

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001096.D
 Acq On : 25 Apr 2018 00:26
 Operator : JC/MD
 Sample : J2463-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY024MW068-180417

Quant Time: Apr 25 08:05:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169092	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	174181	57.44	ug/l	0.00
Spiked Amount			Recovery	=	114.88%	
35) Dibromofluoromethane	5.51	113	133235	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
50) Toluene-d8	8.72	98	511830	54.52	ug/l	0.00
Spiked Amount			Recovery	=	109.04%	
62) 4-Bromofluorobenzene	11.14	95	175951	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	

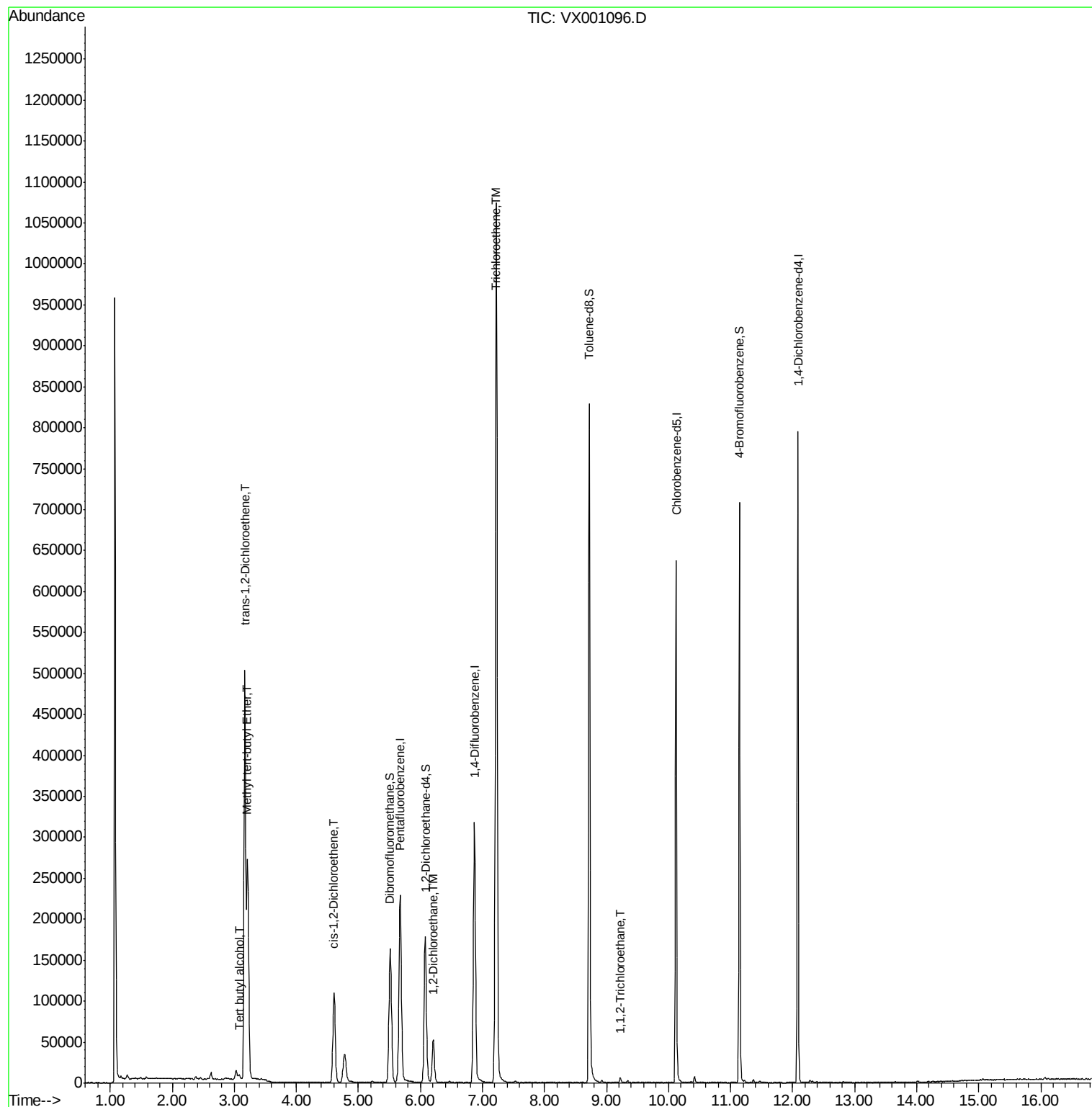
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	7012	15.33	ug/l	# 72
19) Methyl tert-butyl Ether	3.21	73	299225	38.19	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	205967	79.38	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	70271	24.31	ug/l	88
42) 1,2-Dichloroethane	6.21	62	57272	13.72	ug/l	99
44) Trichloroethene	7.22	130	422928	127.26	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	1468	0.52	ug/l	95

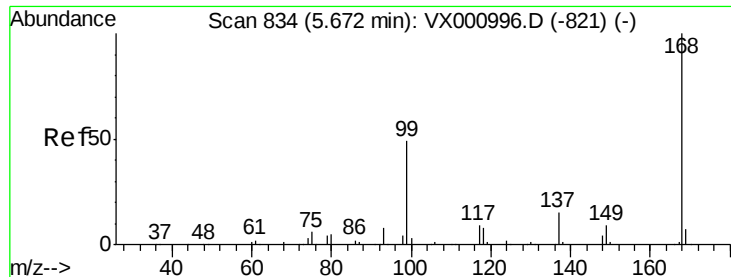
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001096.D

Acq: 25 Apr 2018 00:26

Instrument :

MSVOA_X

ClientSampleId :

