

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004039.D
 Acq On : 14 Aug 2018 19:03
 Operator : JC/MD
 Sample : J4438-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-290-SRI3

Quant Time: Aug 15 09:27:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

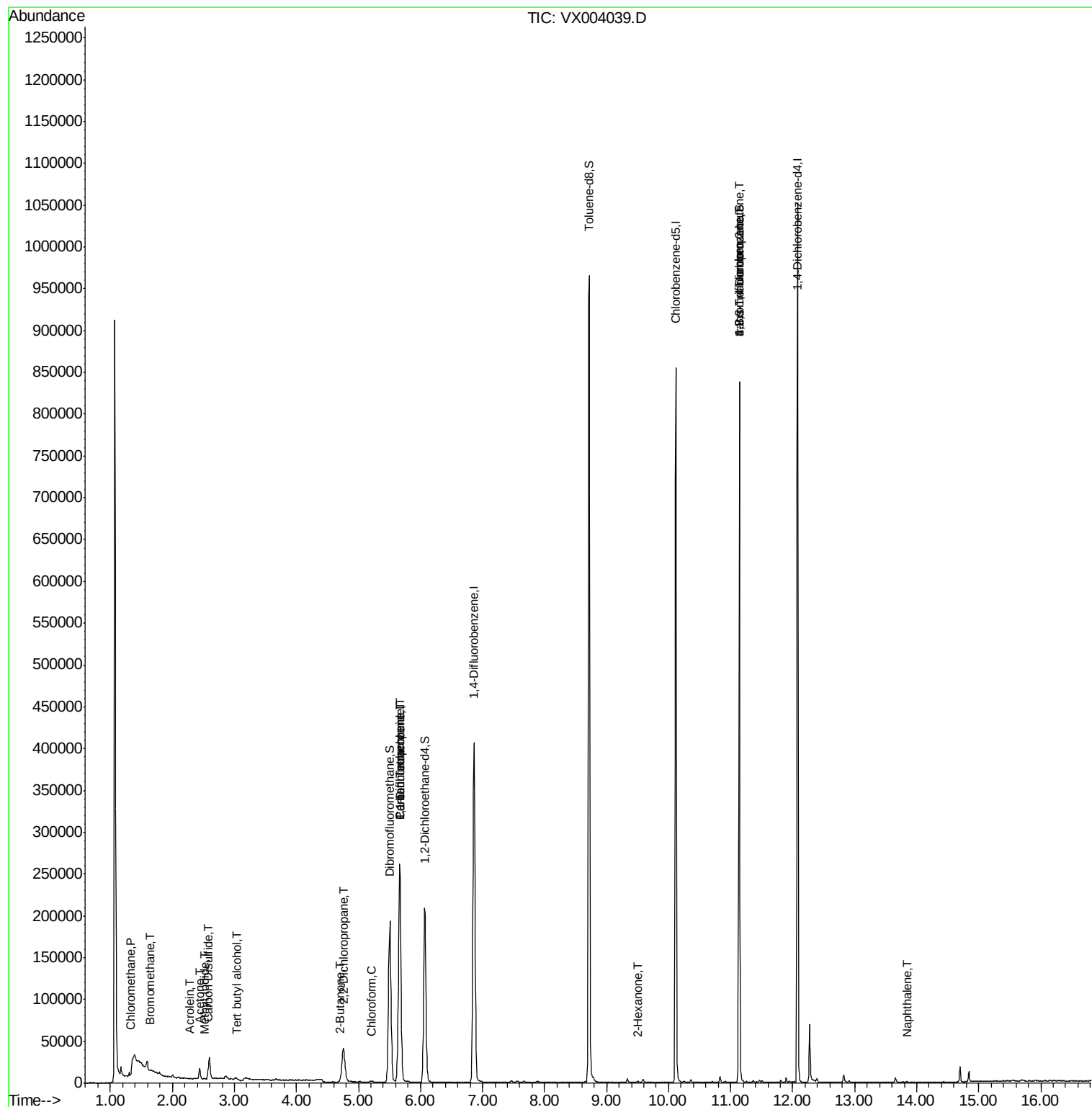
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	420228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192931	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
35) Dibromofluoromethane	5.51	113	164273	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	8.72	98	593256	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	11.14	95	202784	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	1700	0.535	ug/l	89
5) Bromomethane	1.65	94	1017	0.406	ug/l	92
6) Chloroethane	1.95	64	561	Below Cal	#	43
10) Methyl Iodide	2.51	142	860	5.251	ug/l #	88
11) Tert butyl alcohol	3.04	59	2160	2.862	ug/l #	88
13) Acrolein	2.28	56	72	11.084	ug/l #	1
16) Acetone	2.44	43	13621	6.990	ug/l	99
17) Carbon Disulfide	2.57	76	8294	1.045	ug/l	96
20) Methylene Chloride	2.85	84	1725	Below Cal	#	88
25) 2-Butanone	4.70	43	3666	1.156	ug/l	93
26) 2,2-Dichloropropane	4.75	77	3650	0.777	ug/l #	51
30) Chloroform	5.21	83	1305	0.226	ug/l	100
36) 1,1-Dichloropropene	5.67	75	18061	3.777	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24242	5.218	ug/l #	15
59) 2-Hexanone	9.51	43	1154	0.244	ug/l	85
76) 1,2,3-Trichloropropane	11.14	75	99647	23.108	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	99647	71.531	ug/l #	9
95) Naphthalene	13.84	128	1016	1.210	ug/l #	90

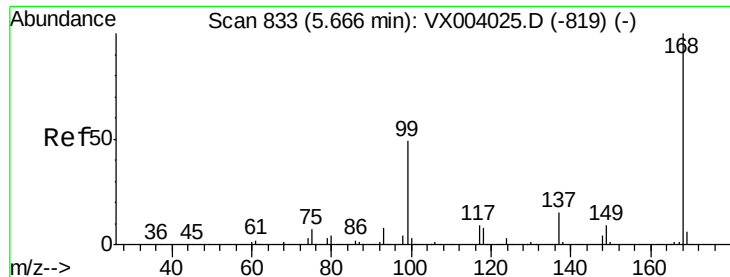
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004039.D

Acq: 14 Aug 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

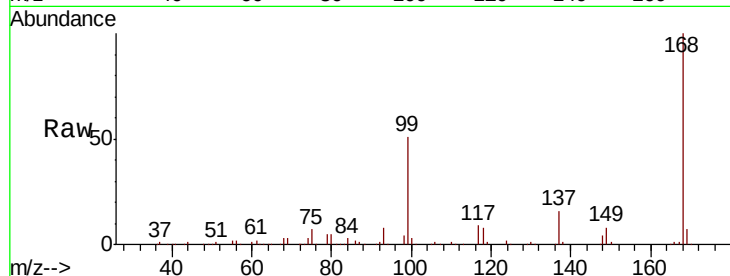
MW-290-SRI3

Tgt Ion:168 Resp: 266022

Ion Ratio Lower Upper

168 100

99 50.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

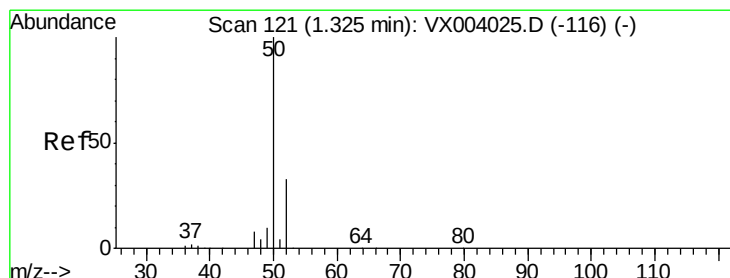
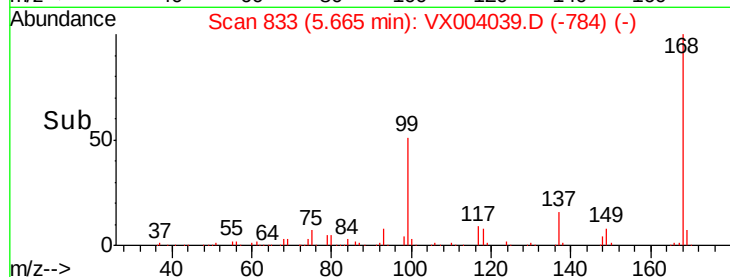
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.535 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004039.D

