

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001775.D
 Acq On : 16 May 2018 20:04
 Operator : JC/MD
 Sample : J2853-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-180508

Quant Time: May 17 02:58:39 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	285993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	379572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155431	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	222502	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	
35) Dibromofluoromethane	5.51	113	187512	58.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.08%	
50) Toluene-d8	8.72	98	658444	57.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.78%	
62) 4-Bromofluorobenzene	11.14	95	188330	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

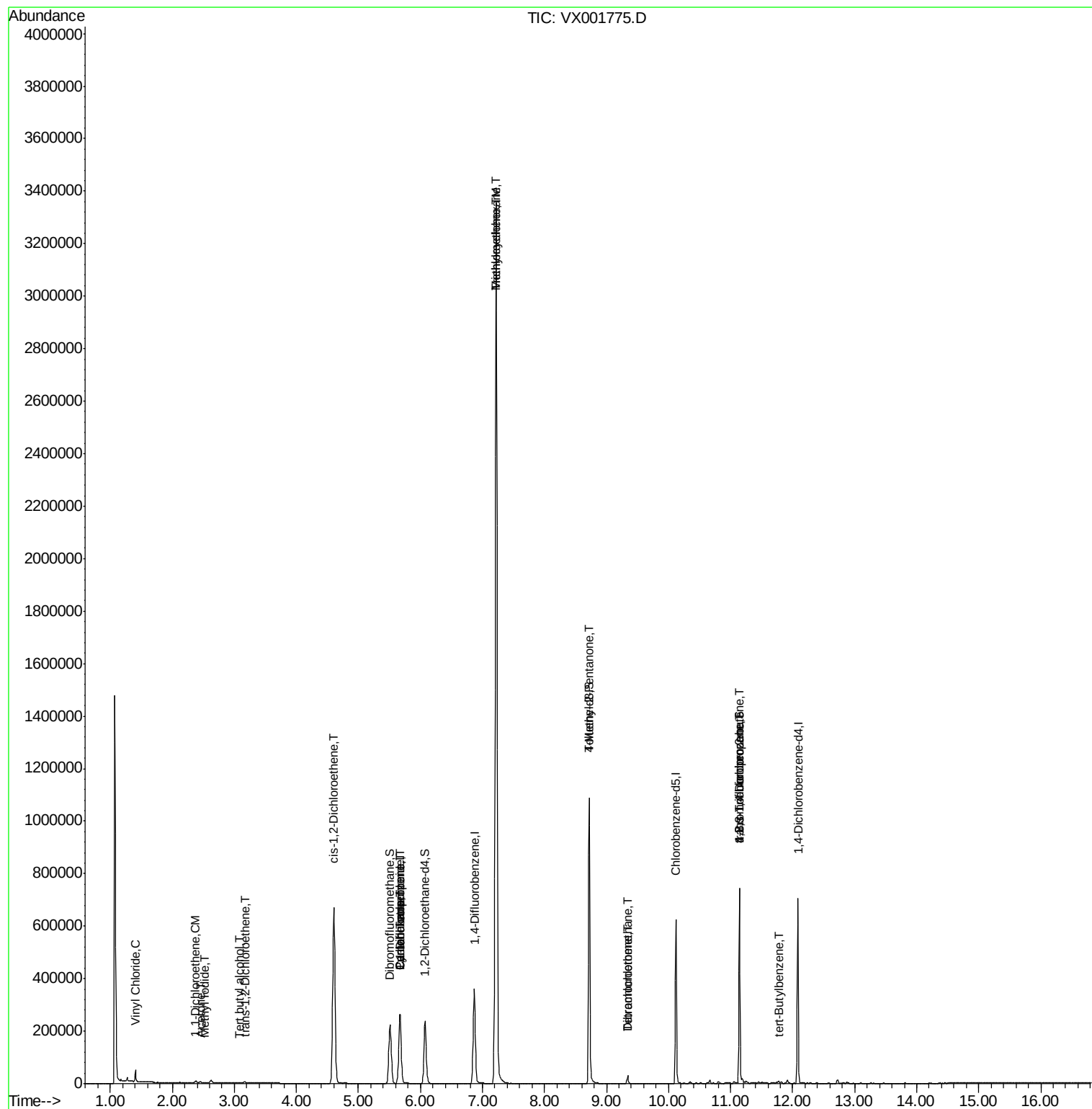
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	27355	8.16	ug/l	100
5) Bromomethane	1.65	94	1007	Below Cal		94
10) Methyl Iodide	2.53	142	766	0.28	ug/l #	91
11) Tert butyl alcohol	3.08	59	482	0.71	ug/l	99
12) 1,1-Dichloroethene	2.38	96	1730	0.61	ug/l	96
16) Acetone	2.45	43	1901	1.26	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	2036	0.65	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	444350	125.40	ug/l	90
31) Cyclohexane	5.67	56	4394	0.91	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17195	3.94	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24161	5.28	ug/l #	15
39) Methylcyclohexane	7.22	83	13970	2.74	ug/l #	1
44) Trichloroethene	7.22	130	1393814	348.82	ug/l	100
51) 4-Methyl-2-Pentanone	8.72	43	2846	0.63	ug/l #	1
60) Dibromochloromethane	9.34	129	5831	1.80	ug/l #	11
64) Tetrachloroethene	9.34	164	7236	1.81	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	89203	30.18	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	89203	87.30	ug/l #	10
83) tert-Butylbenzene	11.77	119	2068	0.25	ug/l	75

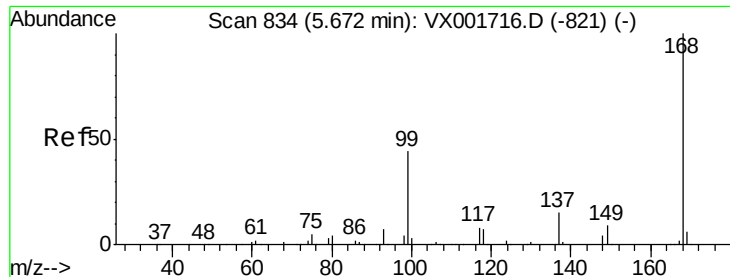
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001775.D

Acq: 16 May 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

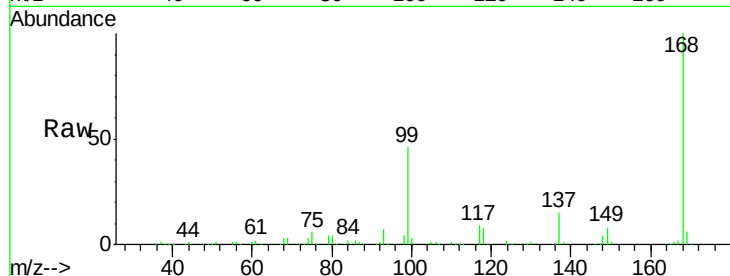
KY036MW026-180508

Tgt Ion:168 Resp: 285993

Ion Ratio Lower Upper

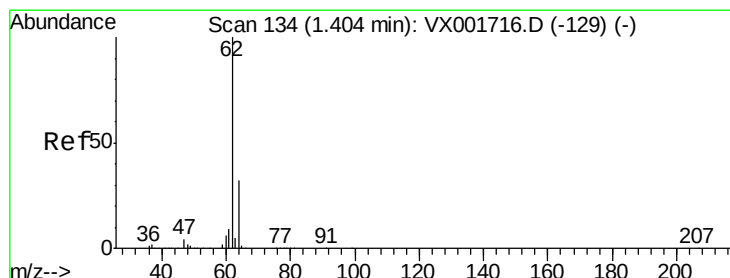
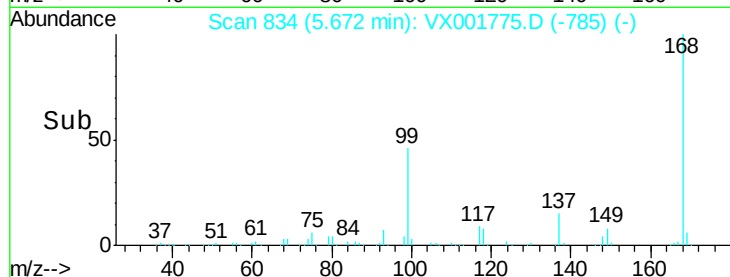
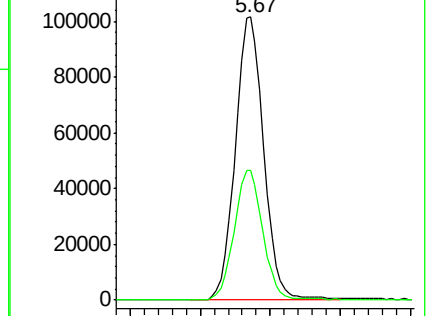
168 100

99 46.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 8.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001775.D

