

Data File : VX001673.D

Acq On : 12 May 2018 18:03

Operator : JC/MD

Sample : J2741-11DL 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-180502DL

Quant Time: May 14 06:02:19 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162871	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211151	56.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.00%	
35) Dibromofluoromethane	5.51	113	168258	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	8.72	98	592063	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.14	95	190724	43.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.92%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	991	Below Cal	#	69
11) Tert butyl alcohol	3.02	59	2513	3.19 ug/l	#	75
13) Acrolein	2.28	56	70	Below Cal	#	53
16) Acetone	2.45	43	1005	0.59 ug/l		90
20) Methylene Chloride	2.86	84	911	0.27 ug/l	#	88
27) cis-1,2-Dichloroethene	4.60	96	25928	7.58 ug/l		88
29) Tetrahydrofuran	5.17	42	406	0.26 ug/l	#	57
31) Cyclohexane	5.67	56	4558	0.95 ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	16197	3.62 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	22060	4.62 ug/l	#	17
44) Trichloroethene	7.22	130	13290	3.32 ug/l		100
55) 1,1,2-Trichloroethane	9.34	97	1140	0.33 ug/l	#	7
60) Dibromochloromethane	9.34	129	135359	38.36 ug/l	#	11
64) Tetrachloroethene	9.34	164	164209	38.35 ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	93253	28.23 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	93253	86.58 ug/l	#	7

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

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Sample : J2741-11DL 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 16 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-180502DL

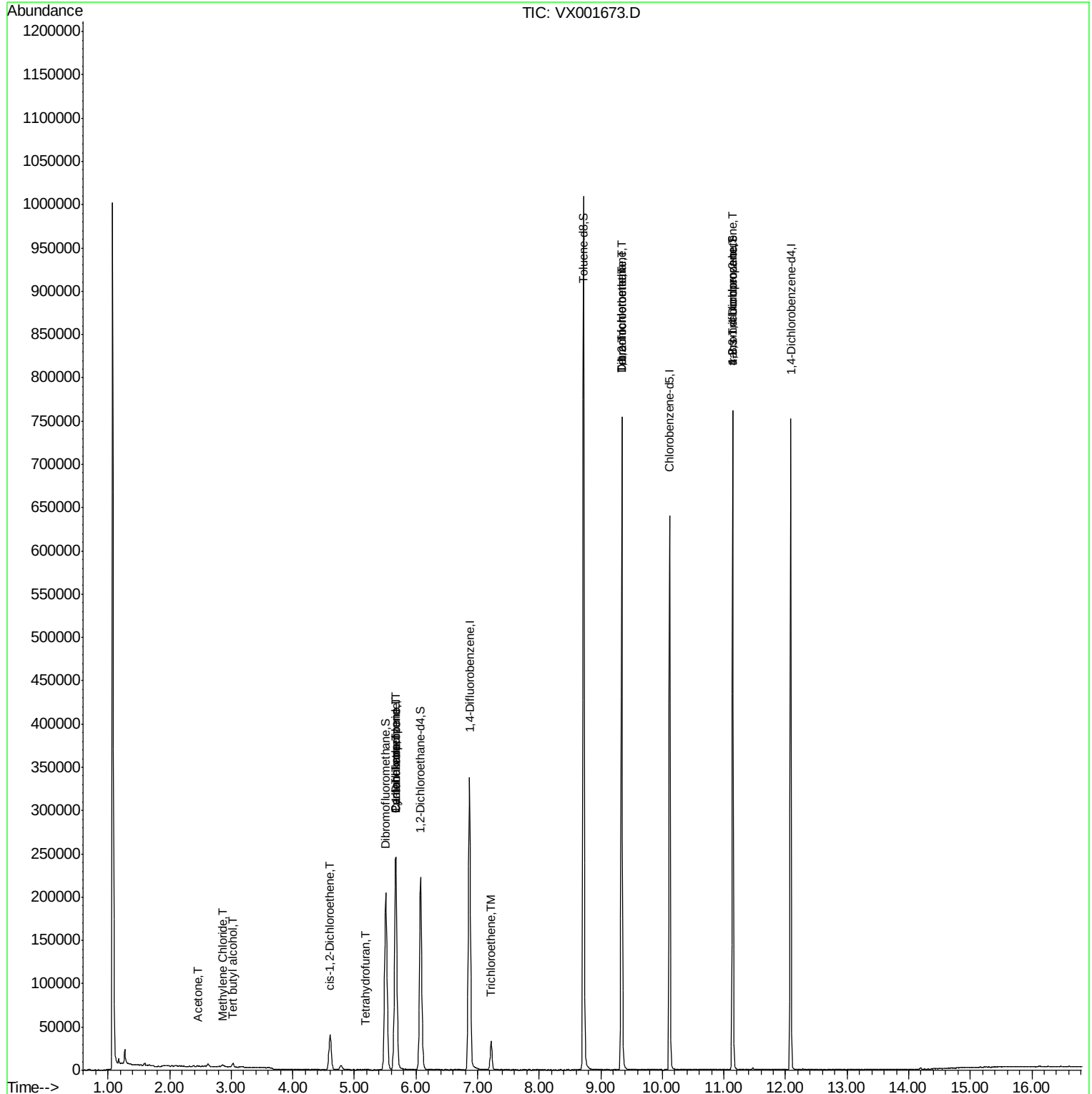
Quant Time: May 14 06:02:19 2018

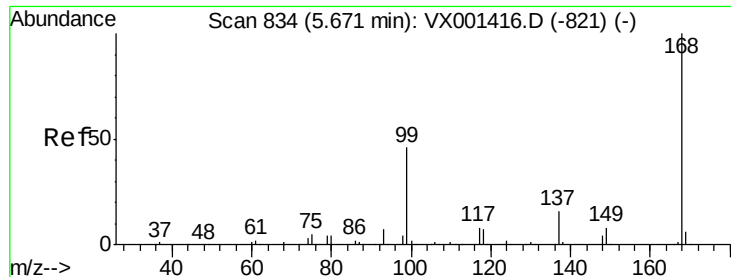
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

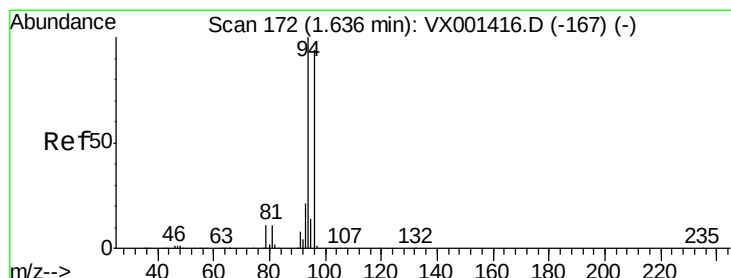
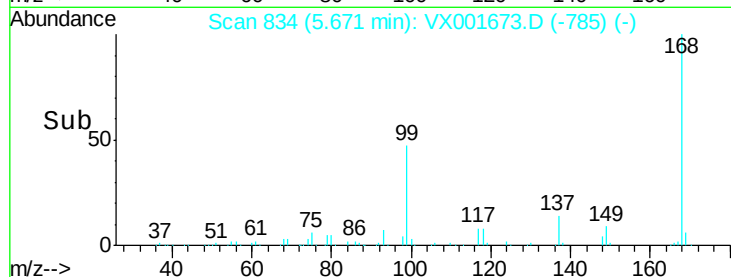
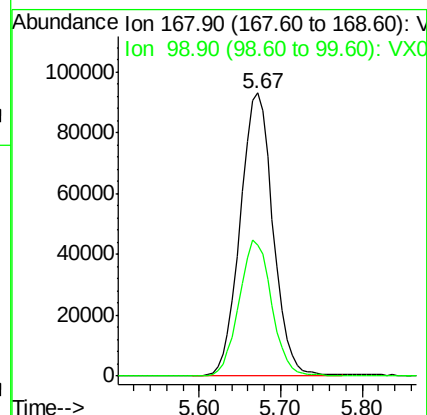
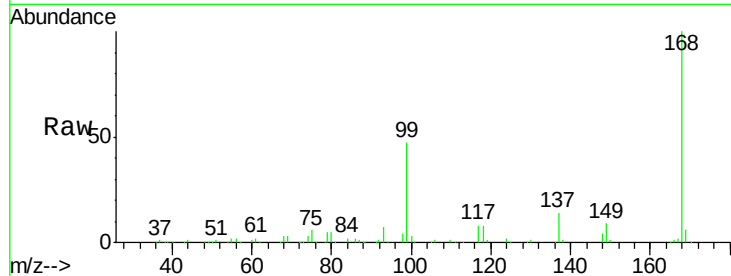




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001673.D
Acq: 12 May 2018 18:03