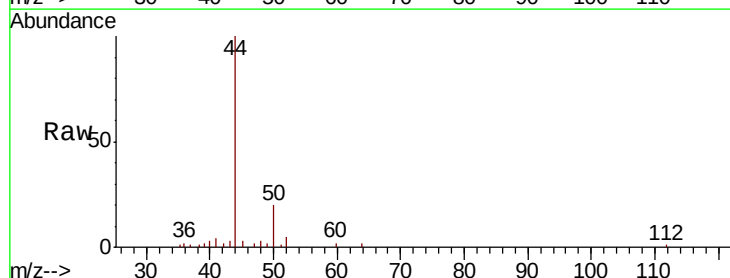
Acq: 14 Aug 2018 19:03

Tgt Ion: 50 Resp: 1700

Ion Ratio Lower Upper

50 100

52 26.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

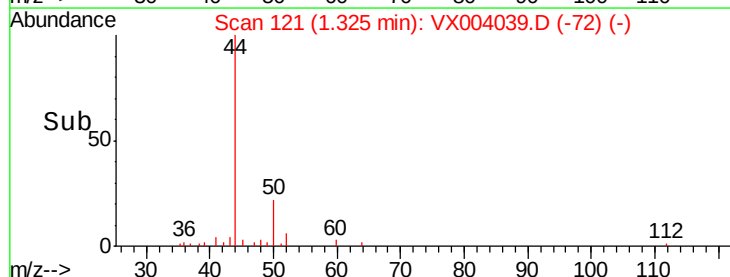
1000

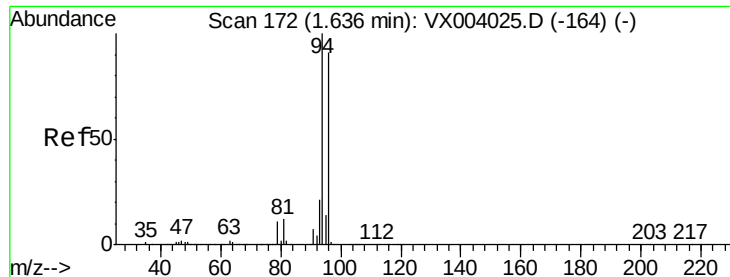
500

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.406 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX004039.D

Acq: 14 Aug 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

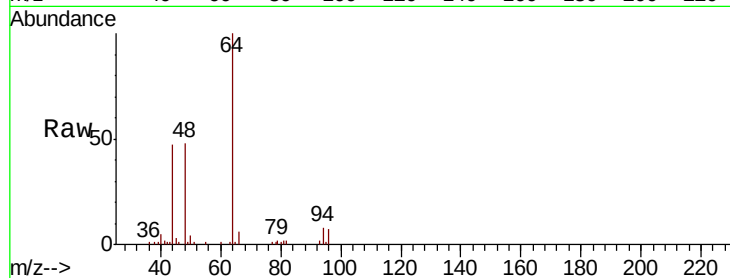
MW-290-SRI3

Tgt Ion: 94 Resp: 1017

Ion Ratio Lower Upper

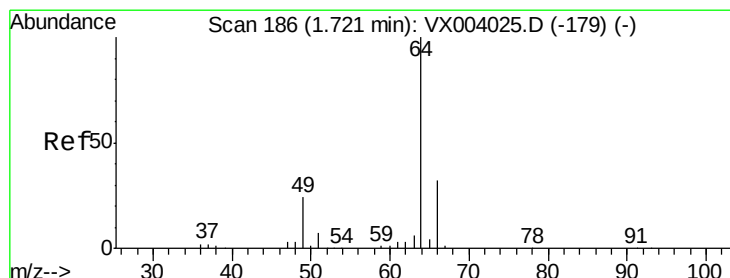
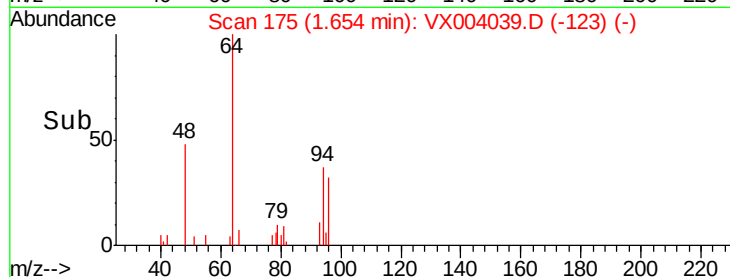
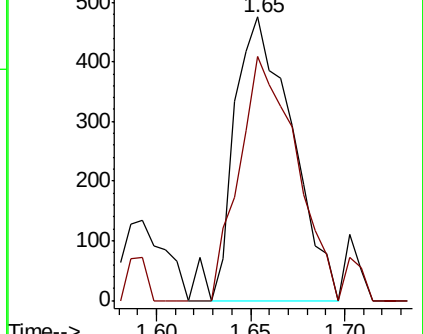
94 100

96 85.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.95 min Scan# 224

Delta R.T. 0.23 min

Lab File: VX004039.D

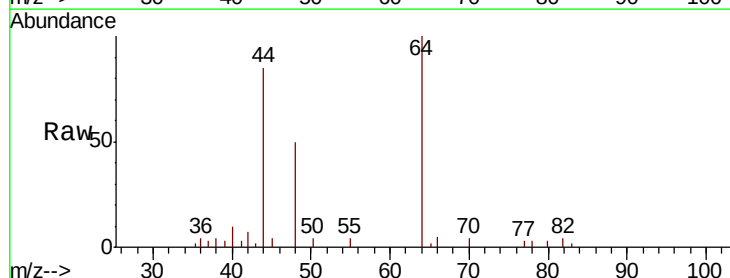
Acq: 14 Aug 2018 19:03

Tgt Ion: 64 Resp: 561

Ion Ratio Lower Upper

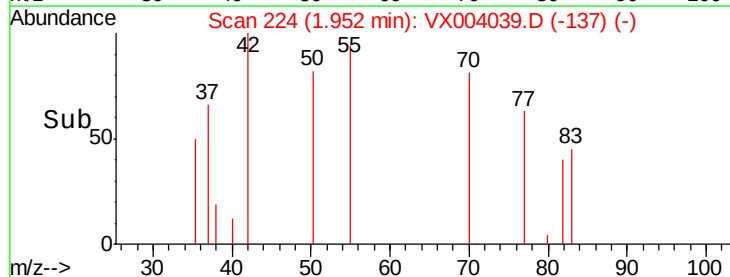
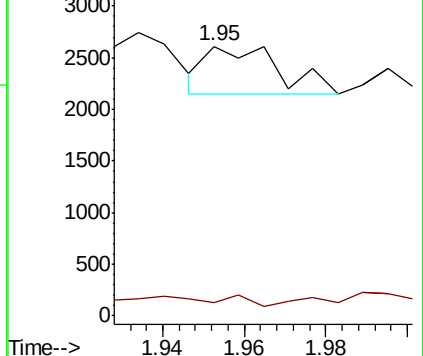
64 100

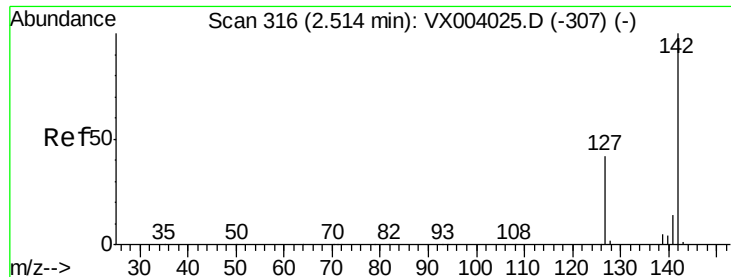
66 0.9 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

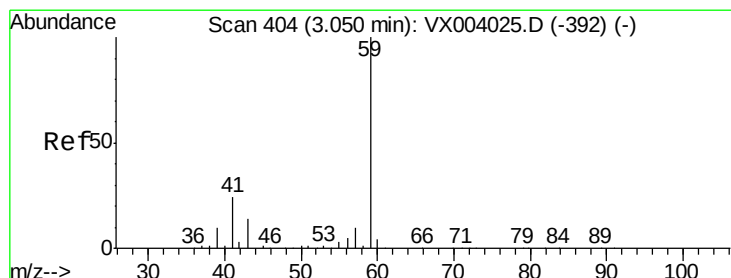
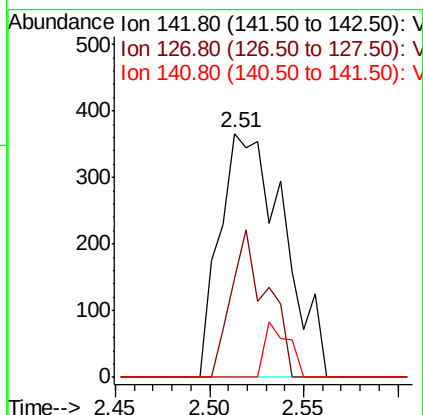
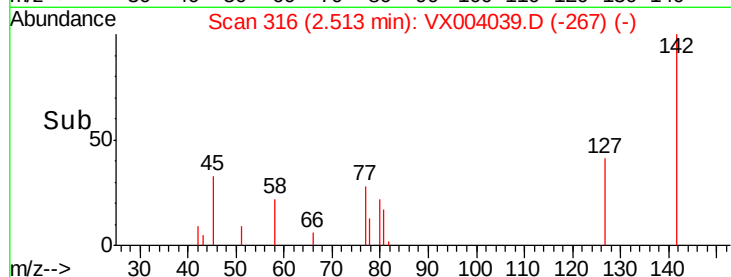
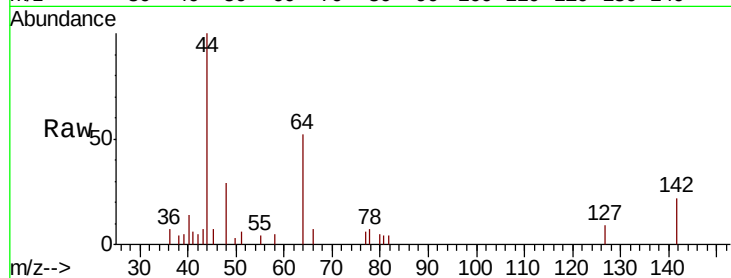