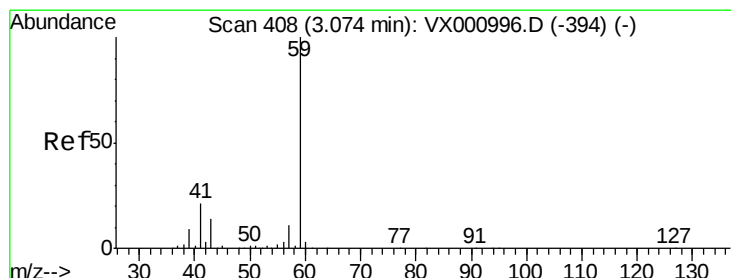
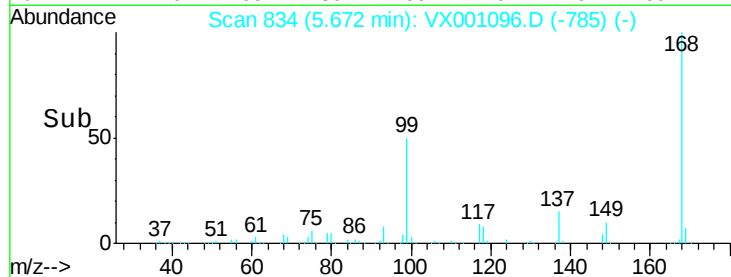
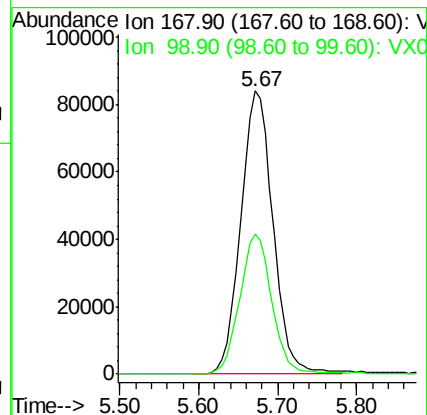
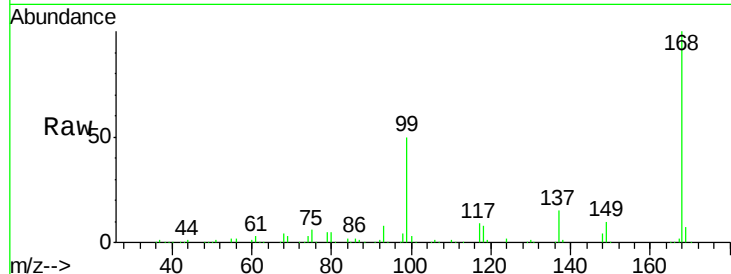
KY024MW068-180417

Tot Ion:168 Resp: 239213

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



#11

Tert butyl alcohol

Concen: 15.33 ug/l

RT: 3.07 min Scan# 408

Delta R.T. 0.00 min

Lab File: VX001096.D

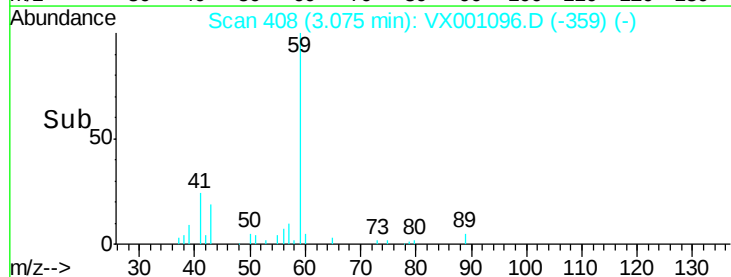
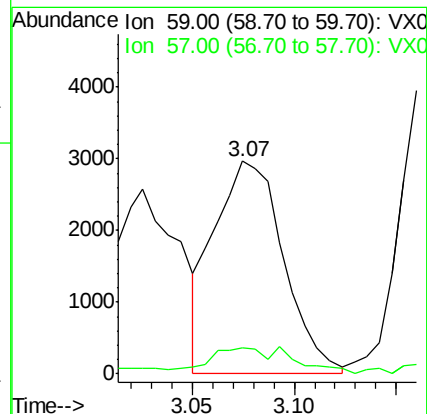
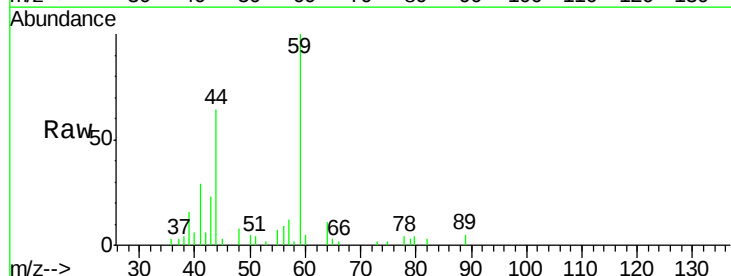
Acq: 25 Apr 2018 00:26