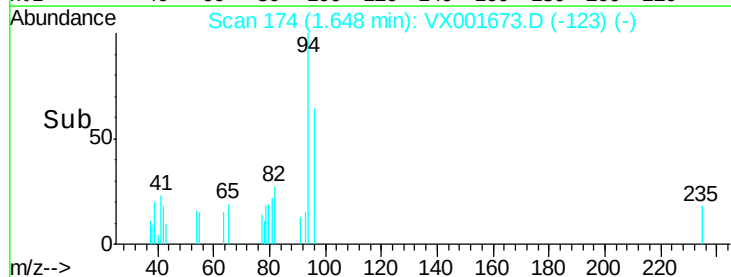
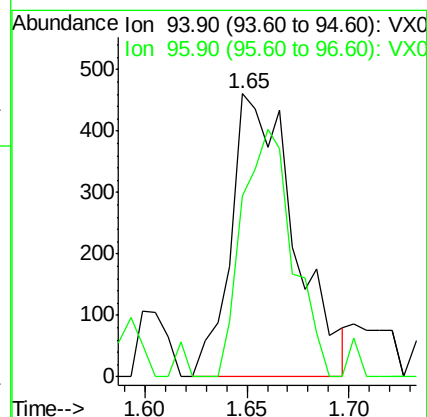
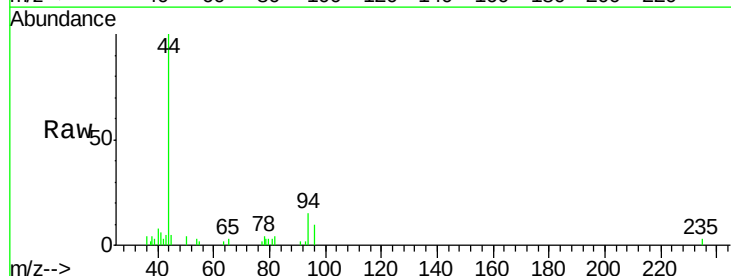
Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-180502DL

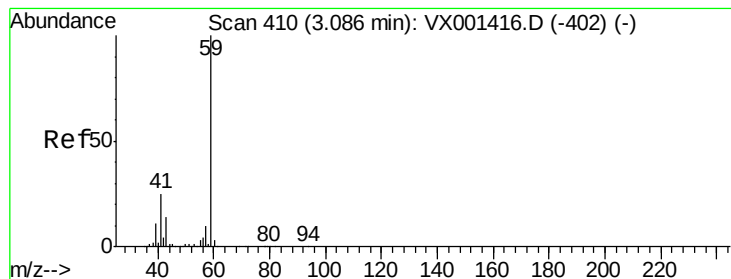
Tgt Ion:168 Resp: 260013
Ion Ratio Lower Upper
168 100
99 46.5 36.6 54.8



#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX001673.D
Acq: 12 May 2018 18:03

Tgt Ion: 94 Resp: 991
Ion Ratio Lower Upper
94 100
96 64.0 75.0 112.6#



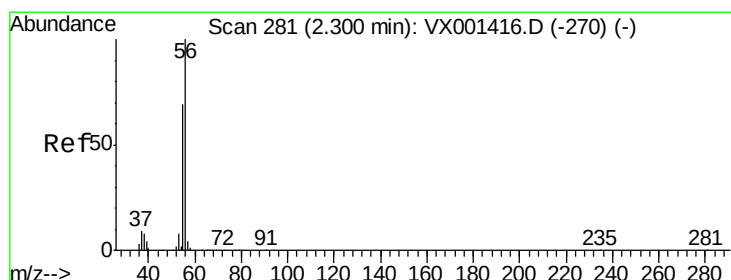
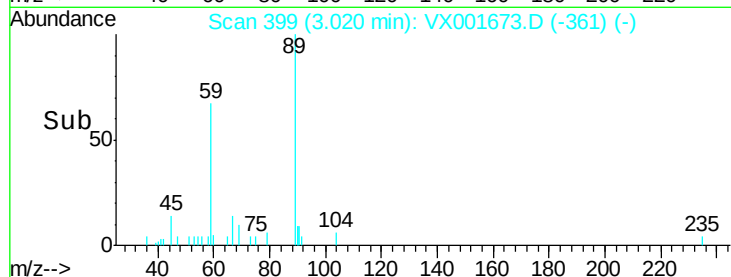
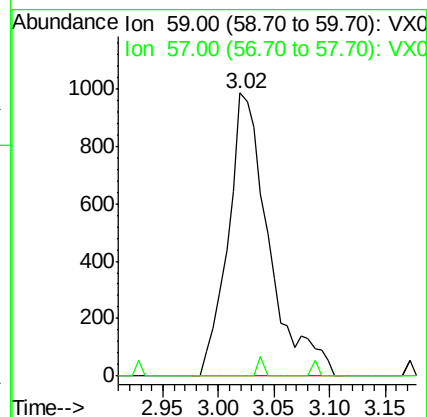
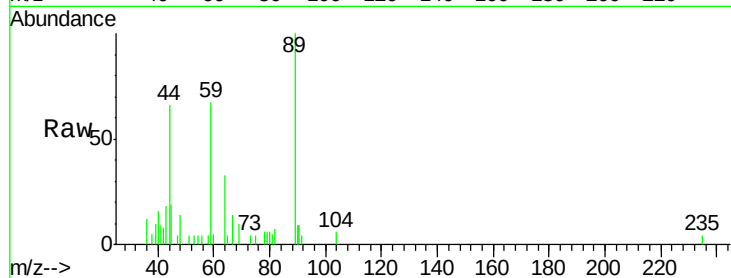


#11

Tert butyl alcohol
Concen: 3.19 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX001673.D
Acq: 12 May 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-180502DL

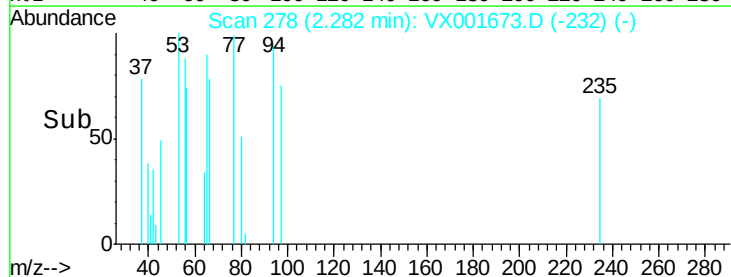
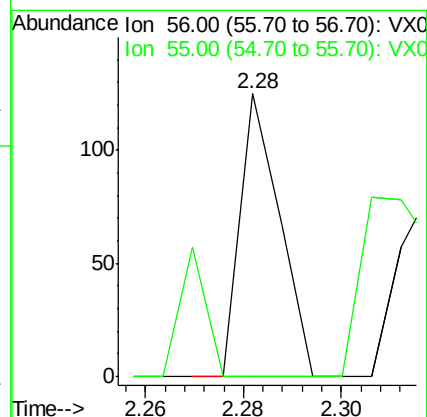
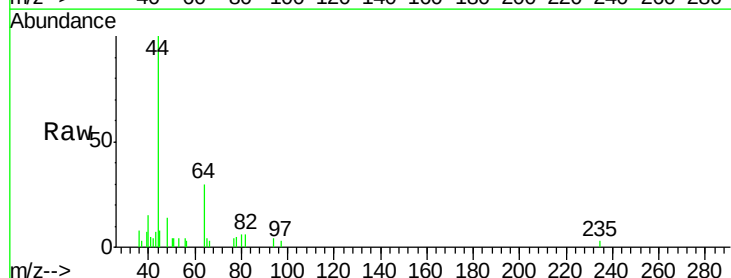
Tgt Ion: 59 Resp: 2513
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.4#

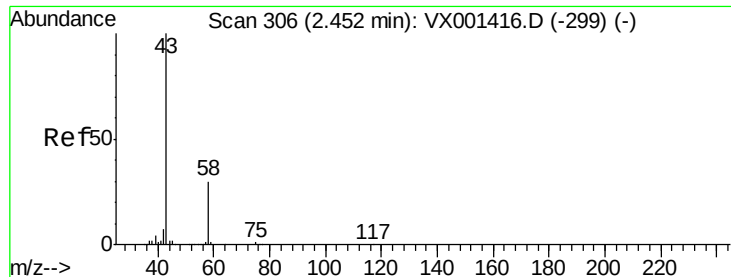


#13

Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX001673.D
Acq: 12 May 2018 18:03

