

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006575.D
 Acq On : 17 Dec 2018 16:19
 Operator : JC/MD
 Sample : J6405-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20181210

Quant Time: Dec 18 01:23:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	684486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1080661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	990053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	473911	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	379110	54.26	ug/l	0.00
Spiked Amount			Recovery	=	108.52%	
35) Dibromofluoromethane	5.51	113	330764	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
50) Toluene-d8	8.71	98	1280996	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	474199	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	

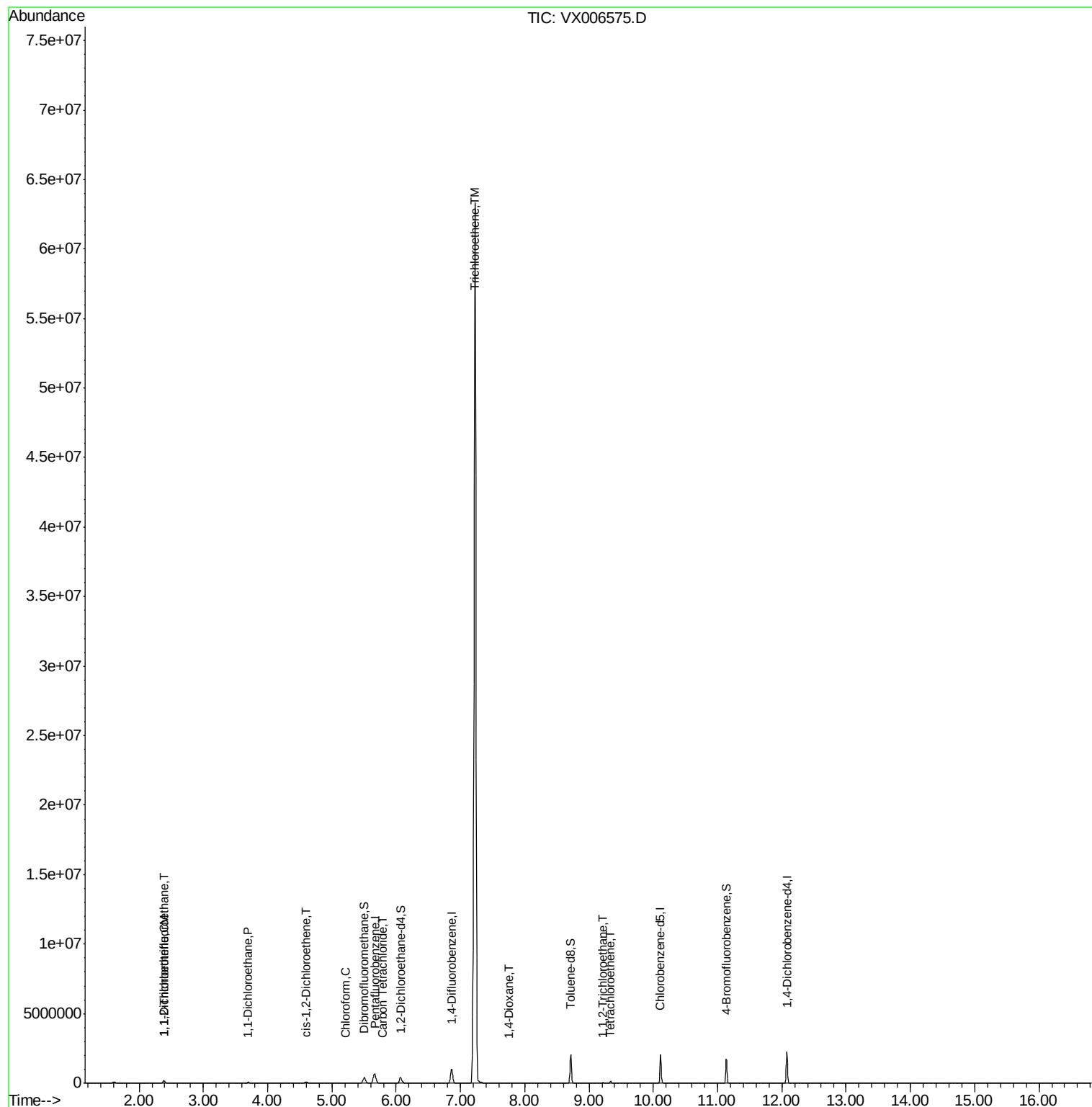
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37823	5.846	ug/l	98
12) 1,1-Dichloroethene	2.38	96	34520	5.573	ug/l	97
24) 1,1-Dichloroethane	3.70	63	38813	3.553	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	53409	7.254	ug/l	91
30) Chloroform	5.21	83	29189	2.543	ug/l	96
38) Carbon Tetrachloride	5.79	117	11729	1.096	ug/l #	92
44) Trichloroethene	7.22	130	21562211	2611.368	ug/l	87
49) 1,4-Dioxane	7.76	88	2595	12.737	ug/l #	63
55) 1,1,2-Trichloroethane	9.21	97	9602	1.318	ug/l	96
64) Tetrachloroethene	9.34	164	25367	3.402	ug/l	91

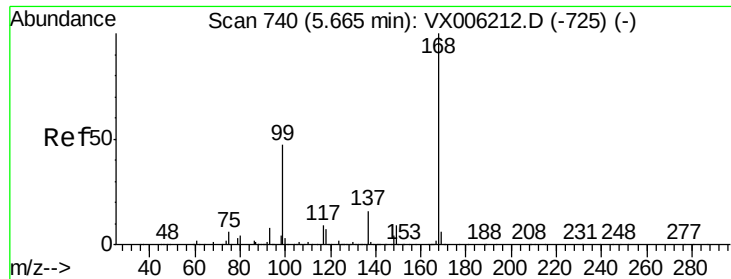
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
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DUP04-20181210

