

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
 Data File : VX001800.D
 Acq On : 17 May 2018 19:34
 Operator : JC/MD
 Sample : J2853-08DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-180508DL

Quant Time: May 18 04:00:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	137896	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	154989	44.95	ug/l	0.00
Spiked Amount			Recovery	=	89.90%	
35) Dibromofluoromethane	5.51	113	134293	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
50) Toluene-d8	8.72	98	456678	43.81	ug/l	0.00
Spiked Amount			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	11.14	95	130808	34.86	ug/l	0.00
Spiked Amount			Recovery	=	69.72%	

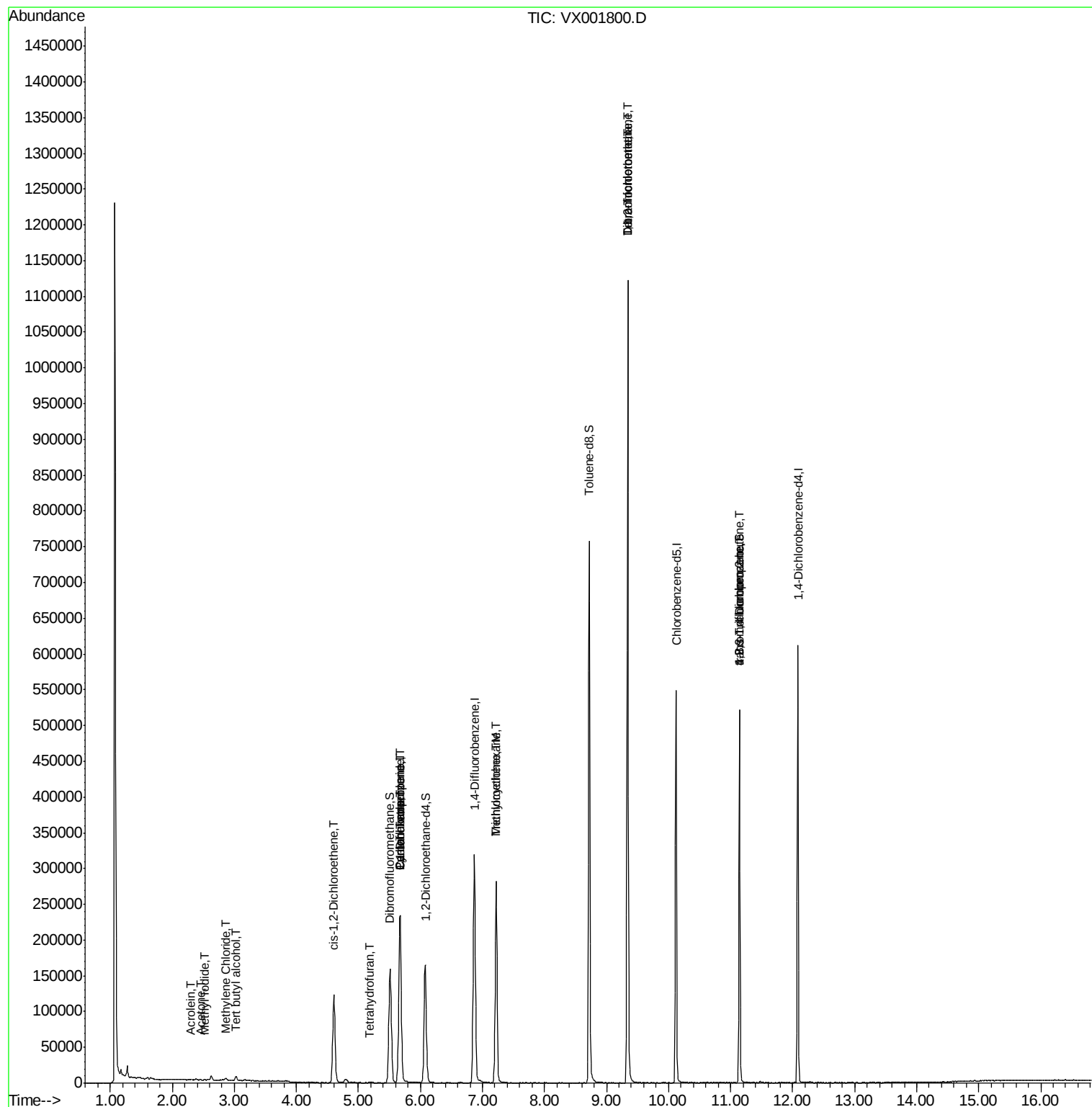
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1248	Below Cal		95
10) Methyl Iodide	2.52	142	1143	0.47 ug/l	#	96
11) Tert butyl alcohol	3.02	59	3404	5.56 ug/l	#	79
13) Acrolein	2.30	56	96	0.22 ug/l	#	1
16) Acetone	2.45	43	1061	0.78 ug/l	#	86
20) Methylene Chloride	2.86	84	1416	0.49 ug/l		84
27) cis-1,2-Dichloroethene	4.60	96	78504	24.63 ug/l		91
29) Tetrahydrofuran	5.17	42	290	0.21 ug/l	#	58
31) Cyclohexane	5.67	56	4063	0.94 ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	14380	3.62 ug/l	#	45
38) Carbon Tetrachloride	5.67	117	21132	5.08 ug/l	#	16
39) Methylcyclohexane	7.21	83	1319	0.28 ug/l	#	1
44) Trichloroethene	7.22	130	116264	32.03 ug/l		100
55) 1,1,2-Trichloroethane	9.34	97	1581	0.55 ug/l	#	1
60) Dibromochloromethane	9.34	129	203300	69.10 ug/l	#	11
64) Tetrachloroethene	9.34	164	248018	69.75 ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	62085	23.68 ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	62085	69.20 ug/l	#	10

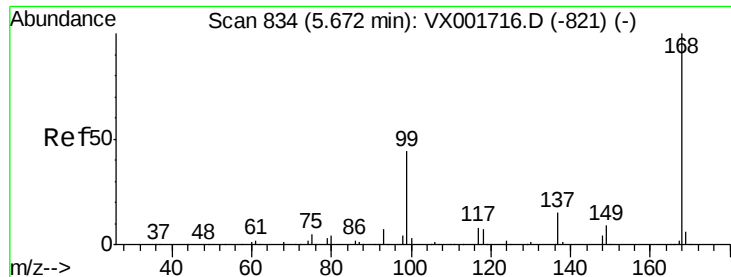
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
Data File : VX001800.D
Acq On : 17 May 2018 19:34
Operator : JC/MD
Sample : J2853-08DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-180508DL

Quant Time: May 18 04:00:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 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: VX001800.D

Acq: 17 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

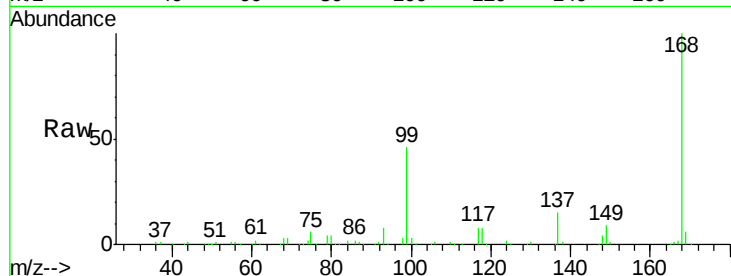
KY063MW003-180508DL

Tgt Ion:168 Resp: 257238

Ion Ratio Lower Upper

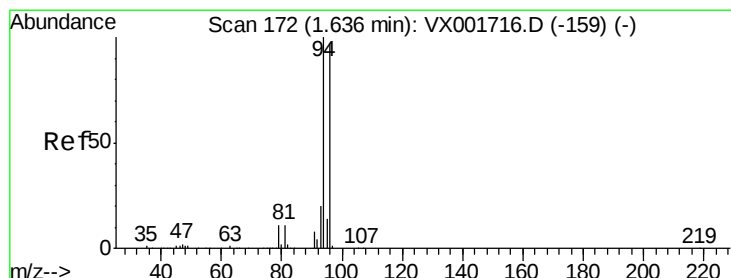
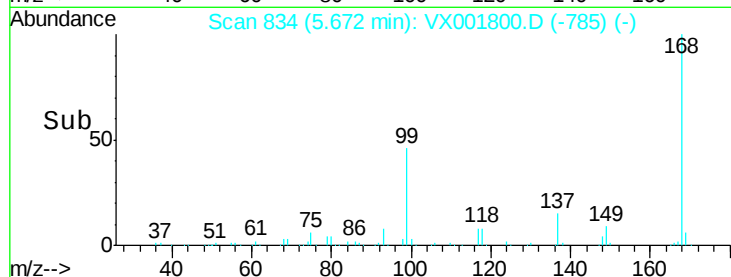
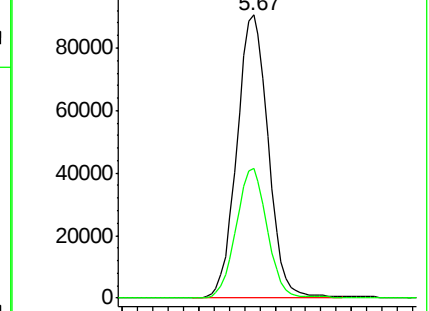
168 100