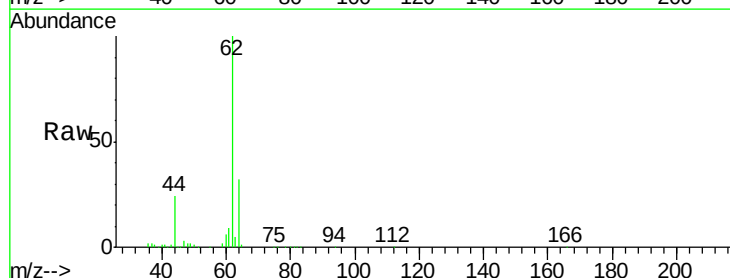
Acq: 16 May 2018 20:04

Tgt Ion: 62 Resp: 27355

Ion Ratio Lower Upper

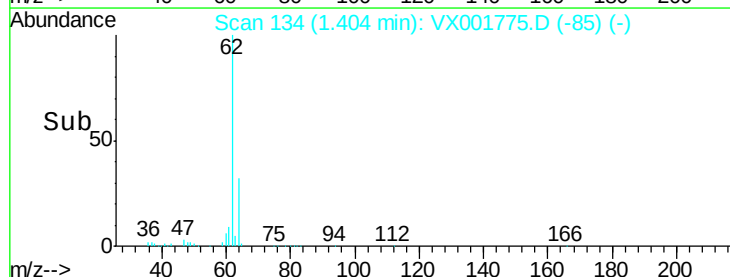
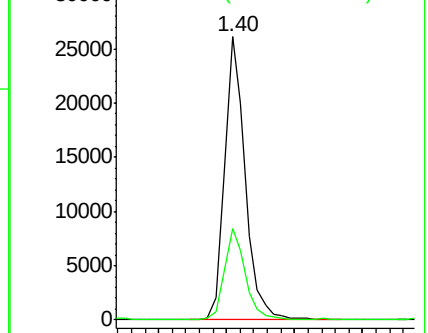
62 100

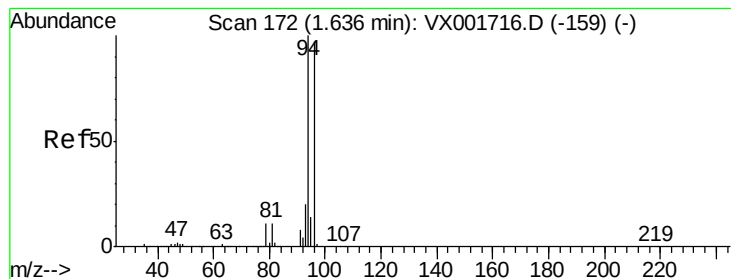
64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

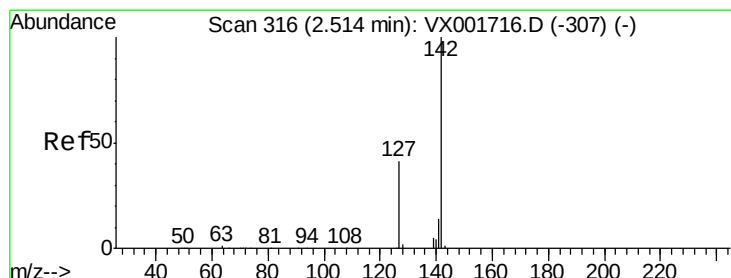
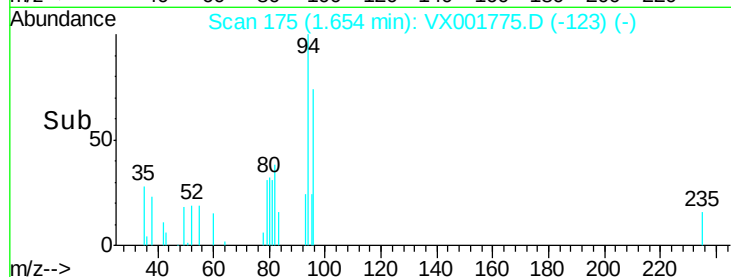
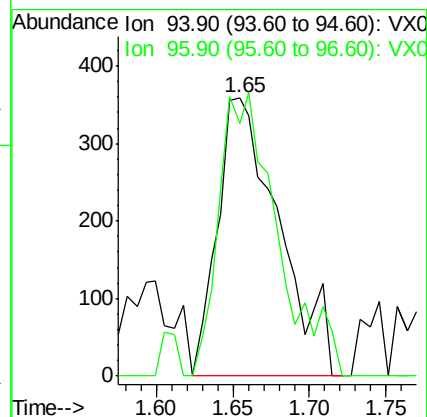
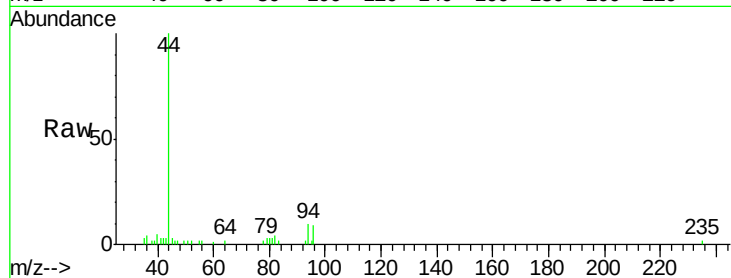
KY036MW026-180508

Tgt Ion: 94 Resp: 1007

Ion Ratio Lower Upper

94 100

96 90.8 77.4 116.0



#10

Methyl Iodide

Concen: 0.28 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

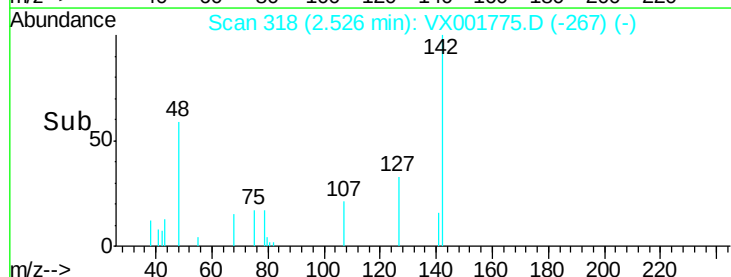
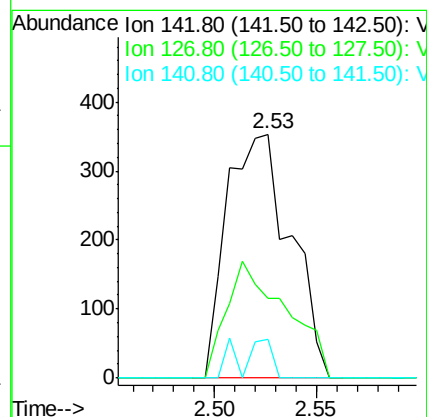
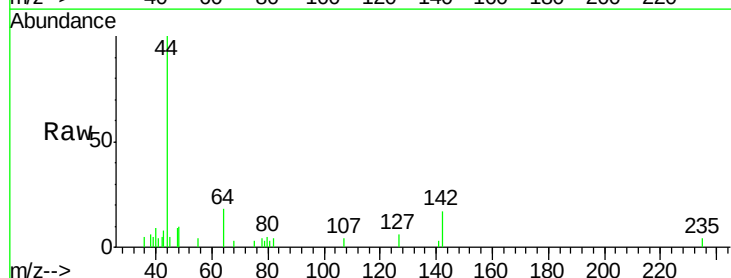
Tgt Ion: 142 Resp: 766

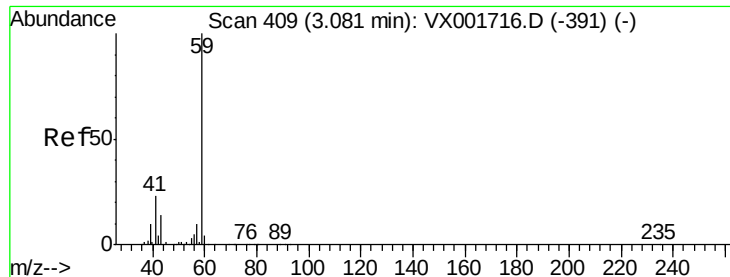
Ion Ratio Lower Upper

142 100

127 45.0 32.5 48.7

141 8.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.71 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

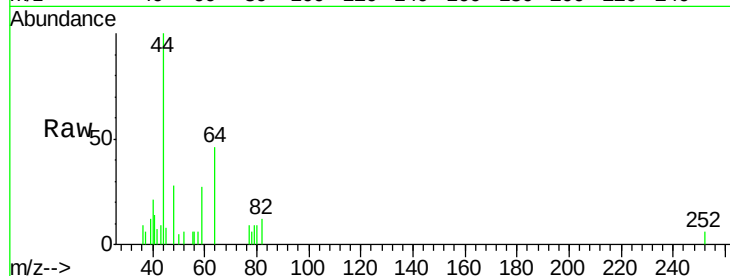
KY036MW026-180508

Tgt Ion: 59 Resp: 482

Ion Ratio Lower Upper

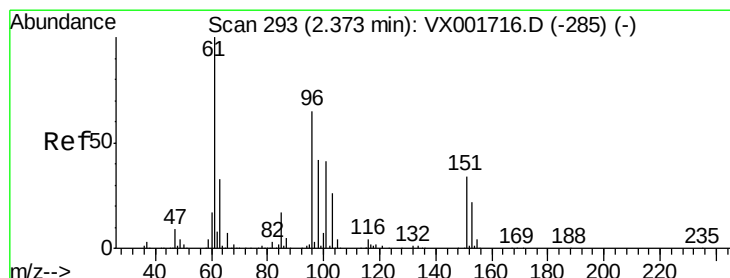
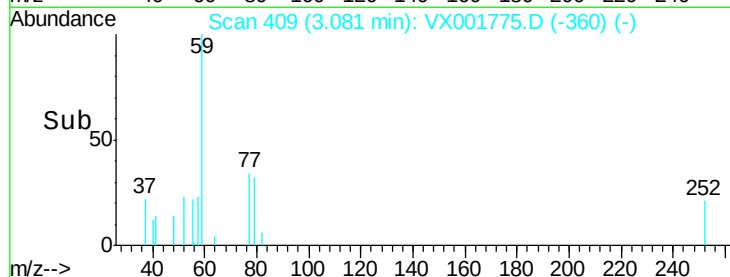
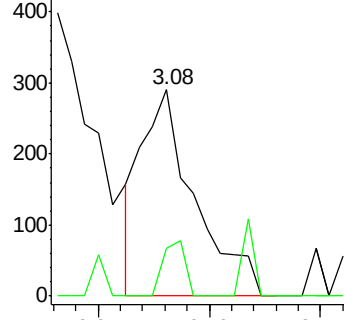
59 100