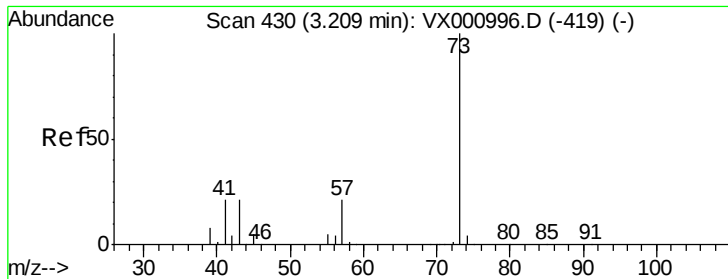
Tgt Ion: 59 Resp: 7012

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



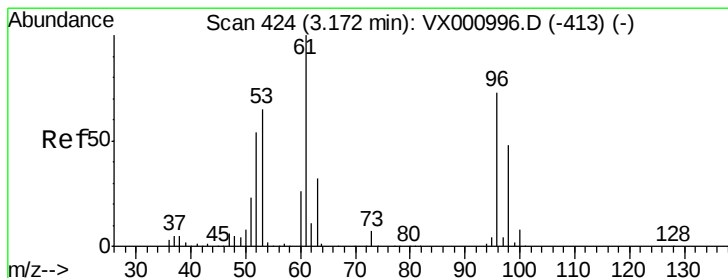
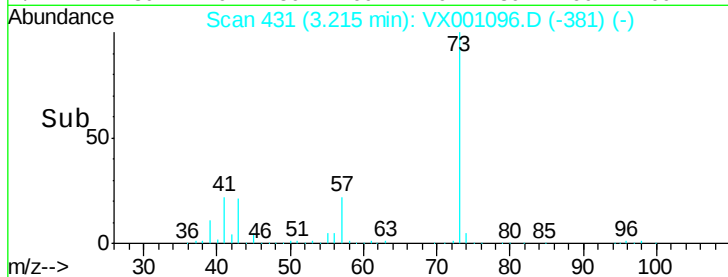
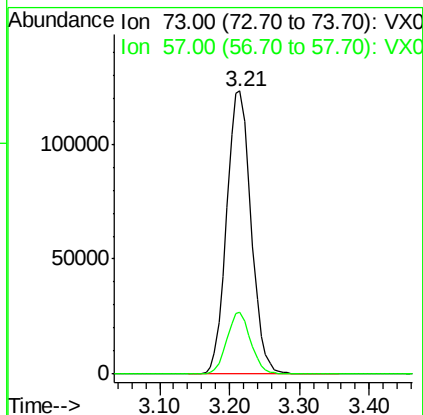
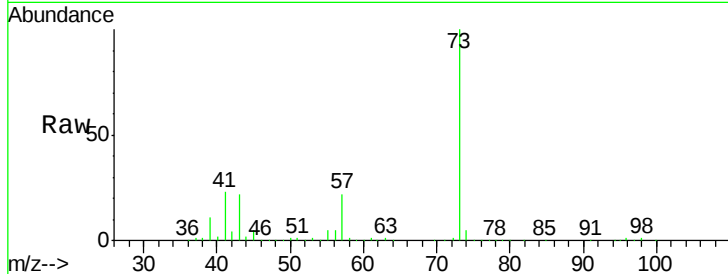


#19

Methvl tert-butvl Ether
 Concen: 38.19 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001096.D
 Acq: 25 Apr 2018 00:26

Instrument :
 MSVOA_X
 ClientSampleId :
 KY024MW068-180417

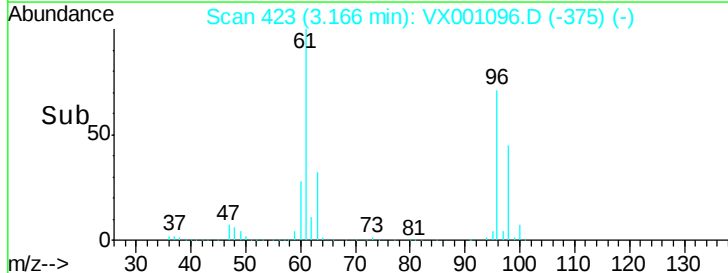
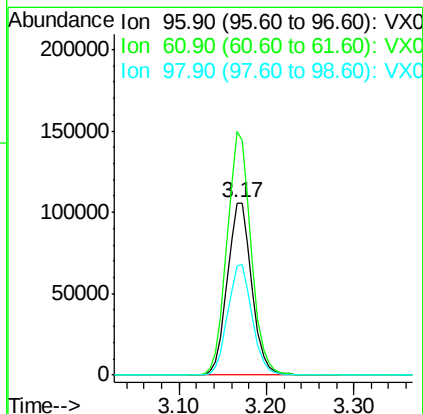
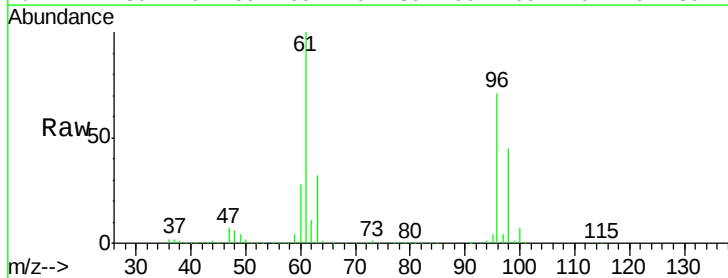
Tot Ion: 73 Resp: 299225
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.1 25.7

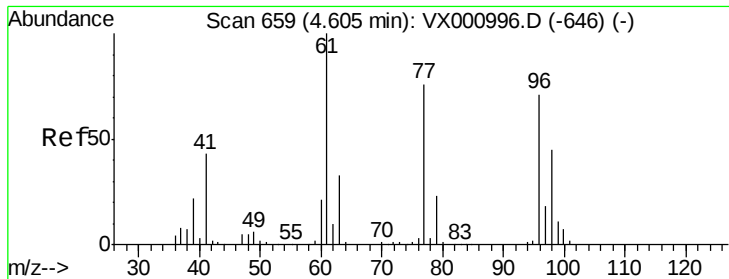


#21

trans-1,2-Dichloroethene
 Concen: 79.38 ug/l
 RT: 3.17 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX001096.D
 Acq: 25 Apr 2018 00:26

Tgt Ion: 96 Resp: 205967
 Ion Ratio Lower Upper
 96 100
 61 141.4 109.4 164.2
 98 63.3 52.6 78.8