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 30.0 54.5 81.7#





#16

Acetone

Concen: 0.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001673.D

Acq: 12 May 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

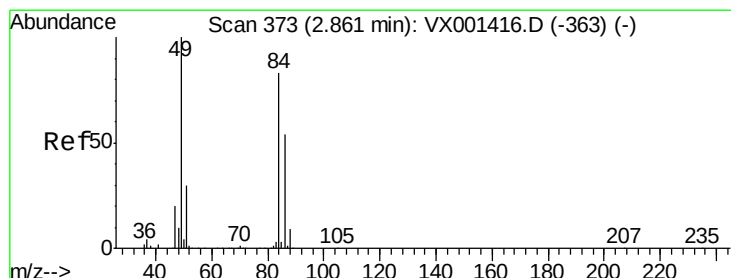
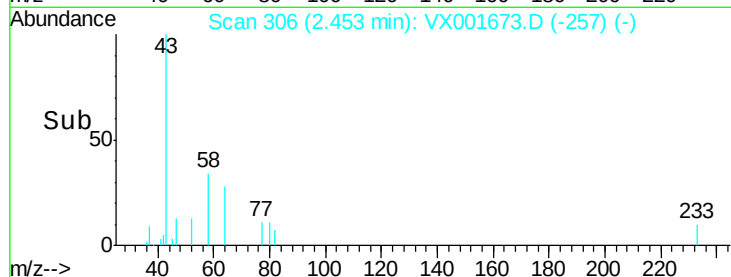
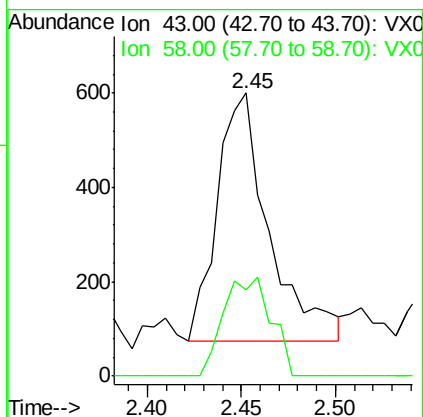
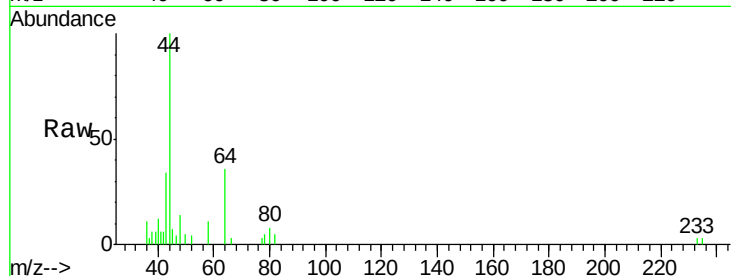
SS037MW304-180502DL

Tgt Ion: 43 Resp: 1005

Ion Ratio Lower Upper

43 100

58 35.0 23.8 35.8



#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001673.D

Acq: 12 May 2018 18:03

Tgt Ion: 84 Resp: 911

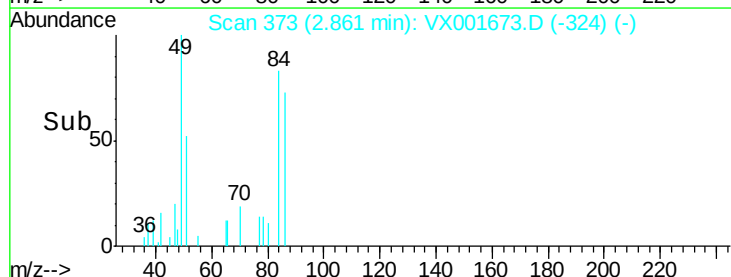
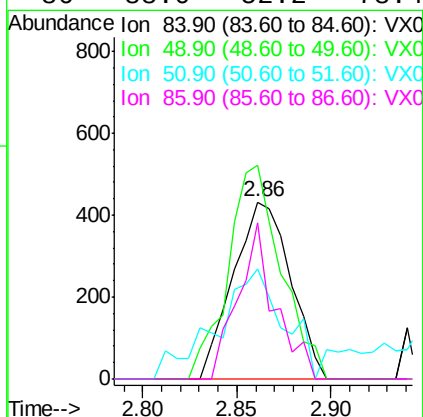
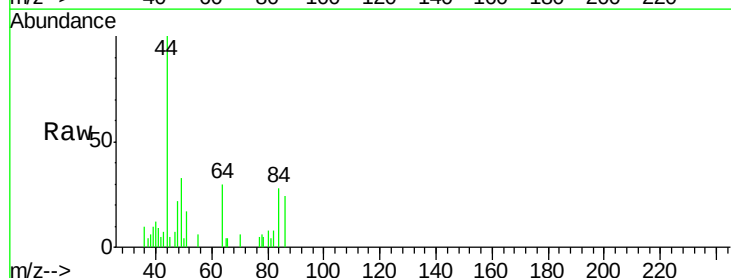
Ion Ratio Lower Upper

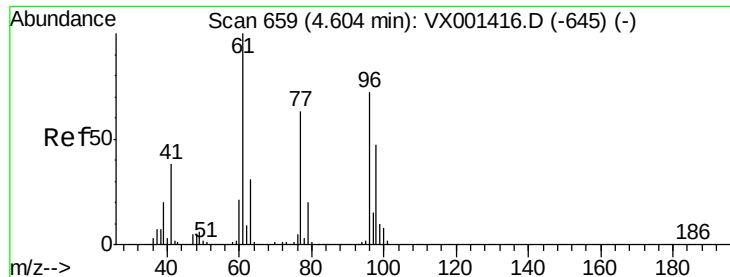
84 100

49 120.6 96.6 144.8

51 50.6 29.0 43.4#

86 88.0 52.2 78.4#





#27

cis-1,2-Dichloroethene

Concen: 7.58 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001673.D

Acq: 12 May 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-180502DL

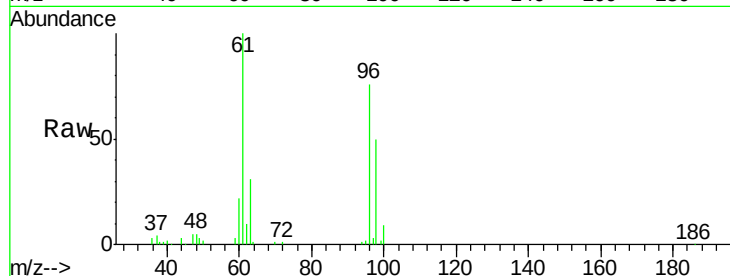
Tgt Ion: 96 Resp: 25928

Ion Ratio Lower Upper

96 100

61 129.6 0.0 301.6

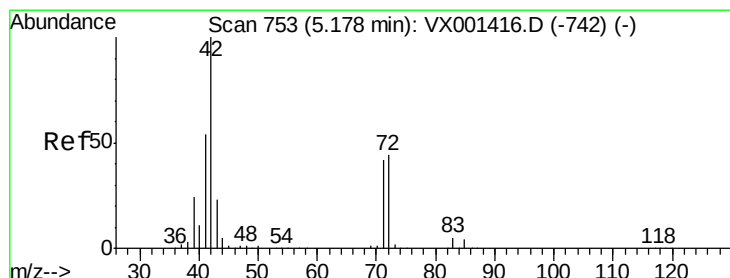
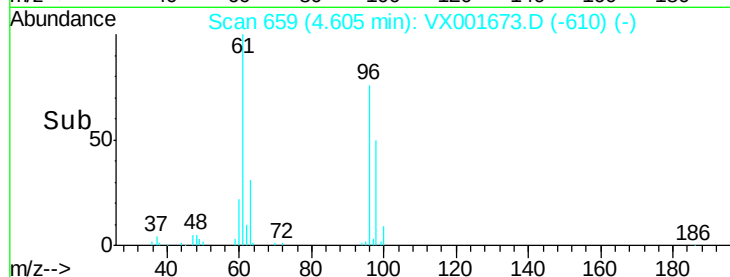
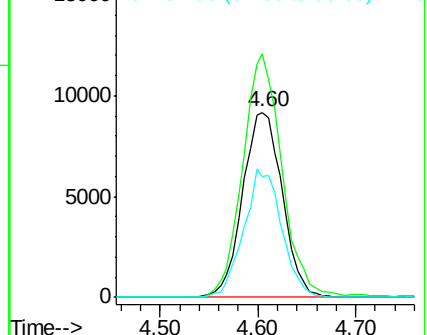
98 66.2 0.0 131.6



