

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003057.D
 Acq On : 30 Jun 2018 04:16
 Operator : JC/MD
 Sample : J3669-23ME
 Misc : 6.37g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB479-27-29-180620ME

Quant Time: Jun 30 05:07:21 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	5.66	168	269090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254271	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	175632	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
35) Dibromofluoromethane	5.51	113	137682	43.95	ug/l	0.00
Spiked Amount			Recovery	=	87.90%	
50) Toluene-d8	8.72	98	567019	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	251235	56.95	ug/l	0.00
Spiked Amount			Recovery	=	113.90%	

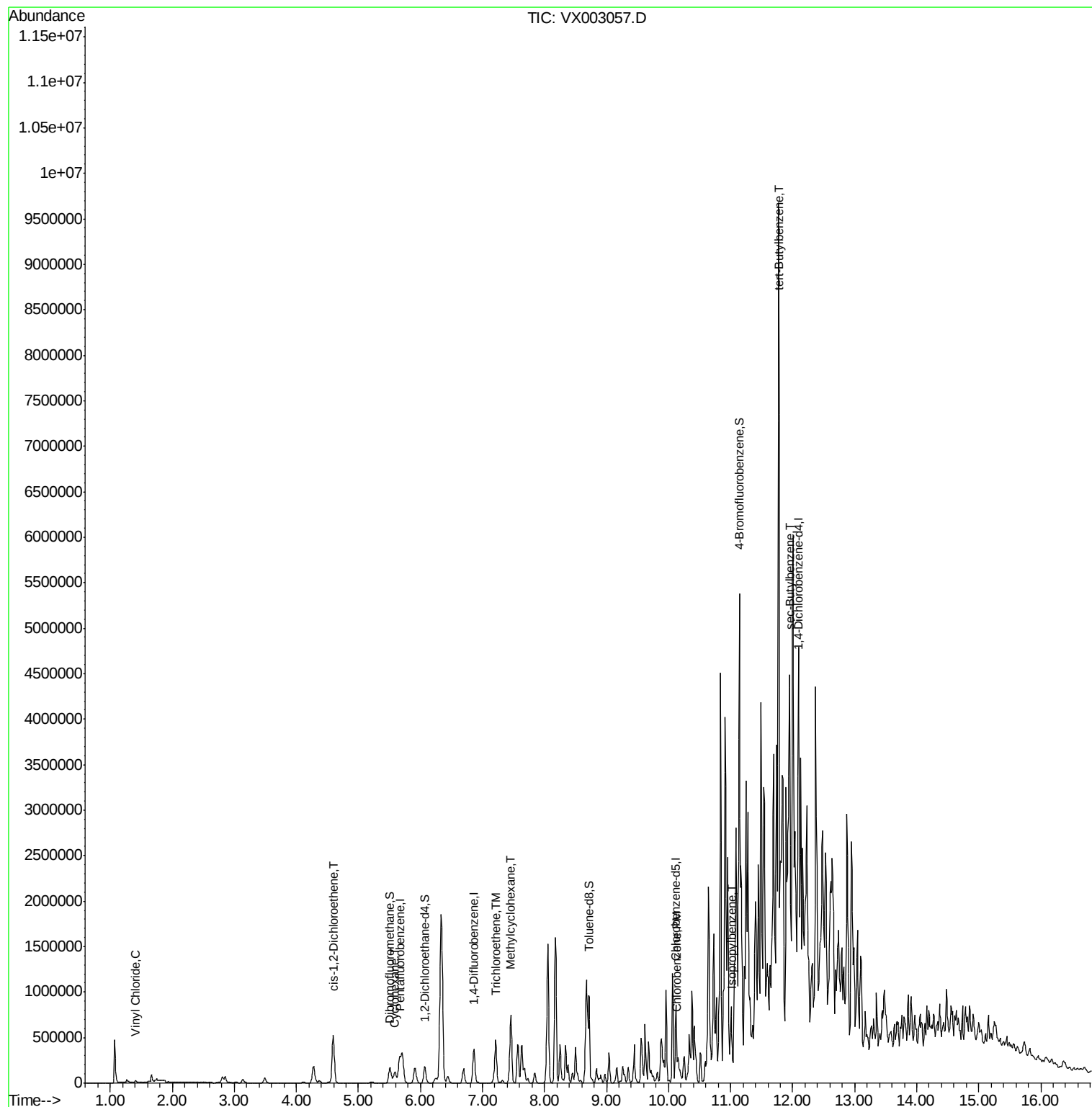
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	18014	5.92	ug/l #	59
27) cis-1,2-Dichloroethene	4.59	96	326432	100.72	ug/l	81
31) Cyclohexane	5.59	56	46741	10.02	ug/l #	57
39) Methylcyclohexane	7.46	83	336190	66.54	ug/l	98
44) Trichloroethene	7.21	130	187660	49.94	ug/l	99
65) Chlorobenzene	10.14	112	65323	6.70	ug/l	100
73) Isopropylbenzene	11.02	105	6739	0.39	ug/l	99
83) tert-Butylbenzene	11.77	119	138371	9.75	ug/l	85
85) sec-Butylbenzene	11.95	105	342367	19.88	ug/l #	56

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

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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP021SB479-27-29-180620ME

Quant Time: Jun 30 05:07:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

Instrument :

MSVOA_X

ClientSampleId :