Quant Time: Dec 18 01:23:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

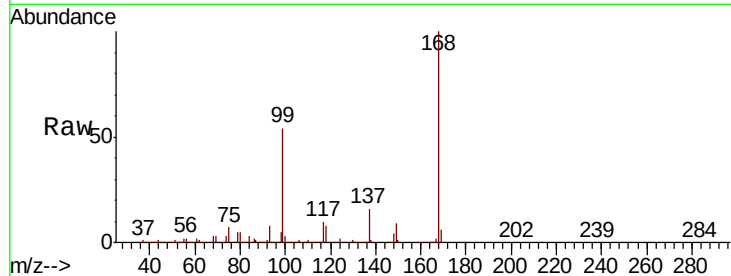
DUP04-20181210

Tot Ion:168 Resp: 684486

Ion Ratio Lower Upper

168 100

99 54.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

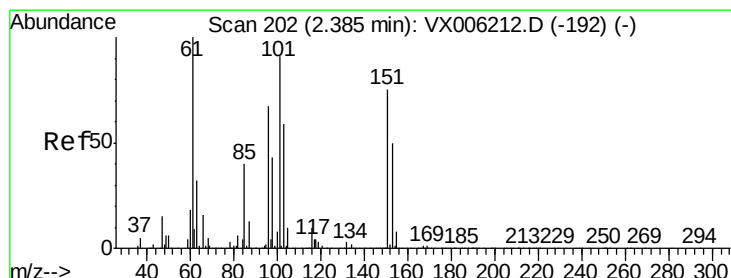
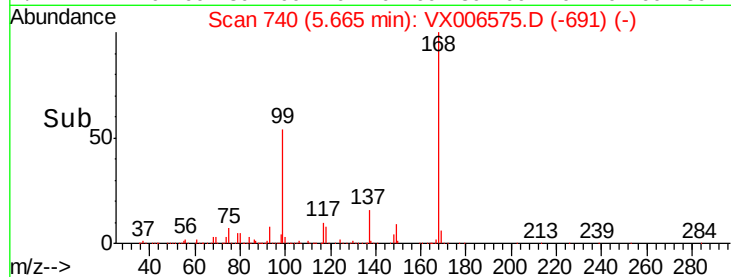
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.846 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

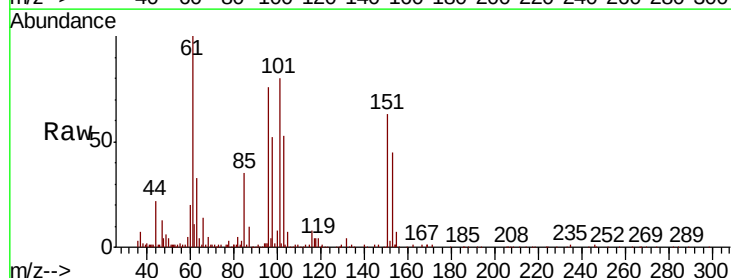
Tgt Ion:101 Resp: 37823

Ion Ratio Lower Upper

101 100

85 42.5 35.5 53.3

151 87.2 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

25000

20000

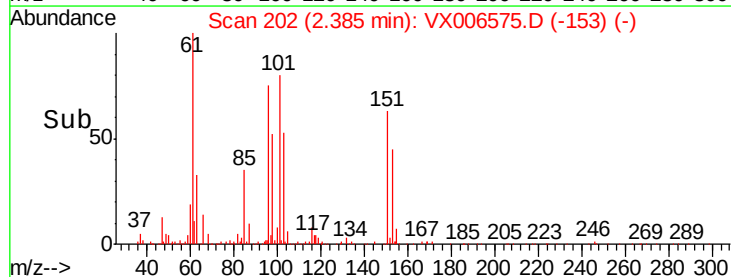
15000

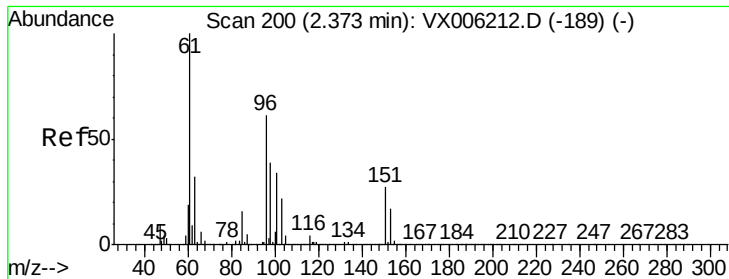
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5000

0

Time-->

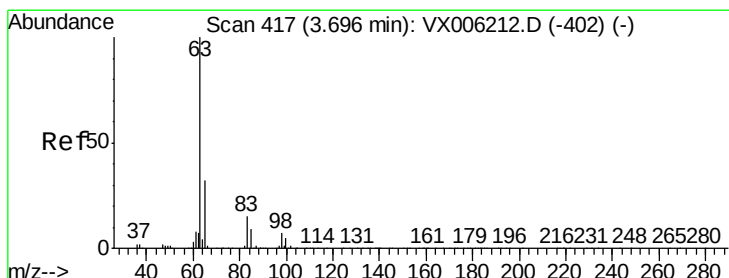
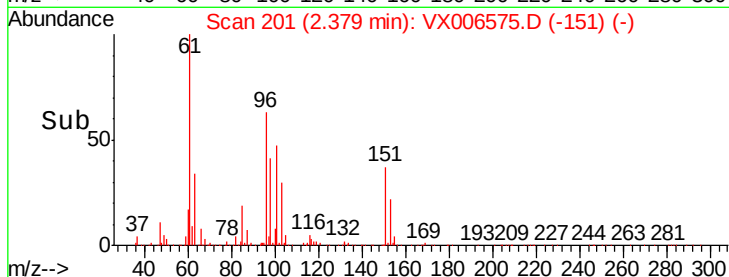
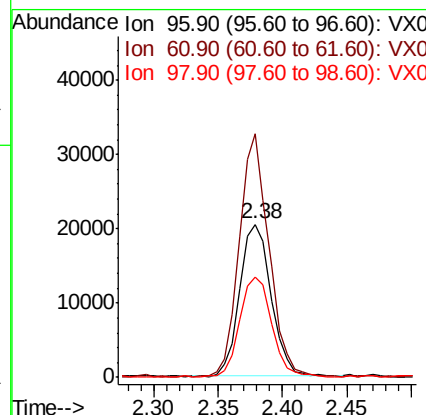
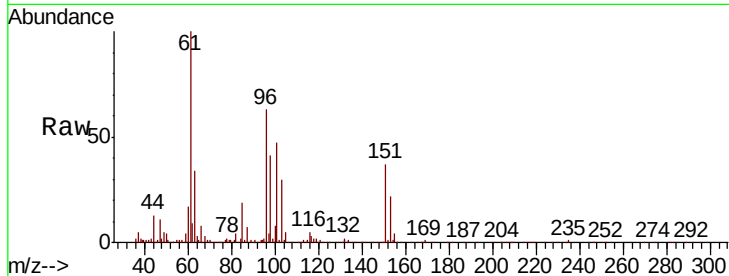




#12
 1,1-Dichloroethene
 Concen: 5.573 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006575.D
 Acq: 17 Dec 2018 16:19