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



#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001673.D

Acq: 12 May 2018 18:03

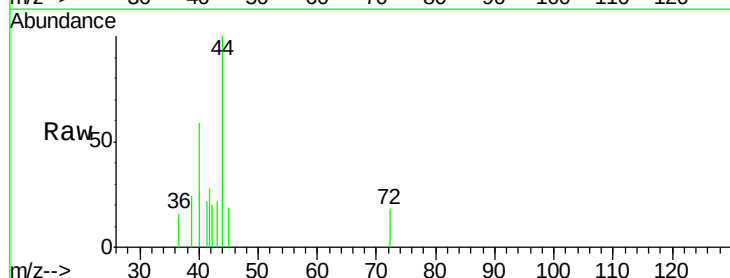
Tgt Ion: 42 Resp: 406

Ion Ratio Lower Upper

42 100

72 25.6 35.4 53.2#

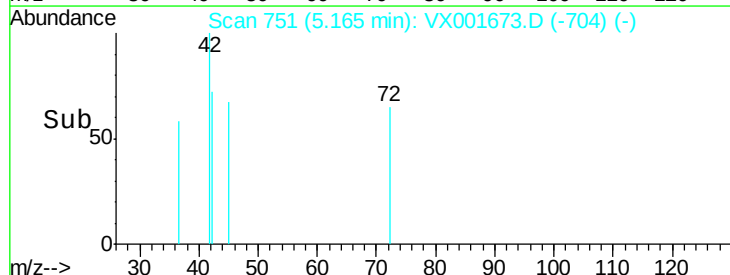
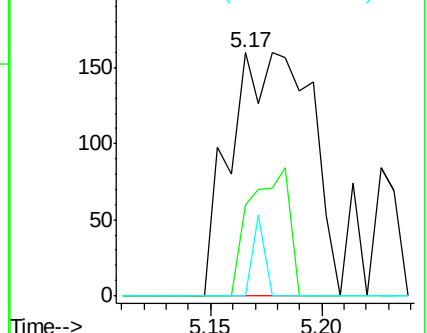
71 4.7 33.0 49.4#

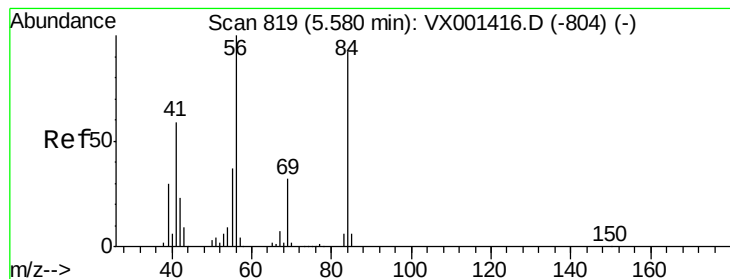


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001673.D

Acq: 12 May 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-180502DL

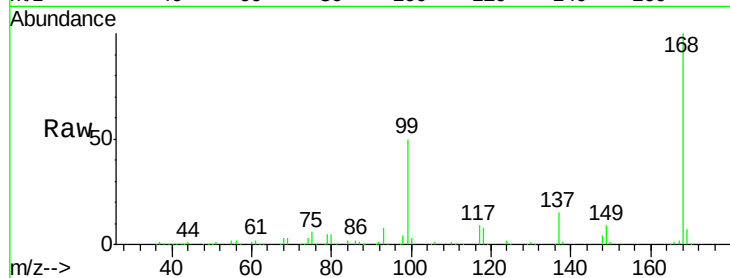
Tgt Ion: 56 Resp: 4558

Ion Ratio Lower Upper

56 100

69 181.0 25.4 38.0#

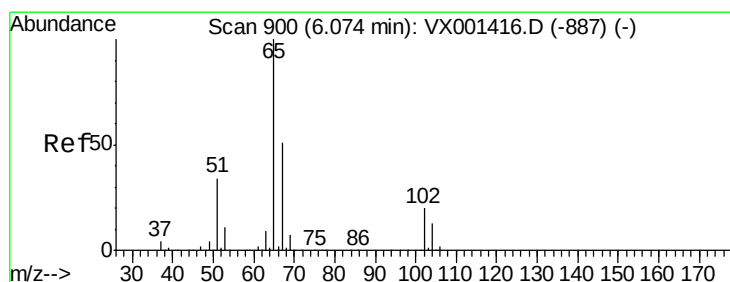
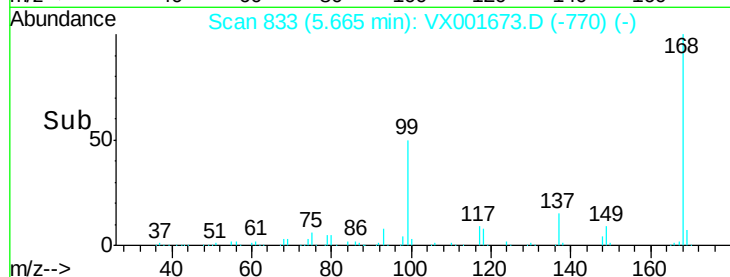
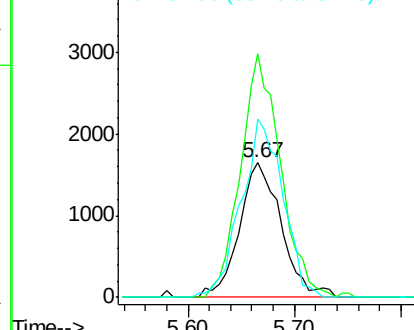
84 133.0 73.8 110.8#



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: 56.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001673.D

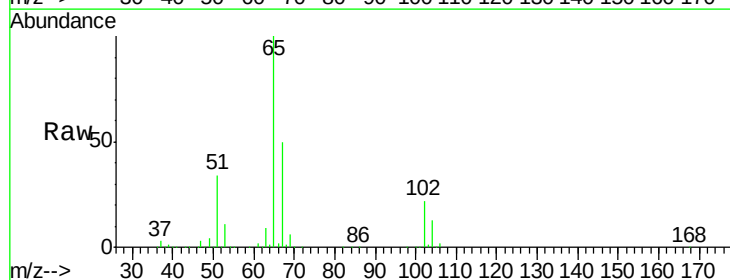
Acq: 12 May 2018 18:03

Tgt Ion: 65 Resp: 211151

Ion Ratio Lower Upper

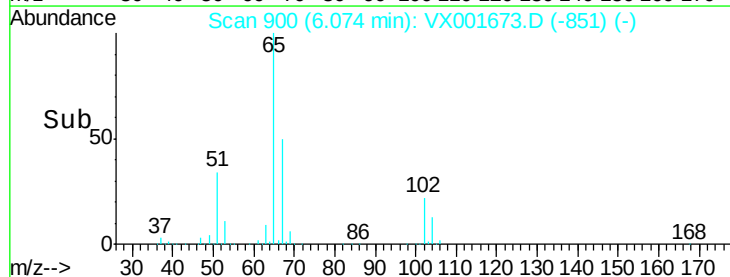
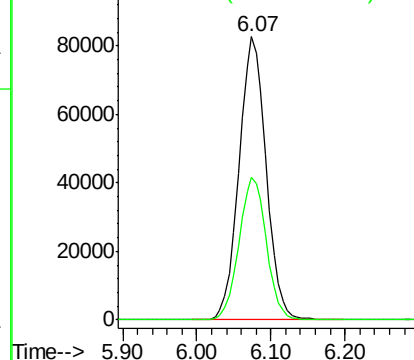
65 100