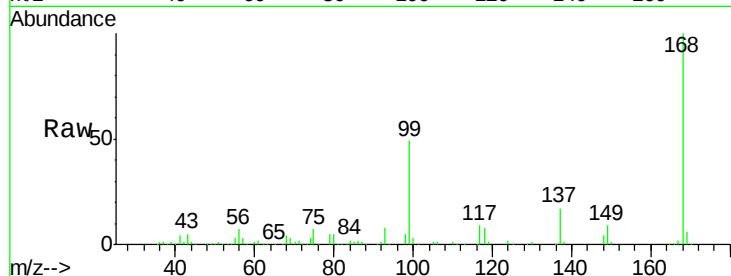
WP021SB479-27-29-180620ME

Tot Ion:168 Resp: 269090

Ion Ratio Lower Upper

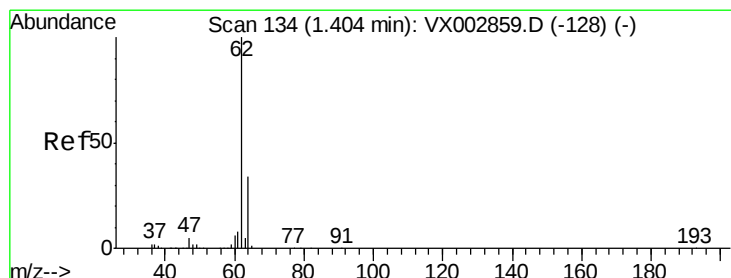
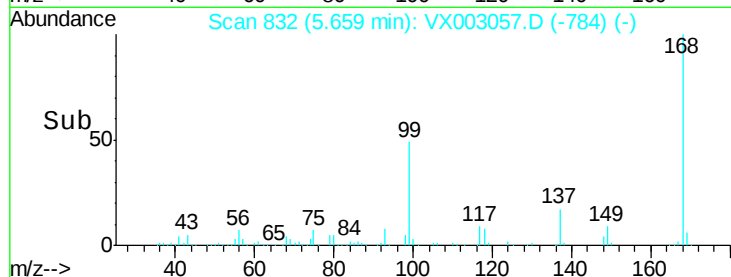
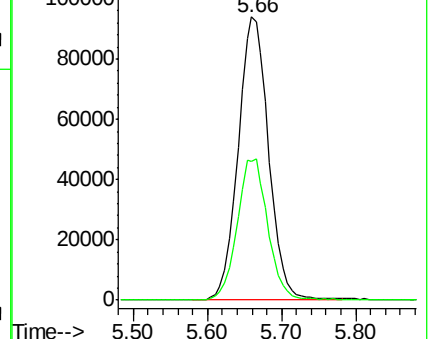
168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 5.92 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003057.D

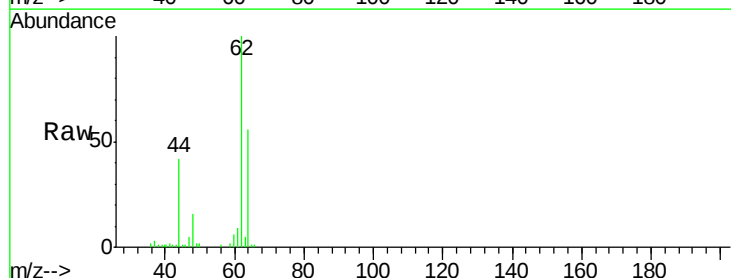
Acq: 30 Jun 2018 04:16

Tgt Ion: 62 Resp: 18014

Ion Ratio Lower Upper

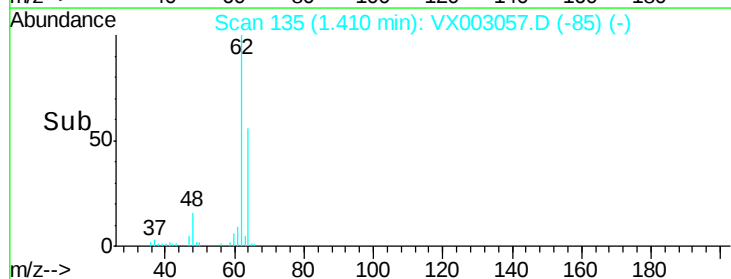
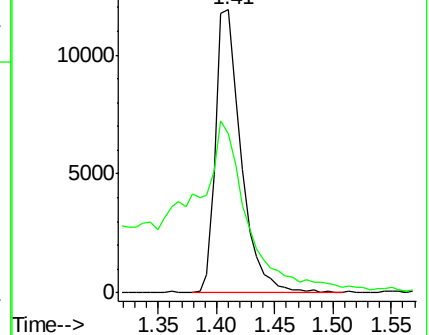
62 100

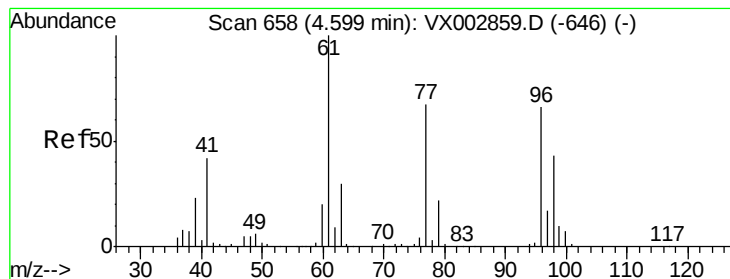
64 54.5 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 100.72 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

Instrument :

MSVOA_X

ClientSampleId :

WP021SB479-27-29-180620ME

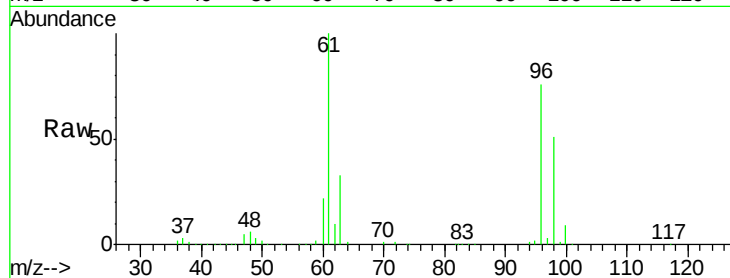
Tot Ion: 96 Resp: 326432

Ion Ratio Lower Upper

96 100

61 130.1 0.0 330.2

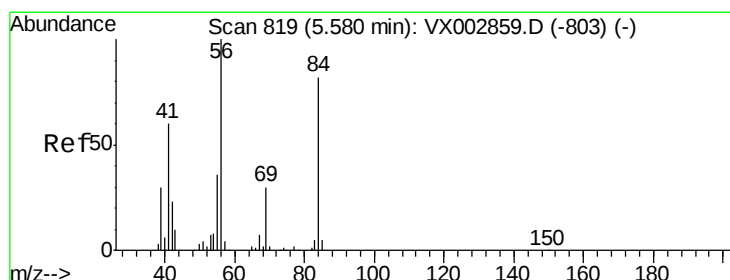
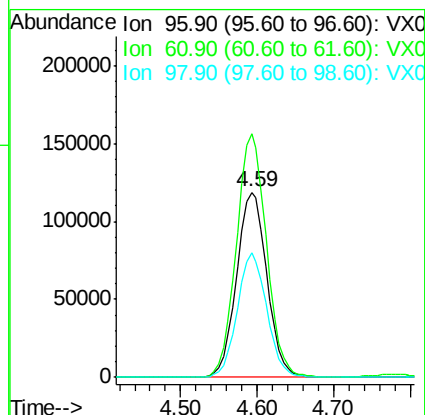
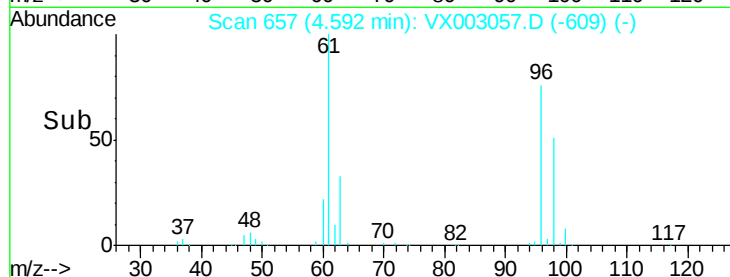
98 65.7 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#31