#10
Methyl Iodide
Concen: 5.251 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

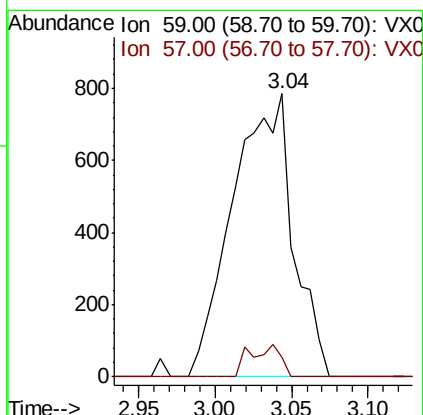
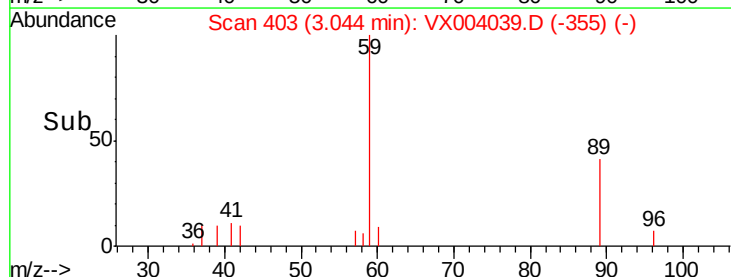
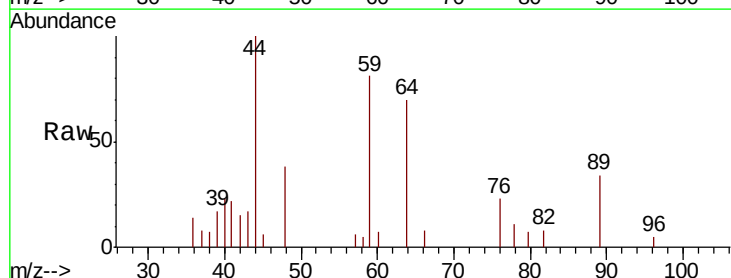
Instrument :
MSVOA_X
ClientSampleId :
MW-290-SRI3

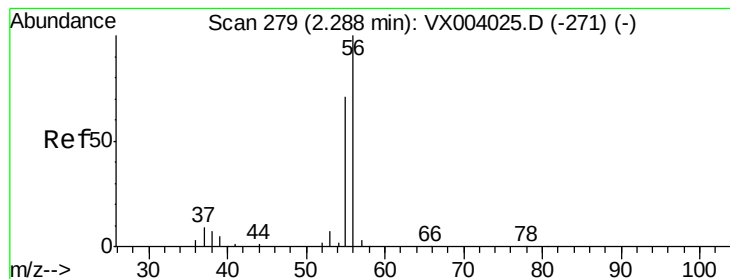
Tgt Ion:142 Resp: 860
Ion Ratio Lower Upper
142 100
127 34.1 33.1 49.7
141 8.5 11.1 16.7#



#11
Tert butyl alcohol
Concen: 2.862 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

Tgt Ion: 59 Resp: 2160
Ion Ratio Lower Upper
59 100
57 5.8 8.1 12.1#





#13

Acrolein

Concen: 11.084 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX004039.D

Acq: 14 Aug 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

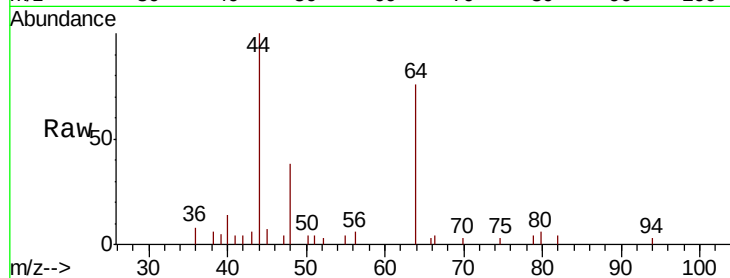
MW-290-SRI3

Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

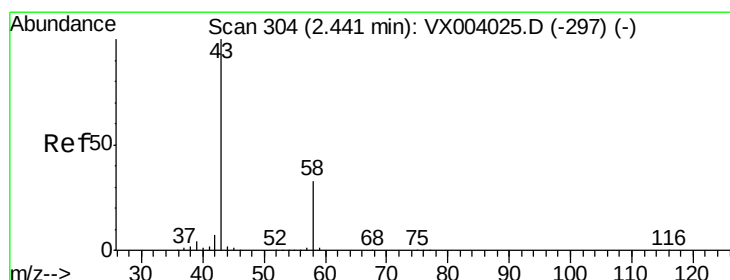
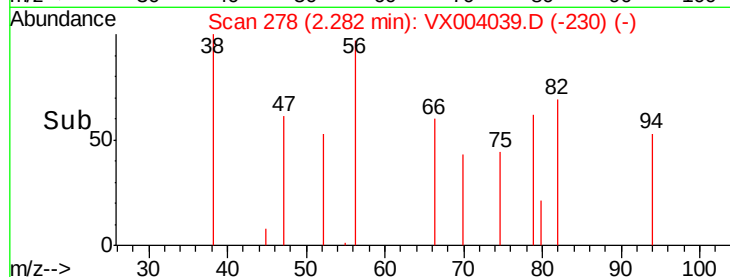
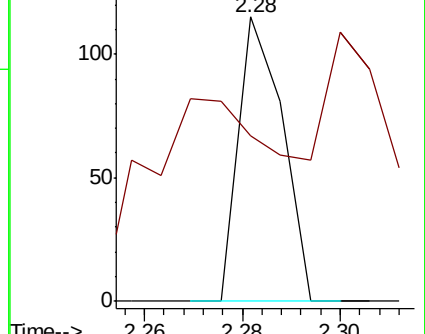
56 100

55 259.7 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 6.990 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004039.D

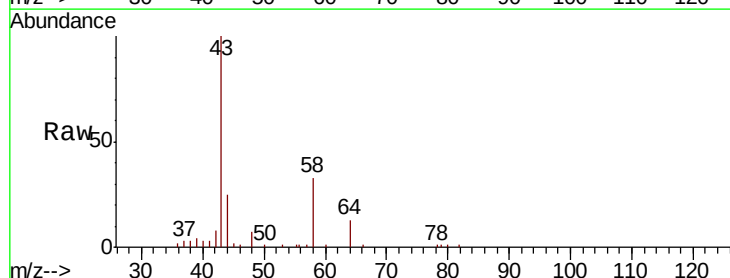
Acq: 14 Aug 2018 19:03

Tgt Ion: 43 Resp: 13621

Ion Ratio Lower Upper

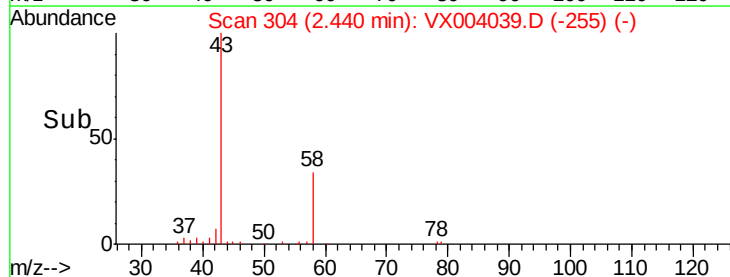
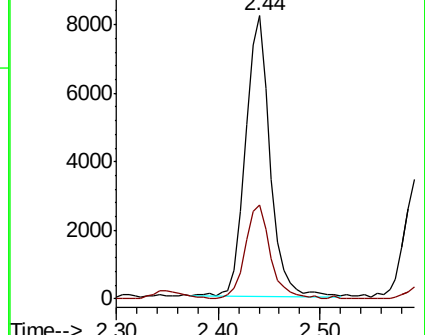
43 100