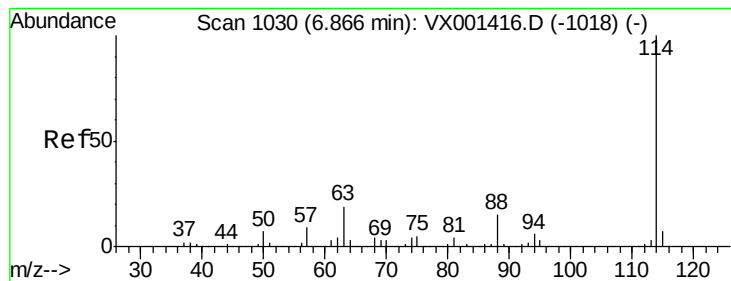
67 50.7 0.0 101.8



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# 1030

Delta R.T. 0.00 min

Lab File: VX001673.D

Acq: 12 May 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-180502DL

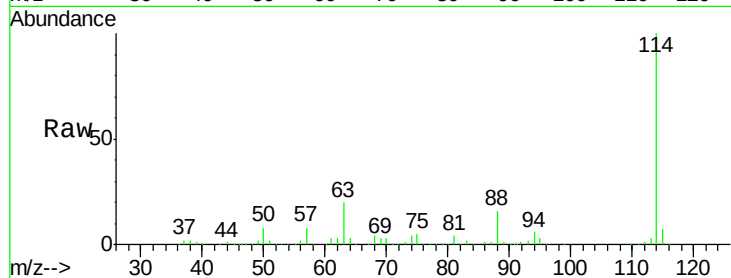
Tgt Ion:114 Resp: 352082

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

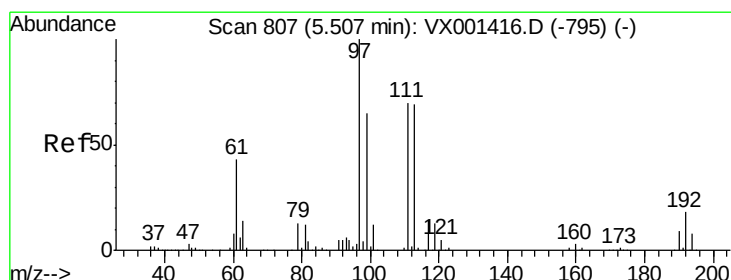
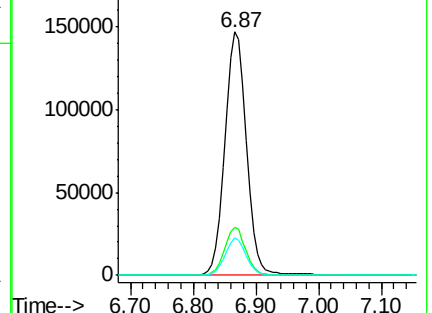
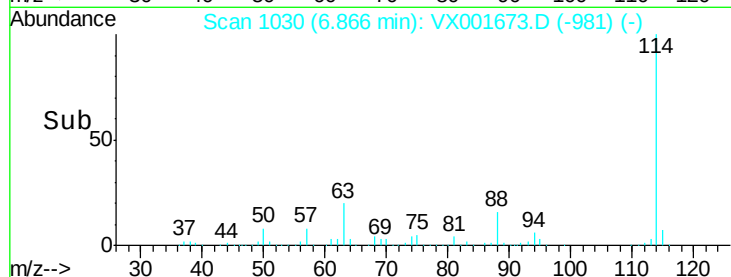
88 15.6 0.0 30.8



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: 53.73 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001673.D

Acq: 12 May 2018 18:03

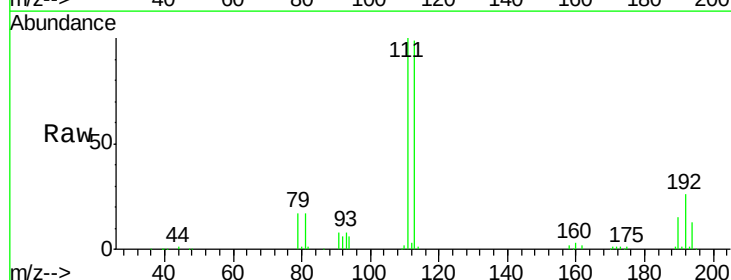
Tgt Ion:113 Resp: 168258

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

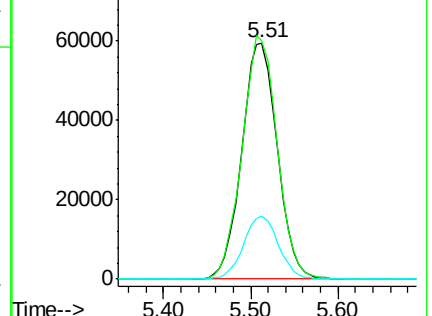
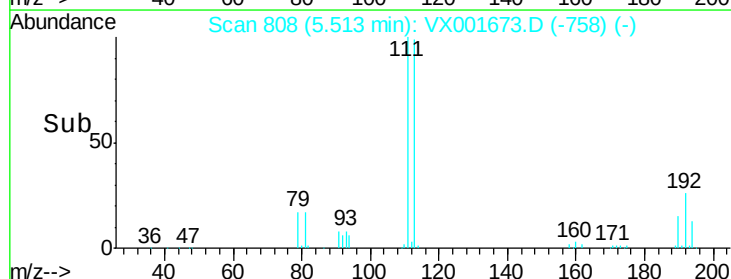
192 26.4 21.4 32.0

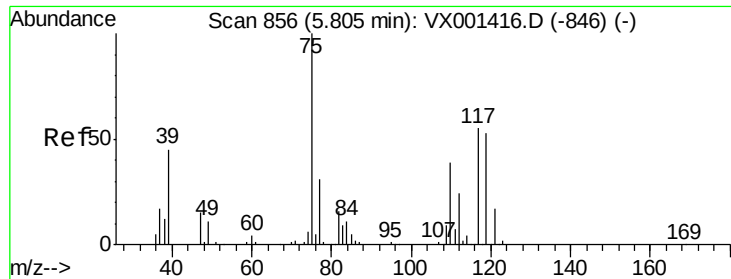


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

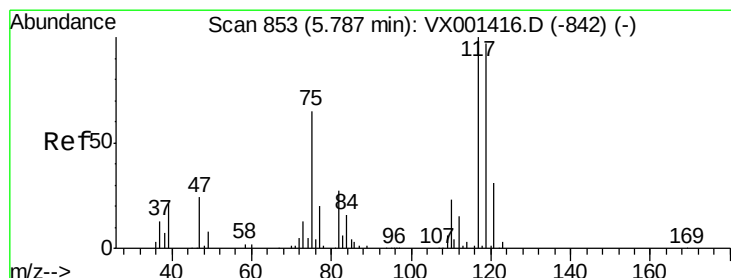
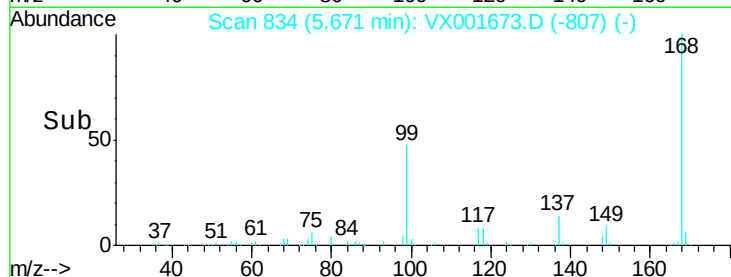
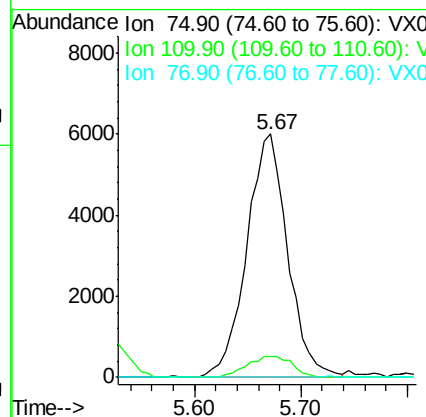
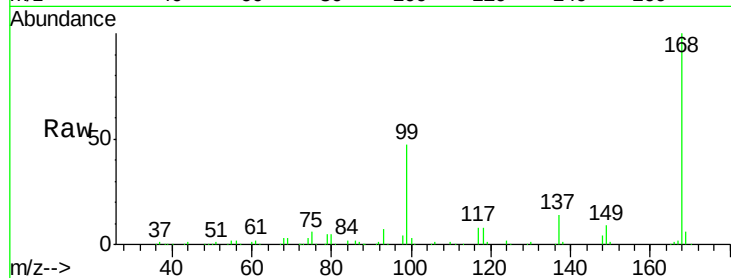




#36
 1,1-Dichloropropene
 Concen: 3.62 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001673.D
 Acq: 12 May 2018 18:03

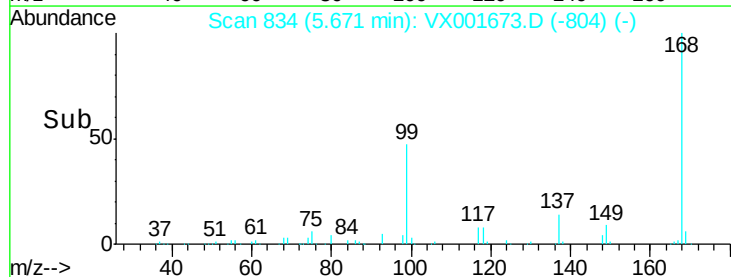
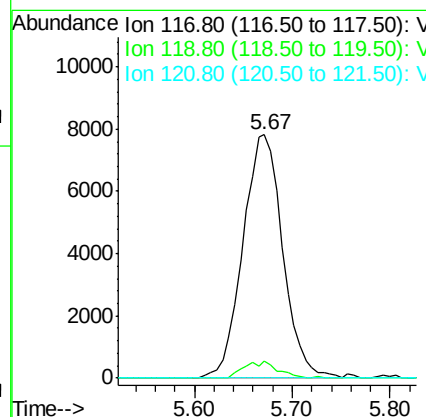
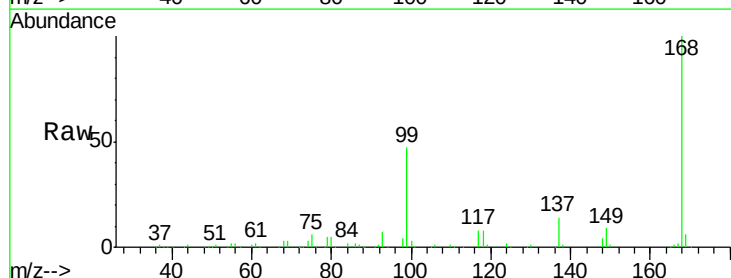
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-180502DL