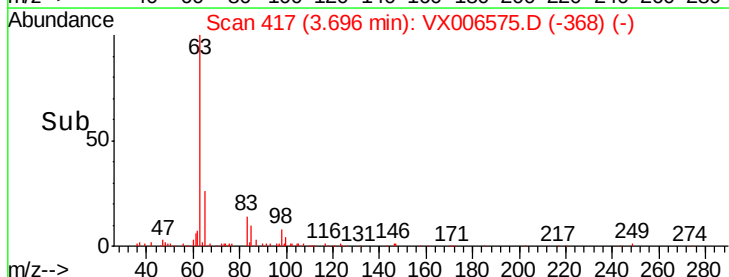
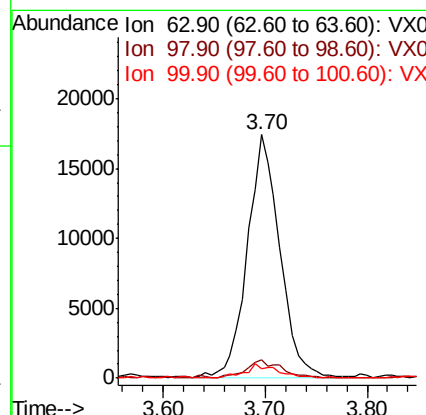
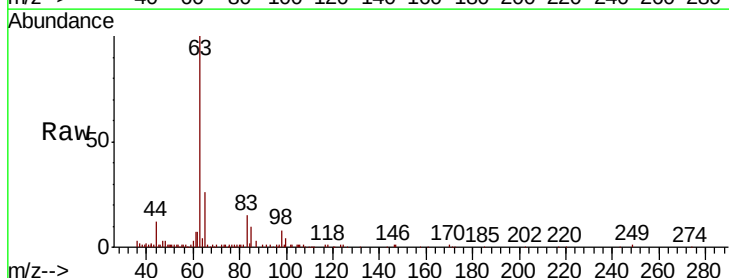
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20181210

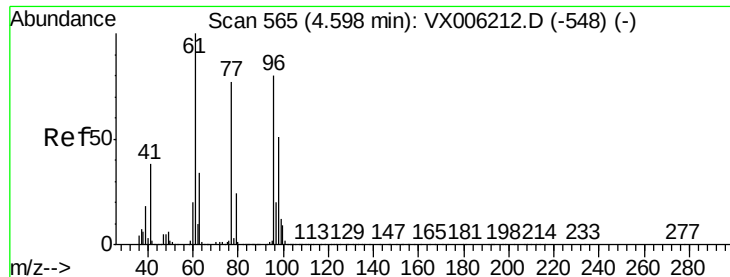
Tot Ion: 96 Resp: 34520
 Ion Ratio Lower Upper
 96 100
 61 159.6 131.7 197.5
 98 65.1 51.8 77.6



#24
 1,1-Dichloroethane
 Concen: 3.553 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX006575.D
 Acq: 17 Dec 2018 16:19

Tgt Ion: 63 Resp: 38813
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 3.6 2.5 7.4



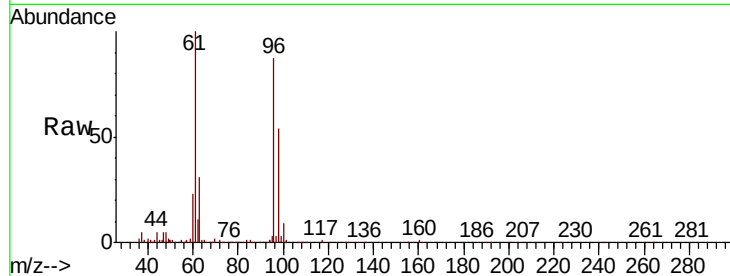


#27

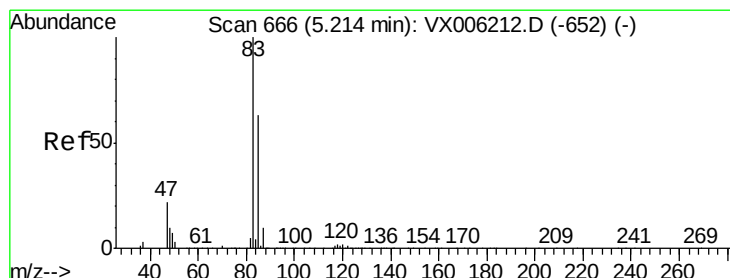
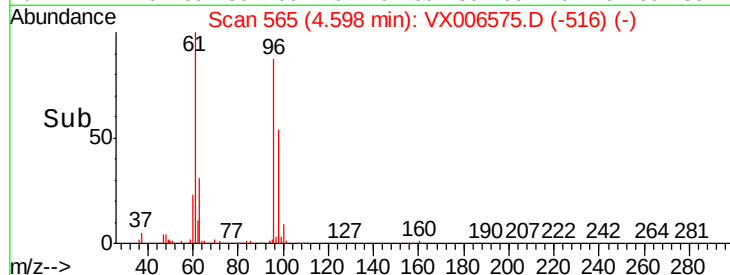
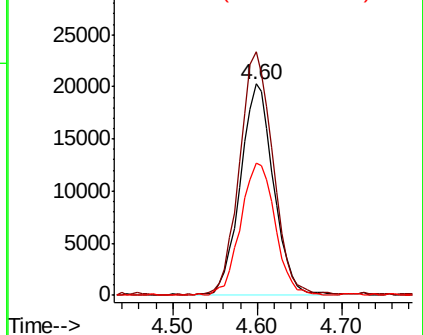
cis-1,2-Dichloroethene
Concen: 7.254 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006575.D
Acq: 17 Dec 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20181210

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.2	0.0	265.0
98	65.7	0.0	130.2



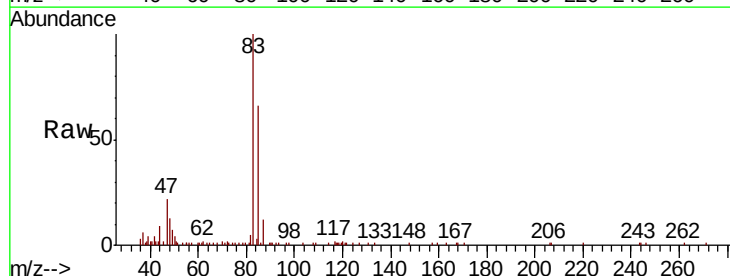
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