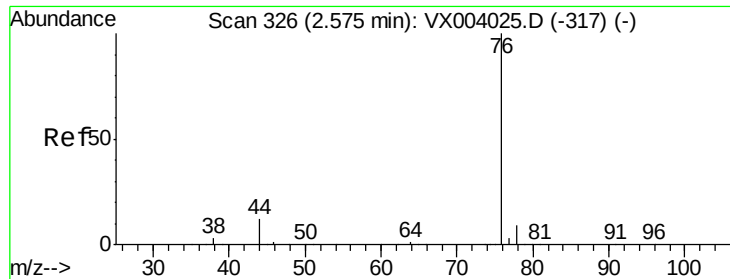
58 33.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

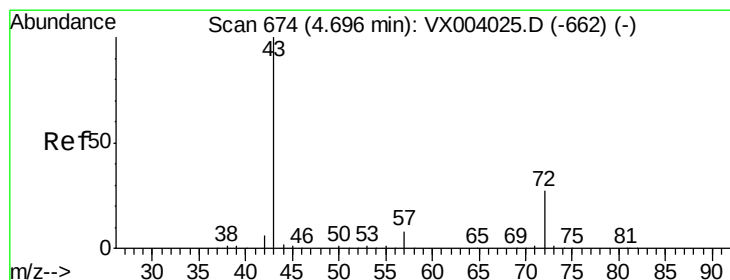
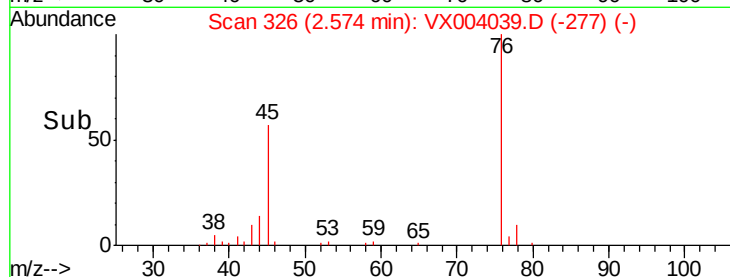
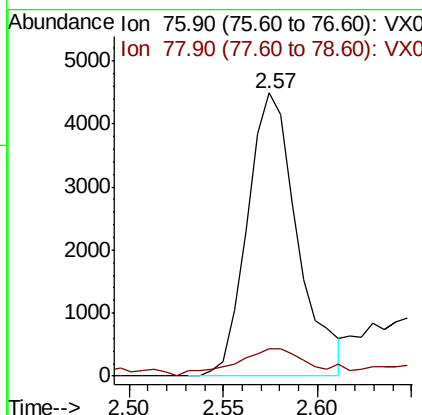
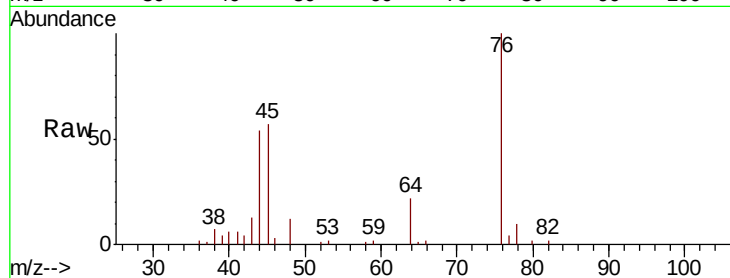




#17
Carbon Disulfide
Concen: 1.045 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

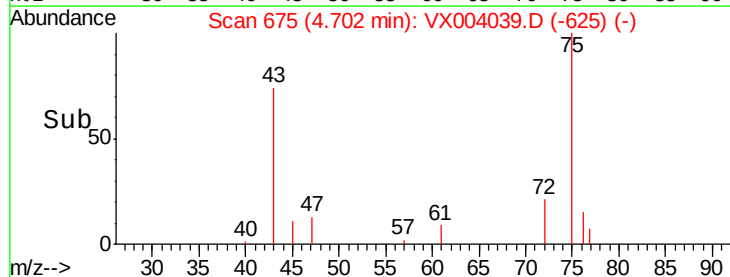
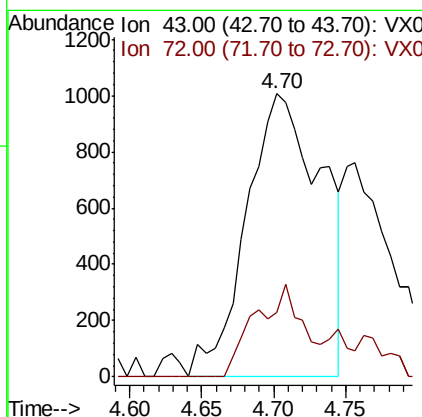
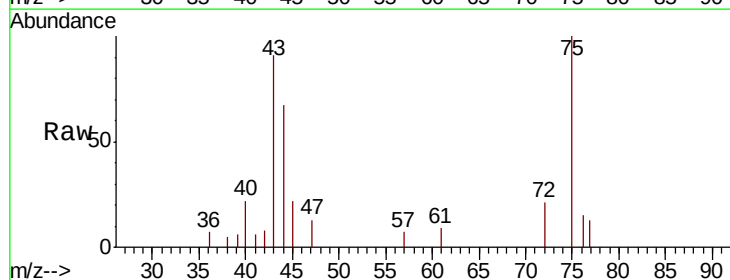
Instrument :
MSVOA_X
ClientSampleId :
MW-290-SRI3

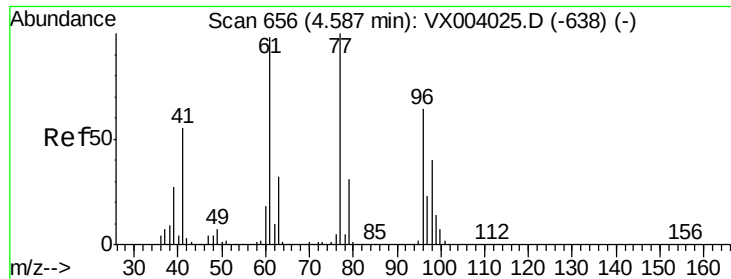
Tgt Ion: 76 Resp: 8294
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#25
2-Butanone
Concen: 1.156 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

Tgt Ion: 43 Resp: 3666
Ion Ratio Lower Upper
43 100
72 22.9 21.4 32.0

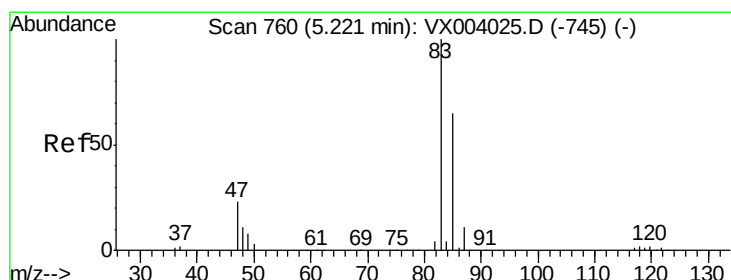
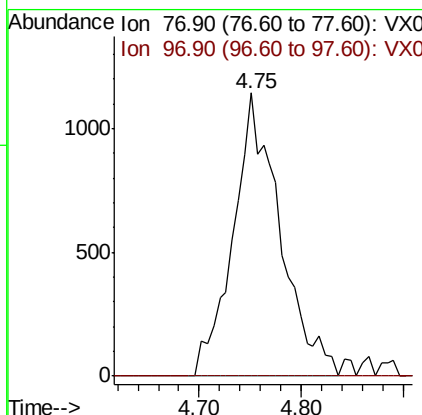
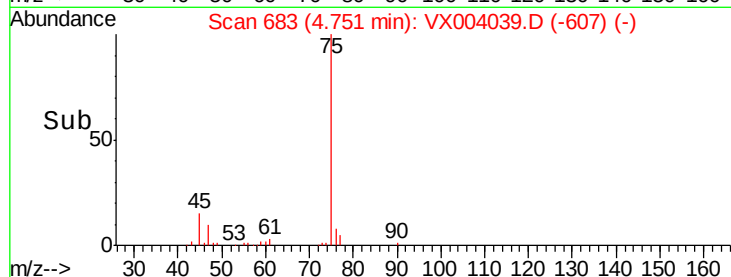
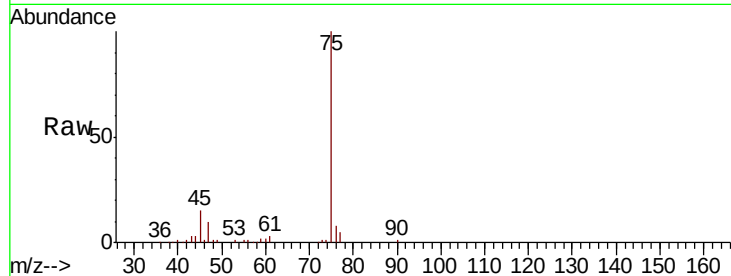




#26
 2,2-Dichloropropane
 Concen: 0.777 ug/l
 RT: 4.75 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: VX004039.D
 Acq: 14 Aug 2018 19:03