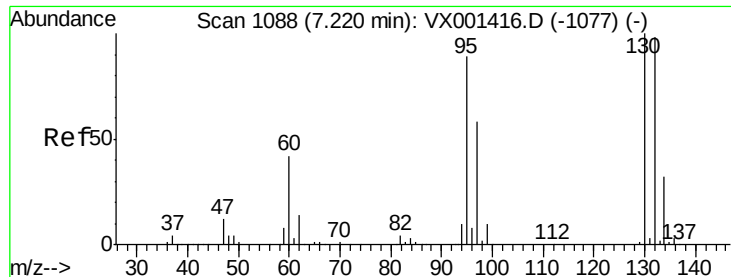
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.9	56.7#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.62 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001673.D
 Acq: 12 May 2018 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	77.0	115.6#
121	0.0	25.1	37.7#





#44

Trichloroethene

Concen: 3.32 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001673.D

Acq: 12 May 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

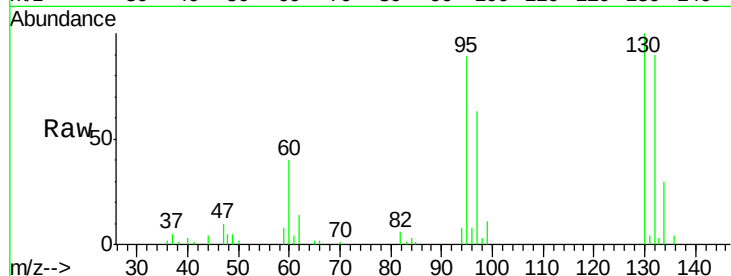
SS037MW304-180502DL

Tgt Ion:130 Resp: 13290

Ion Ratio Lower Upper

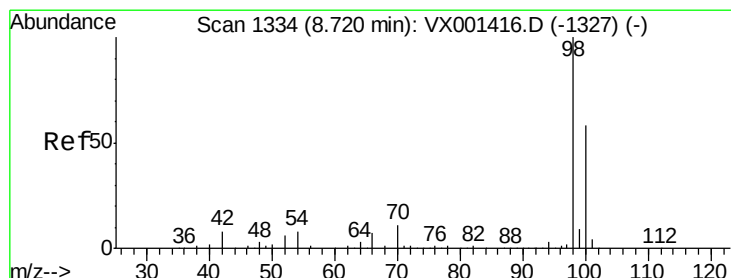
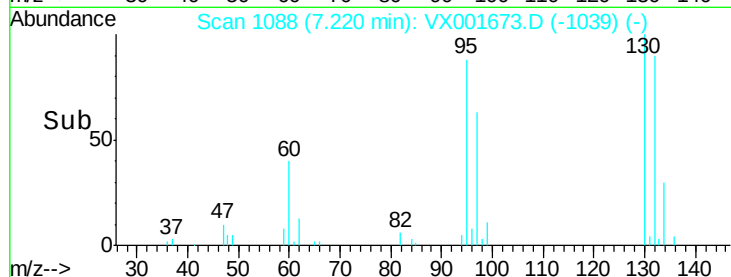
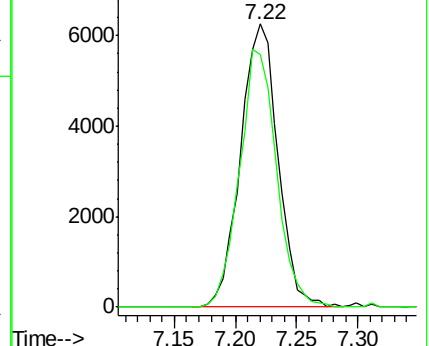
130 100

95 89.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.79 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001673.D

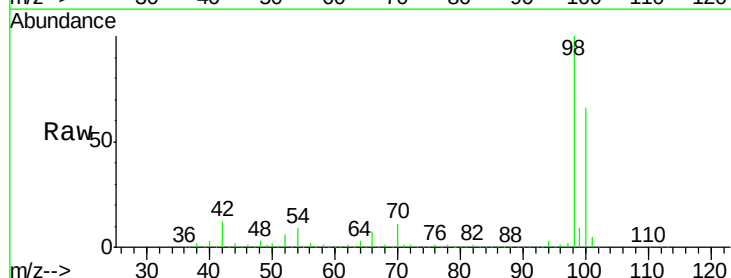
Acq: 12 May 2018 18:03

Tgt Ion: 98 Resp: 592063

Ion Ratio Lower Upper

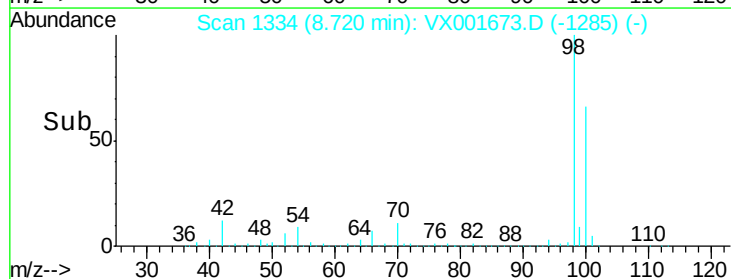
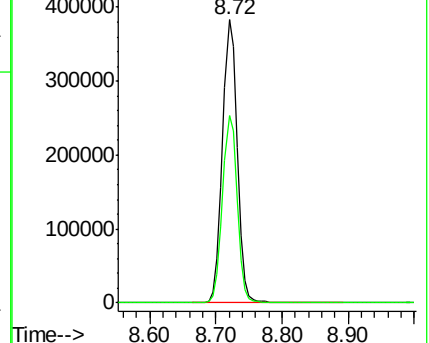
98 100

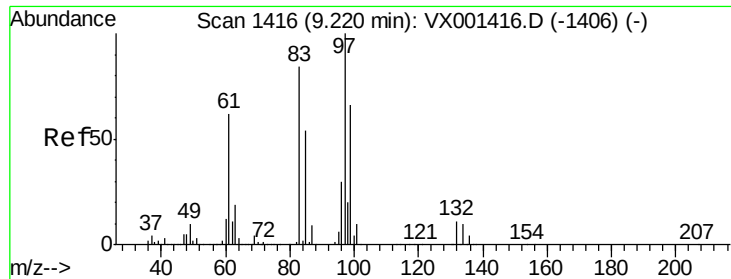
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

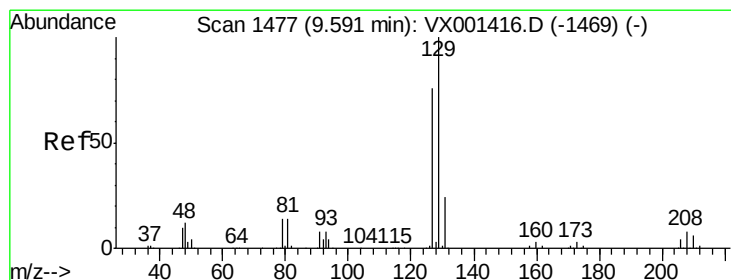
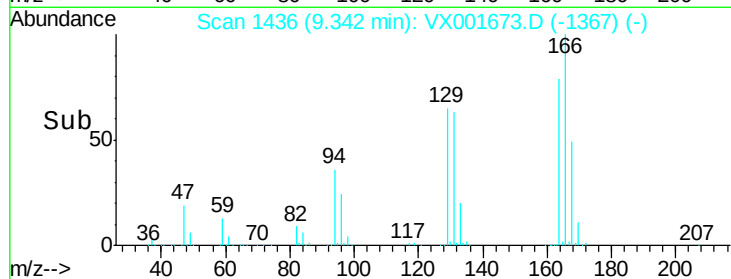
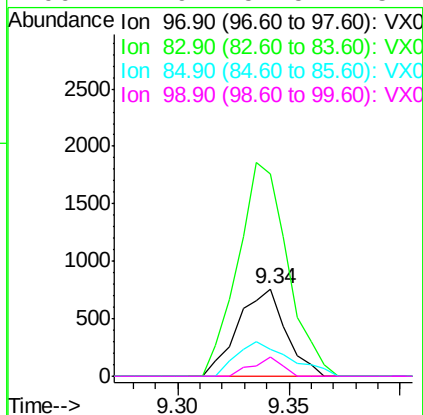
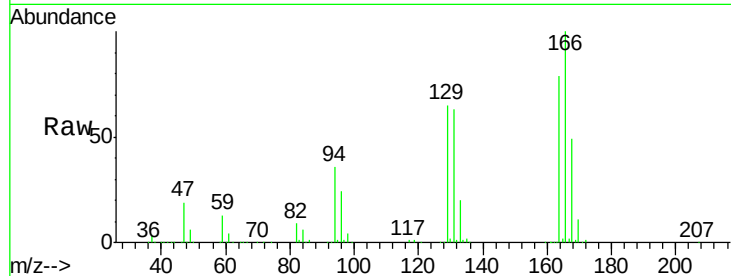