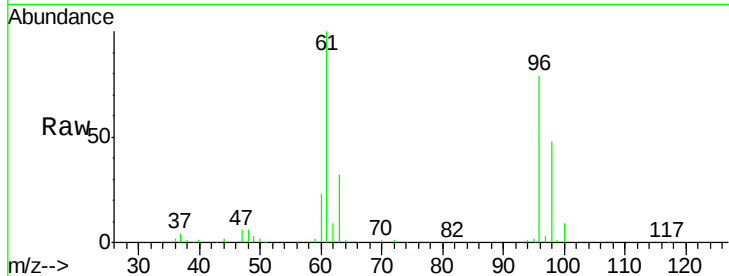


#27

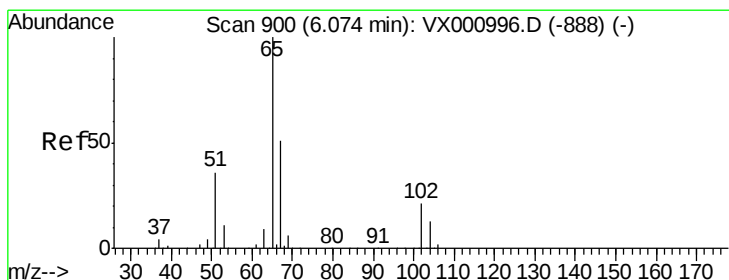
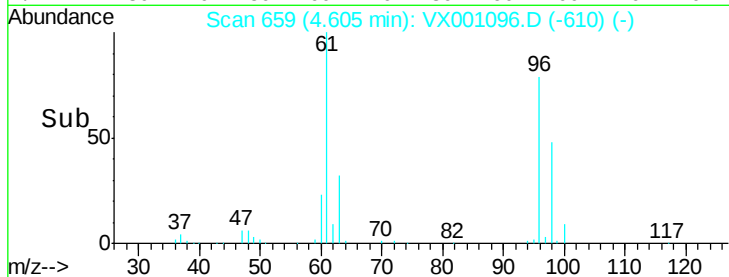
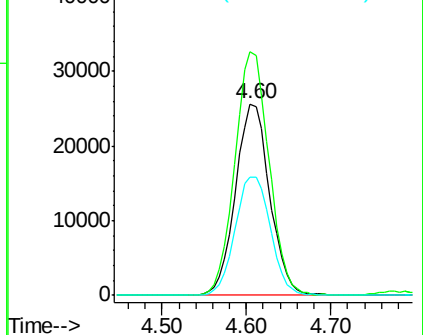
cis-1,2-Dichloroethene
Concen: 24.31 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001096.D
Acq: 25 Apr 2018 00:26

Instrument :
MSVOA_X
ClientSampleId :
KY024MW068-180417

Tot Ion: 96 Resp: 70271
Ion Ratio Lower Upper
96 100
61 127.4 0.0 297.0
98 64.2 0.0 130.0



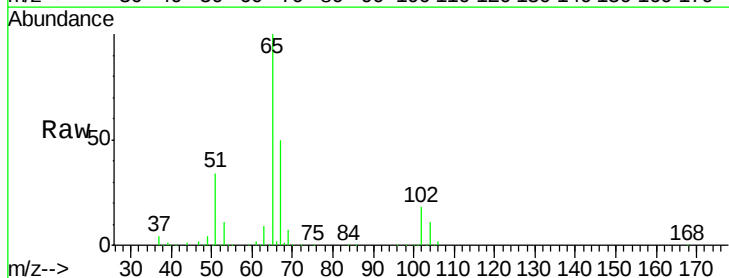
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



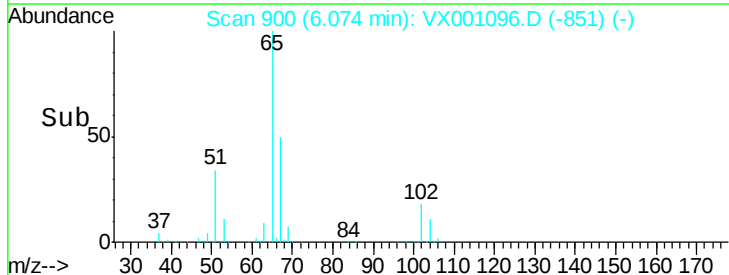
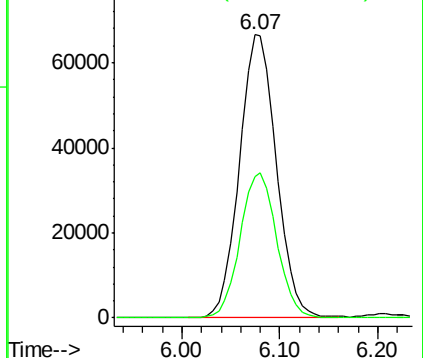
#33

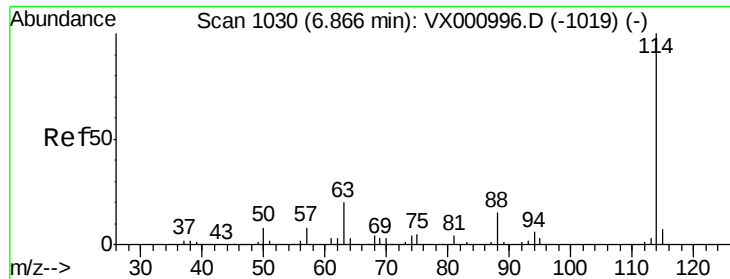
1,2-Dichloroethane-d4
Concen: 57.44 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001096.D
Acq: 25 Apr 2018 00:26