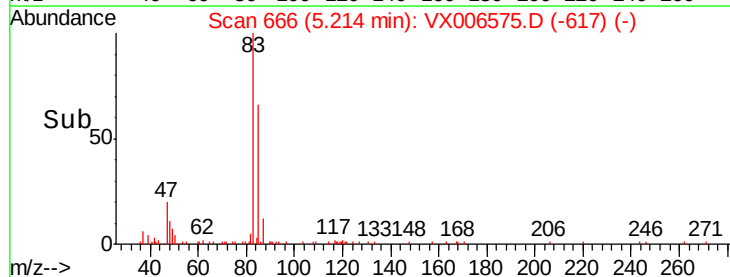
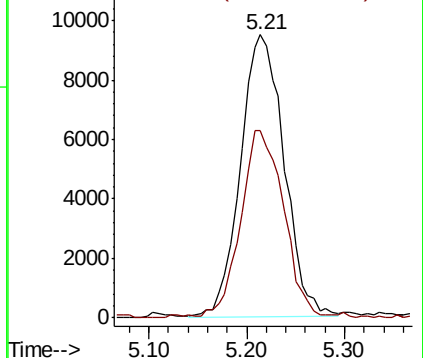
#30

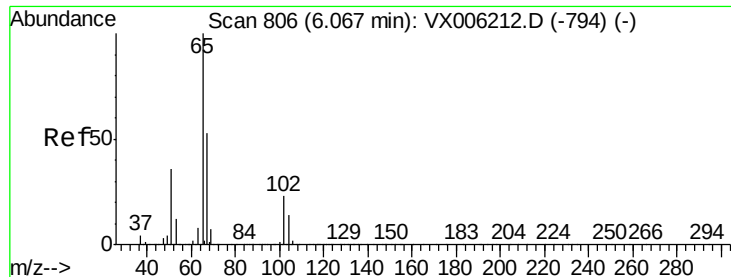
Chloroform
Concen: 2.543 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006575.D
Acq: 17 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.3	75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

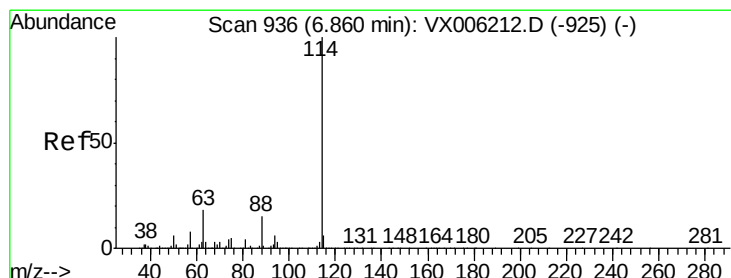
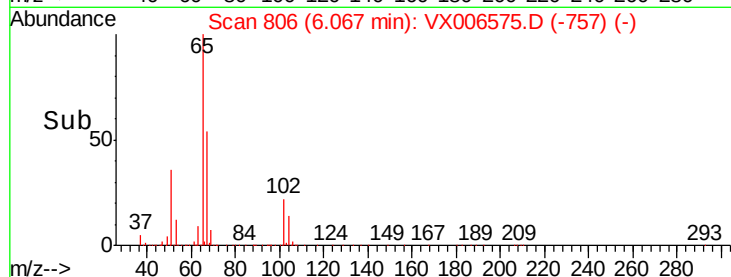
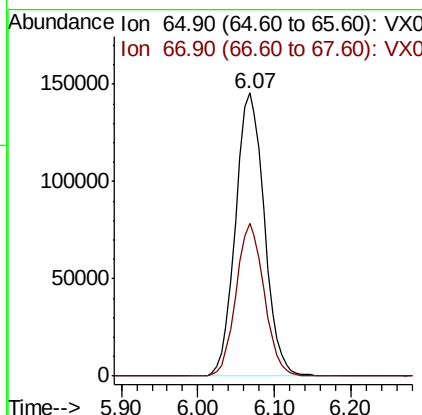
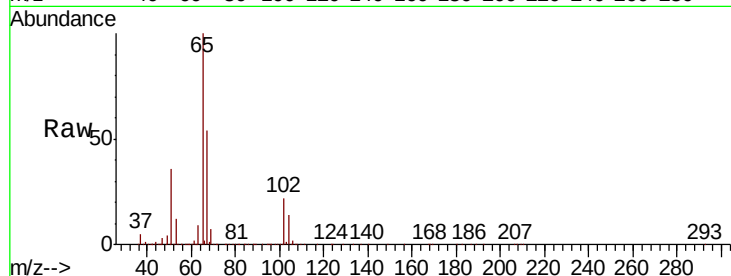




#33
 1,2-Dichloroethane-d4
 Concen: 54.255 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006575.D
 Acq: 17 Dec 2018 16:19

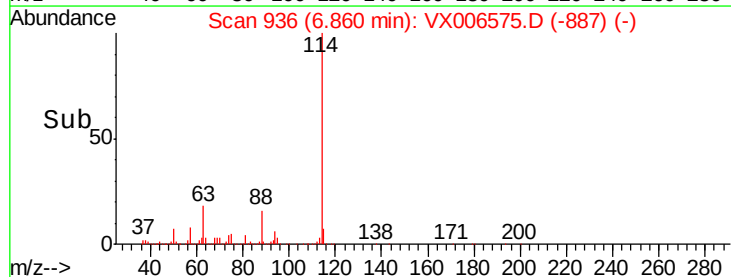
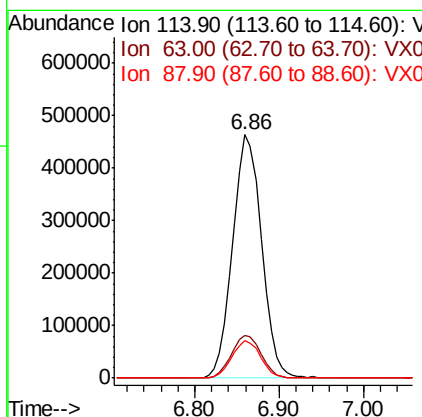
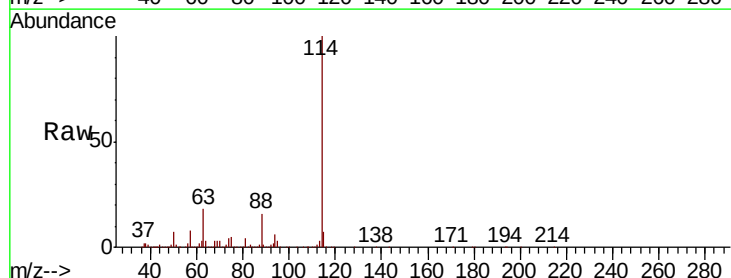
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20181210