57 11.0 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 0.61 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

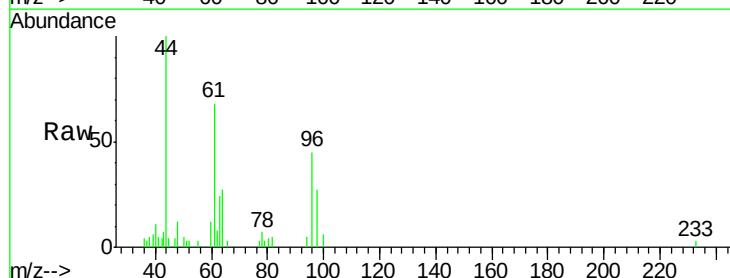
Tgt Ion: 96 Resp: 1730

Ion Ratio Lower Upper

96 100

61 149.2 122.2 183.2

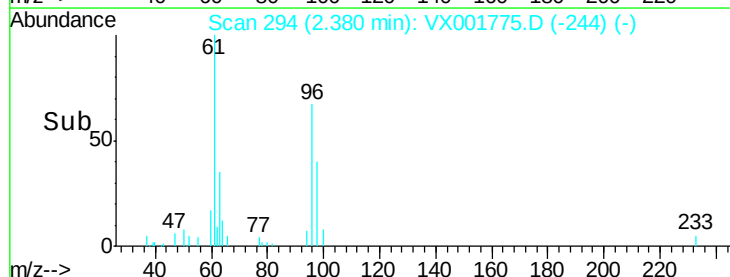
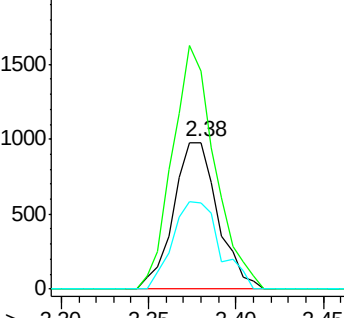
98 59.1 51.4 77.0

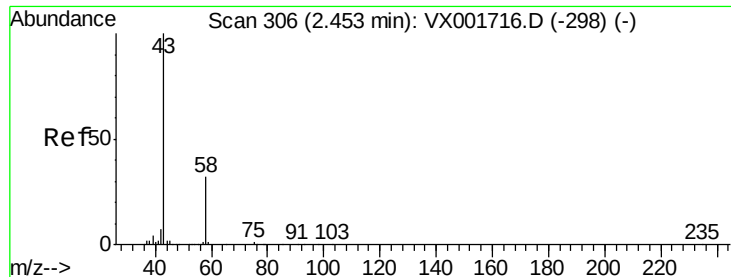


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 1.26 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

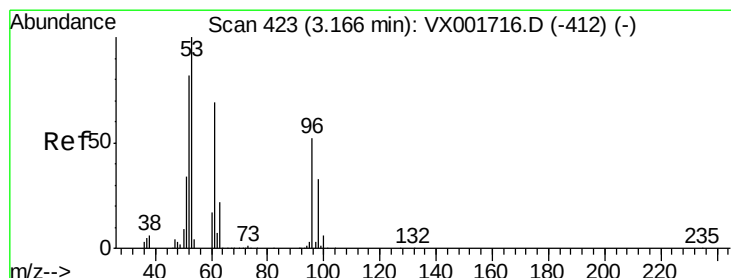
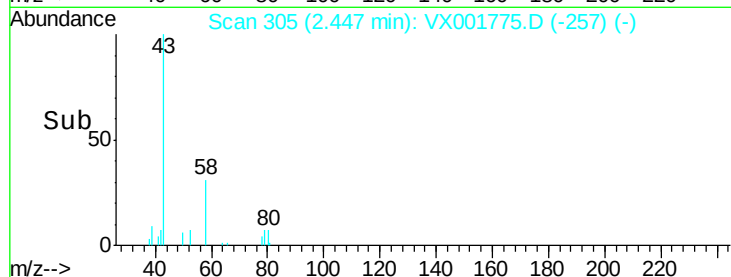
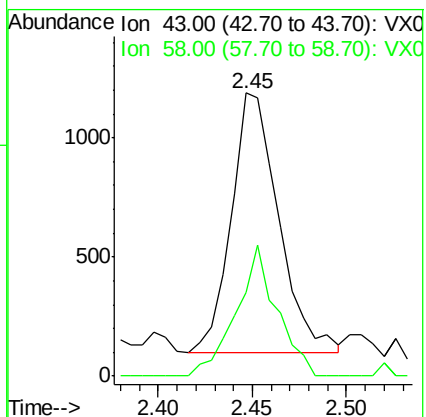
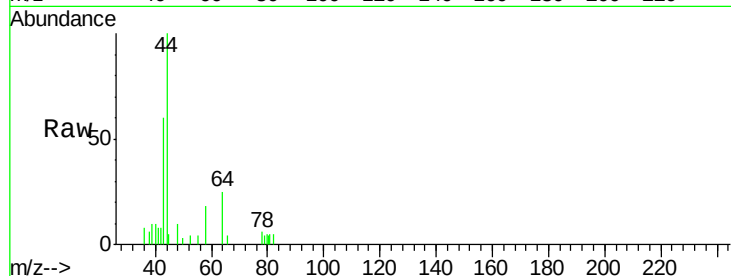
KY036MW026-180508

Tgt Ion: 43 Resp: 1901

Ion Ratio Lower Upper

43 100

58 32.3 25.3 37.9



#21

trans-1,2-Dichloroethene

Concen: 0.65 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

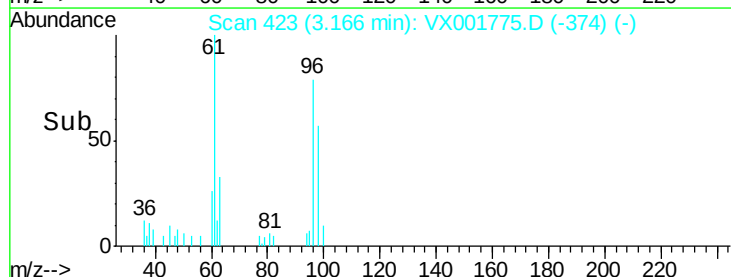
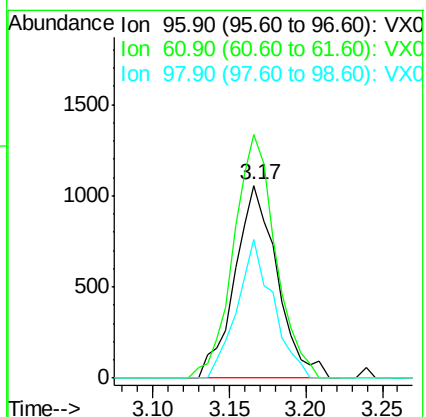
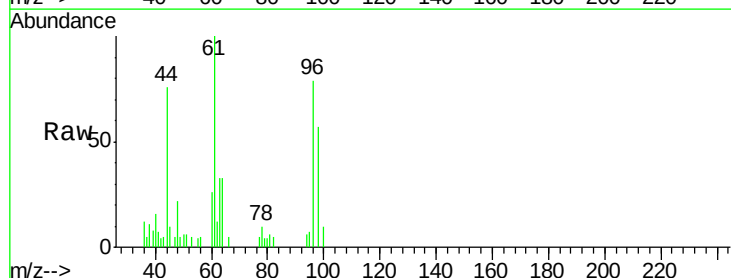
Tgt Ion: 96 Resp: 2036

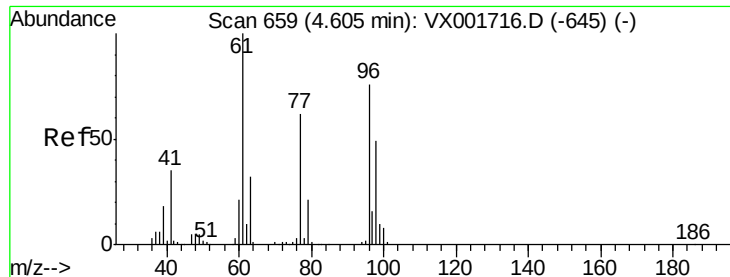
Ion Ratio Lower Upper

96 100

61 126.3 105.8 158.8

98 71.8 50.2 75.4





#27

cis-1,2-Dichloroethene

Concen: 125.40 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-180508

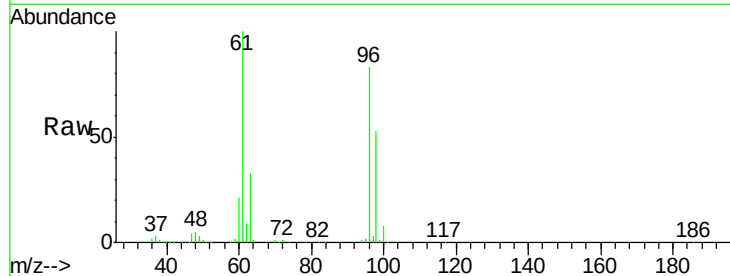
Tgt Ion: 96 Resp: 444350

Ion Ratio Lower Upper

96 100

61 122.0 0.0 280.4

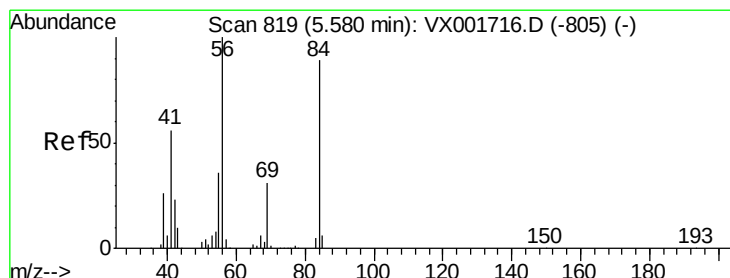
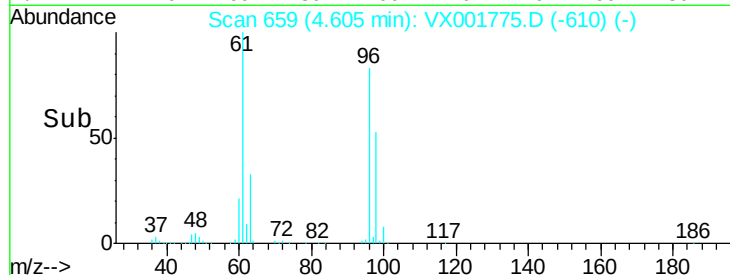
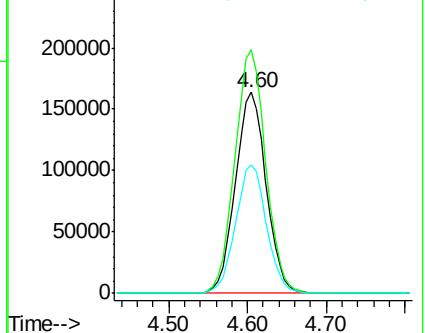
98 64.2 0.0 128.4