Tgt Ion: 65 Resp: 174181
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

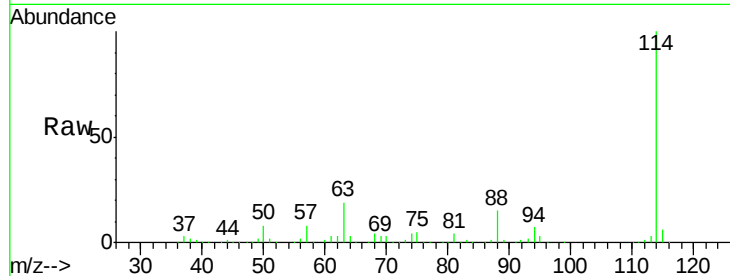




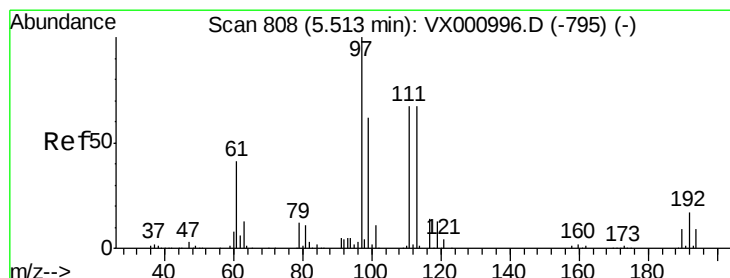
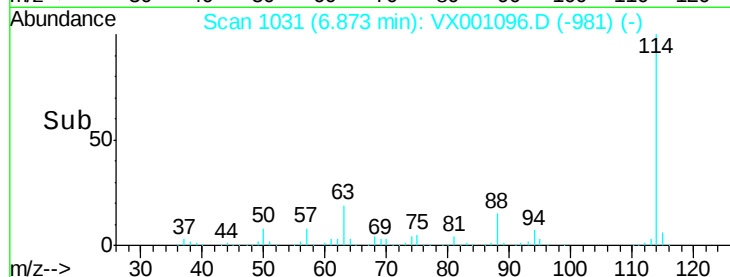
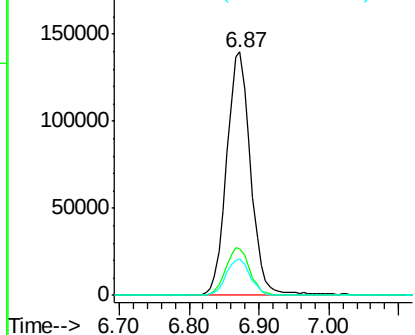
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001096.D
 Acq: 25 Apr 2018 00:26

Instrument :
 MSVOA_X
 ClientSampleId :
 KY024MW068-180417

Tot Ion:114 Resp: 332965
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.4
 88 15.1 0.0 29.8

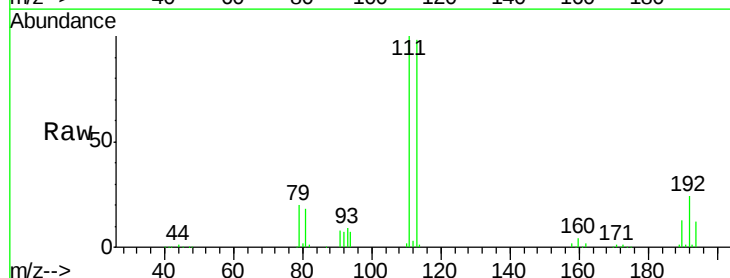


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

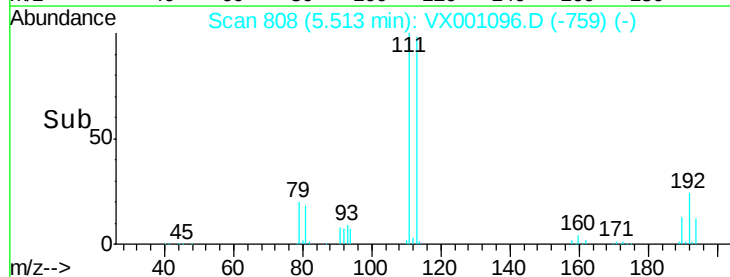
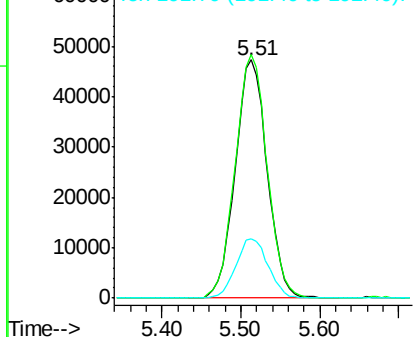


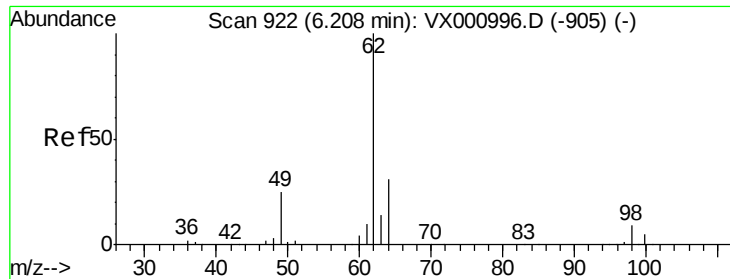
#35
 Dibromofluoromethane
 Concen: 52.48 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001096.D
 Acq: 25 Apr 2018 00:26

Tgt Ion:113 Resp: 133235
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.2
 192 25.3 20.4 30.6