99 45.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001800.D

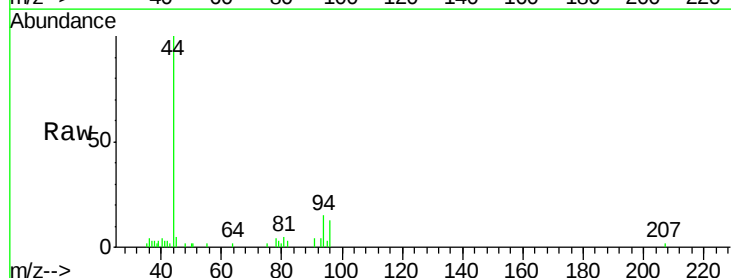
Acq: 17 May 2018 19:34

Tgt Ion: 94 Resp: 1248

Ion Ratio Lower Upper

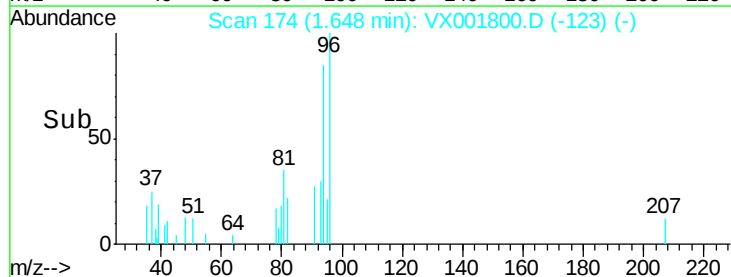
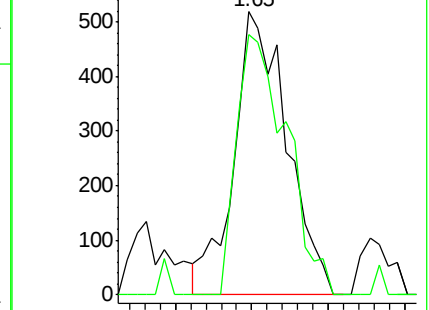
94 100

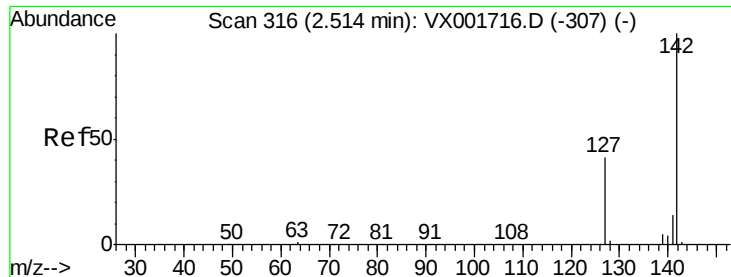
96 91.9 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

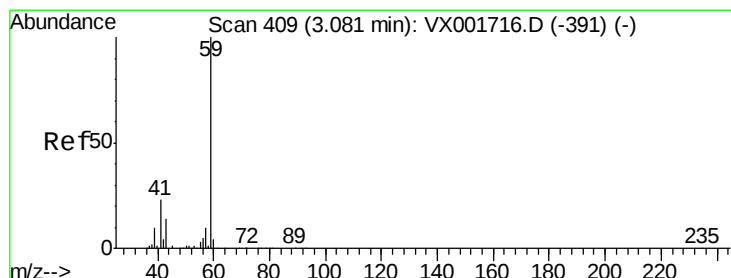
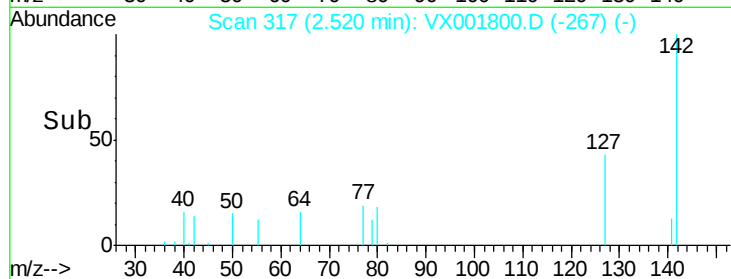
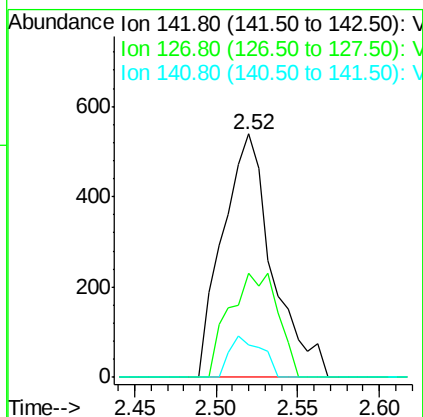
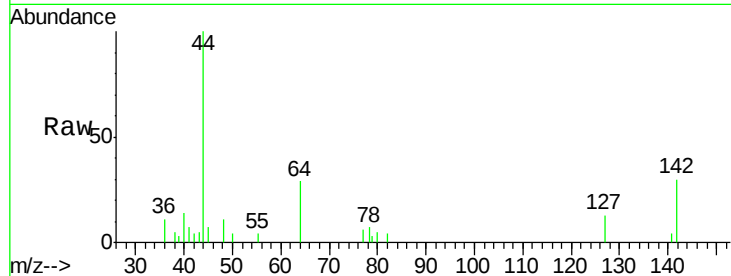




#10
Methyl Iodide
Concen: 0.47 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

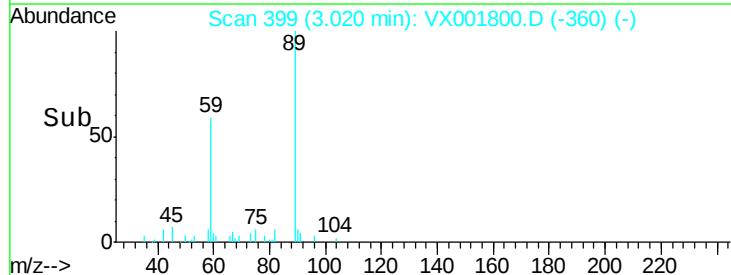
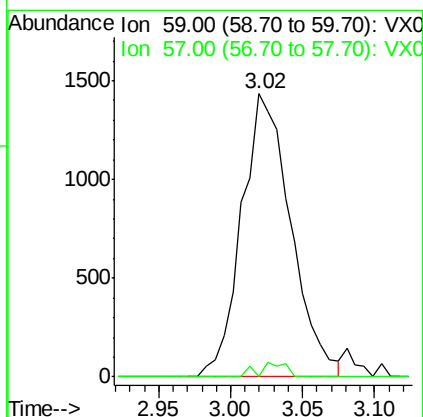
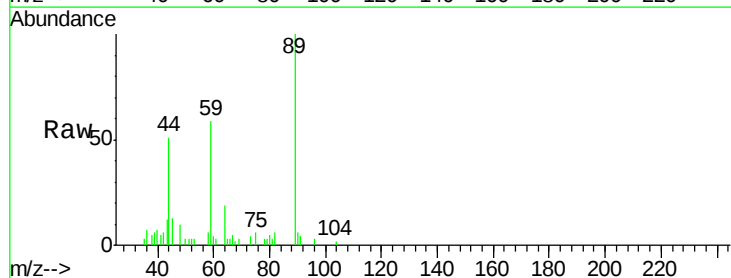
Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-180508DL

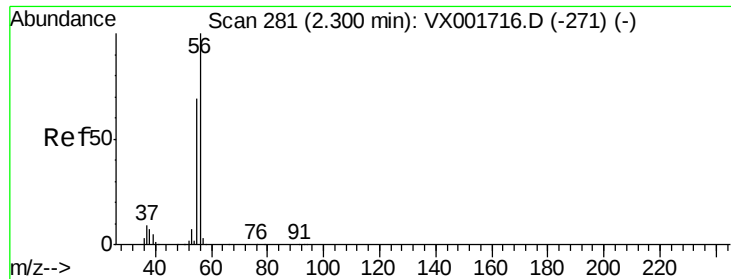
Tgt Ion:142 Resp: 1143
Ion Ratio Lower Upper
142 100
127 42.2 32.5 48.7
141 11.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.56 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

Tgt Ion: 59 Resp: 3404
Ion Ratio Lower Upper
59 100
57 2.7 8.5 12.7#





#13

Acrolein

Concen: 0.22 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001800.D

Acq: 17 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

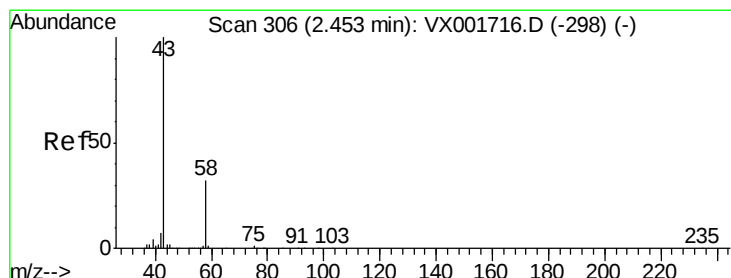
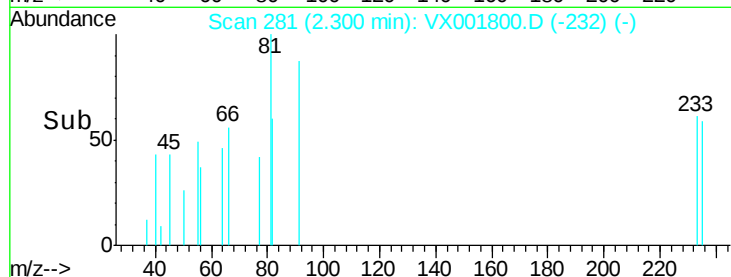
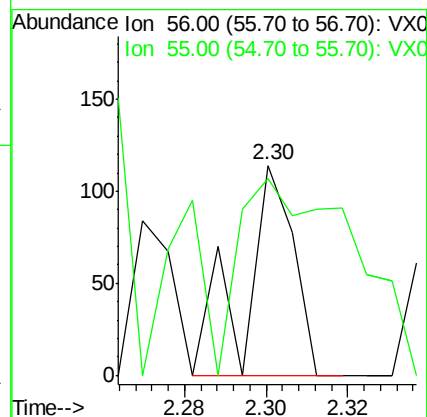
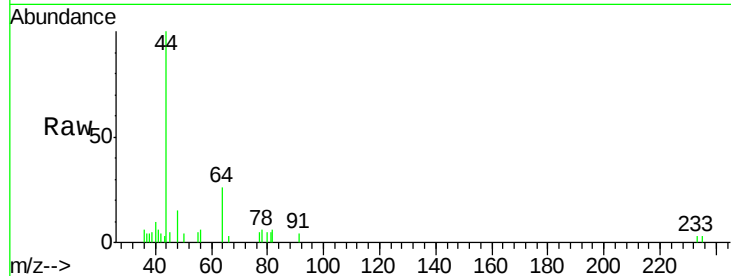
KY063MW003-180508DL