Cyclohexane

Concen: 10.02 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

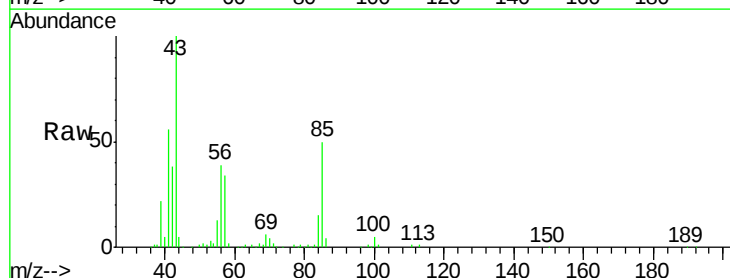
Tgt Ion: 56 Resp: 46741

Ion Ratio Lower Upper

56 100

69 13.7 23.7 35.5#

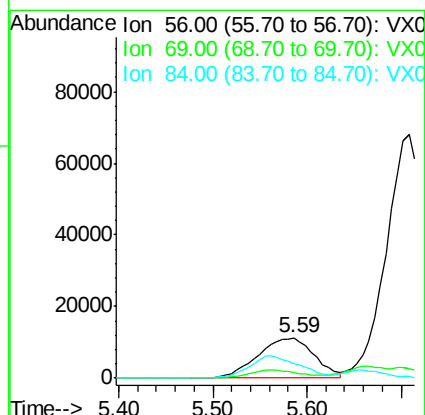
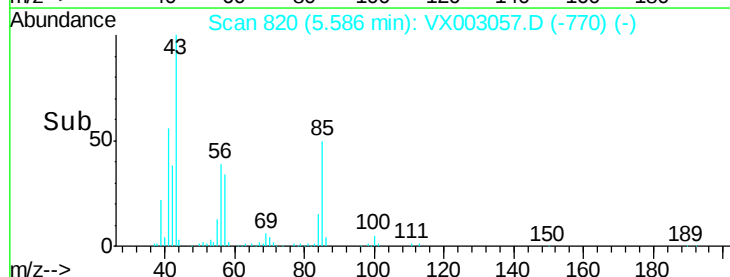
84 37.2 64.1 96.1#

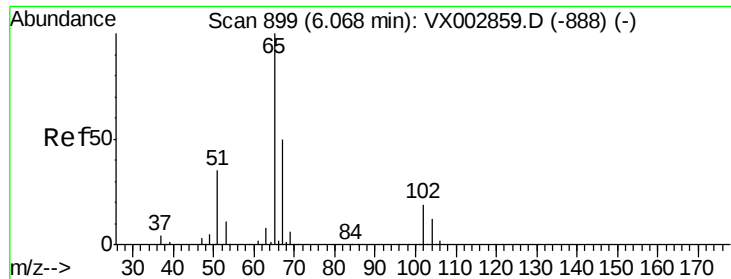


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.22 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

Instrument :

MSVOA_X

ClientSampleId :

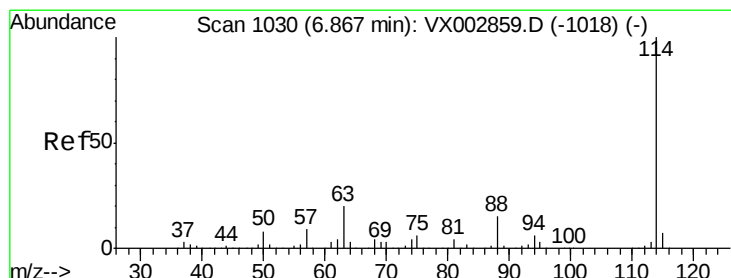
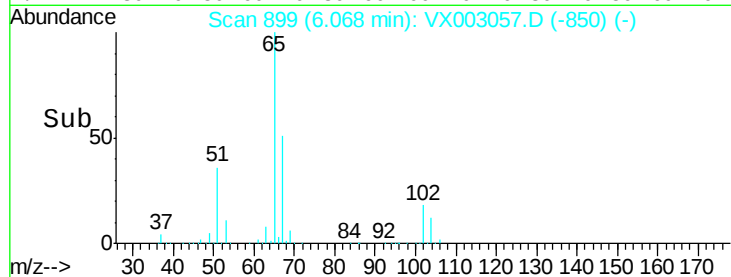
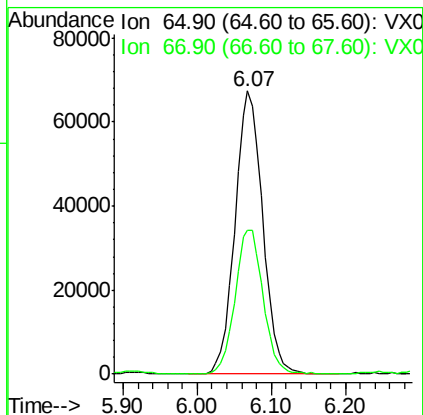
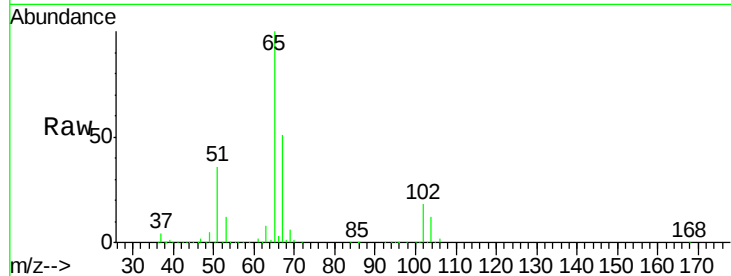
WP021SB479-27-29-180620ME