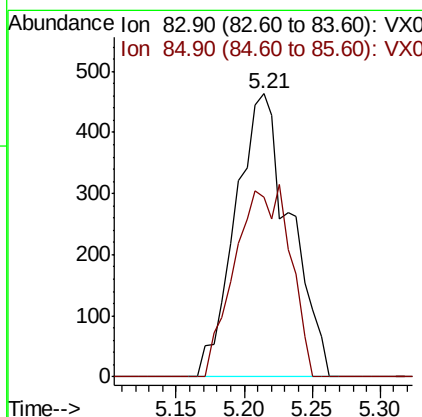
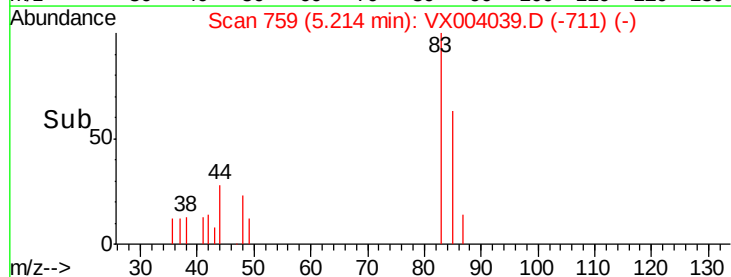
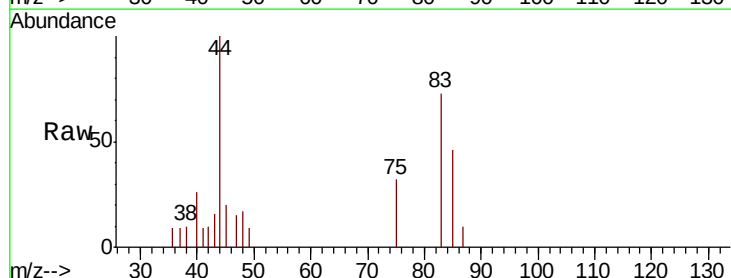
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 MSVOA_X
 ClientSampled :
 MW-290-SRI3

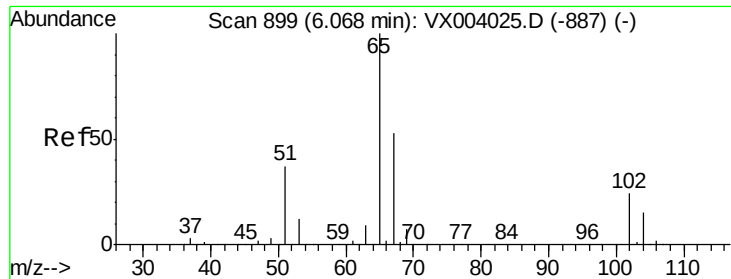
Tgt Ion: 77 Resp: 3650
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.9 35.9#



#30
 Chloroform
 Concen: 0.226 ug/l
 RT: 5.21 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: VX004039.D
 Acq: 14 Aug 2018 19:03

Tgt Ion: 83 Resp: 1305
 Ion Ratio Lower Upper
 83 100
 85 63.5 50.7 76.1

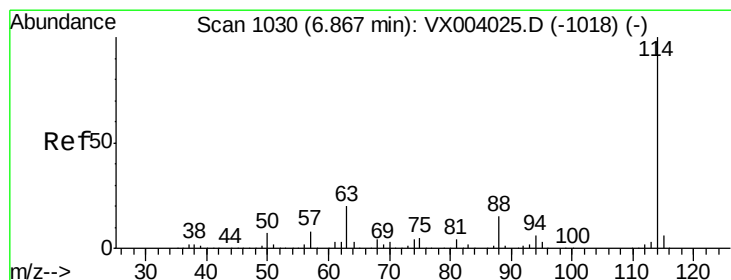
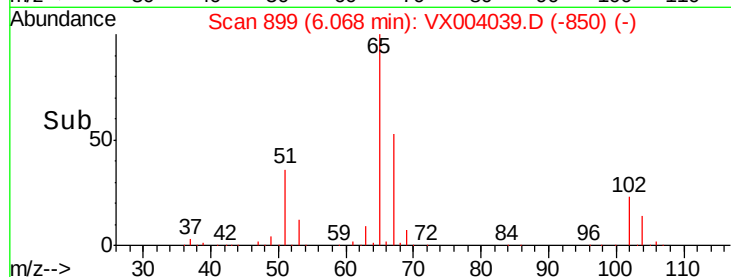
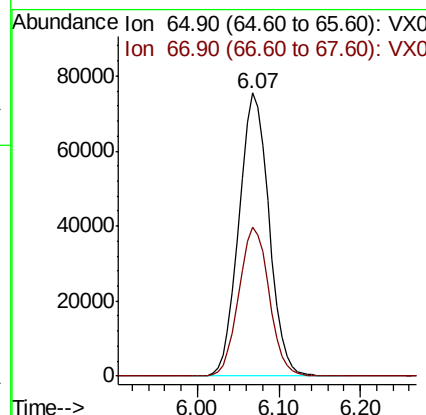
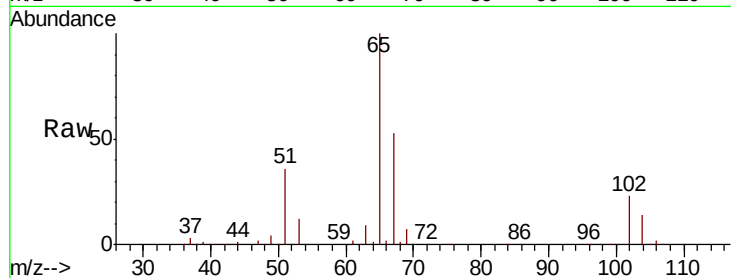




#33
 1,2-Dichloroethane-d4
 Concen: 51.474 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004039.D
 Acq: 14 Aug 2018 19:03

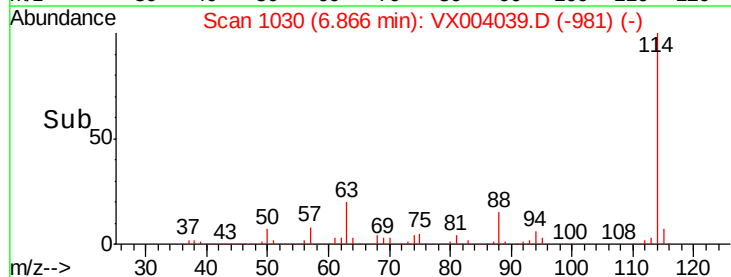
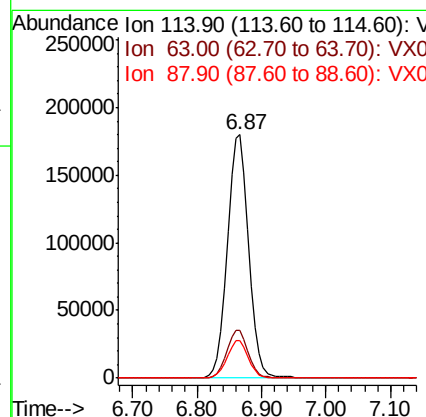
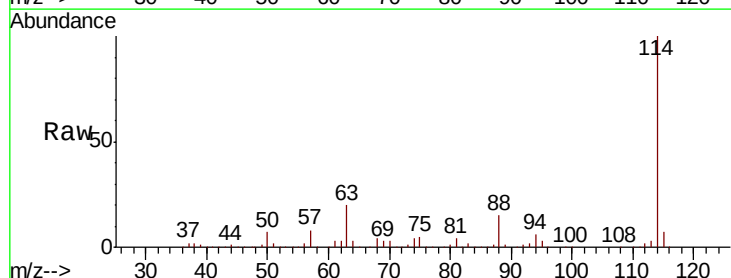
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-290-SRI3

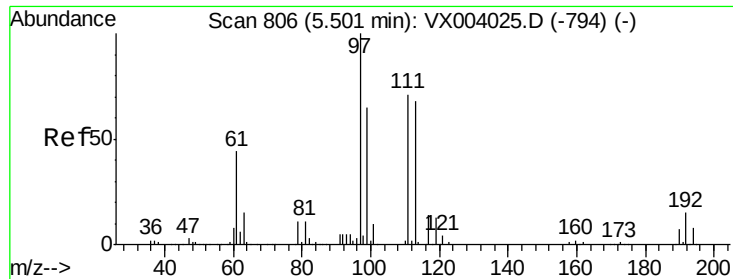
Tgt Ion: 65 Resp: 192931
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004039.D
 Acq: 14 Aug 2018 19:03

Tgt Ion: 114 Resp: 420228
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.2 0.0 32.0