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: 0.91 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

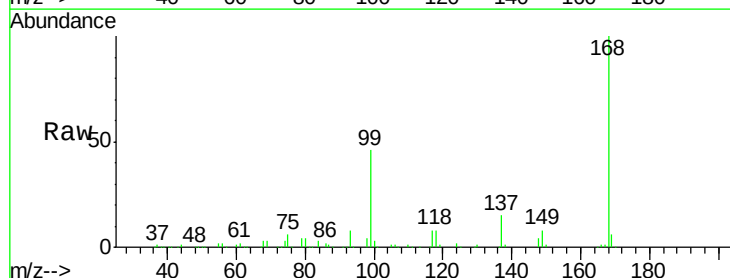
Tgt Ion: 56 Resp: 4394

Ion Ratio Lower Upper

56 100

69 182.6 25.0 37.6#

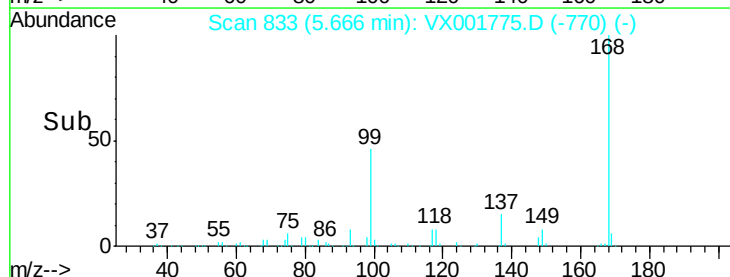
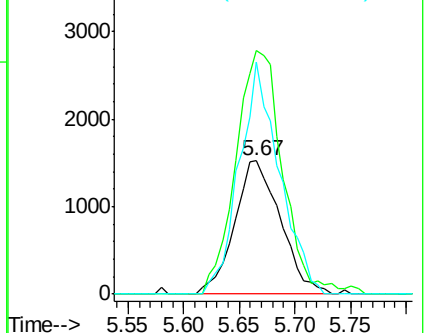
84 174.3 71.0 106.4#

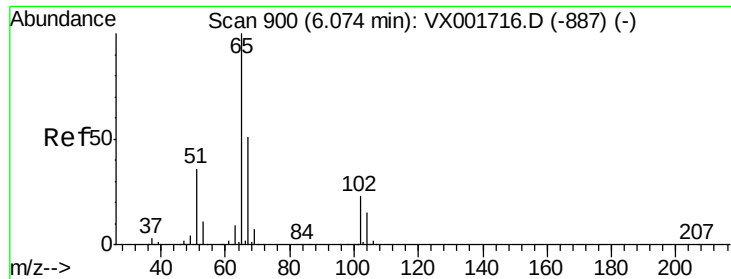


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

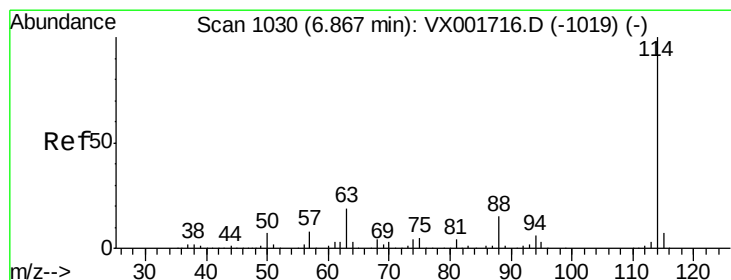
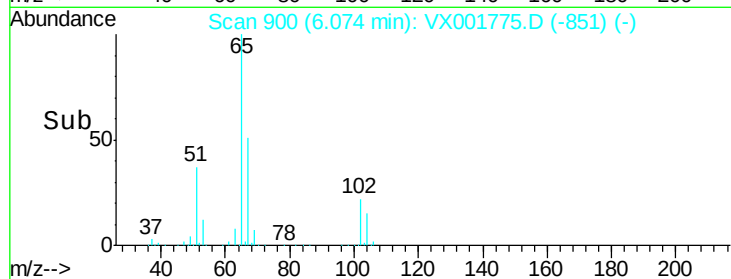
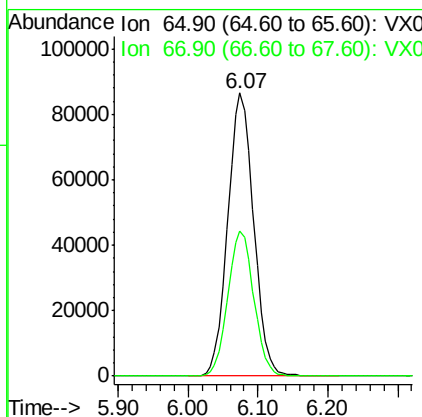
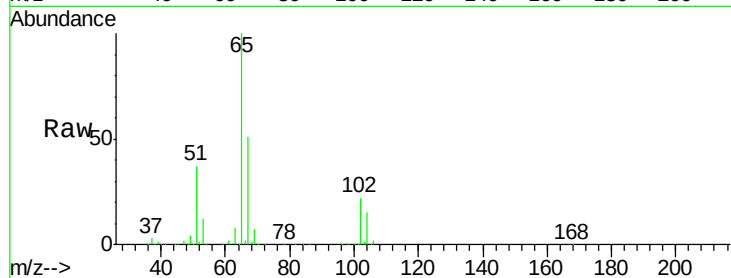




#33
 1,2-Dichloroethane-d4
 Concen: 58.04 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

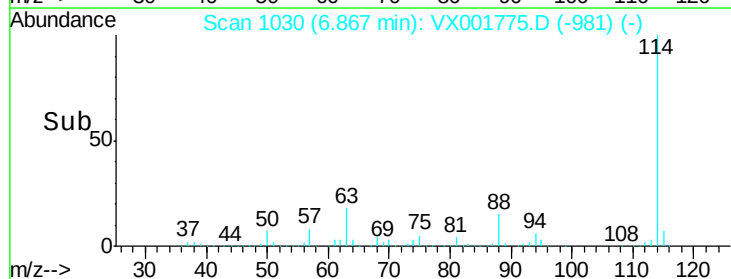
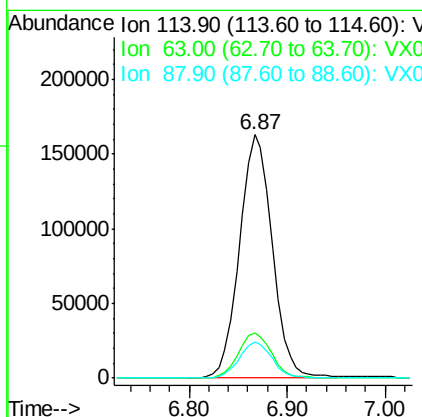
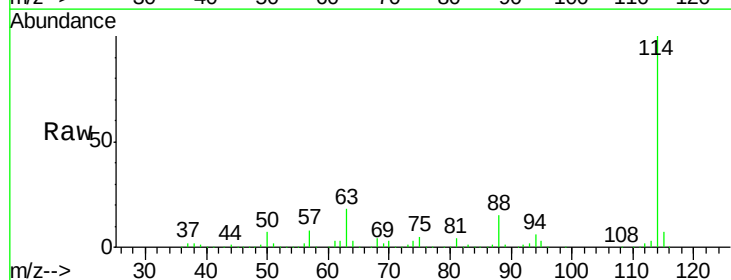
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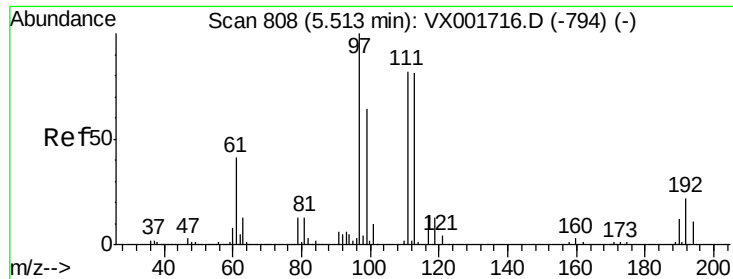
Tgt Ion: 65 Resp: 222502
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

Tgt Ion: 114 Resp: 379572
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.0
 88 14.8 0.0 29.8