Tot Ion: 65 Resp: 175632

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

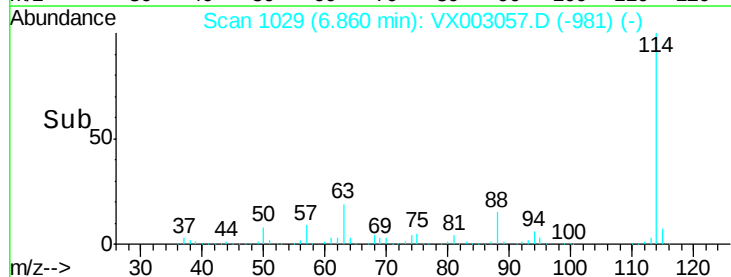
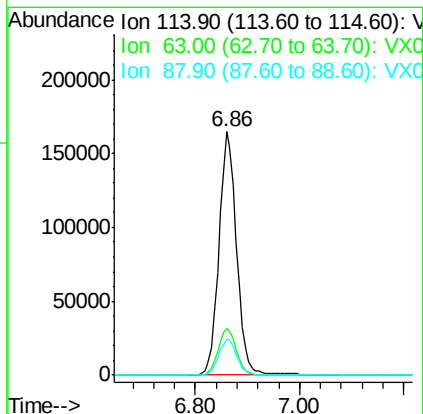
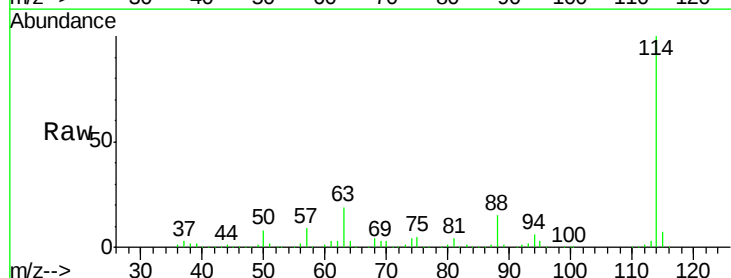
Tgt Ion: 114 Resp: 395552

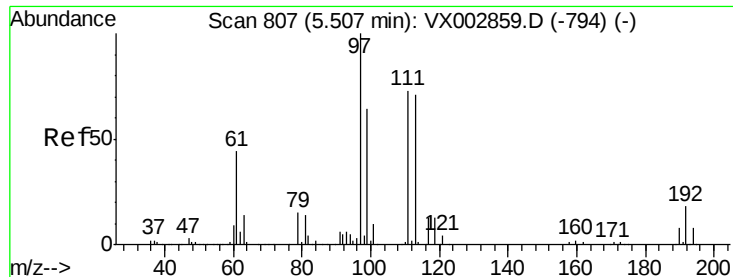
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

88 15.1 0.0 30.0

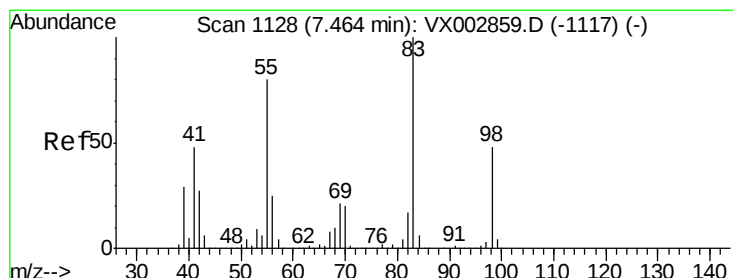
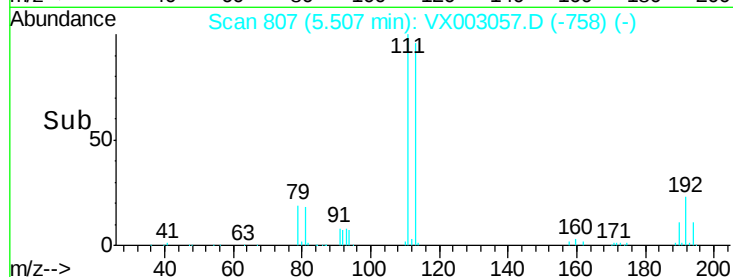
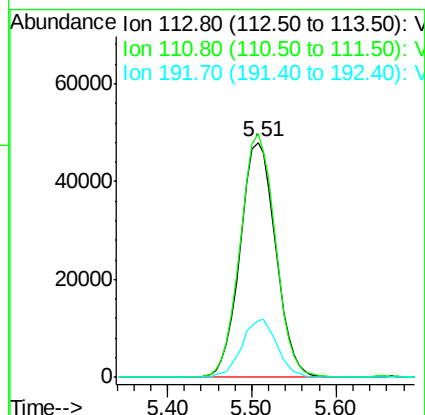
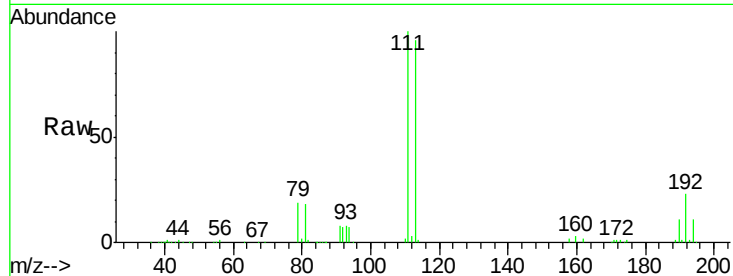




#35
 Dibromofluoromethane
 Concen: 43.95 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003057.D
 Acq: 30 Jun 2018 04:16