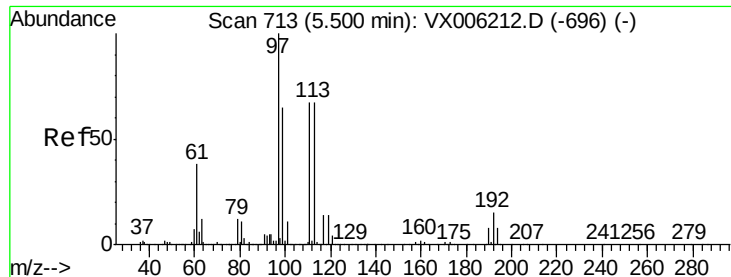
Tot Ion: 65 Resp: 379110
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006575.D
 Acq: 17 Dec 2018 16:19

Tgt Ion: 114 Resp: 1080661
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 15.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.273 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20181210

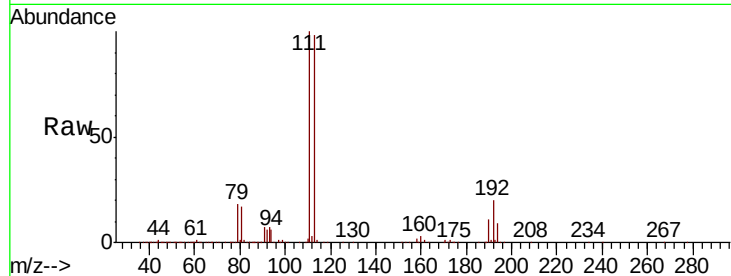
Tot Ion:113 Resp: 330764

Ion Ratio Lower Upper

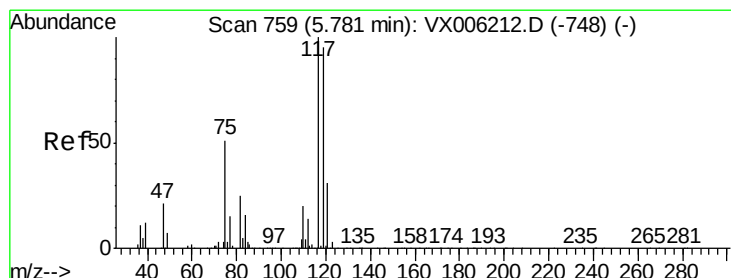
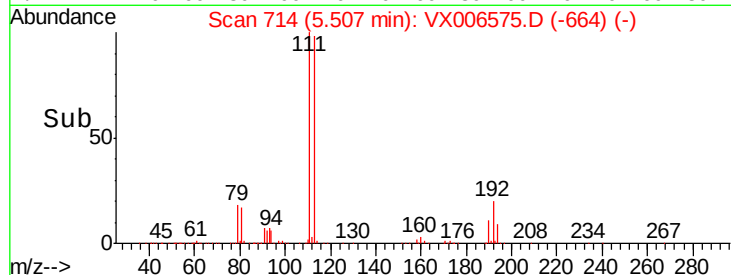
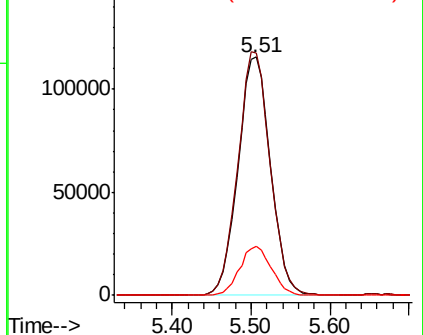
113 100

111 101.3 81.1 121.7

192 20.1 18.2 27.2



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



#38

Carbon Tetrachloride

Concen: 1.096 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

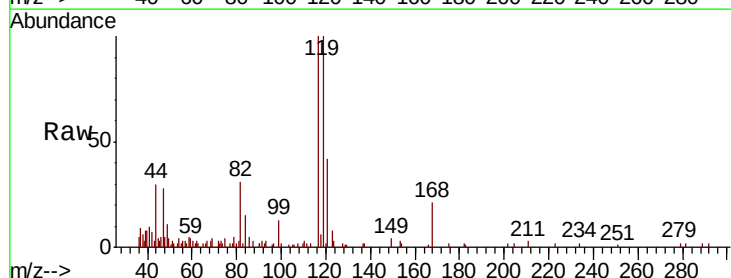
Tgt Ion:117 Resp: 11729

Ion Ratio Lower Upper

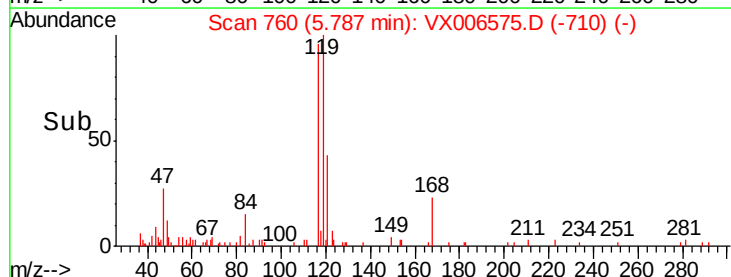
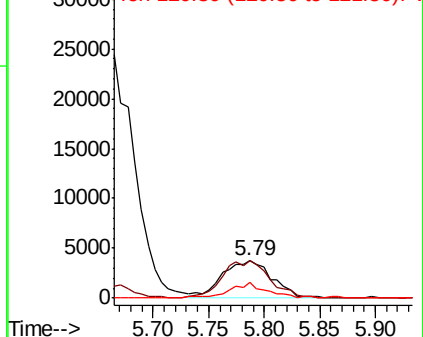
117 100

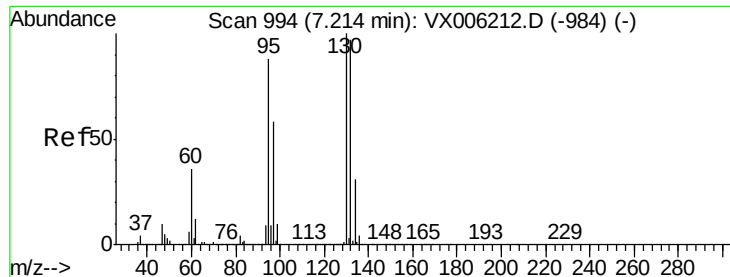
119 100.3 75.8 113.8

121 39.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 2611.368 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