Tgt Ion: 56 Resp: 96

Ion Ratio Lower Upper

56 100

55 217.7 56.2 84.2#



#16

Acetone

Concen: 0.78 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001800.D

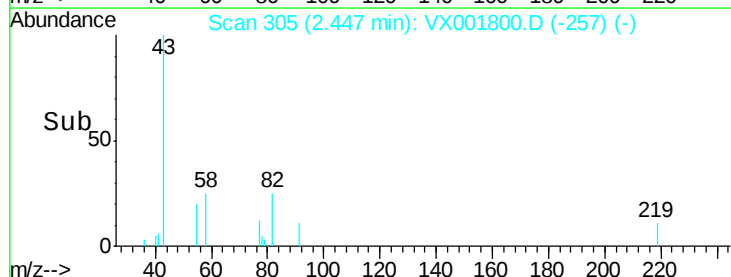
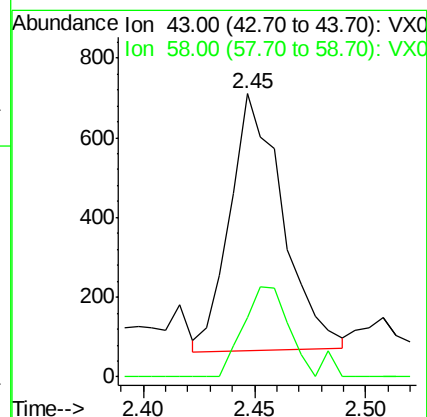
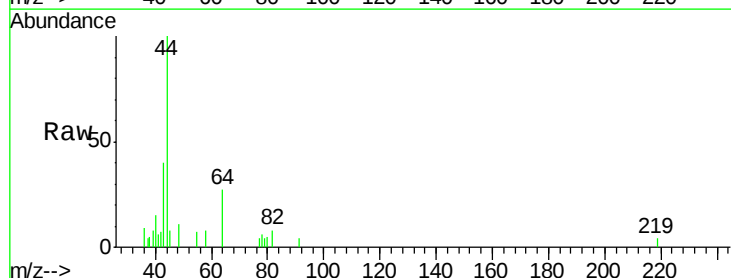
Acq: 17 May 2018 19:34

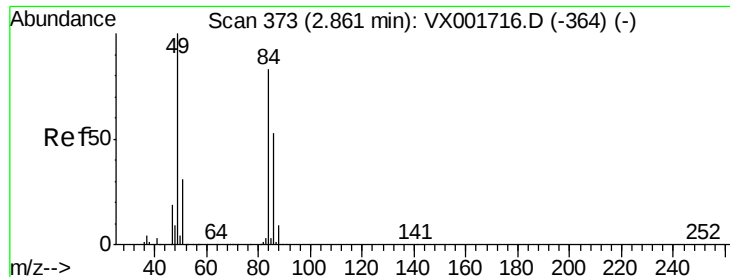
Tgt Ion: 43 Resp: 1061

Ion Ratio Lower Upper

43 100

58 23.9 25.3 37.9#

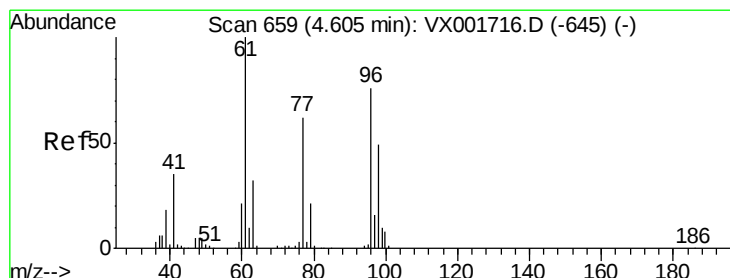
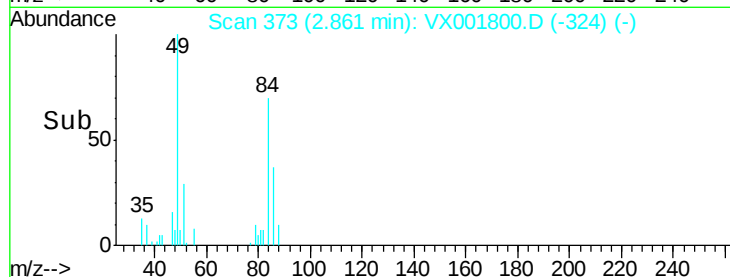
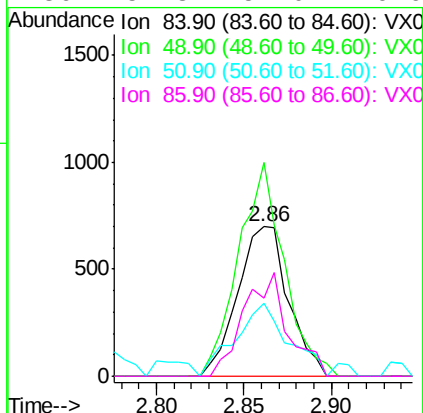
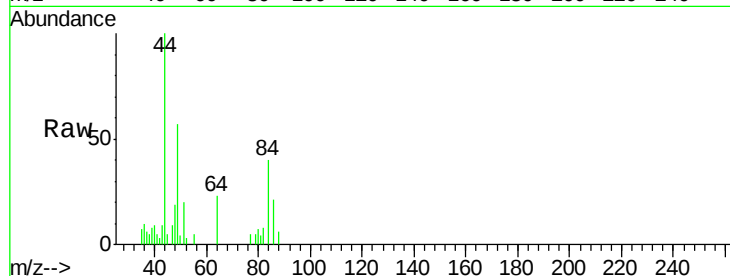




#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

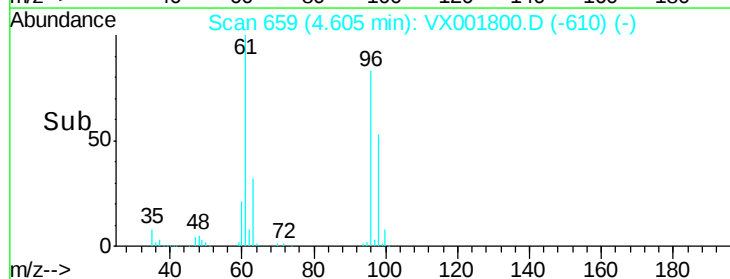
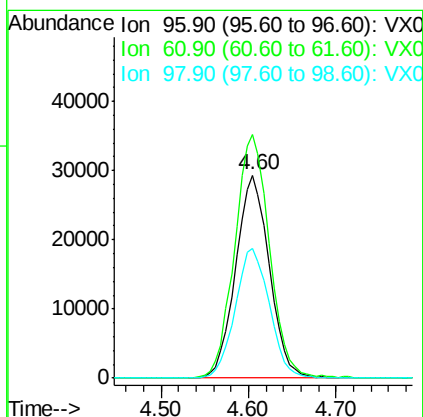
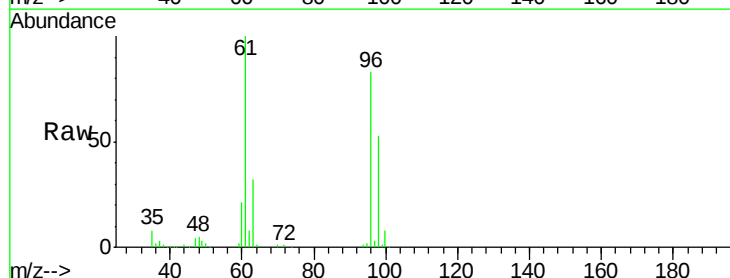
Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-180508DL

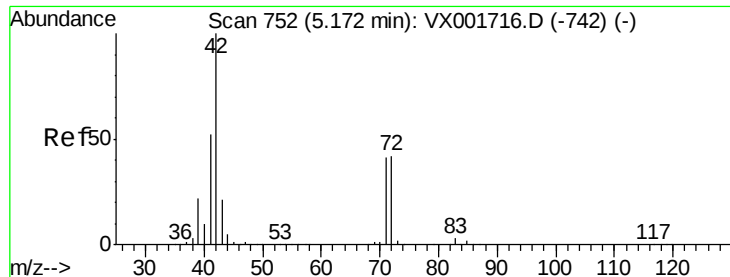
Tgt Ion: 84 Resp: 1416
Ion Ratio Lower Upper
84 100
49 142.7 96.3 144.5
51 40.6 29.8 44.6
86 52.3 51.0 76.6