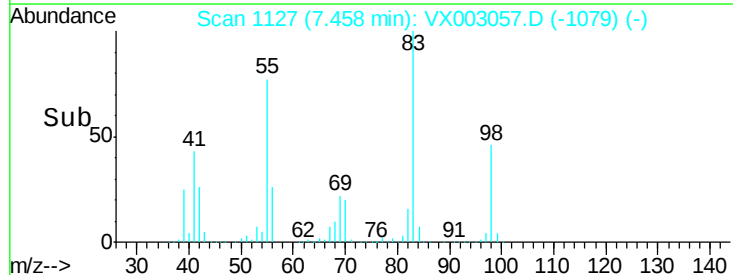
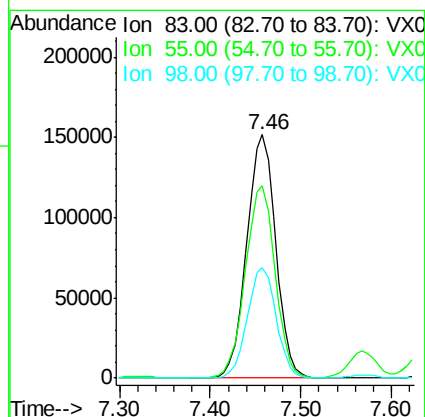
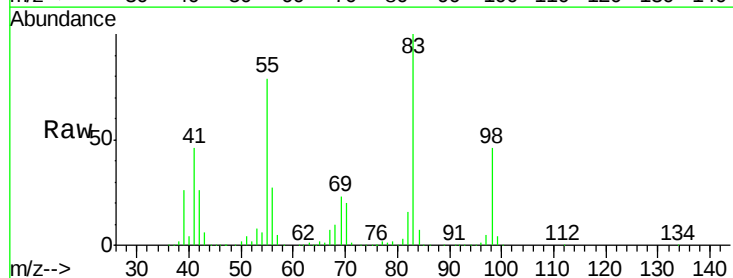
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB479-27-29-180620ME

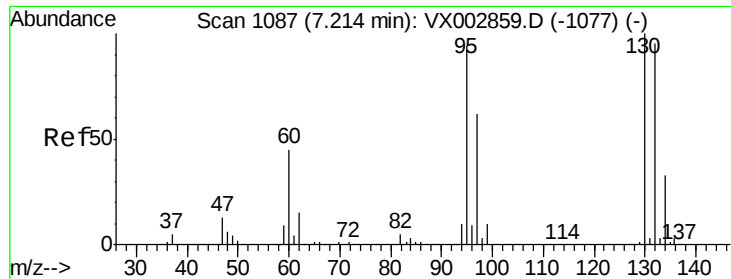
Tot Ion:113 Resp: 137682
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 24.4 19.1 28.7



#39
 Methylcyclohexane
 Concen: 66.54 ug/l
 RT: 7.46 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX003057.D
 Acq: 30 Jun 2018 04:16

Tgt Ion: 83 Resp: 336190
 Ion Ratio Lower Upper
 83 100
 55 79.1 65.4 98.0
 98 45.6 37.4 56.0

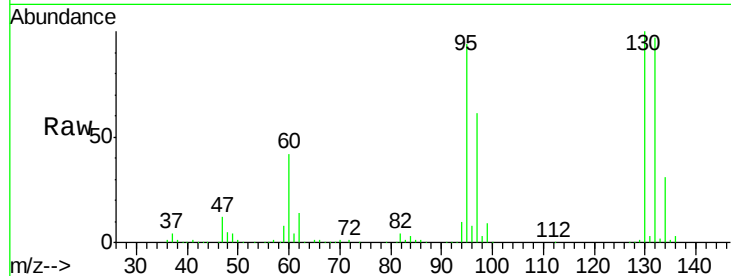




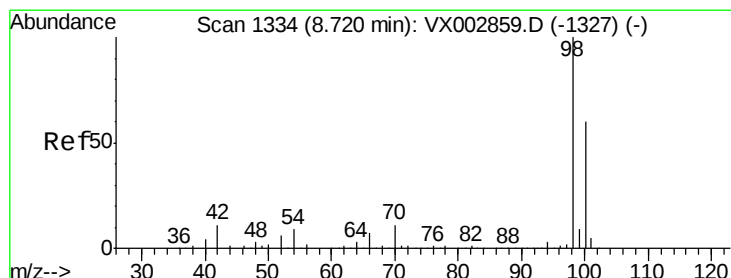
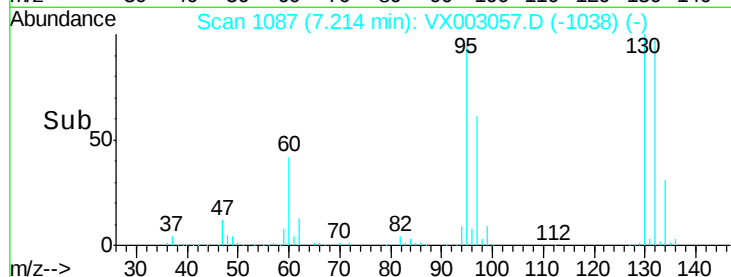
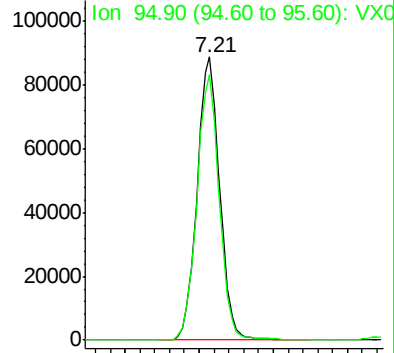
#44
 Trichloroethene
 Concen: 49.94 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003057.D
 Acq: 30 Jun 2018 04:16

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB479-27-29-180620ME

Tot Ion:130 Resp: 187660
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 185.4

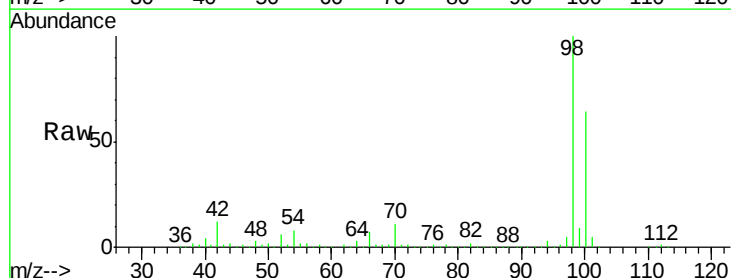


Abundance Ion 129.80 (129.50 to 130.50): V

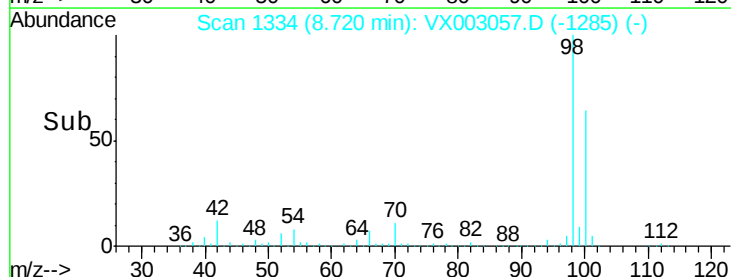
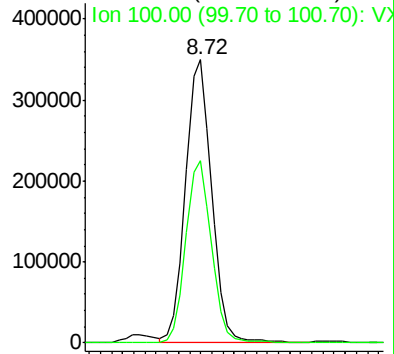