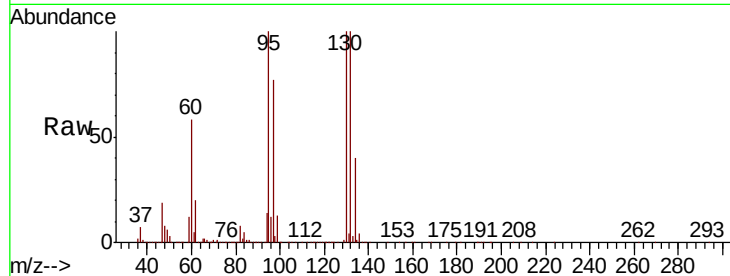
DUP04-20181210

Tot Ion:130 Resp:21562211

Ion Ratio Lower Upper

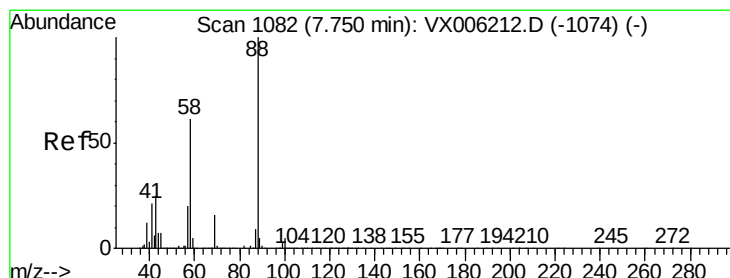
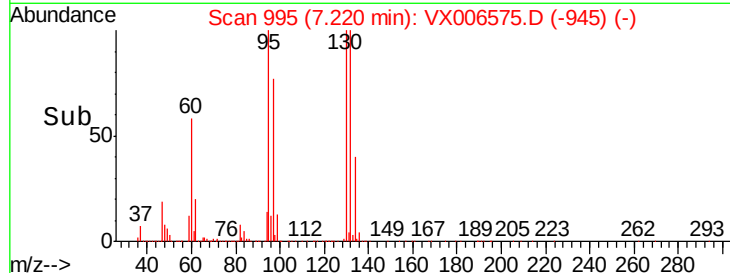
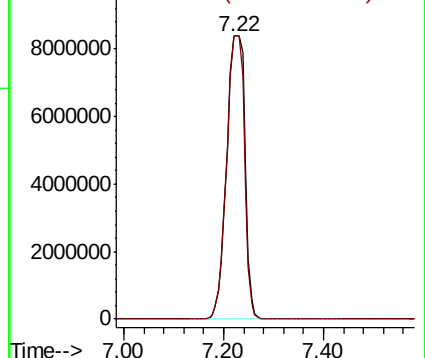
130 100

95 100.0 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 12.737 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

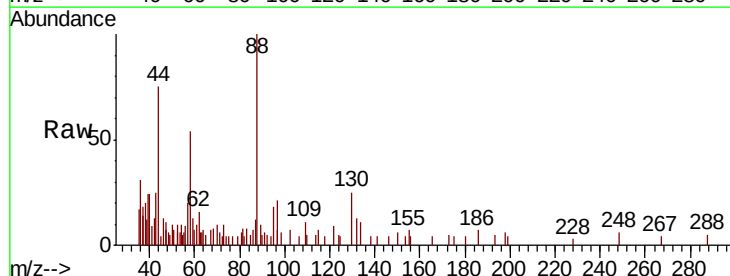
Tgt Ion: 88 Resp: 2595

Ion Ratio Lower Upper

88 100

43 57.0 23.2 34.8#

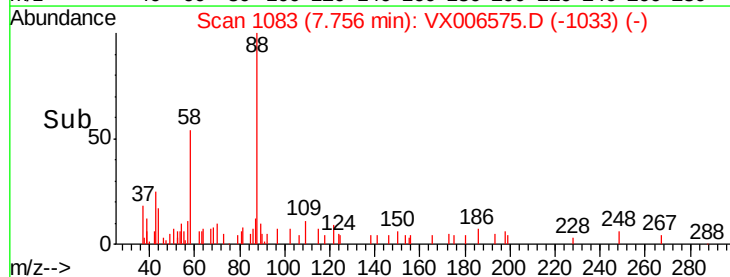
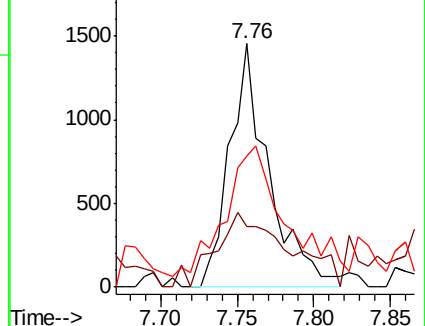
58 88.2 51.4 77.0#

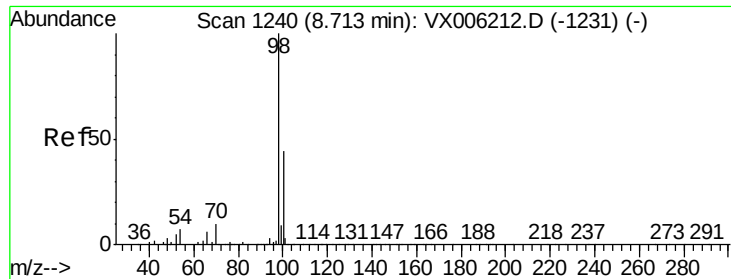


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.333 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

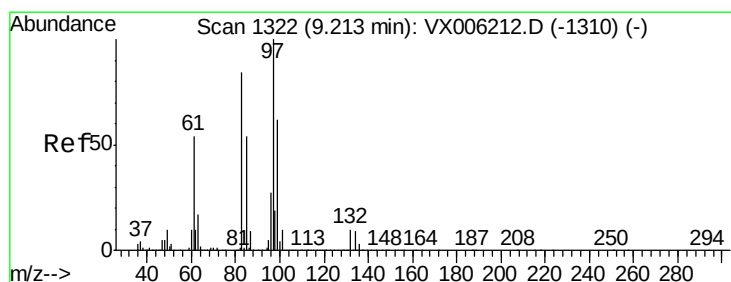
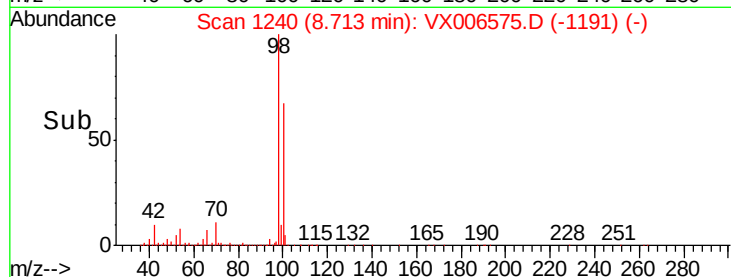
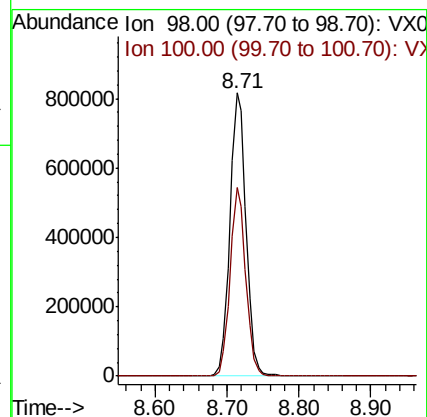
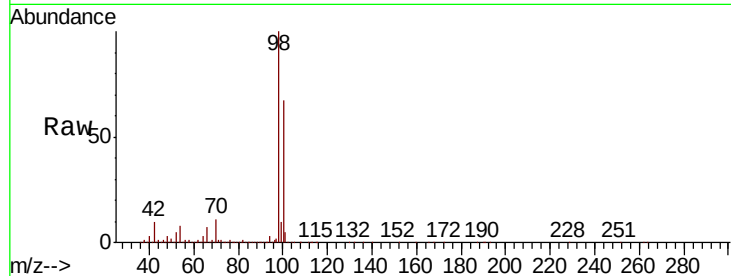
DUP04-20181210