#27
cis-1,2-Dichloroethene
Concen: 24.63 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

Tgt Ion: 96 Resp: 78504
Ion Ratio Lower Upper
96 100
61 124.0 0.0 280.4
98 65.0 0.0 128.4

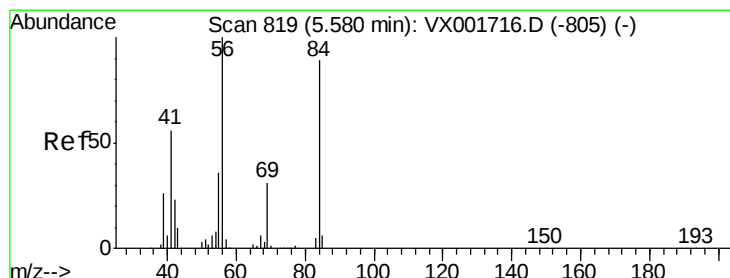
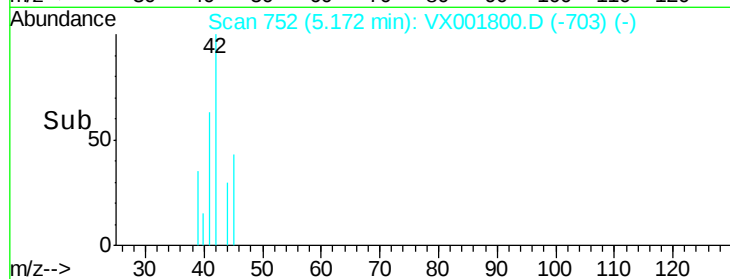
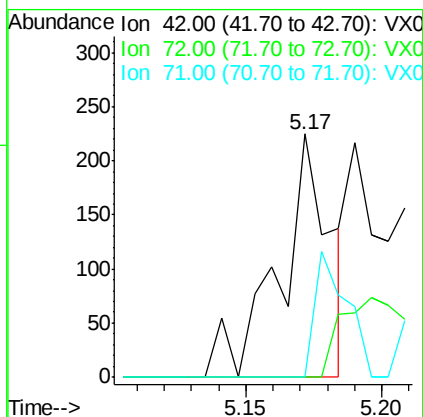
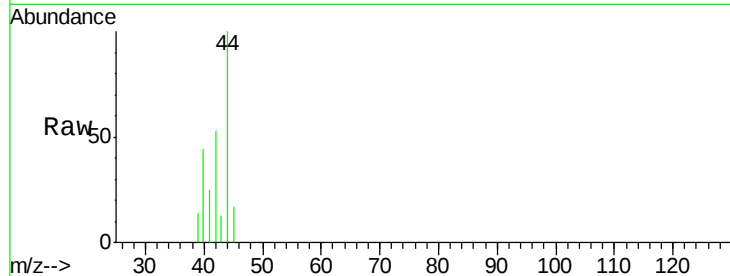




#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

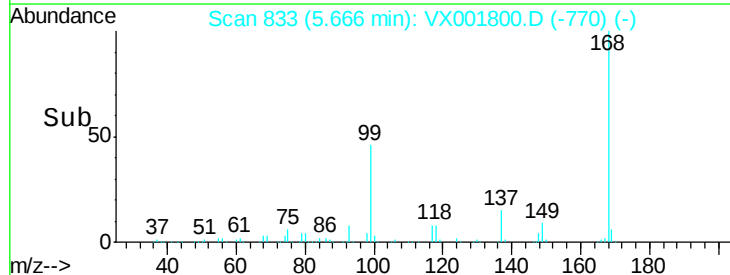
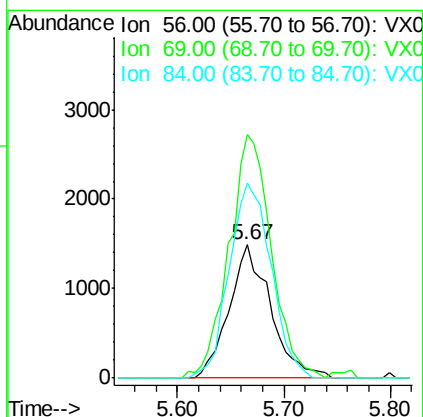
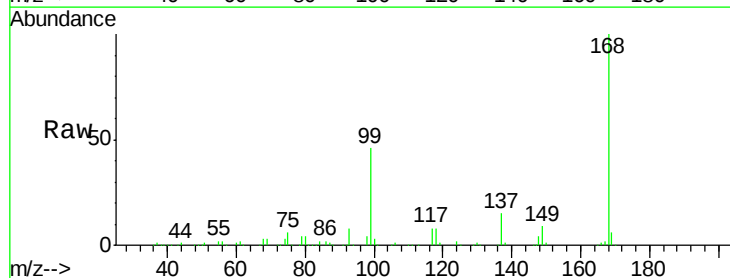
Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-180508DL

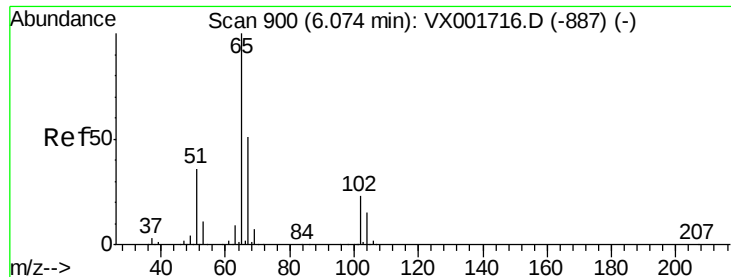
Tgt Ion: 42 Resp: 290
Ion Ratio Lower Upper
42 100
72 0.0 35.4 53.2#
71 32.4 33.2 49.8#



#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

Tgt Ion: 56 Resp: 4063
Ion Ratio Lower Upper
56 100
69 178.7 25.0 37.6#
84 146.7 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 44.95 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001800.D

Acq: 17 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

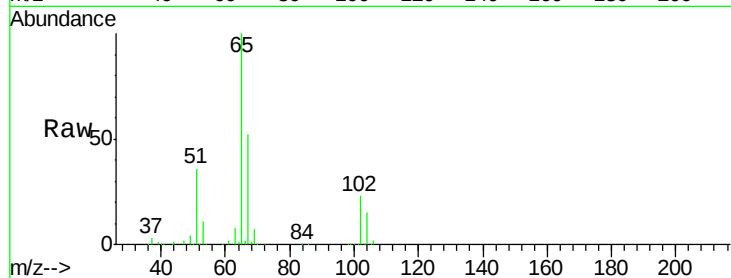
KY063MW003-180508DL

Tgt Ion: 65 Resp: 154989

Ion Ratio Lower Upper

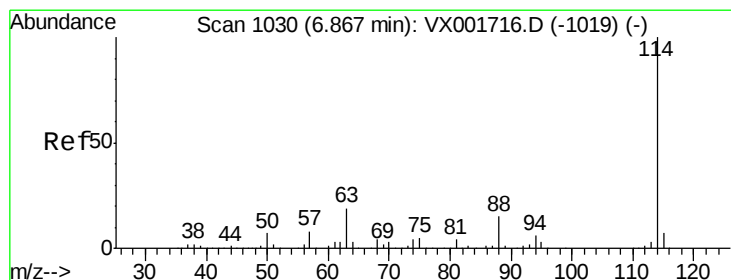
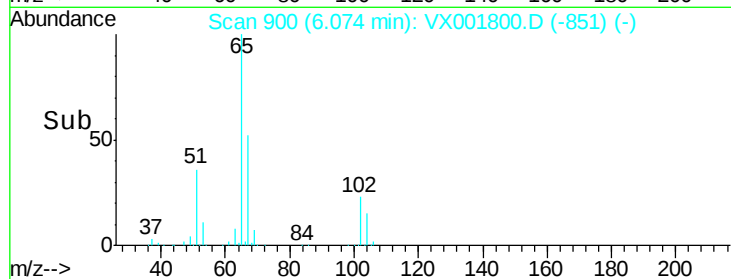
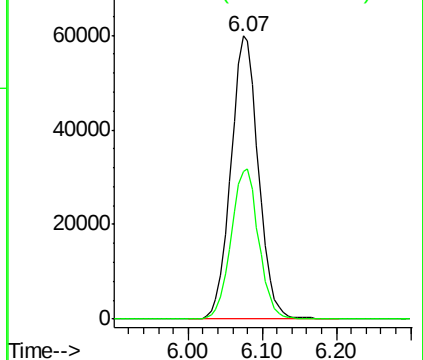
65 100