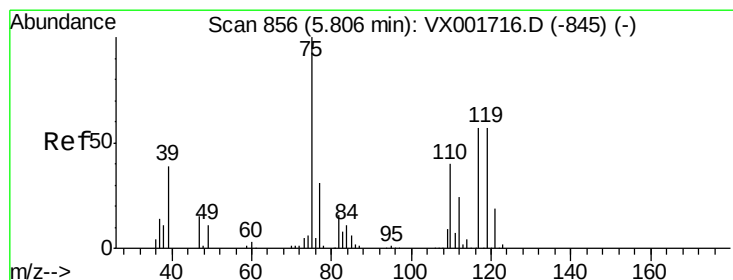
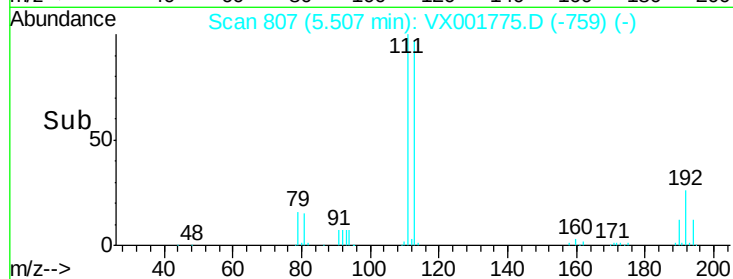
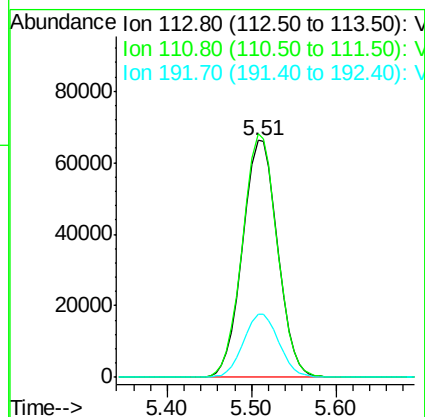
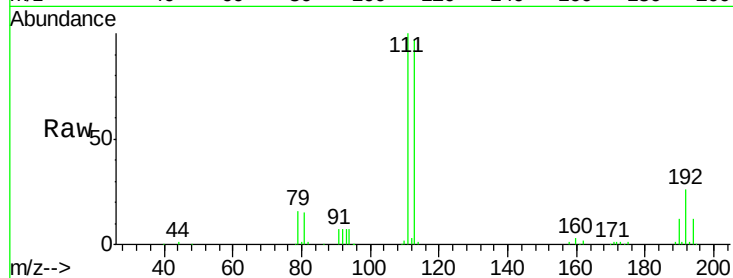




#35
 Dibromofluoromethane
 Concen: 58.54 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

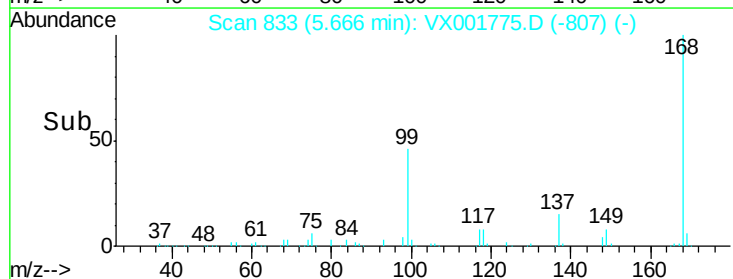
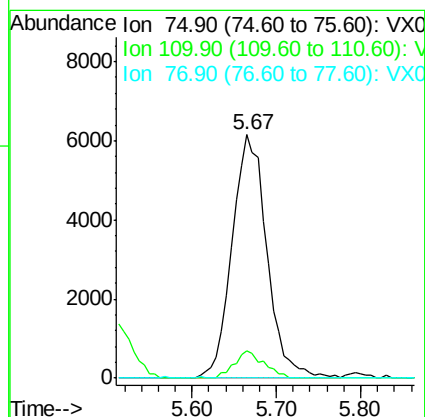
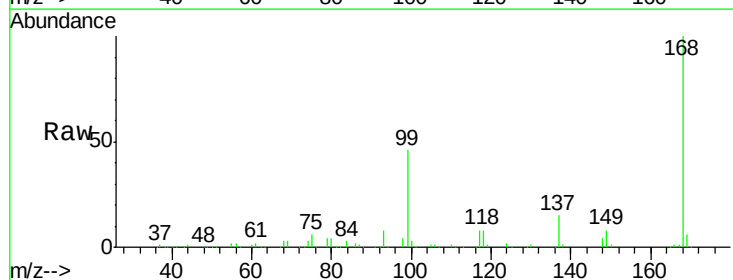
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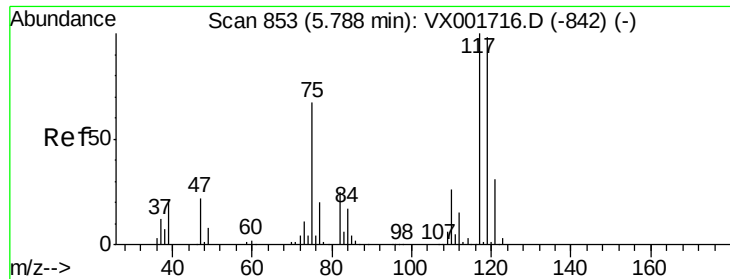
Tgt Ion:113 Resp: 187512
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 26.7 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.94 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

Tgt Ion: 75 Resp: 17195
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.1 57.1#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.28 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-180508

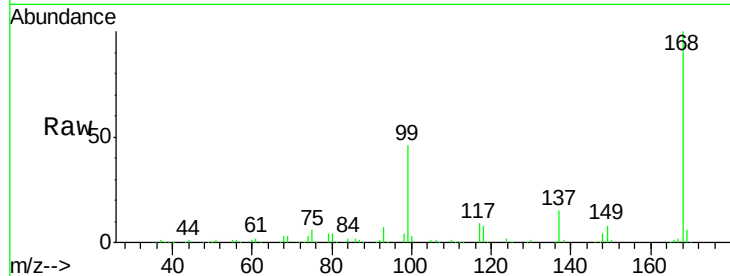
Tgt Ion: 117 Resp: 24161

Ion Ratio Lower Upper

117 100

119 5.0 77.6 116.4#

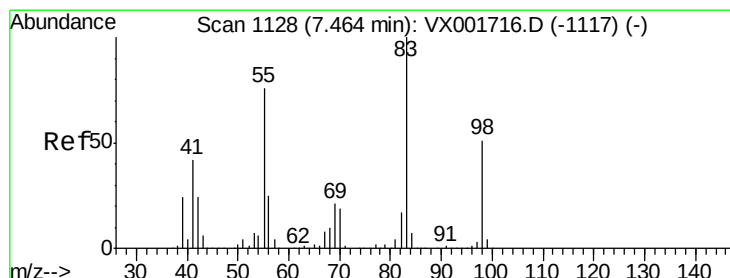
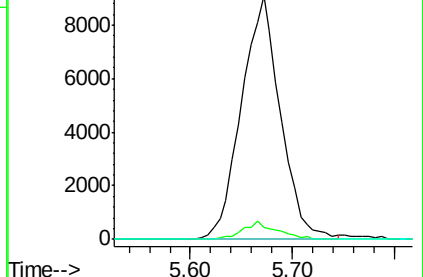
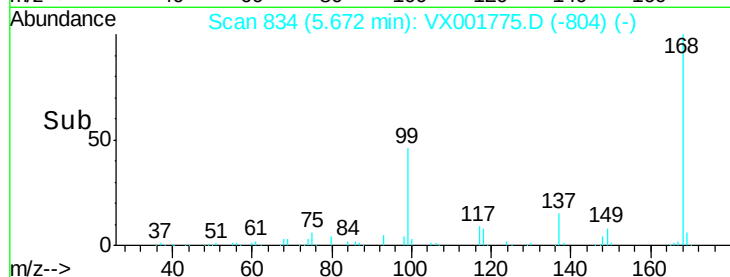
121 0.0 24.6 36.8#



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: 2.74 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.24 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

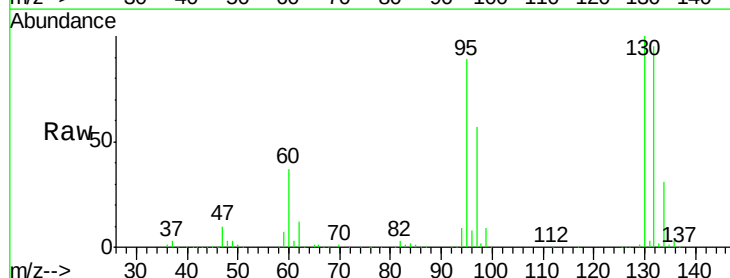
Tgt Ion: 83 Resp: 13970

Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

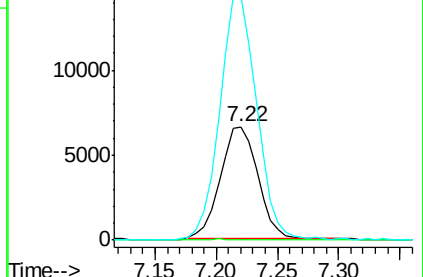
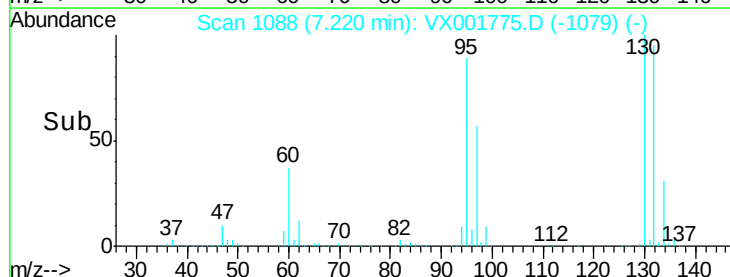
98 220.2 40.4 60.6#