Tot Ion: 98 Resp: 1280996

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#55

1,1,2-Trichloroethane

Concen: 1.318 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

Tgt Ion: 97 Resp: 9602

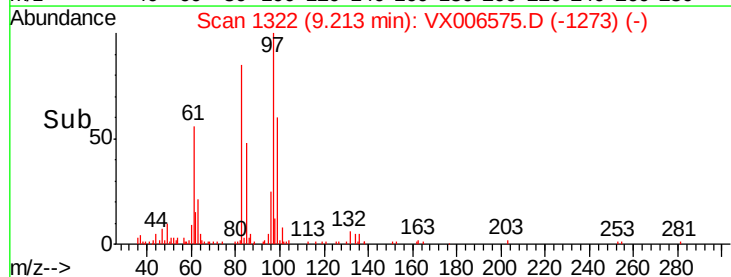
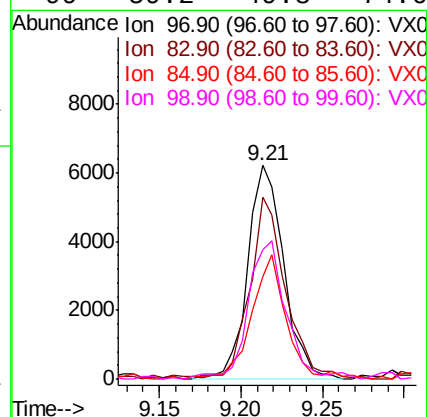
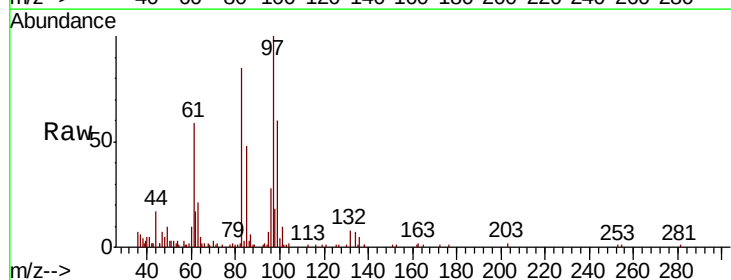
Ion Ratio Lower Upper

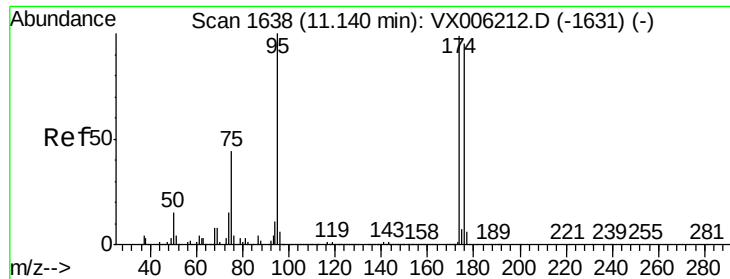
97 100

83 83.9 67.1 100.7

85 46.8 43.2 64.8

99 59.2 49.8 74.6





#62

4-Bromofluorobenzene

Concen: 49.445 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20181210

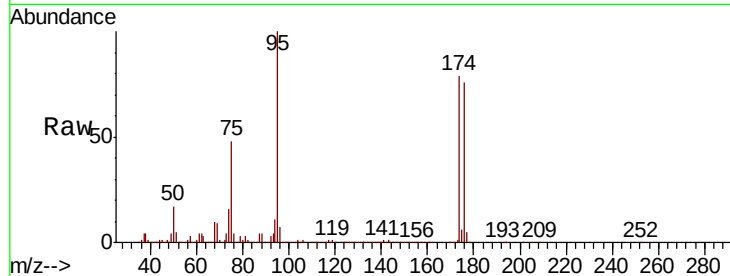
Tot Ion: 95 Resp: 474199

Ion Ratio Lower Upper

95 100

174 84.2 0.0 187.0

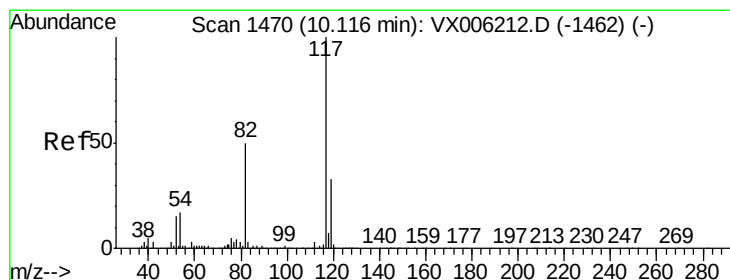
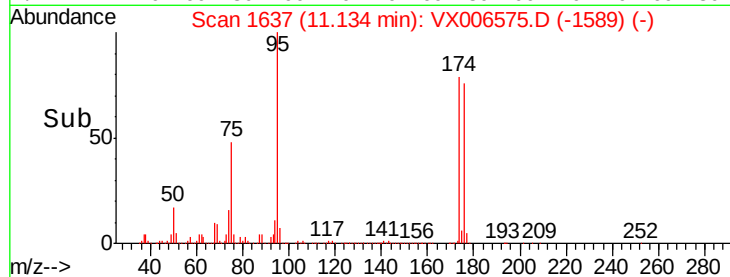
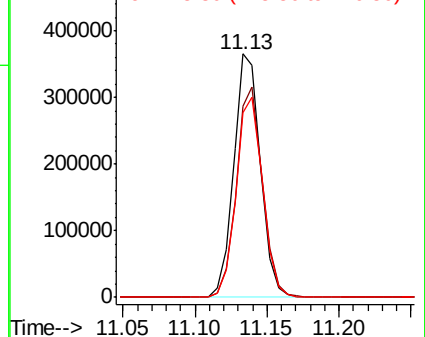
176 81.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