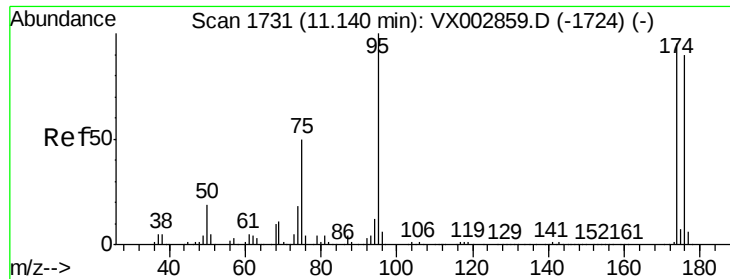
#50
 Toluene-d8
 Concen: 49.57 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003057.D
 Acq: 30 Jun 2018 04:16

Tgt Ion: 98 Resp: 567019
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

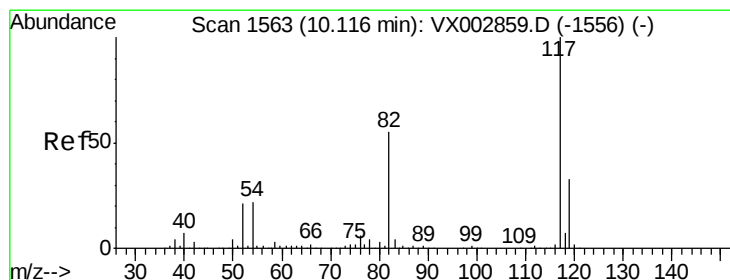
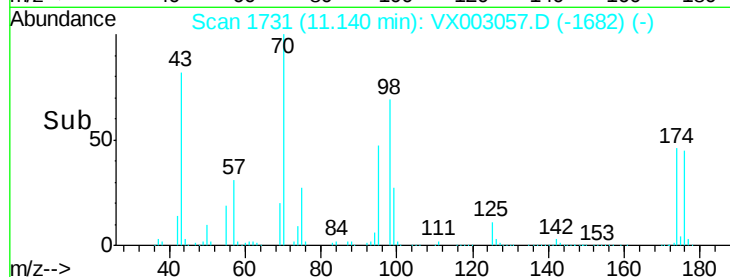
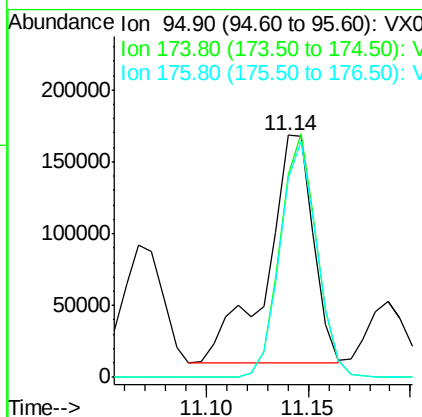
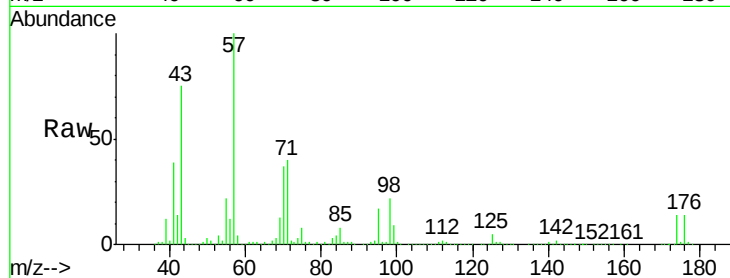




#62
4-Bromofluorobenzene
Concen: 56.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003057.D
Acq: 30 Jun 2018 04:16

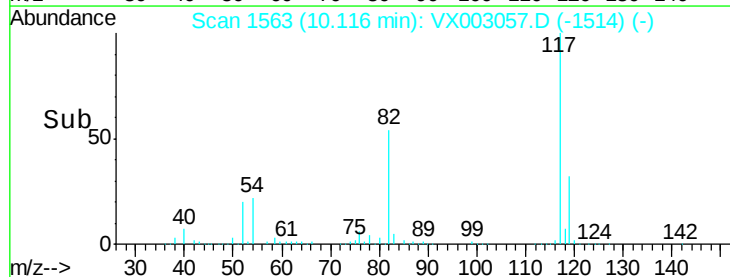
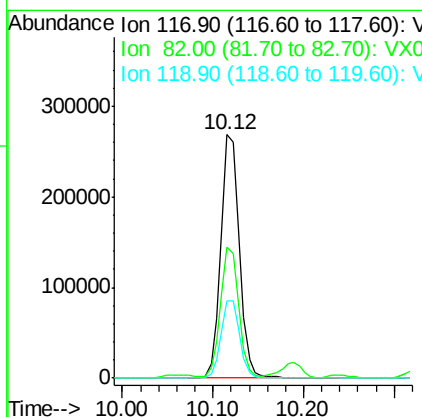
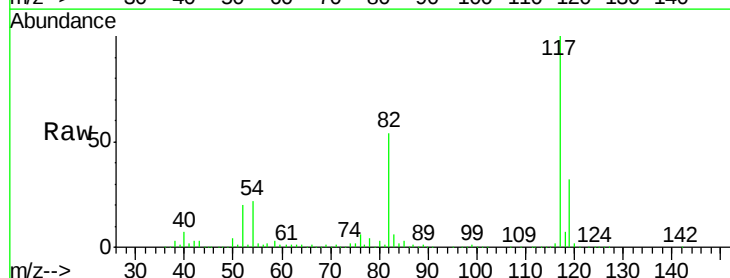
Instrument :
MSVOA_X
ClientSampleId :
WP021SB479-27-29-180620ME