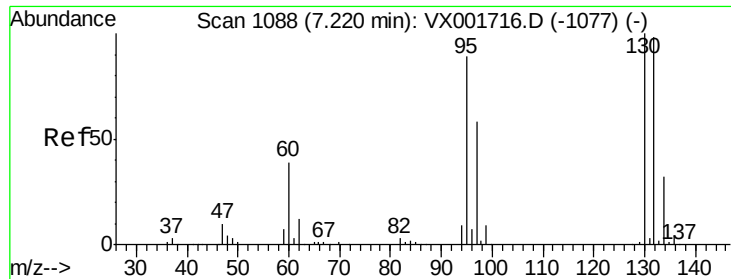


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 348.82 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001775.D

Acq: 16 May 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

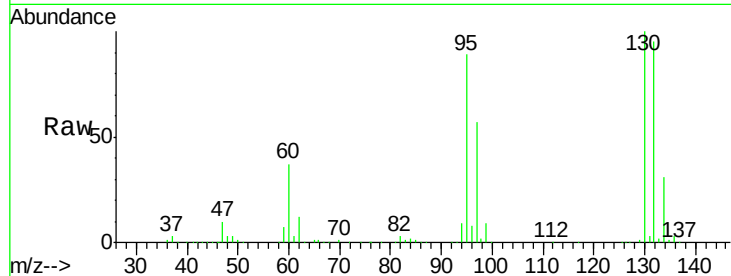
KY036MW026-180508

Tgt Ion:130 Resp: 1393814

Ion Ratio Lower Upper

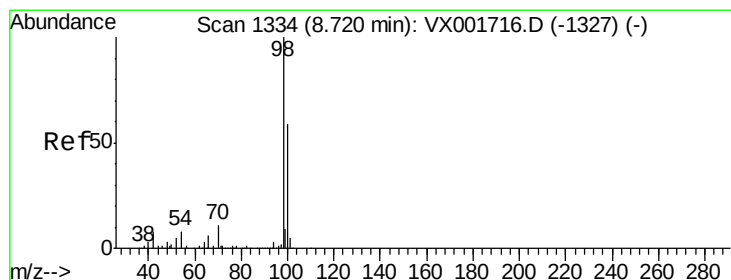
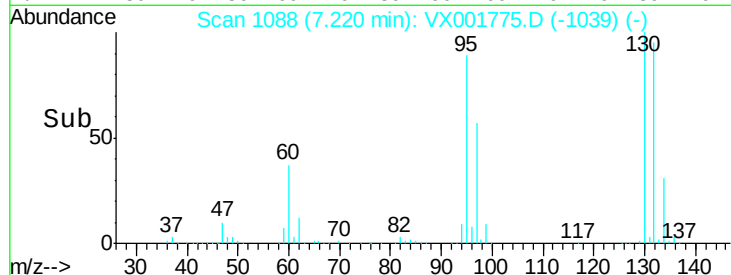
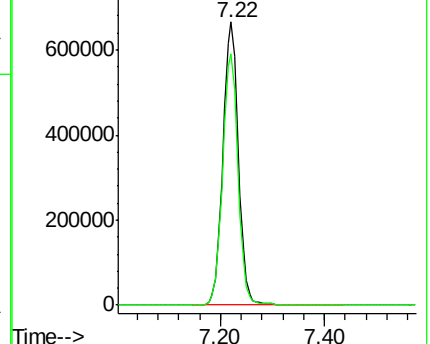
130 100

95 88.6 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: 57.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001775.D

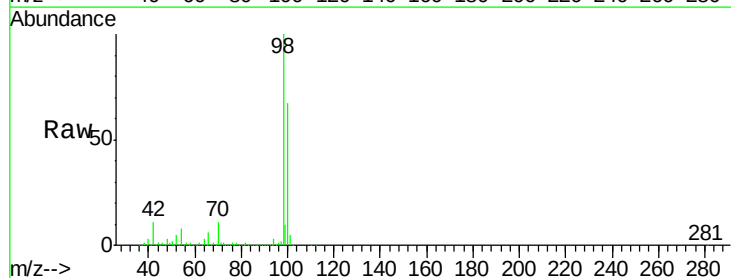
Acq: 16 May 2018 20:04

Tgt Ion: 98 Resp: 658444

Ion Ratio Lower Upper

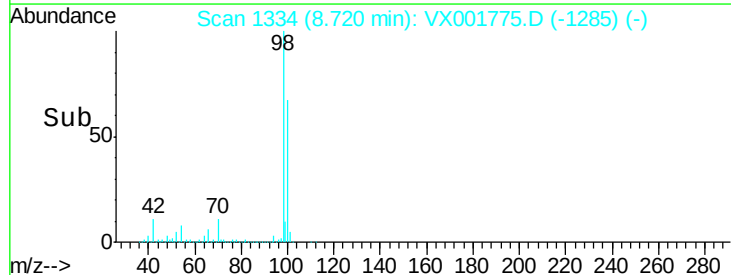
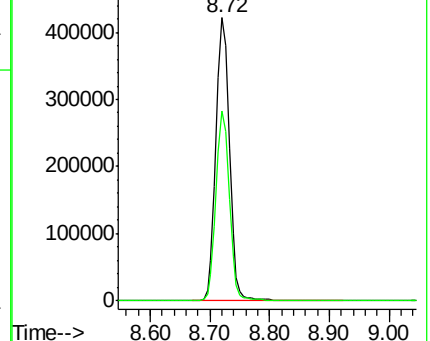
98 100

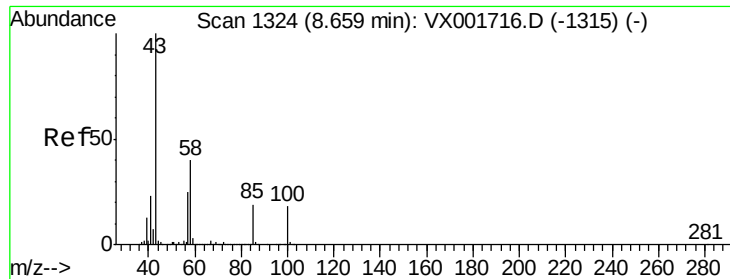
100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

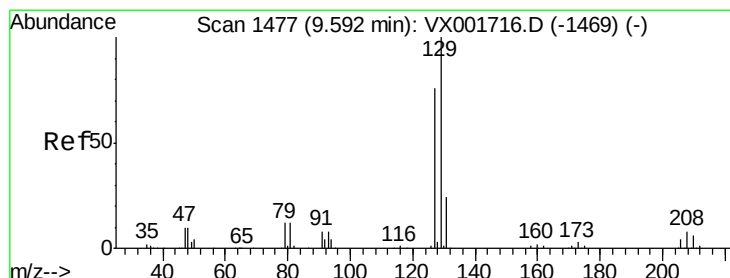
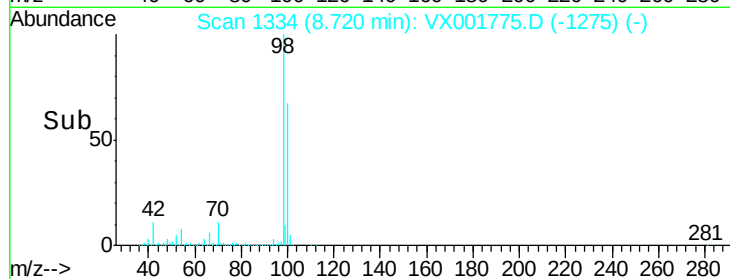
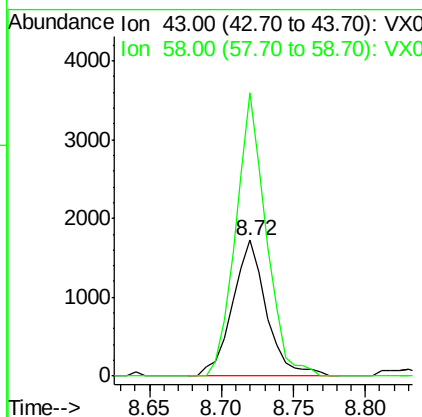
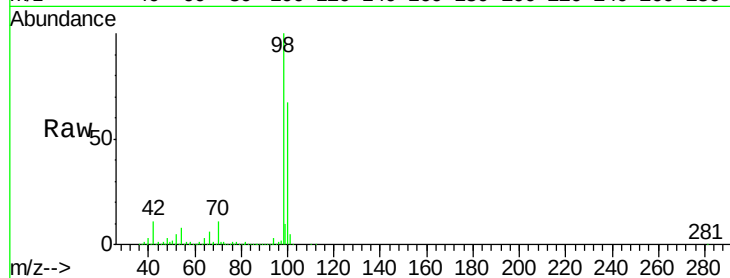




#51
 4-Methyl-2-Pentanone
 Concen: 0.63 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.06 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