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

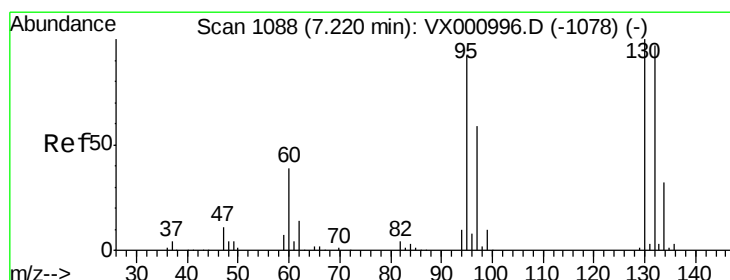
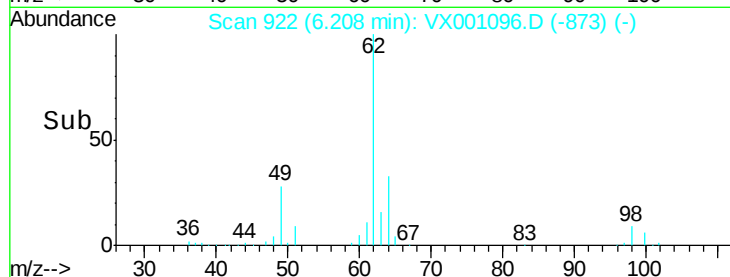
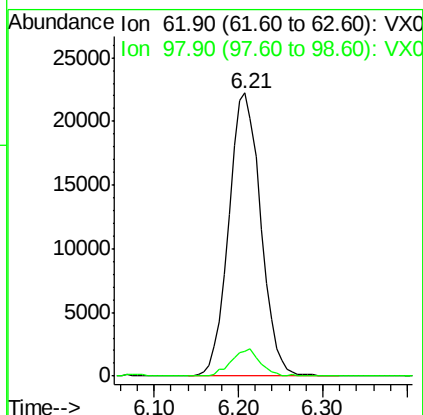
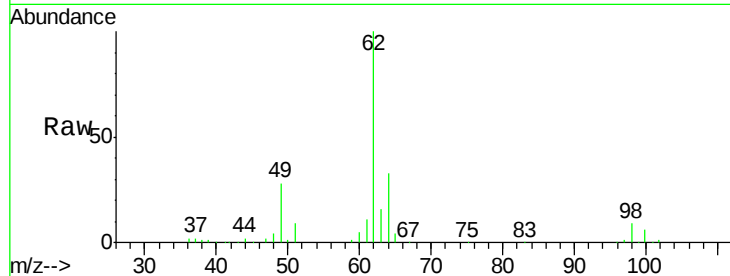




#42
 1,2-Dichloroethane
 Concen: 13.72 ug/l
 RT: 6.21 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VX001096.D
 Acq: 25 Apr 2018 00:26

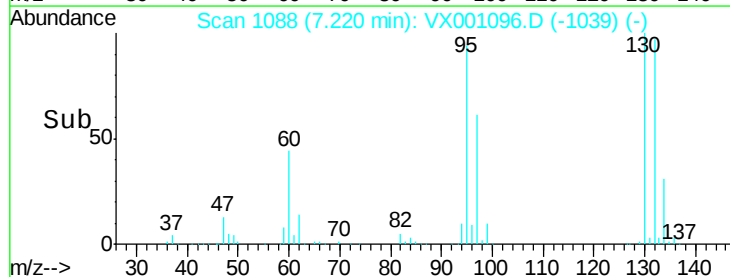
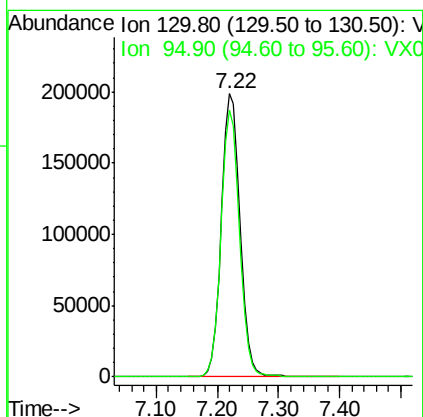
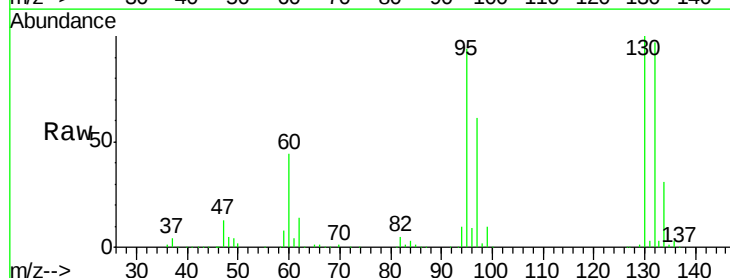
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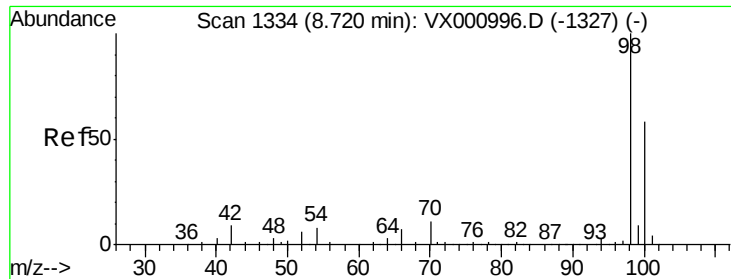
Tot Ion: 62 Resp: 57272
 Ion Ratio Lower Upper
 62 100
 98 8.6 0.0 17.6



#44
 Trichloroethene
 Concen: 127.26 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001096.D
 Acq: 25 Apr 2018 00:26

Tgt Ion:130 Resp: 422928
 Ion Ratio Lower Upper
 130 100
 95 94.3 0.0 184.2





#50

Toluene-d8

Concen: 54.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001096.D

Acq: 25 Apr 2018 00:26

Instrument :

MSVOA_X

ClientSampleId :