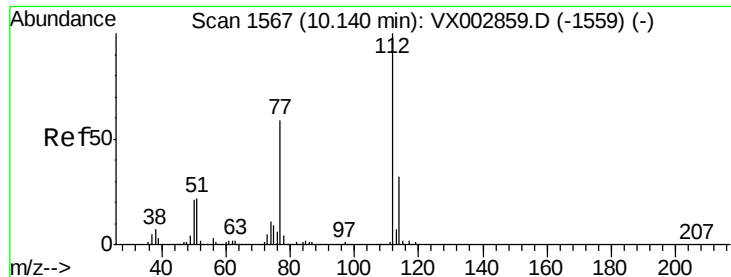
Tot Ion	95	Resp	251235
Ion Ratio	100		
Lower			
Upper			
174	84.5	0.0	187.4
176	82.7	0.0	181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003057.D
Acq: 30 Jun 2018 04:16

Tgt Ion	117	Resp	383875
Ion Ratio	100		
Lower			
Upper			
82	52.6	45.0	67.4
119	31.5	25.8	38.6





#65

Chlorobenzene

Concen: 6.70 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

Instrument :

MSVOA_X

ClientSampleId :

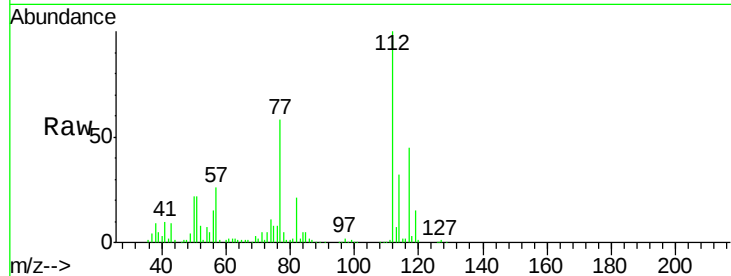
WP021SB479-27-29-180620ME

Tot Ion:112 Resp: 65323

Ion Ratio Lower Upper

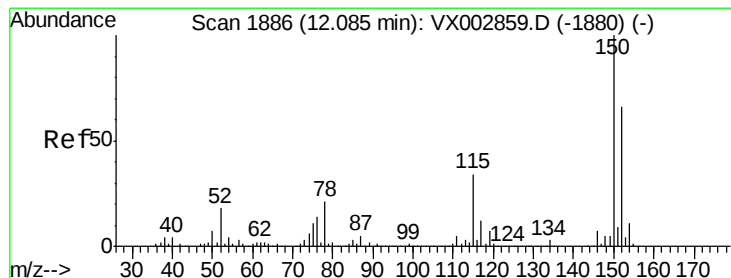
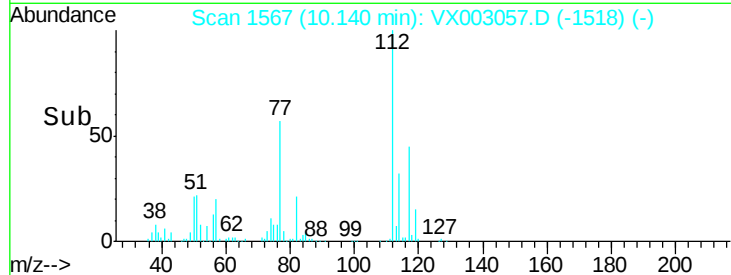
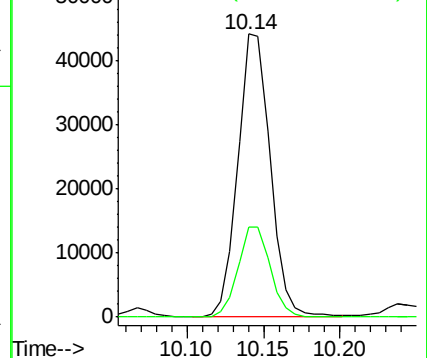
112 100

114 31.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

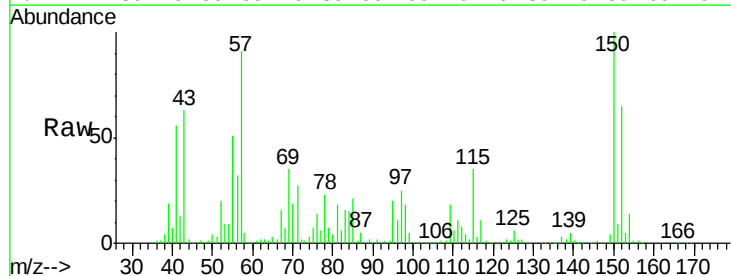
Tgt Ion:152 Resp: 254271

Ion Ratio Lower Upper

152 100

115 51.4 40.1 120.2

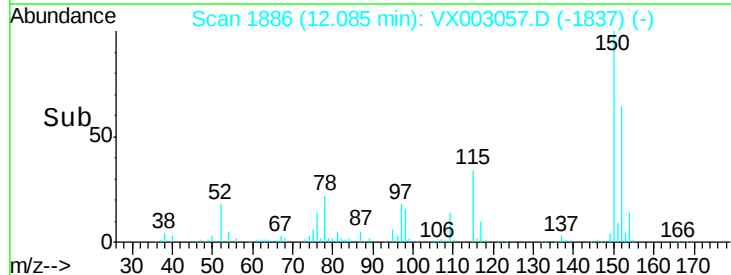
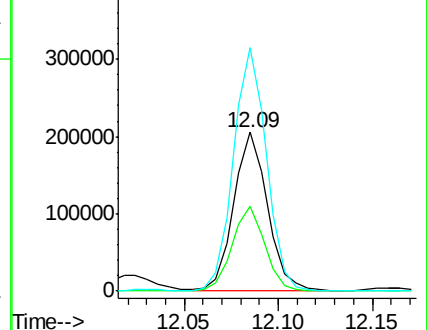
150 149.7 0.0 347.2