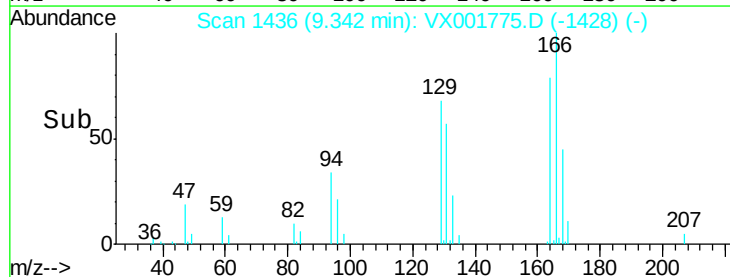
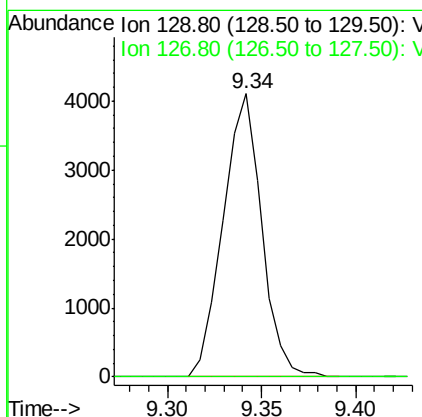
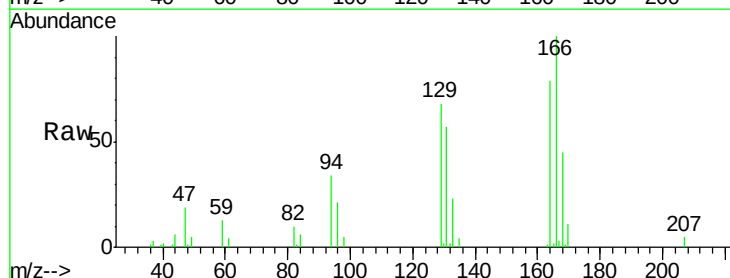
Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-180508

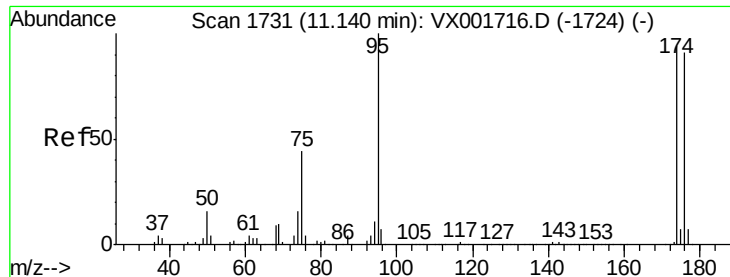
Tgt Ion: 43 Resp: 2846
 Ion Ratio Lower Upper
 43 100
 58 184.6 31.4 47.0#



#60
 Dibromochloromethane
 Concen: 1.80 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

Tgt Ion: 129 Resp: 5831
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.7 116.1#

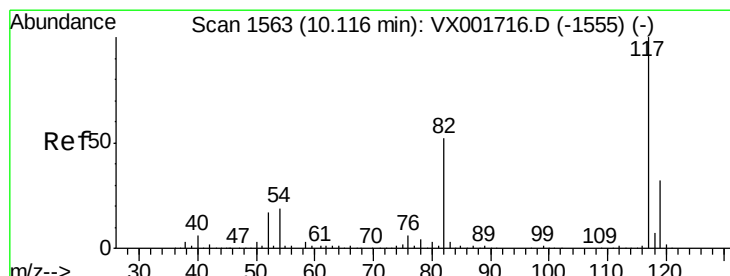
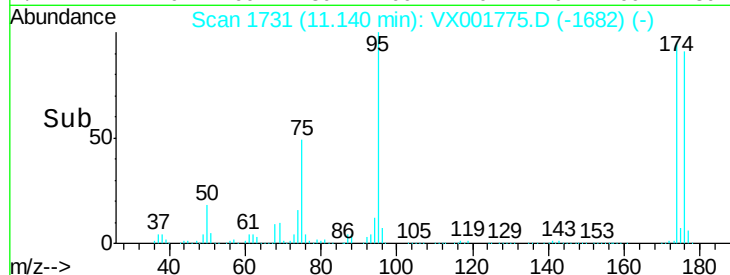
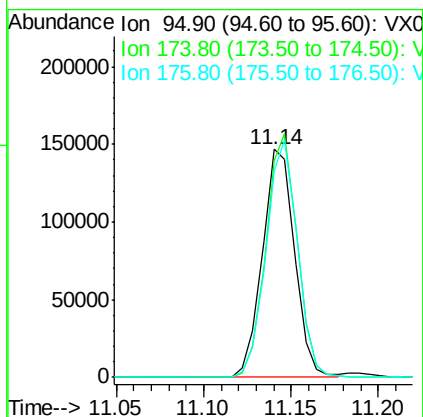
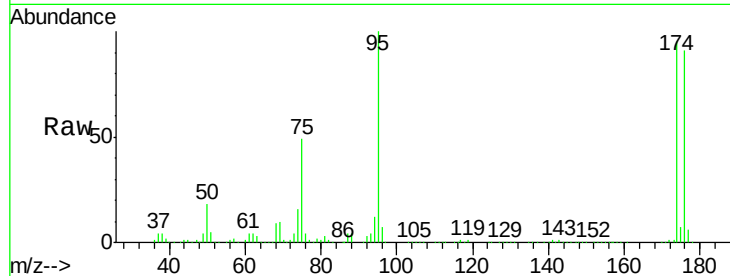




#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001775.D
Acq: 16 May 2018 20:04

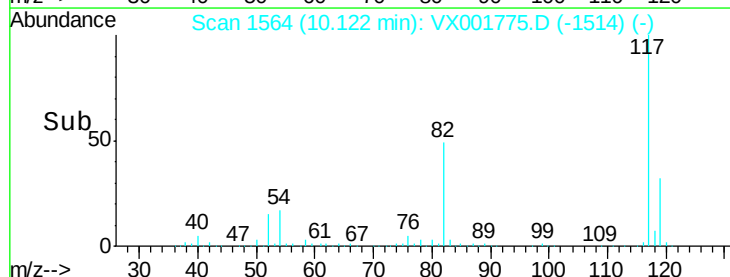
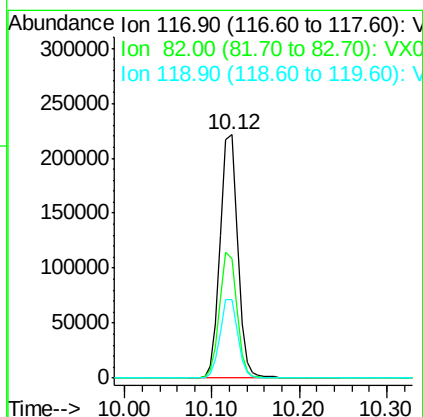
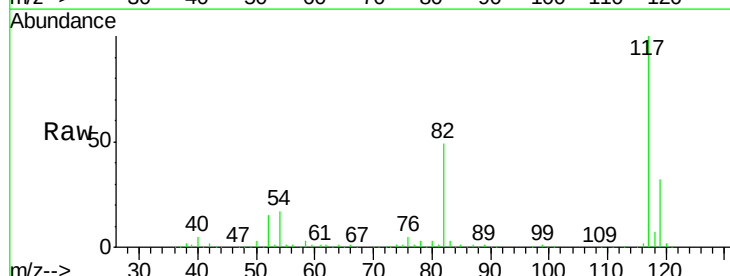
Instrument :
MSVOA_X
ClientSampleId :
KY036MW026-180508

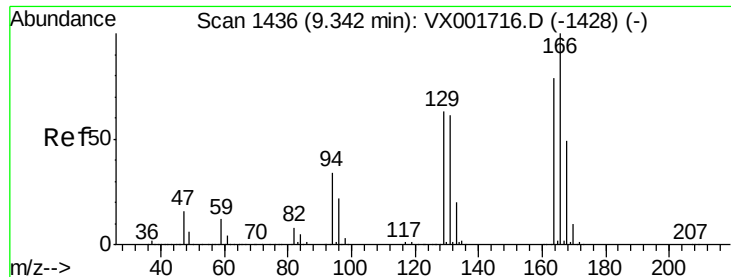
Tgt Ion: 95 Resp: 188330
Ion Ratio Lower Upper
95 100
174 104.2 0.0 201.8
176 101.1 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001775.D
Acq: 16 May 2018 20:04

Tgt Ion: 117 Resp: 307078
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 32.2 25.6 38.4

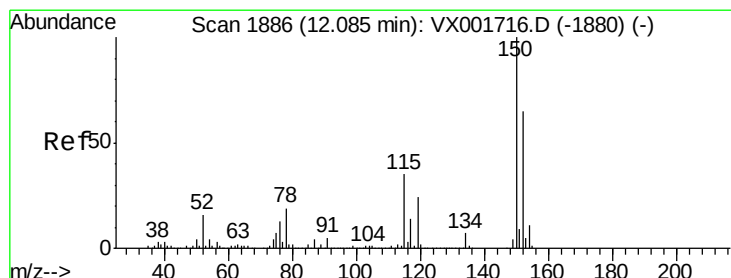
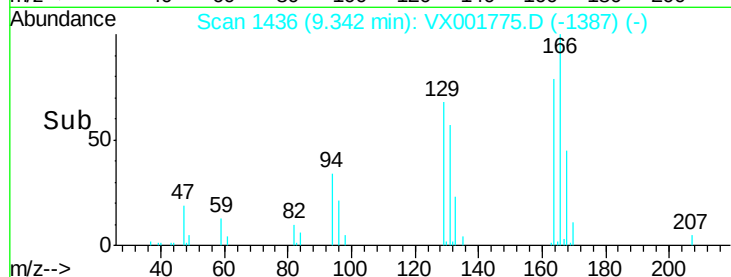
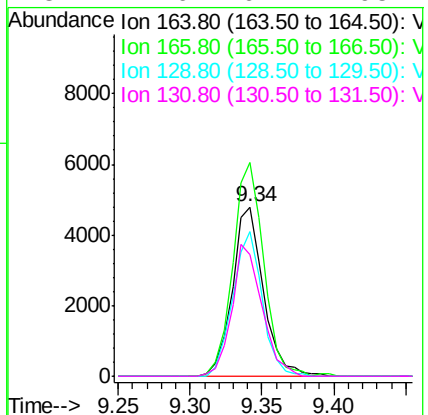
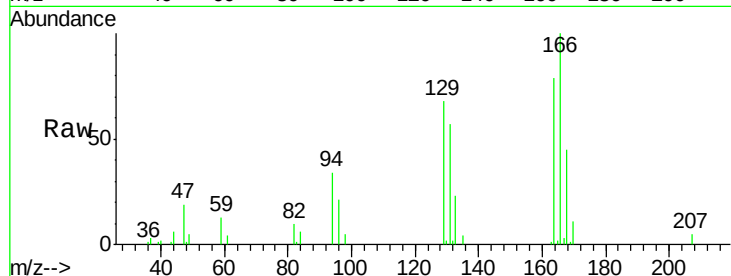




