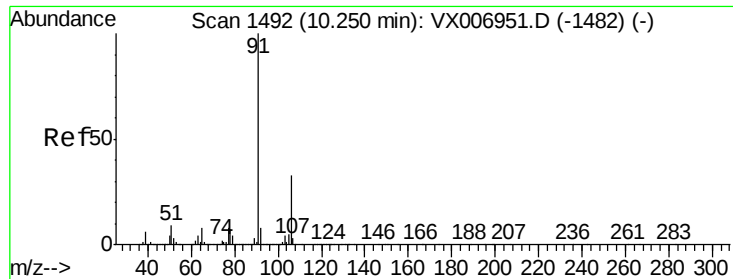


Abundance Ion 116.90 (116.60 to 117.60): VX007268.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007268.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007268.D (-1421) (-)





#67

Ethyl Benzene

Concen: 0.532 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

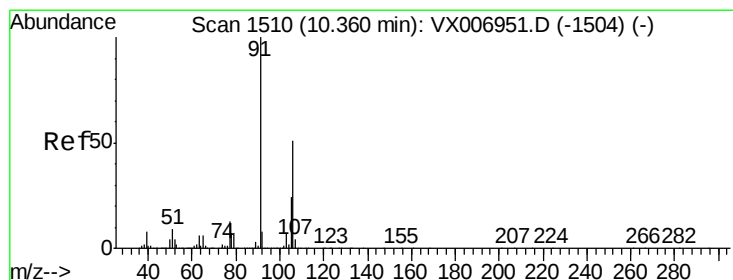
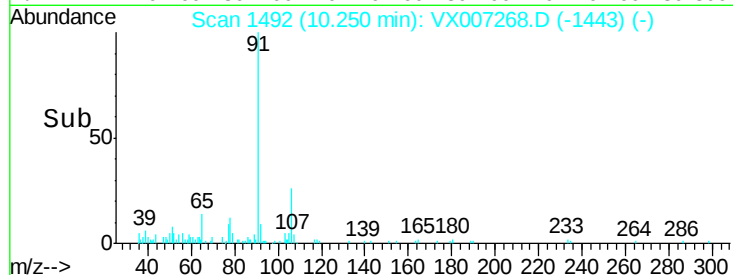
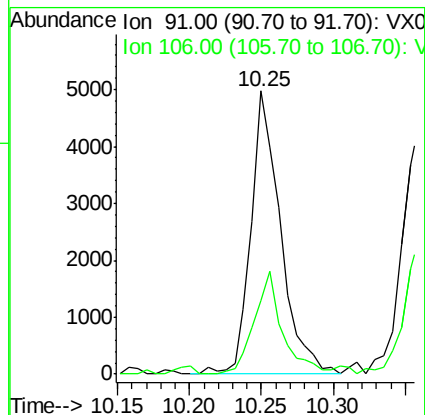
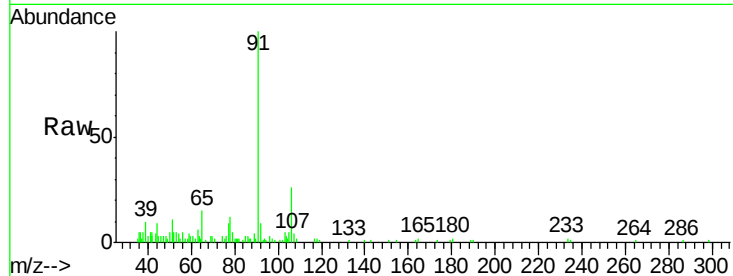
DRUM-1-3