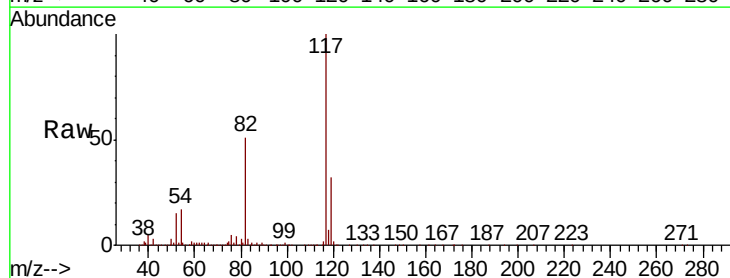
Tgt Ion: 117 Resp: 990053

Ion Ratio Lower Upper

117 100

82 50.9 39.6 59.4

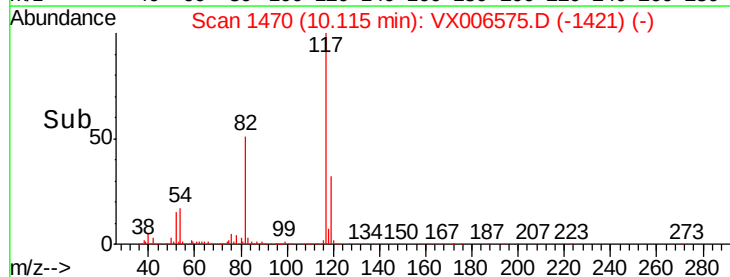
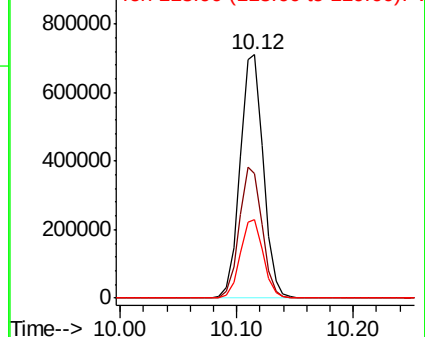
119 32.3 26.3 39.5

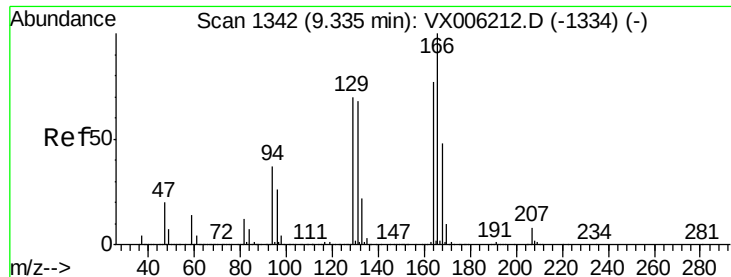


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.402 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20181210

Tot Ion:164 Resp: 25367

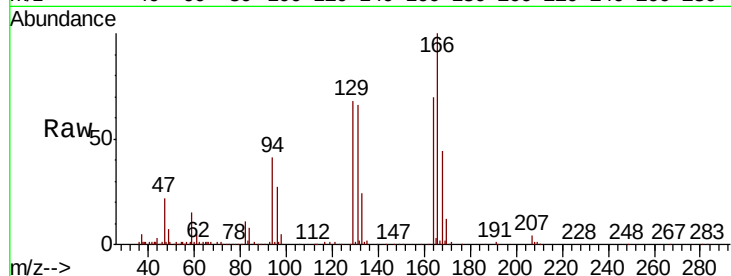
Ion Ratio Lower Upper

164 100

166 143.2 104.2 156.2

129 97.8 72.6 108.8

131 94.6 70.3 105.5

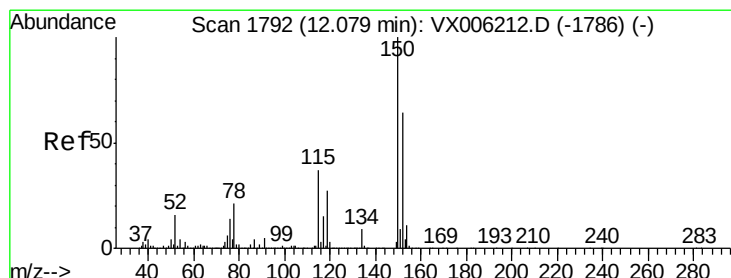
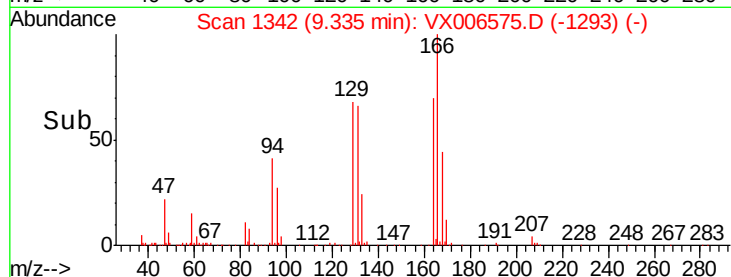
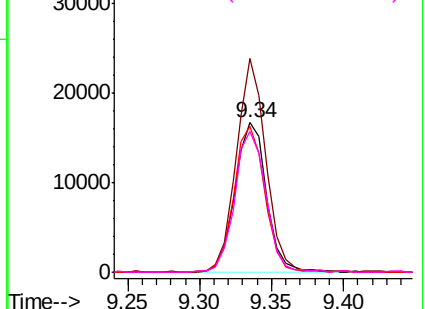


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006575.D

Acq: 17 Dec 2018 16:19

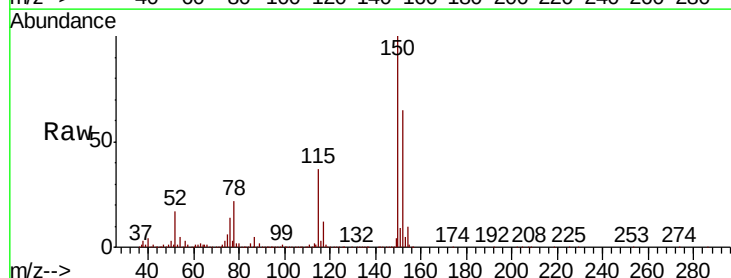
Tgt Ion:152 Resp: 473911

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

150 156.3 0.0 345.8



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