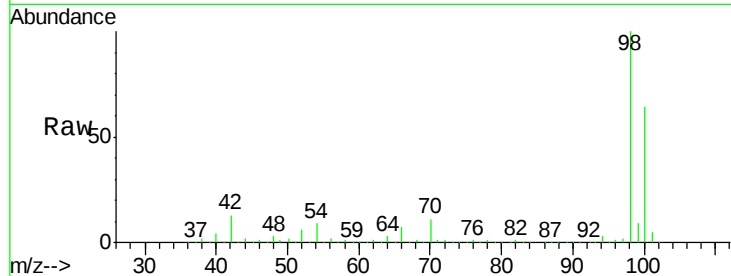
KY024MW068-180417

Tot Ion: 98 Resp: 511830

Ion Ratio Lower Upper

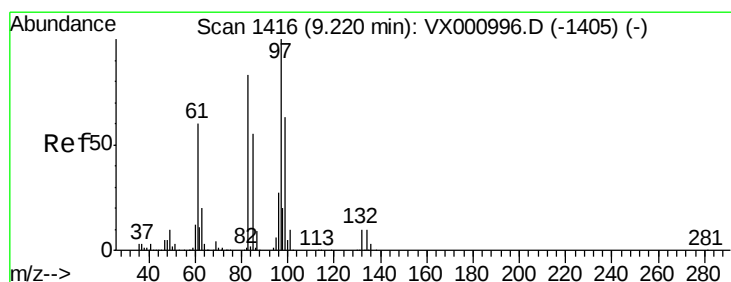
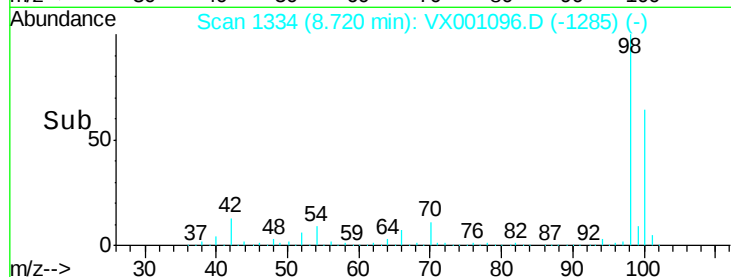
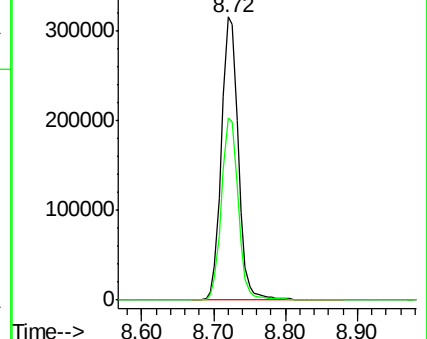
98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.52 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001096.D

Acq: 25 Apr 2018 00:26

Tgt Ion: 97 Resp: 1468

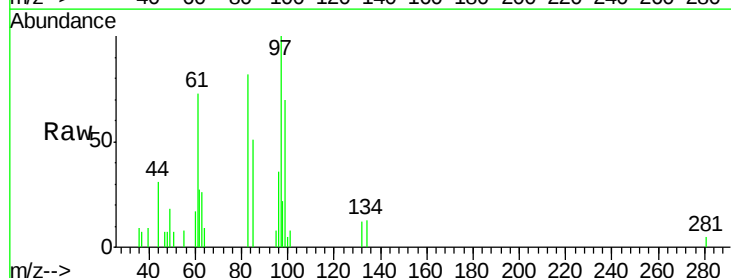
Ion Ratio Lower Upper

97 100

83 81.8 66.2 99.4

85 51.4 44.2 66.4

99 69.8 50.2 75.4

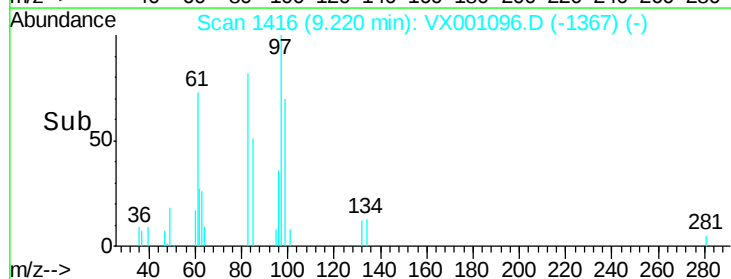
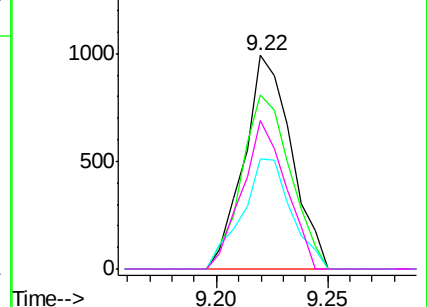


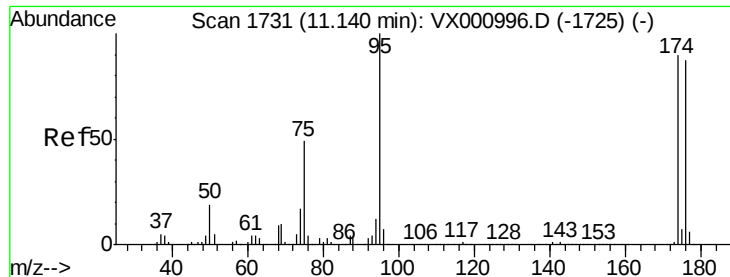
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