Tot Ion: 91 Resp: 7059

Ion Ratio Lower Upper

91 100

106 23.3 26.4 39.6#



#68

m/p-Xylenes

Concen: 0.668 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007268.D

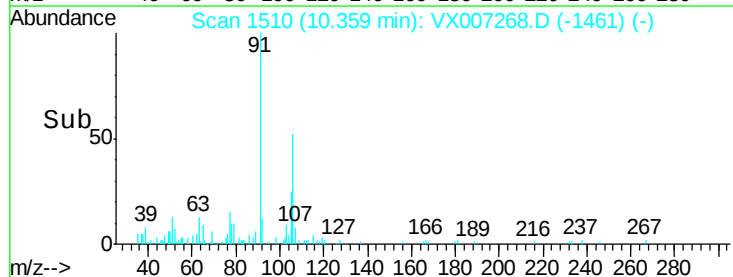
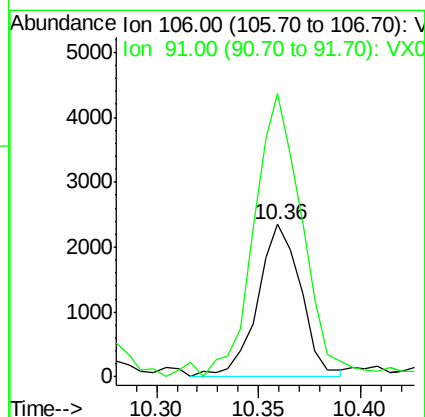
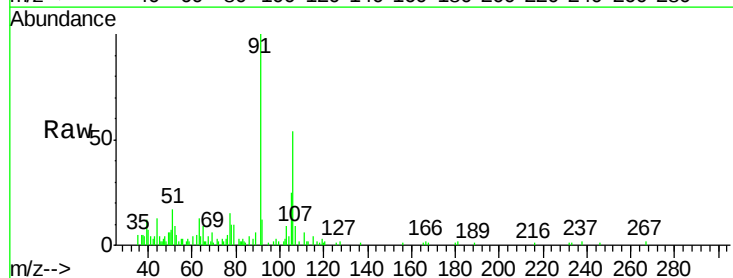
Acq: 28 Jan 2019 18:32

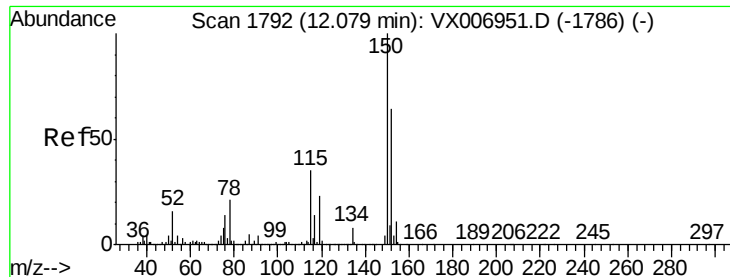
Tgt Ion: 106 Resp: 3492

Ion Ratio Lower Upper

106 100

91 208.5 155.8 233.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3

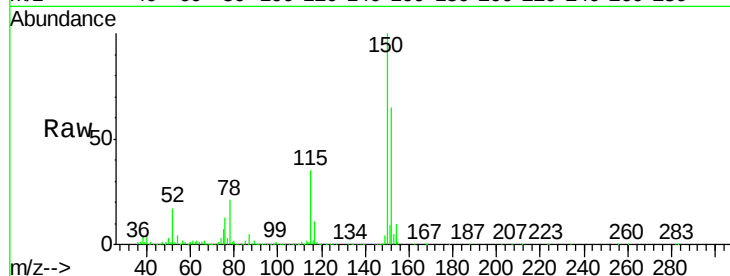
Tot Ion:152 Resp: 150073

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

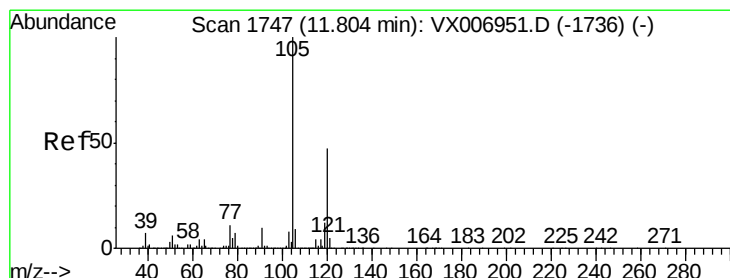
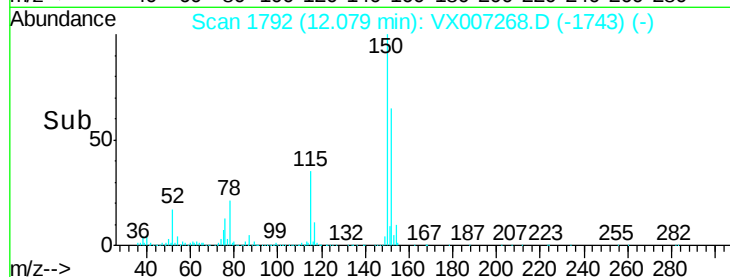
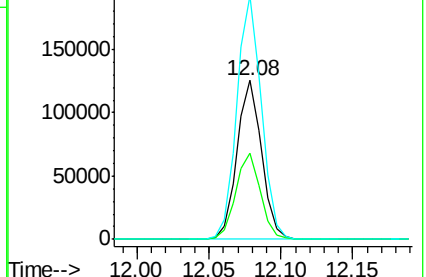
150 152.8 0.0 344.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.793 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007268.D