#64
Tetrachloroethene
Concen: 1.81 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001775.D
Acq: 16 May 2018 20:04

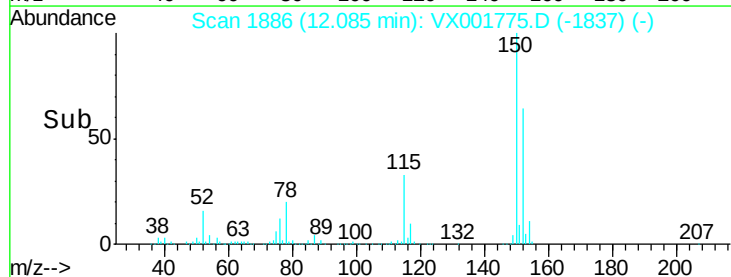
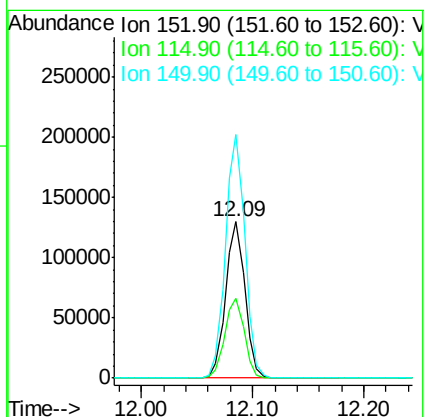
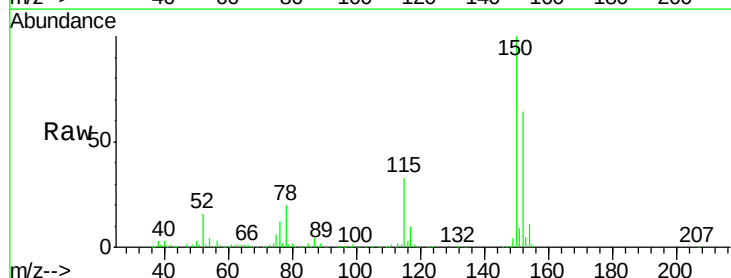
Instrument :
MSVOA_X
ClientSampleId :
KY036MW026-180508

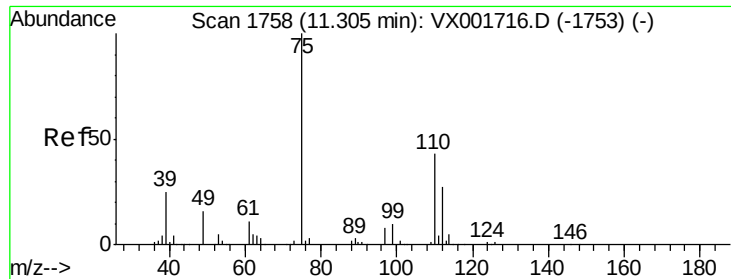
Tgt Ion:164 Resp: 7236
Ion Ratio Lower Upper
164 100
166 125.9 101.8 152.8
129 85.4 63.8 95.6
131 71.6 62.2 93.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001775.D
Acq: 16 May 2018 20:04

Tgt Ion:152 Resp: 155431
Ion Ratio Lower Upper
152 100
115 51.7 37.4 112.2
150 157.5 0.0 344.8

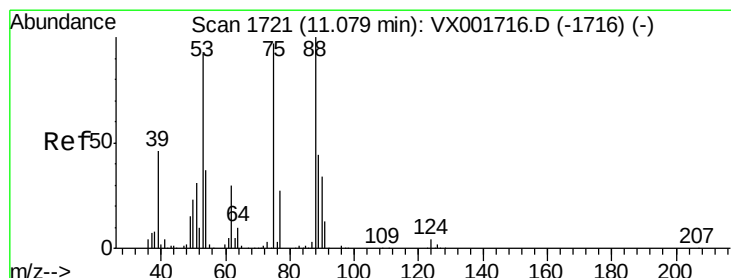
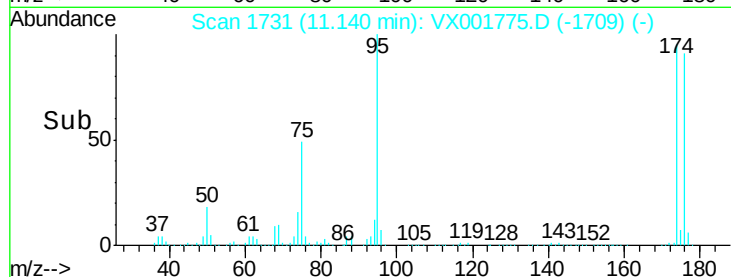
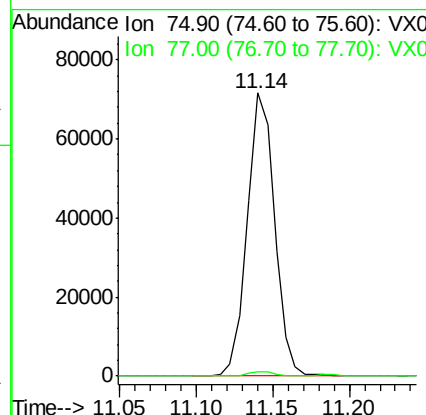
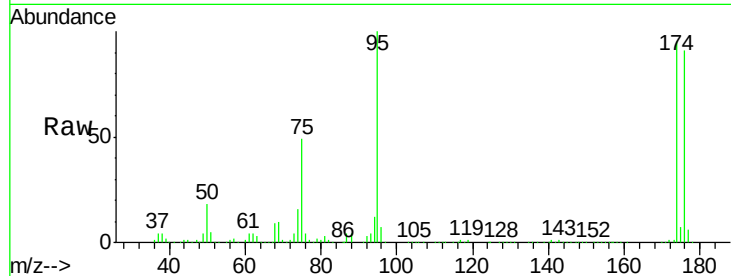




#76
 1,2,3-Trichloropropane
 Concen: 30.18 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

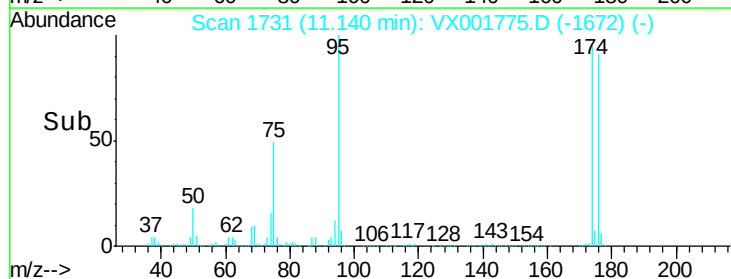
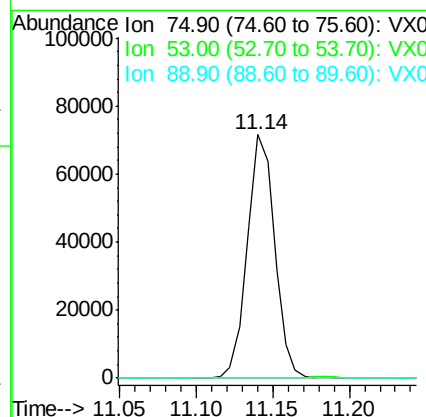
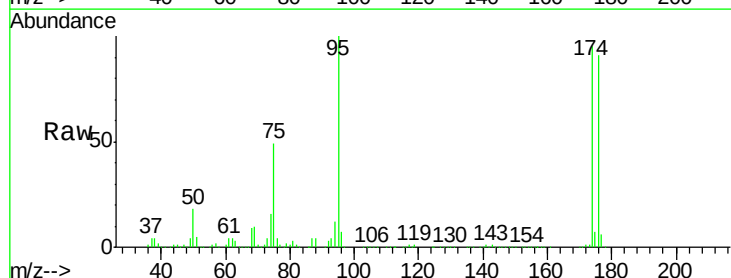
Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-180508

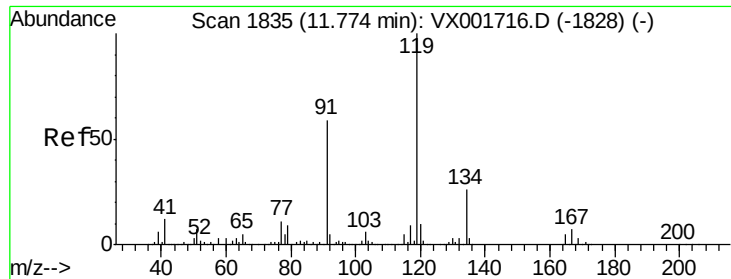
Tgt Ion: 75 Resp: 89203
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.30 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

Tgt Ion: 75 Resp: 89203
 Ion Ratio Lower Upper
 75 100
 53 0.3 79.4 119.2#
 89 0.0 38.8 58.2#





#83
 tert-Butylbenzene
 Concen: 0.25 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001775.D
 Acq: 16 May 2018 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-180508

Tgt Ion: 119 Resp: 2068
 Ion Ratio Lower Upper
 119 100
 91 78.7 27.7 83.0
 134 29.9 12.7 38.1