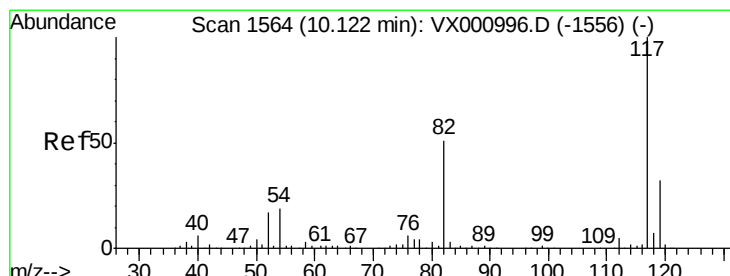
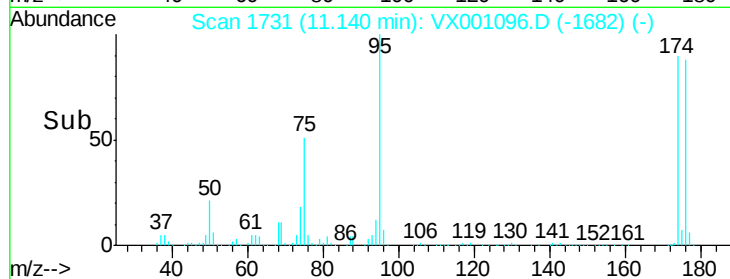
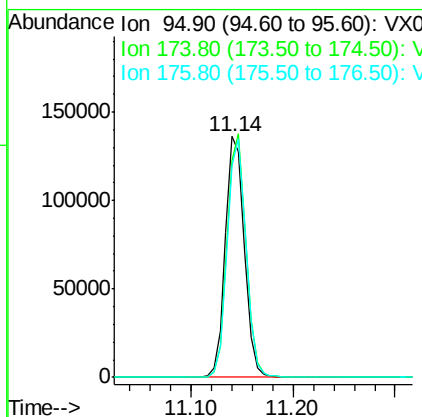
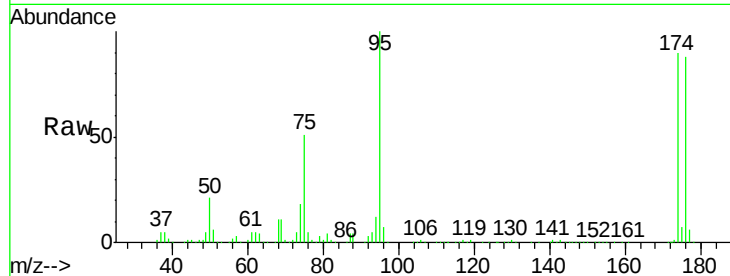




#62
4-Bromofluorobenzene
Concen: 44.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001096.D
Acq: 25 Apr 2018 00:26

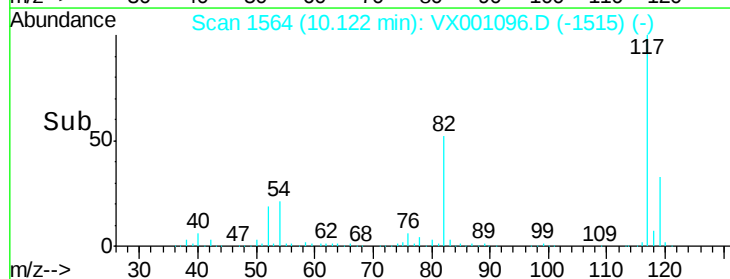
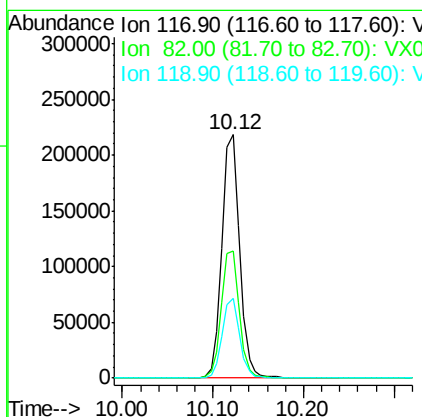
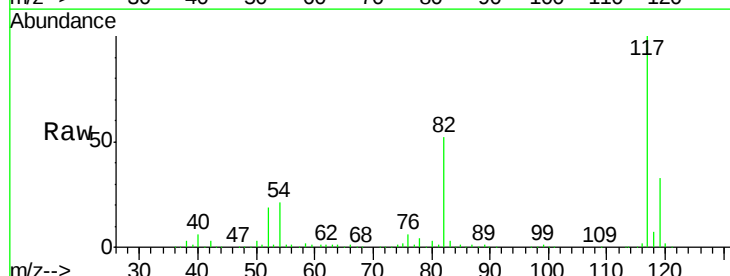
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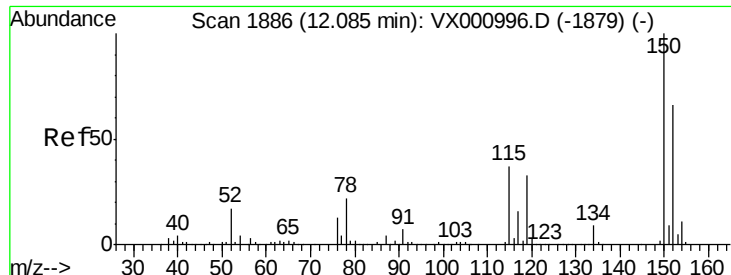
Tot Ion: 95 Resp: 175951
Ion Ratio Lower Upper
95 100
174 99.3 0.0 198.4
176 97.2 0.0 192.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001096.D
Acq: 25 Apr 2018 00:26

Tgt Ion: 117 Resp: 299722
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001096.D

Acq: 25 Apr 2018 00:26

Instrument :

MSVOA_X

ClientSampleId :

KY024MW068-180417

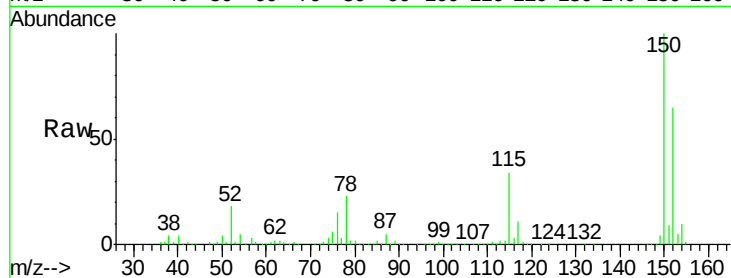
Tot Ion:152 Resp: 169092

Ion Ratio Lower Upper

152 100

115 53.6 38.2 114.6

150 156.1 0.0 350.4



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