67 53.2 0.0 102.8



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: VX001800.D

Acq: 17 May 2018 19:34

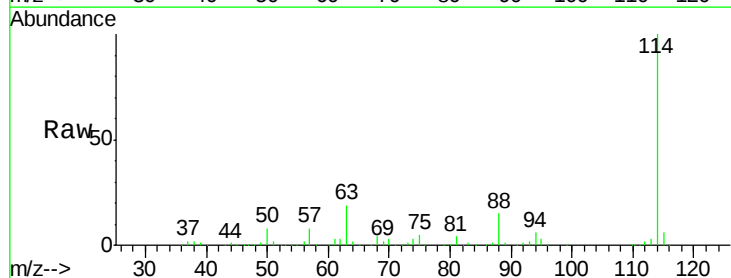
Tgt Ion: 114 Resp: 344857

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

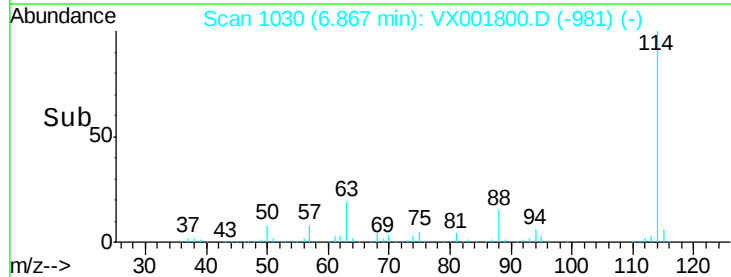
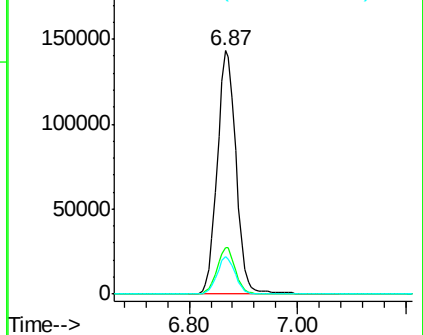
88 15.4 0.0 29.8

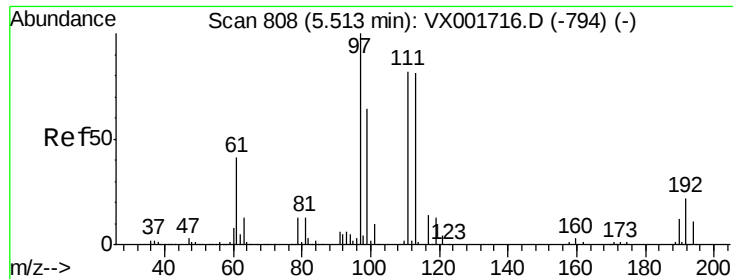


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

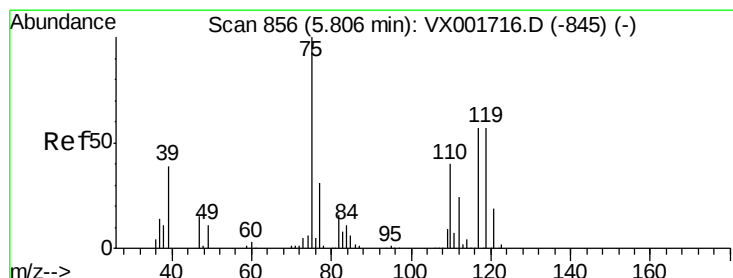
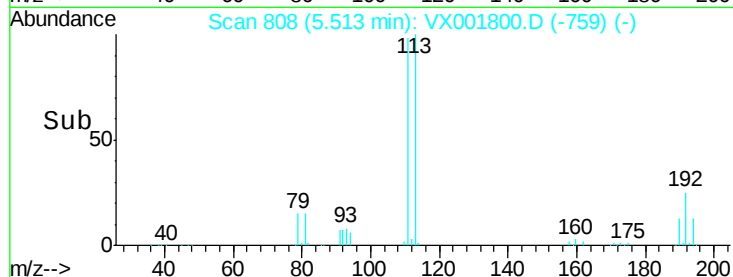
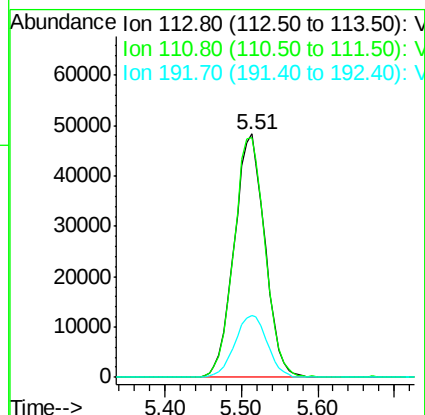
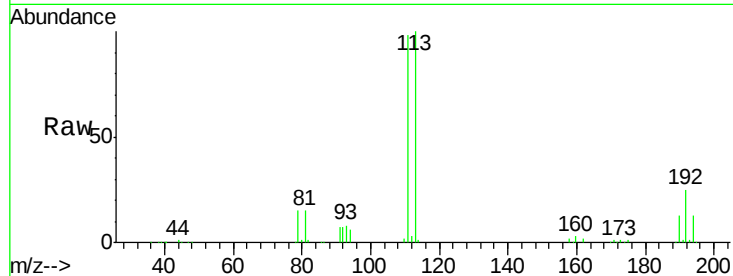




#35
 Dibromofluoromethane
 Concen: 46.14 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001800.D
 Acq: 17 May 2018 19:34

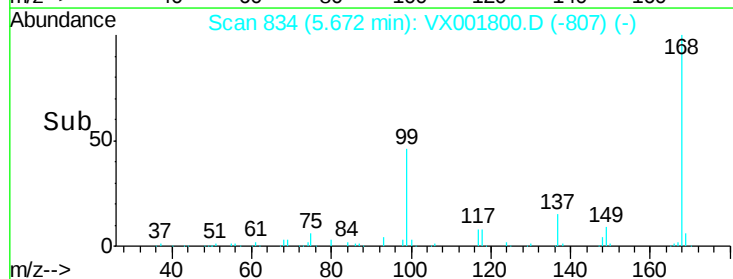
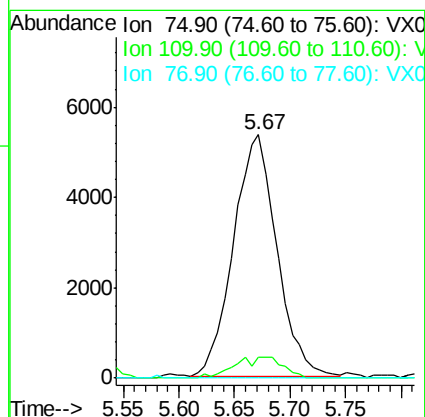
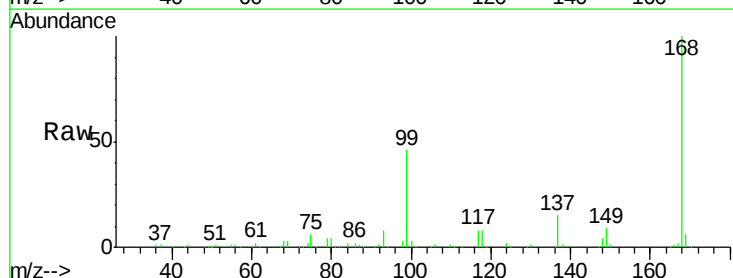
Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-180508DL

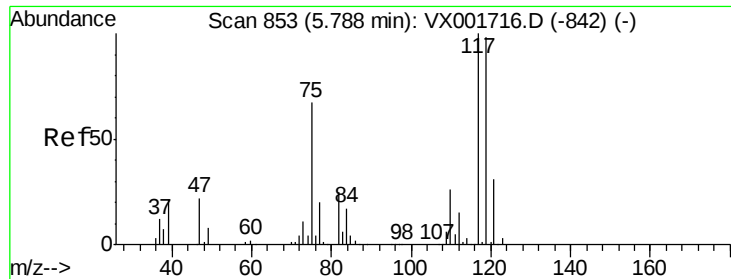
Tgt Ion:113 Resp: 134293
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.0 123.0
 192 27.0 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.62 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001800.D
 Acq: 17 May 2018 19:34

Tgt Ion: 75 Resp: 14380
 Ion Ratio Lower Upper
 75 100
 110 5.5 19.1 57.1#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.08 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001800.D

Acq: 17 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-180508DL

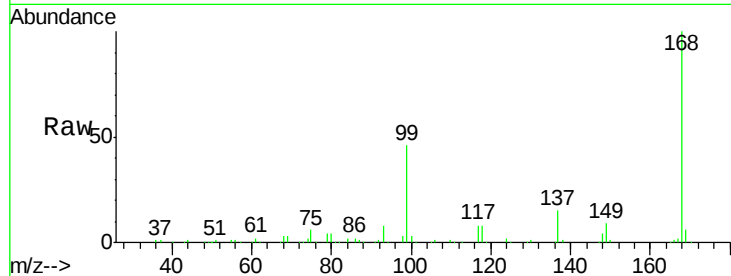
Tgt Ion: 117 Resp: 21132

Ion Ratio Lower Upper

117 100

119 6.0 77.6 116.4#

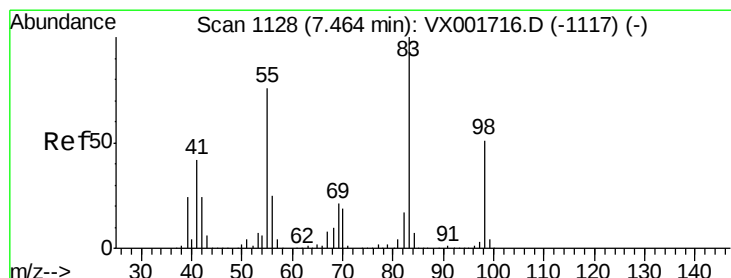
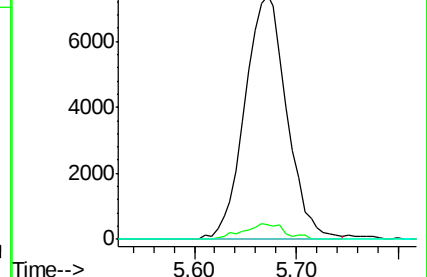
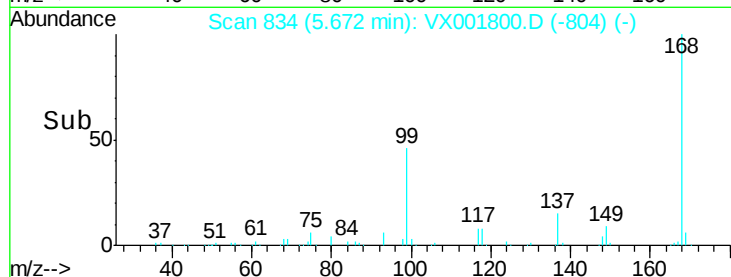
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 0.28 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.25 min