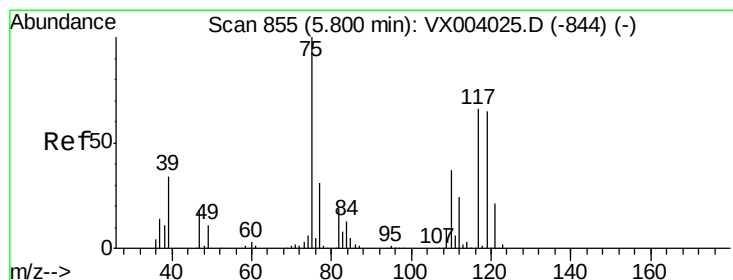
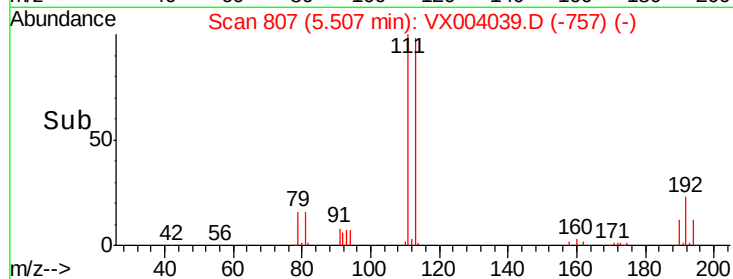
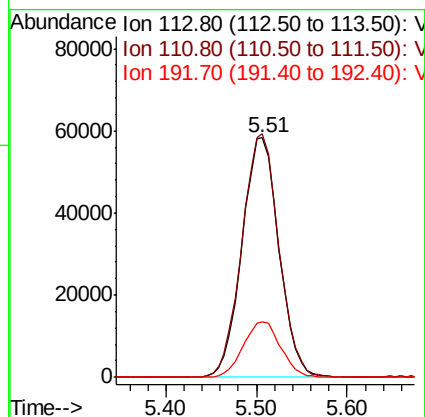
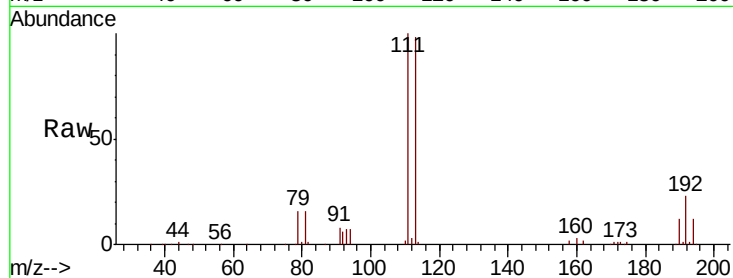




#35
Dibromofluoromethane
Concen: 52.232 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

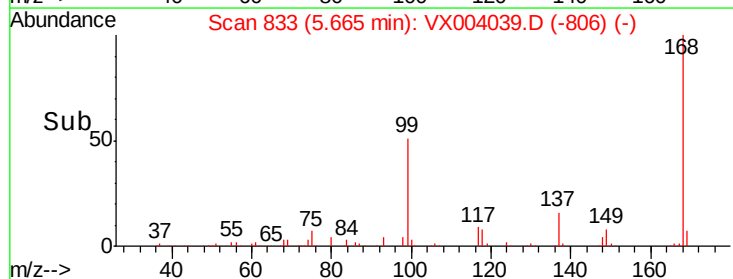
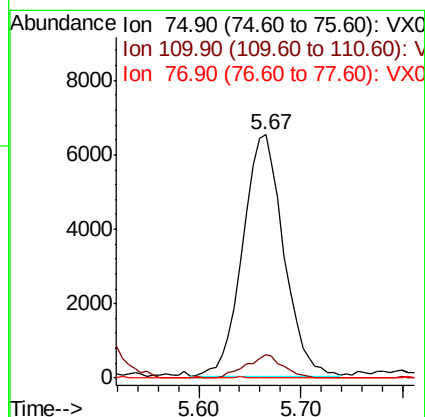
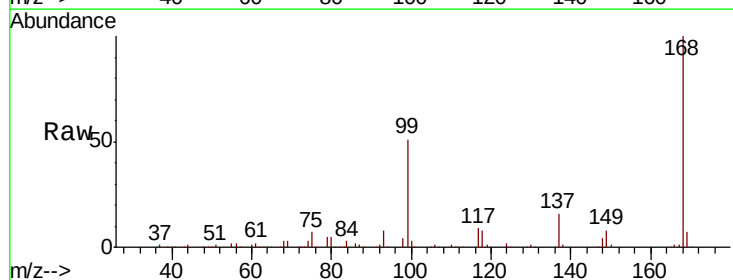
Instrument :
MSVOA_X
ClientSampleId :
MW-290-SRI3

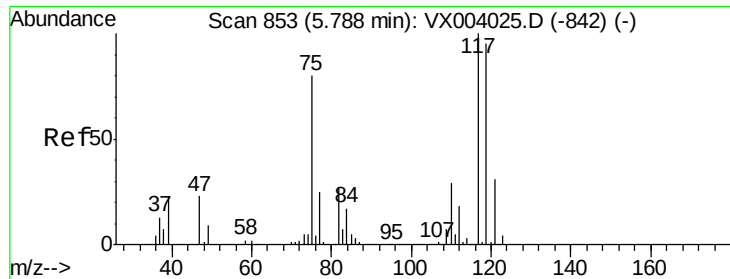
Tgt Ion:113 Resp: 164273
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 23.6 19.0 28.4



#36
1,1-Dichloropropene
Concen: 3.777 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

Tgt Ion: 75 Resp: 18061
Ion Ratio Lower Upper
75 100
110 8.8 18.2 54.6#
77 0.0 25.0 37.4#

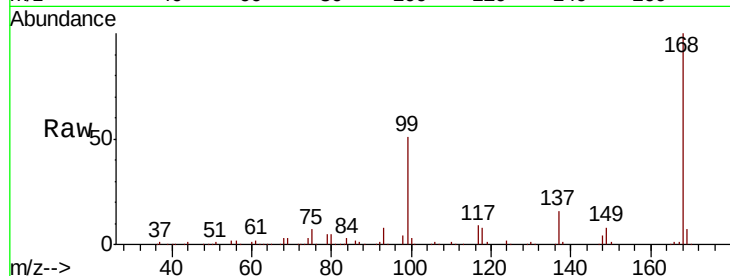




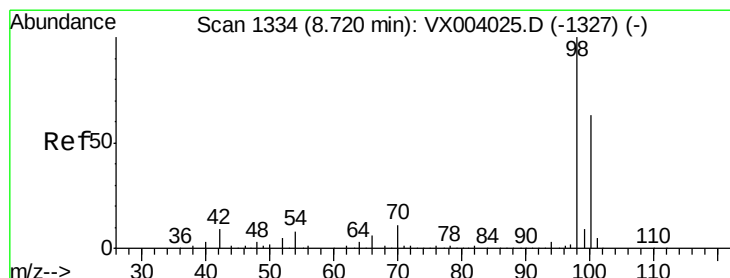
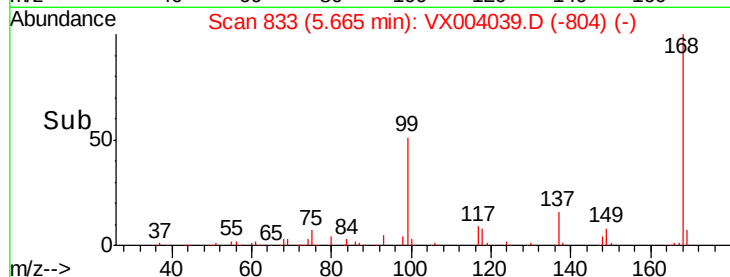
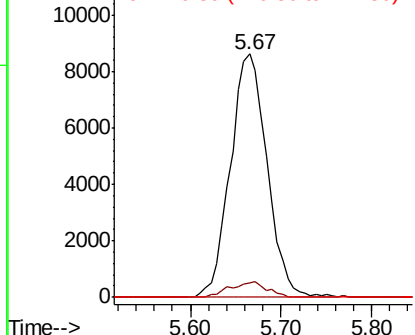
#38
 Carbon Tetrachloride
 Concen: 5.218 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX004039.D
 Acq: 14 Aug 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-290-SRI3

Tgt Ion: 117 Resp: 24242
 Ion Ratio Lower Upper
 117 100
 119 5.8 79.5 119.3#
 121 0.0 25.0 37.4#