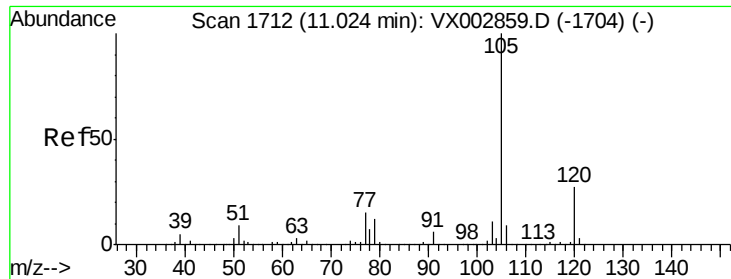


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

Instrument :

MSVOA_X

ClientSampleId :

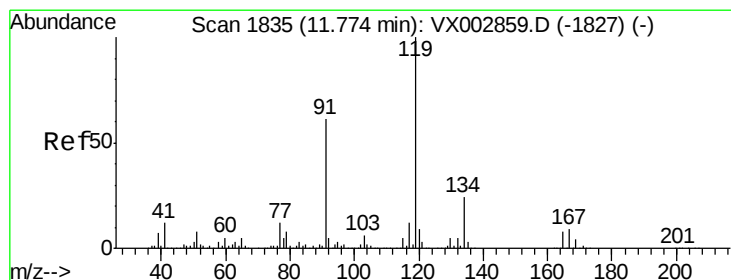
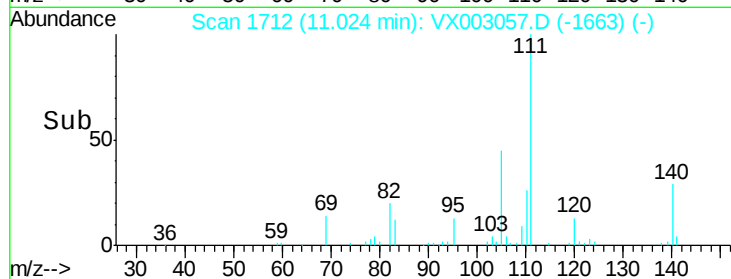
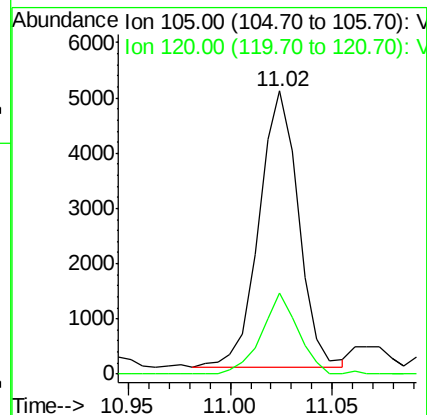
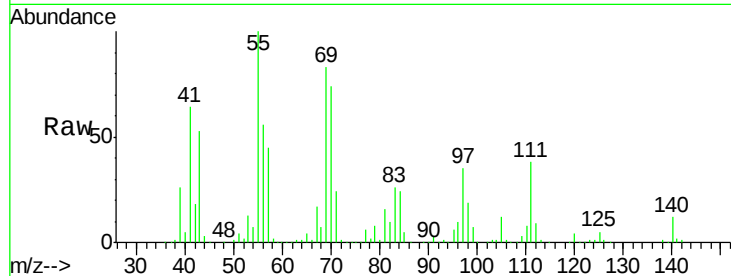
WP021SB479-27-29-180620ME

Tot Ion:105 Resp: 6739

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#83

tert-Butylbenzene

Concen: 9.75 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003057.D

Acq: 30 Jun 2018 04:16

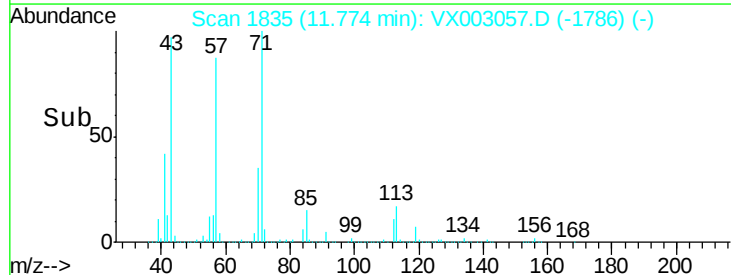
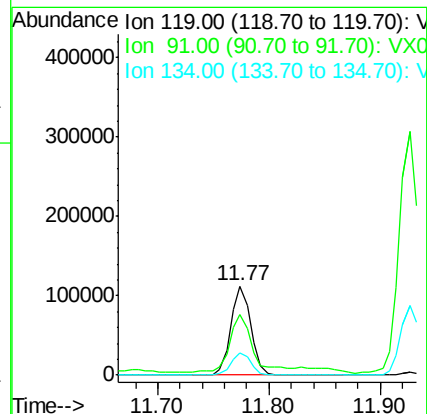
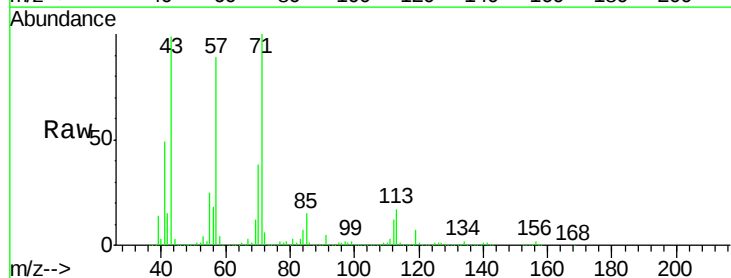
Tgt Ion:119 Resp: 138371

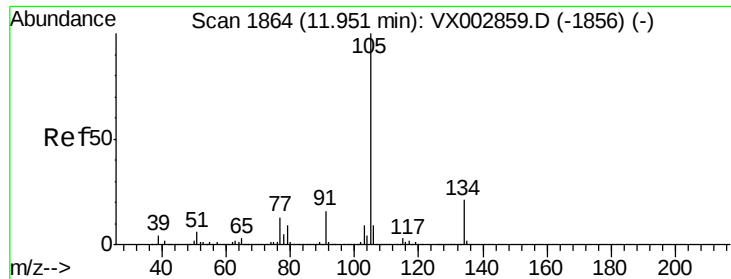
Ion Ratio Lower Upper

119 100

91 75.8 30.3 90.9

134 24.6 11.7 35.1





#85
 sec-Butylbenzene
 Concen: 19.88 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003057.D
 Acq: 30 Jun 2018 04:16

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB479-27-29-180620ME

Tot Ion:105 Resp: 342367
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