Lab File: VX001800.D

Acq: 17 May 2018 19:34

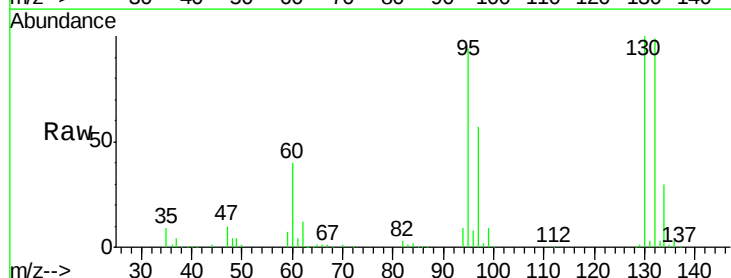
Tgt Ion: 83 Resp: 1319

Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

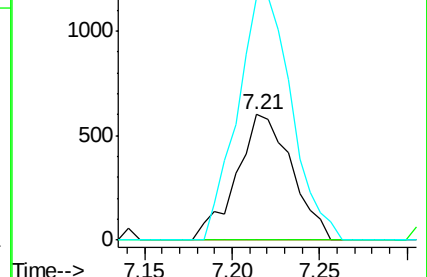
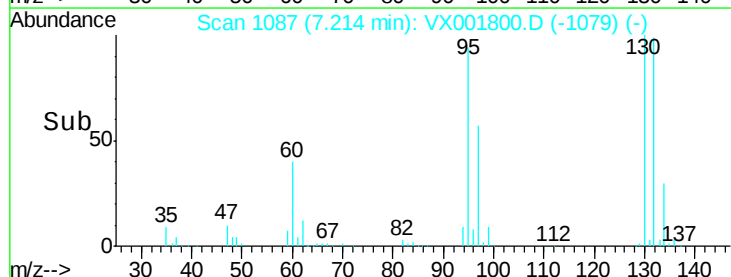
98 193.3 40.4 60.6#

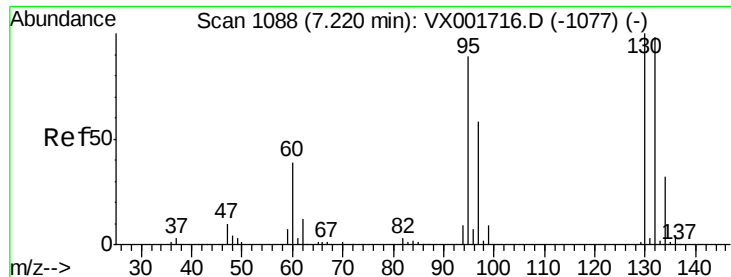


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 32.03 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001800.D

Acq: 17 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

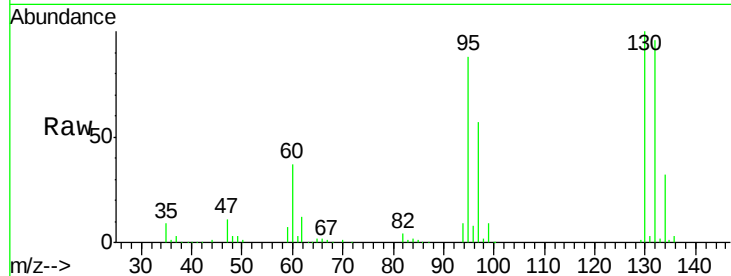
KY063MW003-180508DL

Tgt Ion:130 Resp: 116264

Ion Ratio Lower Upper

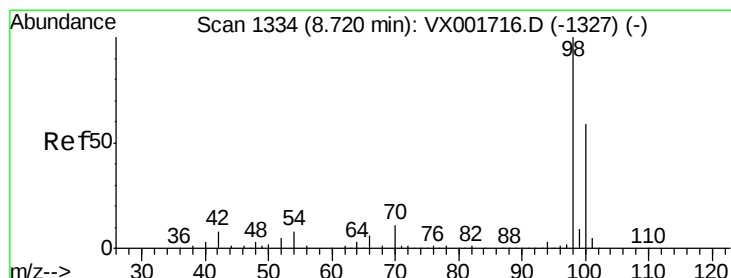
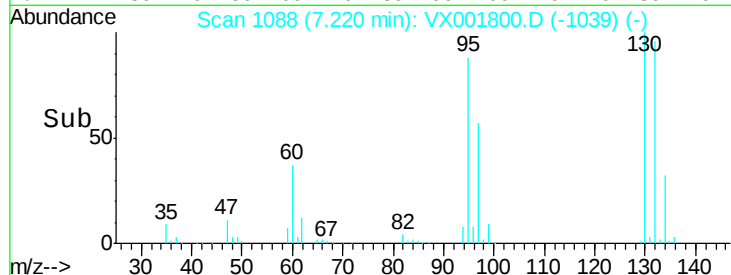
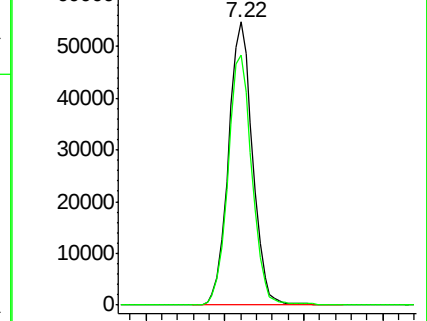
130 100

95 88.5 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 43.81 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001800.D

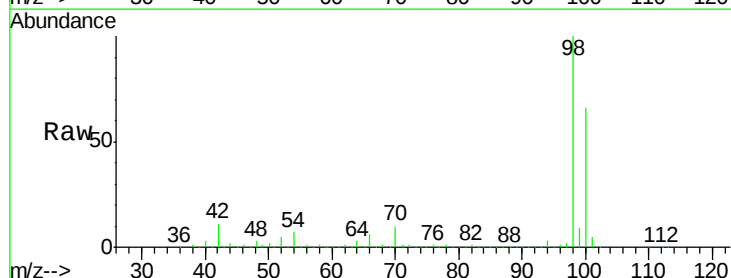
Acq: 17 May 2018 19:34

Tgt Ion: 98 Resp: 456678

Ion Ratio Lower Upper

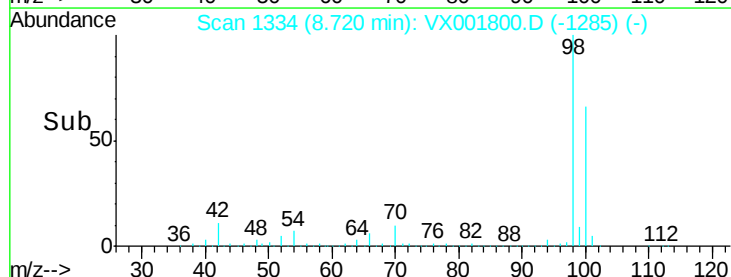
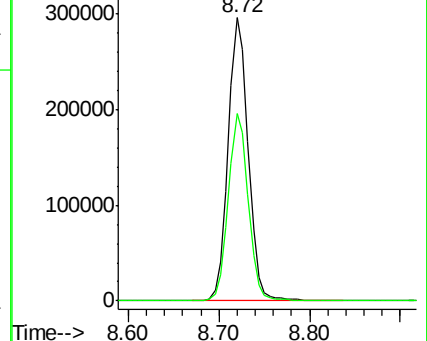
98 100

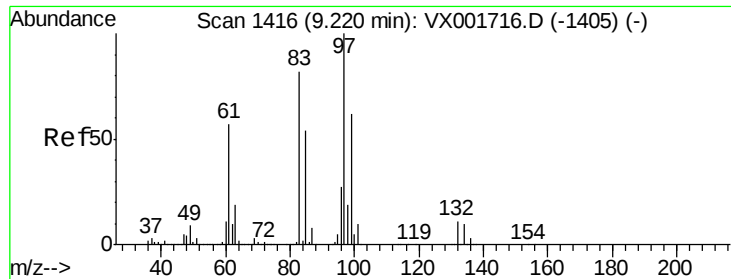
100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