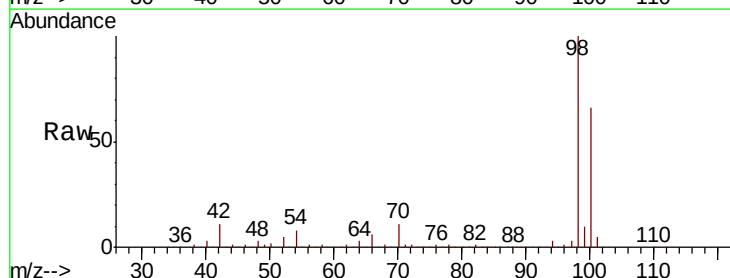


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

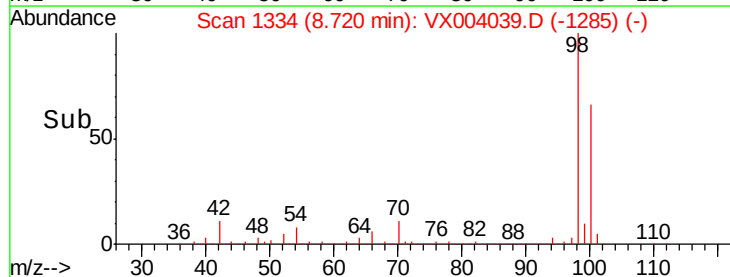
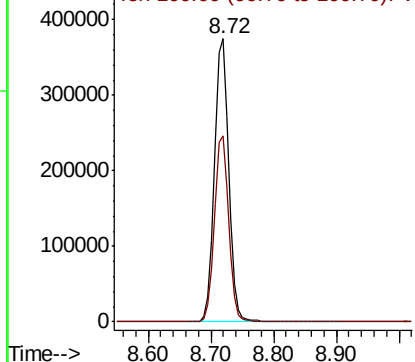


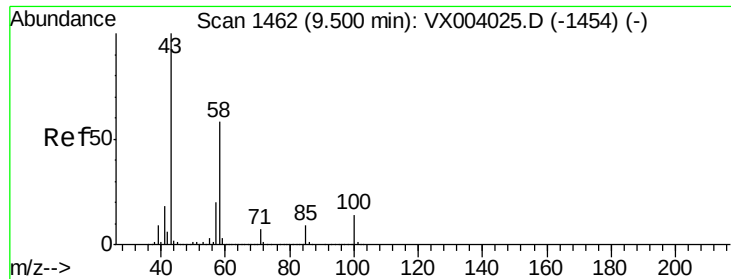
#50
 Toluene-d8
 Concen: 46.524 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX004039.D
 Acq: 14 Aug 2018 19:03

Tgt Ion: 98 Resp: 593256
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

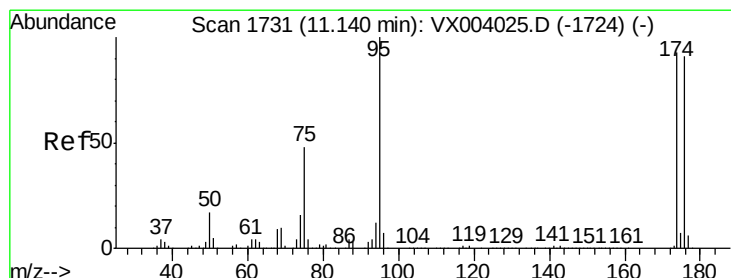
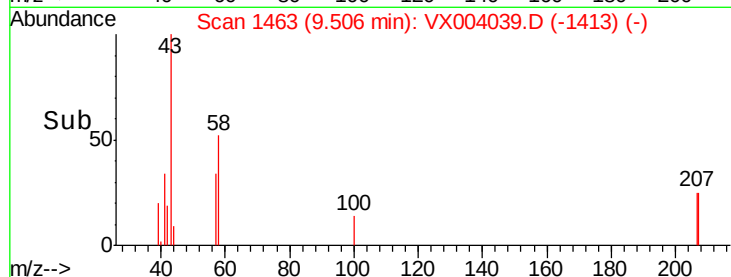
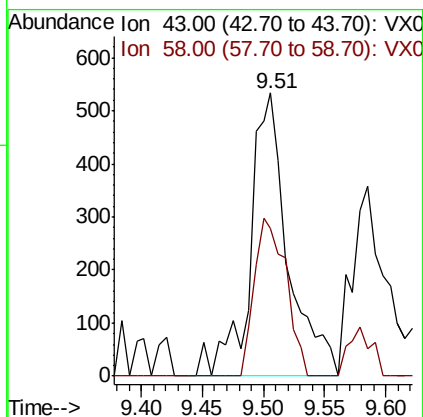
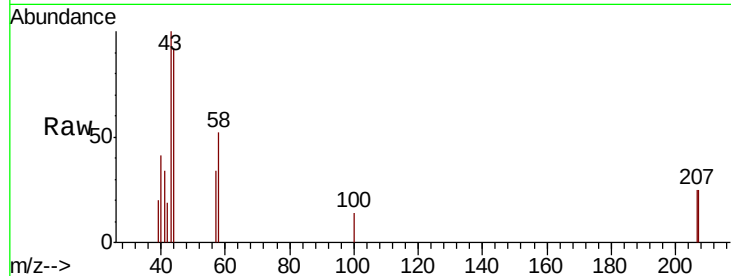




#59
2-Hexanone
Concen: 0.244 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

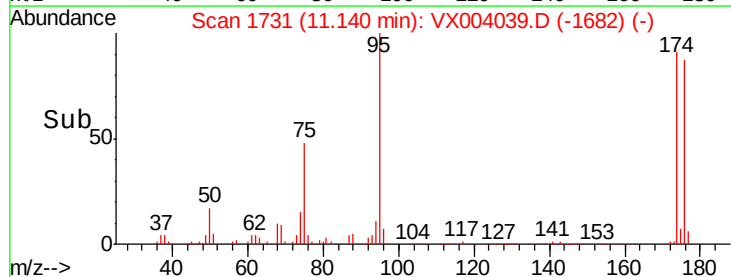
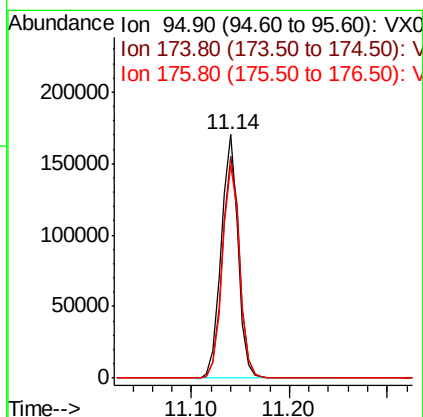
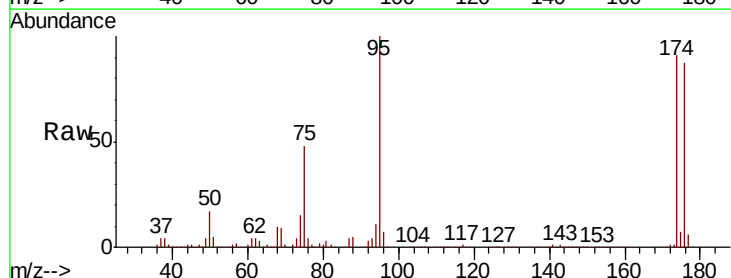
Instrument :
MSVOA_X
ClientSampleId :
MW-290-SRI3

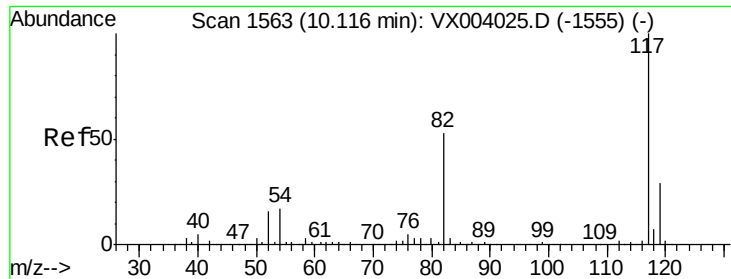
Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 46.7 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 43.846 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

Tgt Ion: 95 Resp: 202784
Ion Ratio Lower Upper
95 100
174 93.4 0.0 182.8
176 89.9 0.0 179.0

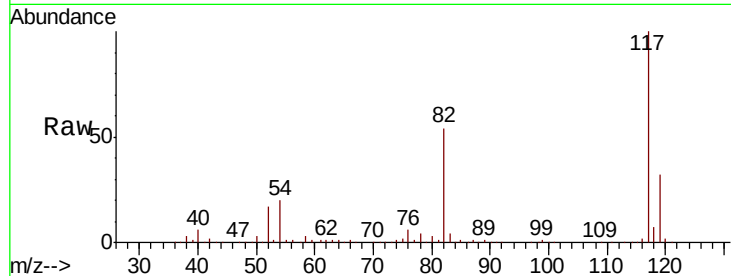




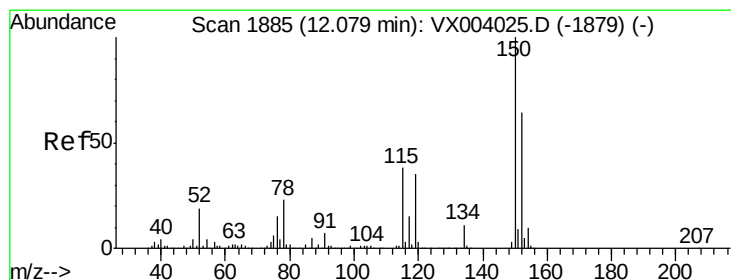
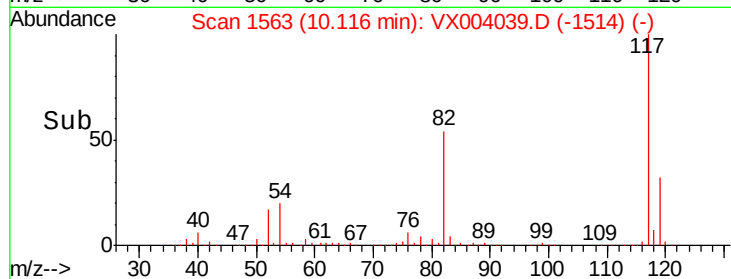
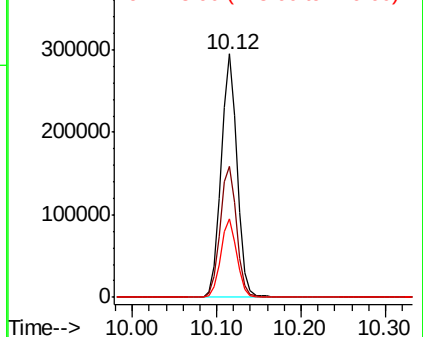
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
MW-290-SRI3