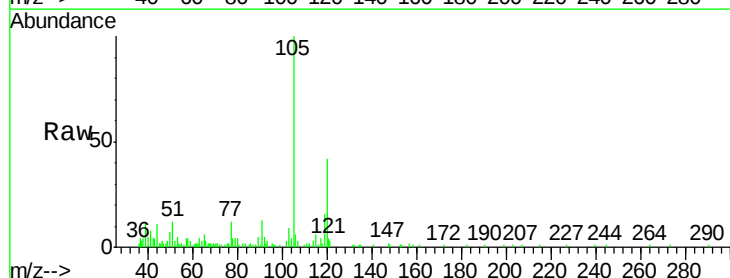
Acq: 28 Jan 2019 18:32

Tgt Ion:105 Resp: 7053

Ion Ratio Lower Upper

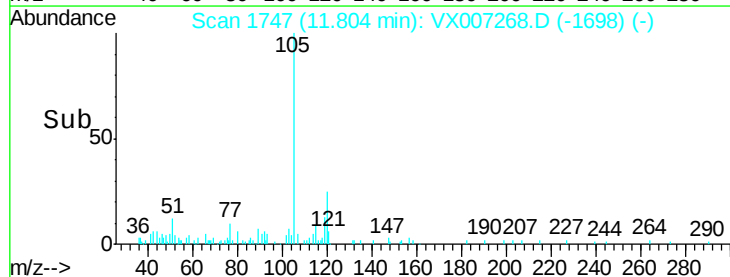
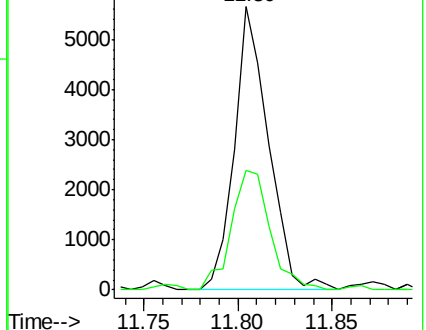
105 100

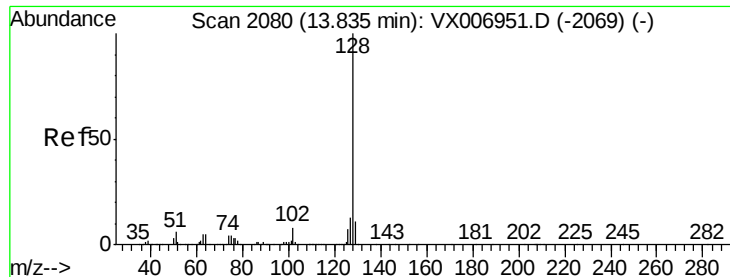
120 48.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.494 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3

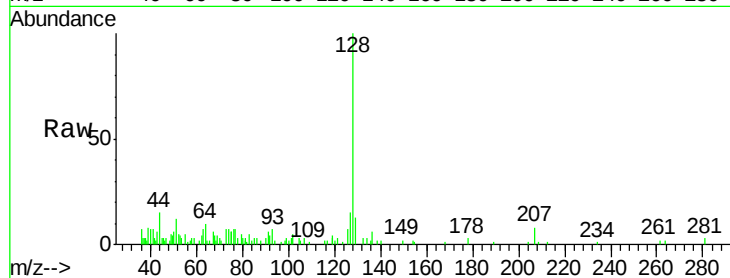
Tot Ion:128 Resp: 5344

Ion Ratio Lower Upper

128 100

127 14.4 10.1 15.1

129 17.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