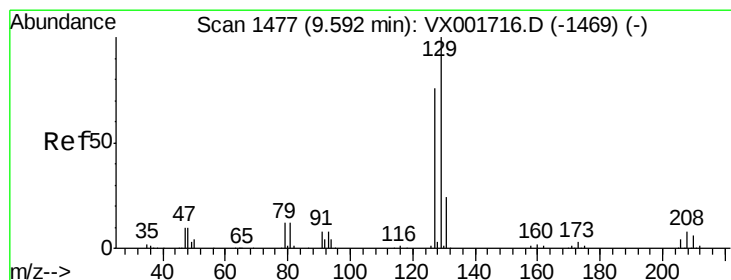
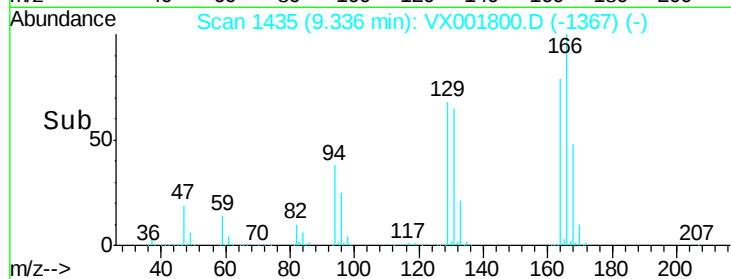
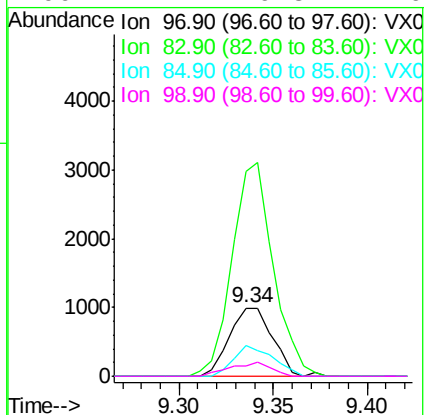
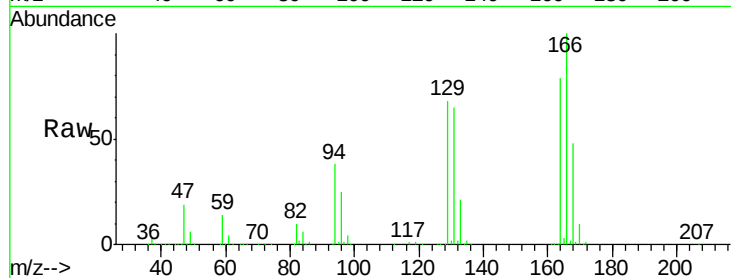




#55
 1,1,2-Trichloroethane
 Concen: 0.55 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. 0.12 min
 Lab File: VX001800.D
 Acq: 17 May 2018 19:34

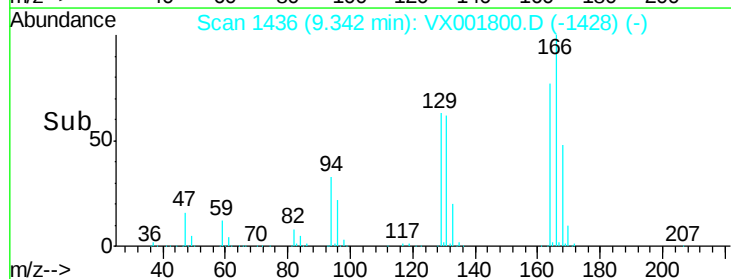
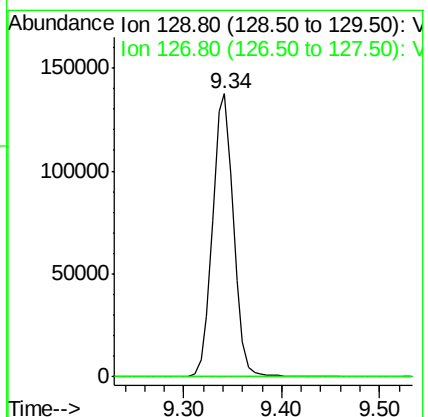
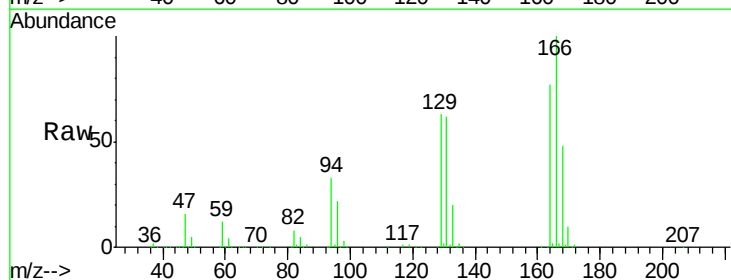
Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-180508DL

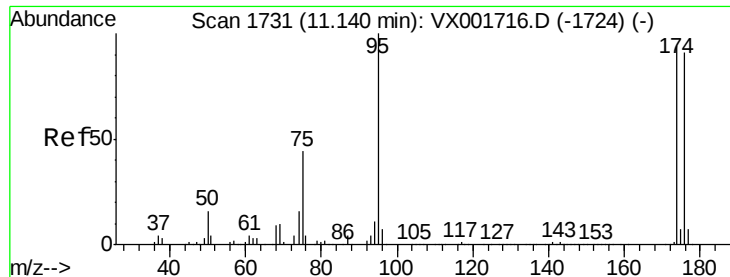
Tgt Ion: 97 Resp: 1581
 Ion Ratio Lower Upper
 97 100
 83 298.4 65.8 98.8#
 85 44.7 43.4 65.0
 99 14.4 49.8 74.6#



#60
 Dibromochloromethane
 Concen: 69.10 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001800.D
 Acq: 17 May 2018 19:34

Tgt Ion: 129 Resp: 203300
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.7 116.1#

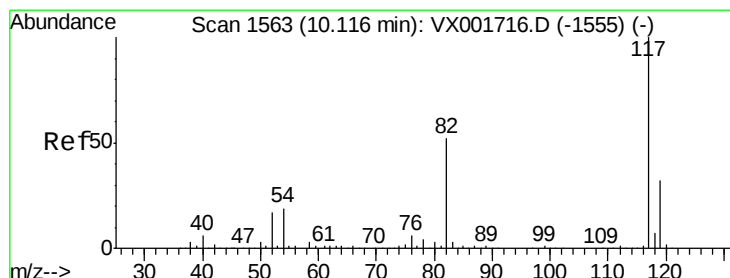
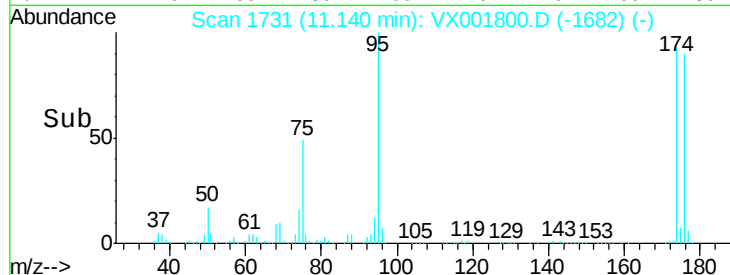
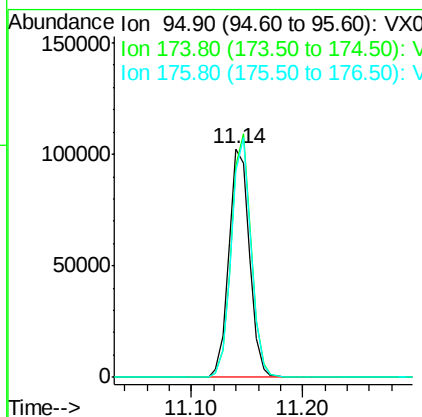
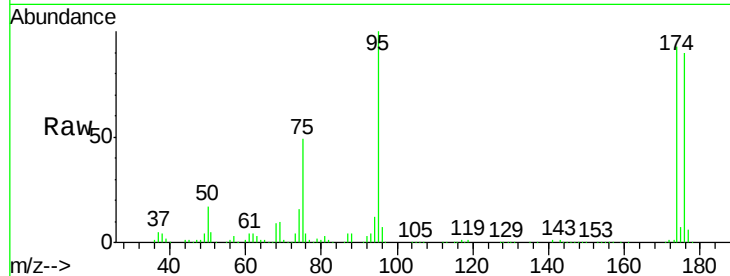




#62
4-Bromofluorobenzene
Concen: 34.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

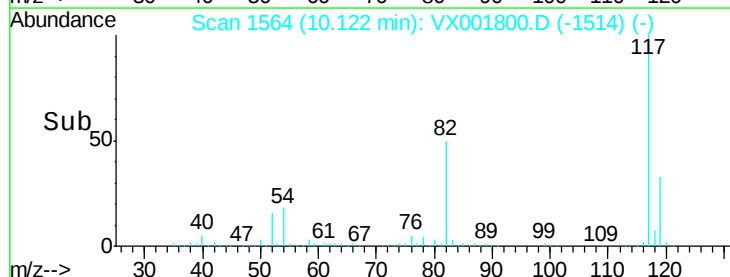
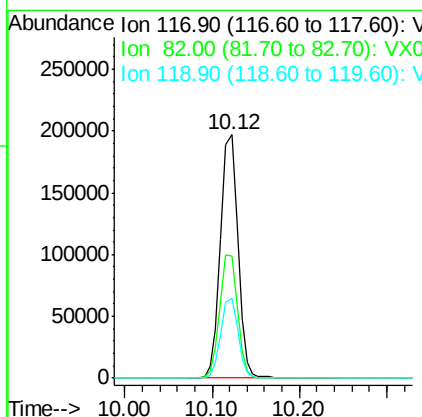
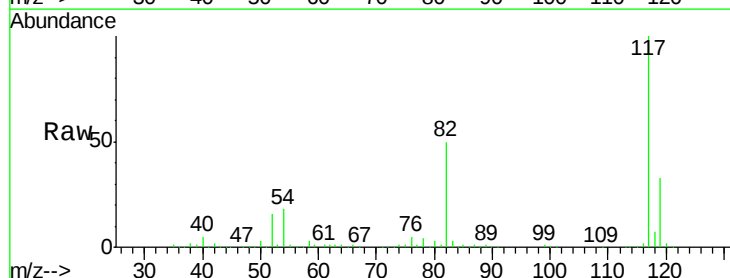
Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-180508DL