#55
 1,1,2-Trichloroethane
 Concen: 0.33 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.12 min
 Lab File: VX001673.D
 Acq: 12 May 2018 18:03

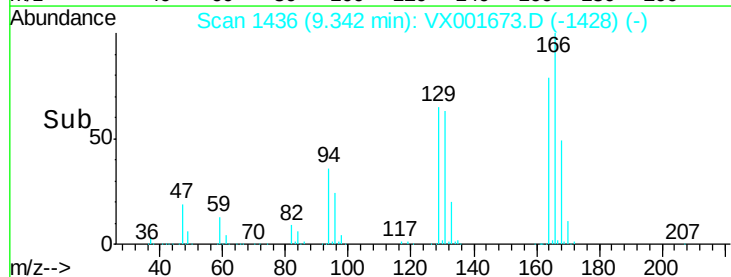
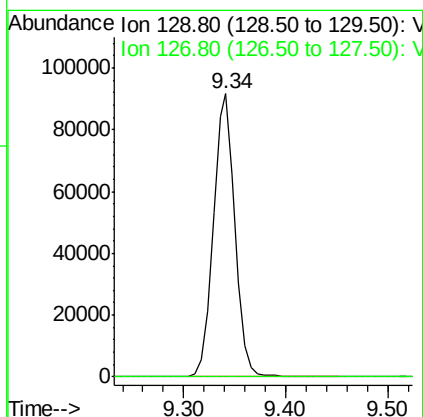
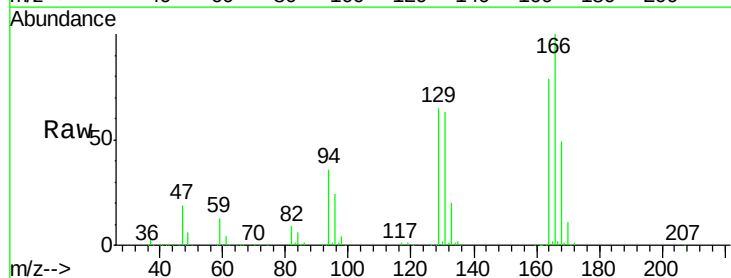
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-180502DL

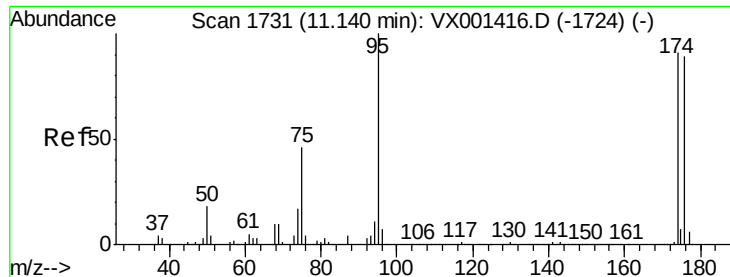
Tgt Ion: 97 Resp: 1140
 Ion Ratio Lower Upper
 97 100
 83 230.7 67.4 101.0#
 85 30.2 43.3 64.9#
 99 21.9 52.5 78.7#



#60
 Dibromochloromethane
 Concen: 38.36 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001673.D
 Acq: 12 May 2018 18:03

Tgt Ion: 129 Resp: 135359
 Ion Ratio Lower Upper
 129 100
 127 0.1 38.1 114.5#

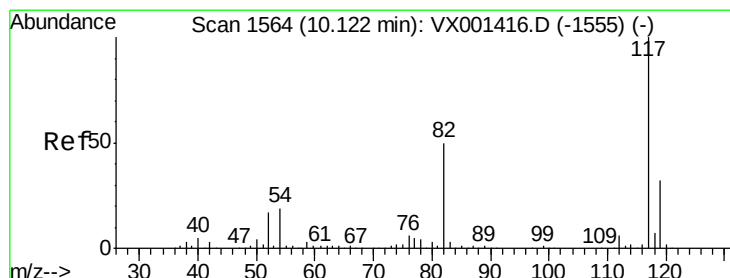
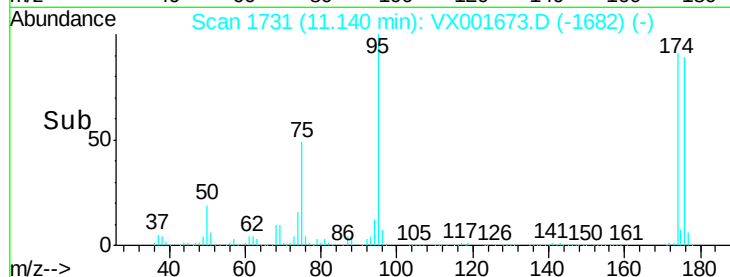
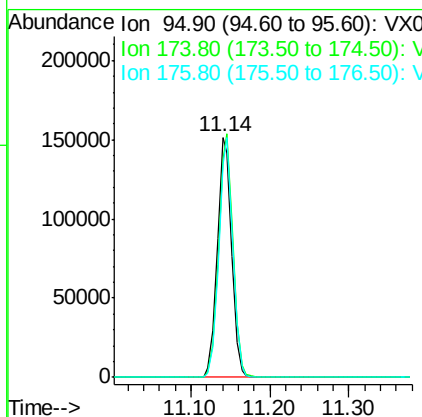
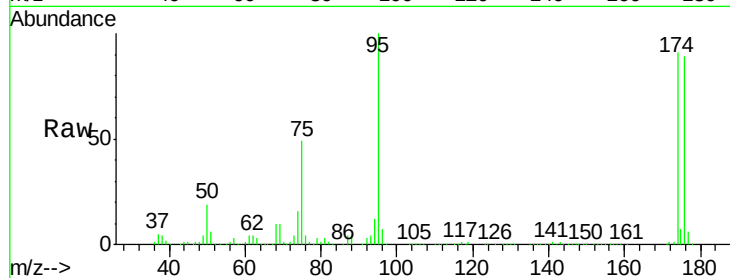




#62
4-Bromofluorobenzene
Concen: 43.46 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001673.D
Acq: 12 May 2018 18:03

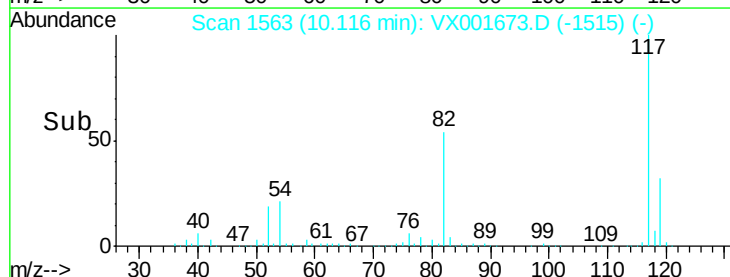
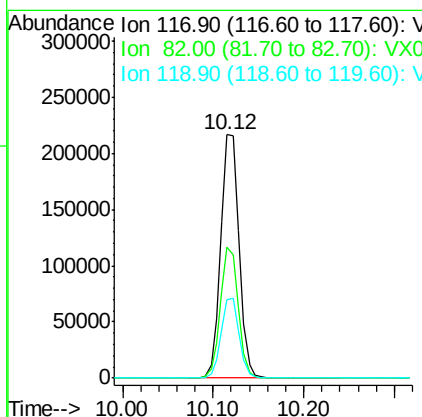
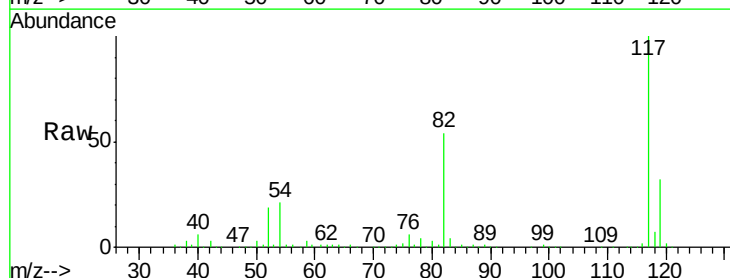
Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-180502DL

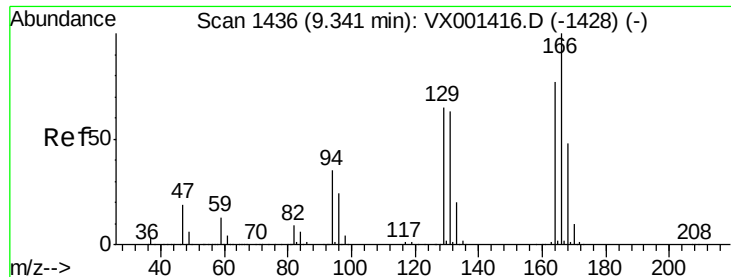
Tgt Ion: 95 Resp: 190724
Ion Ratio Lower Upper
95 100
174 101.7 0.0 202.0
176 98.1 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001673.D
Acq: 12 May 2018 18:03