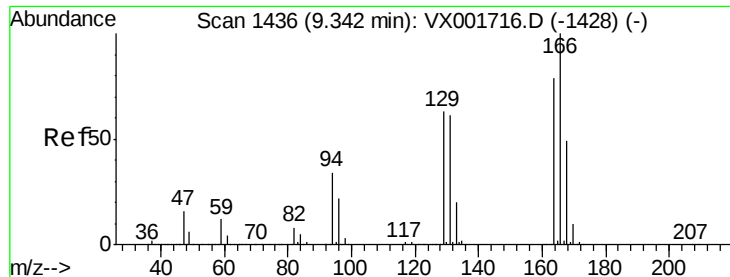
Tgt Ion: 95 Resp: 130808
Ion Ratio Lower Upper
95 100
174 103.0 0.0 201.8
176 100.6 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

Tgt Ion: 117 Resp: 273134
Ion Ratio Lower Upper
117 100
82 50.4 41.4 62.2
119 32.6 25.6 38.4

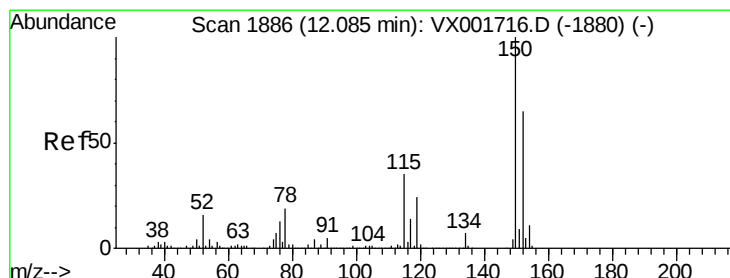
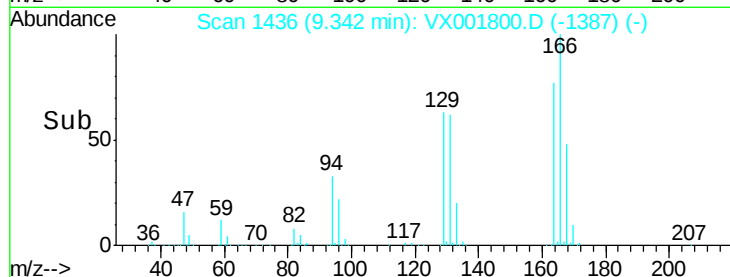
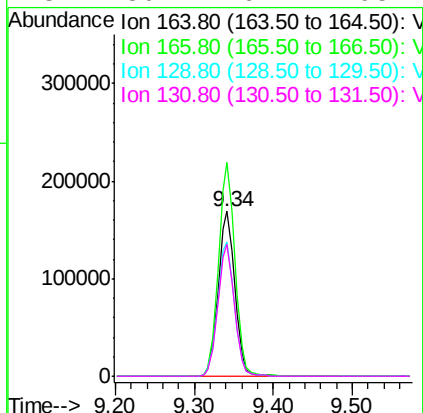
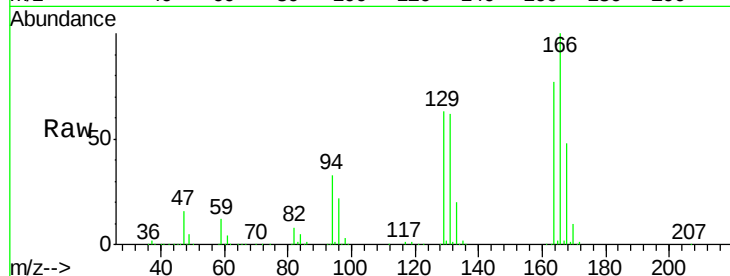




#64
Tetrachloroethene
Concen: 69.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

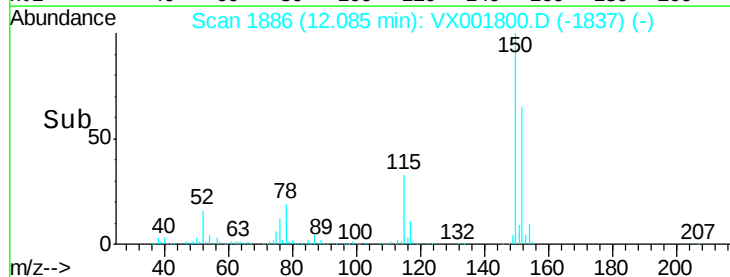
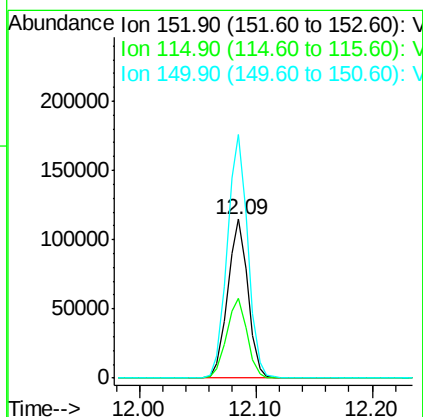
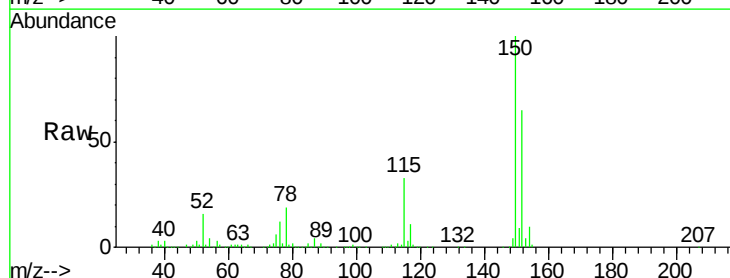
Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-180508DL

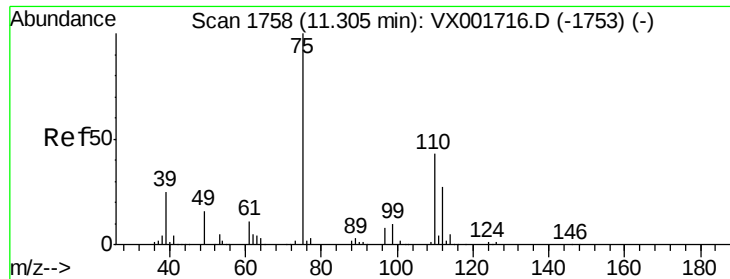
Tgt Ion:164 Resp: 248018
Ion Ratio Lower Upper
164 100
166 129.7 101.8 152.8
129 81.4 63.8 95.6
131 80.4 62.2 93.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001800.D
Acq: 17 May 2018 19:34

Tgt Ion:152 Resp: 137896
Ion Ratio Lower Upper
152 100
115 51.1 37.4 112.2
150 155.5 0.0 344.8

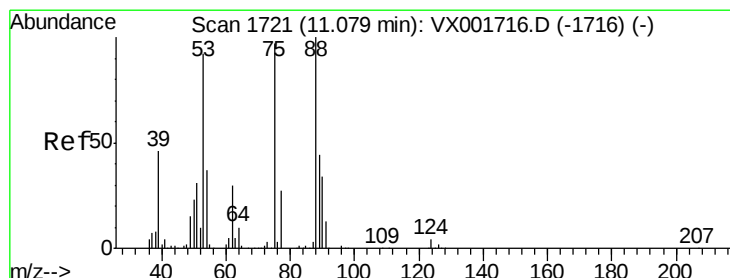
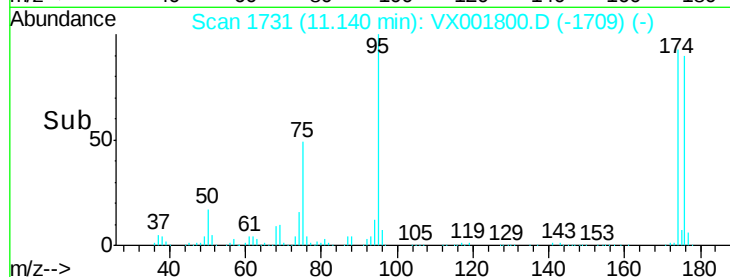
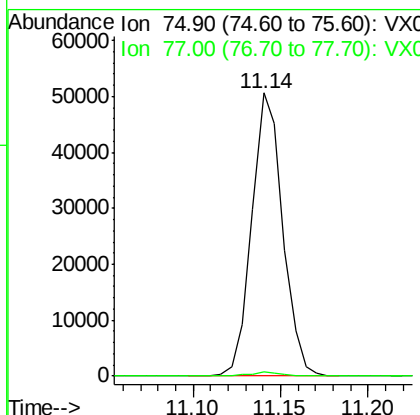
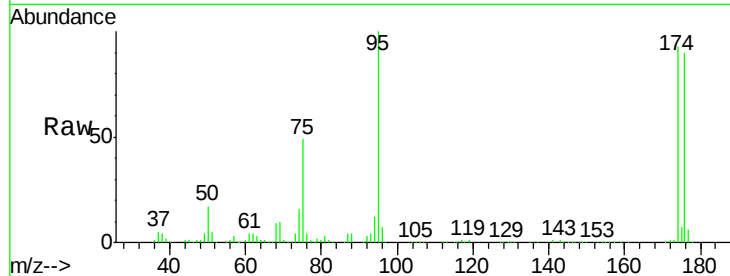




#76
 1,2,3-Trichloropropane
 Concen: 23.68 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001800.D
 Acq: 17 May 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-180508DL

Tgt Ion: 75 Resp: 62085
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.20 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001800.D
 Acq: 17 May 2018 19:34

Tgt Ion: 75 Resp: 62085
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.4 119.2#
 89 0.0 38.8 58.2#