Tgt Ion: 117 Resp: 307233
Ion Ratio Lower Upper
117 100
82 54.0 40.0 60.0
119 32.2 25.8 38.8

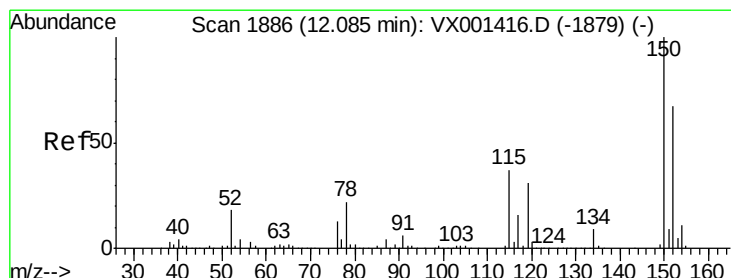
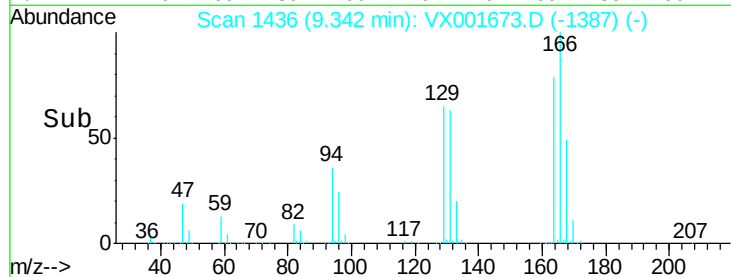
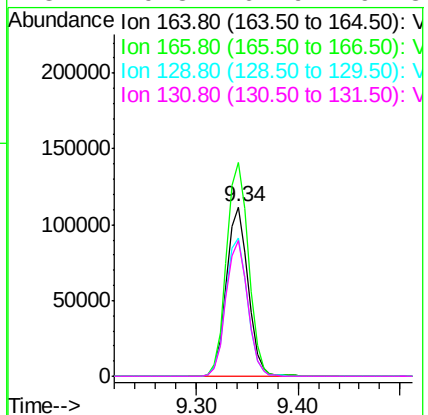
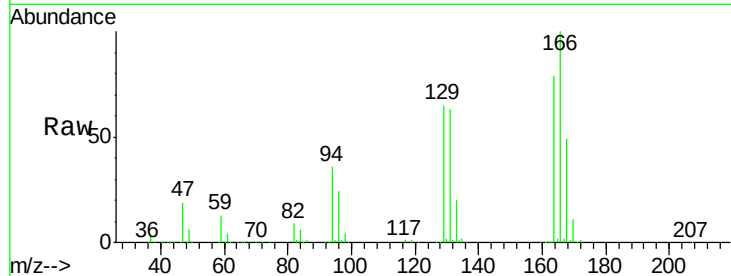




#64
Tetrachloroethene
Concen: 38.35 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001673.D
Acq: 12 May 2018 18:03

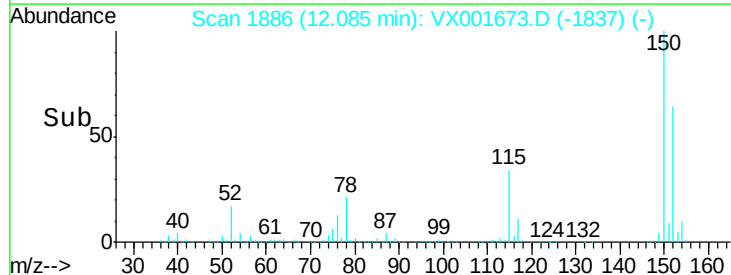
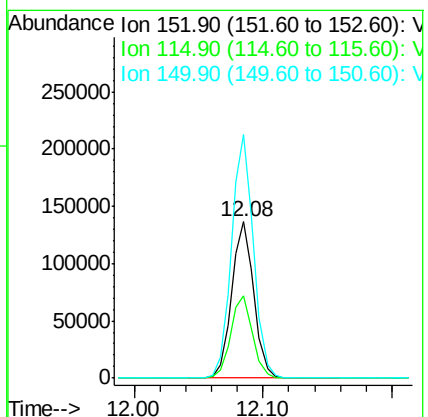
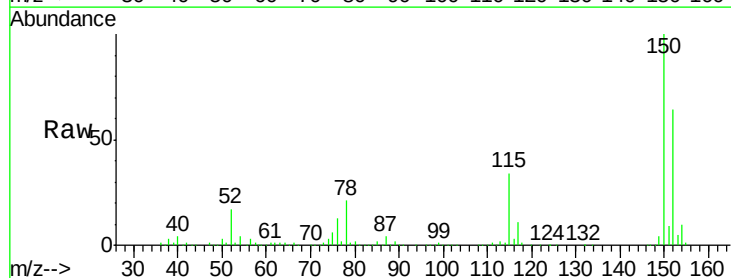
Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-180502DL

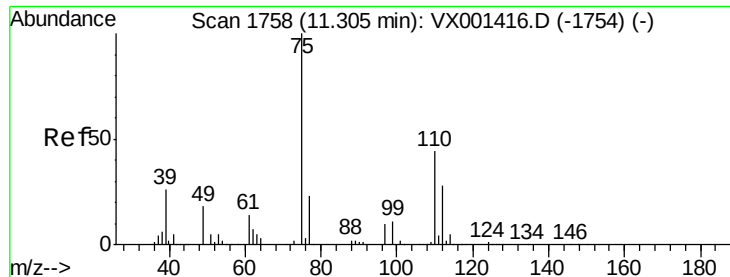
Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	103.5	155.3
129	81.8	66.7	100.1
131	79.8	64.9	97.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001673.D
Acq: 12 May 2018 18:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	37.7	113.1
150	154.9	0.0	349.4

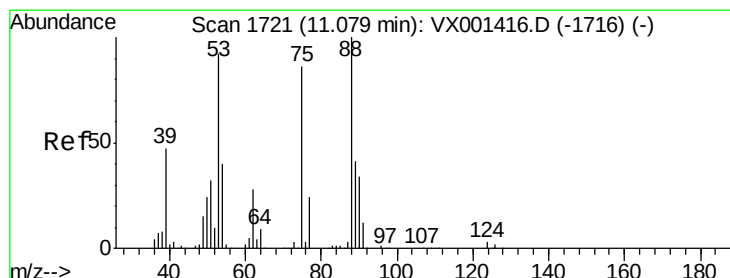
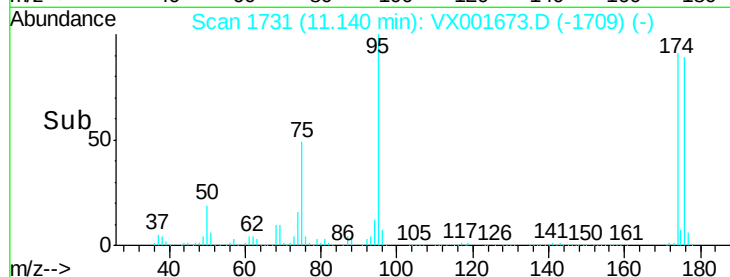
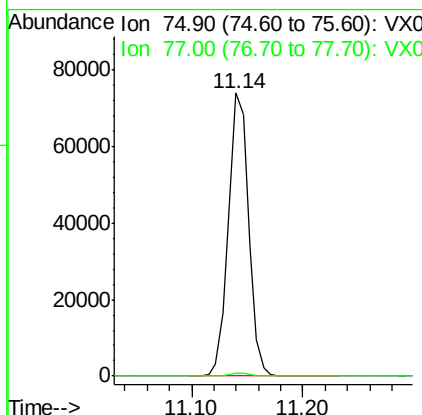
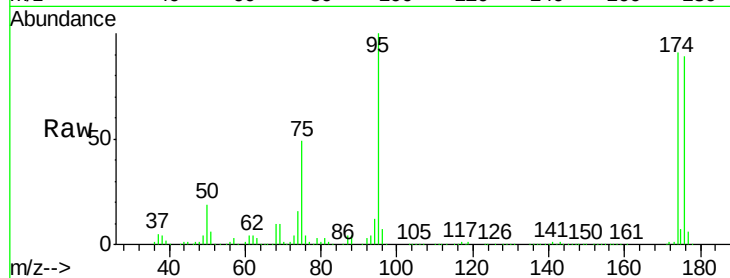




#76
 1,2,3-Trichloropropane
 Concen: 28.23 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001673.D
 Acq: 12 May 2018 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-180502DL

Tgt Ion: 75 Resp: 93253
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.58 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001673.D
 Acq: 12 May 2018 18:03

Tgt Ion: 75 Resp: 93253
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