Tgt Ion:117 Resp: 389366
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 32.1 26.6 40.0

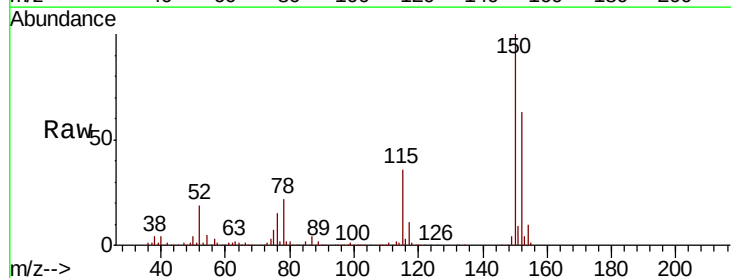


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

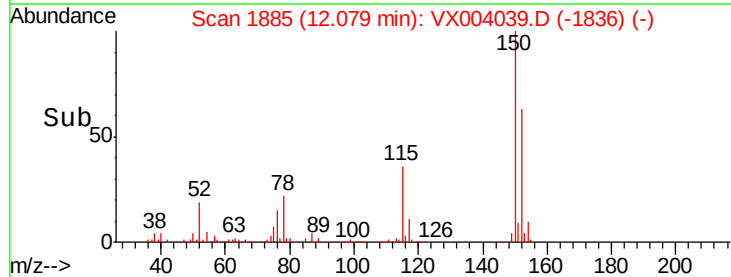
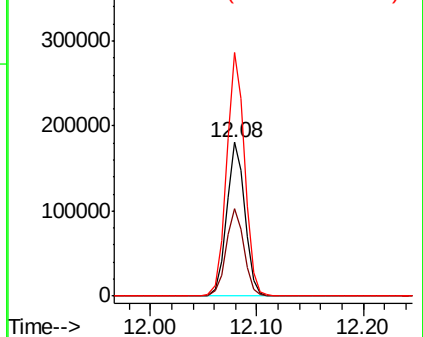


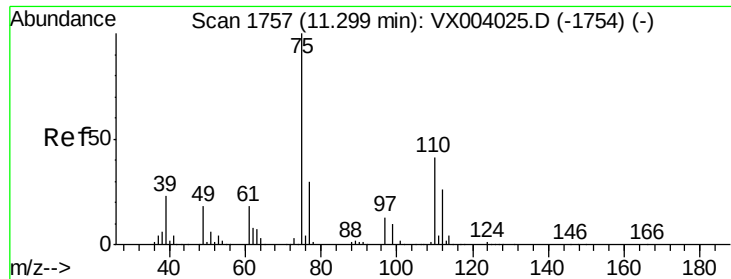
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004039.D
Acq: 14 Aug 2018 19:03

Tgt Ion:152 Resp: 215030
Ion Ratio Lower Upper
152 100
115 56.0 39.1 117.3
150 157.6 0.0 349.2



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





#76

1,2,3-Trichloropropane

Concen: 23.108 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004039.D

Acq: 14 Aug 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

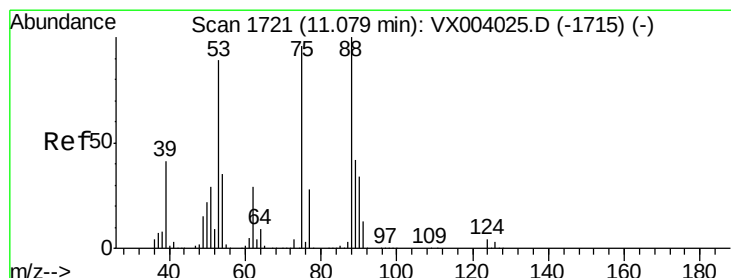
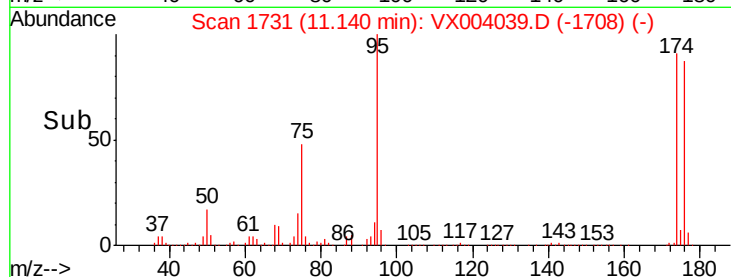
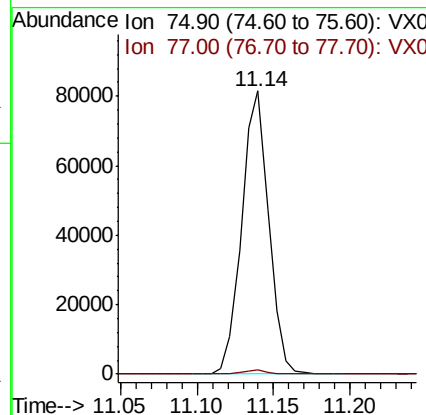
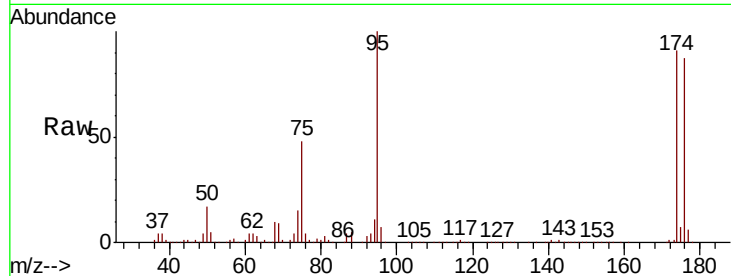
MW-290-SRI3

Tgt Ion: 75 Resp: 99647

Ion Ratio Lower Upper

75 100

77 1.4 20.8 62.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.531 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004039.D

Acq: 14 Aug 2018 19:03

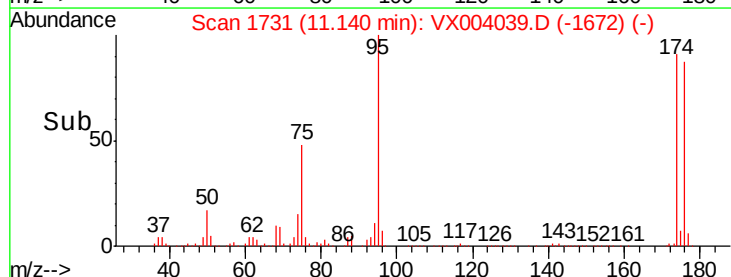
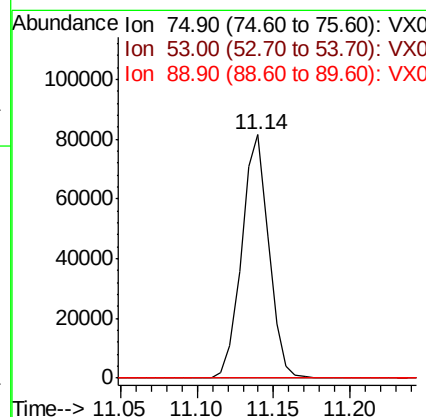
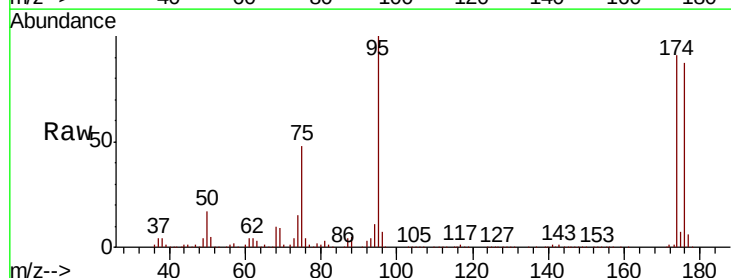
Tgt Ion: 75 Resp: 99647

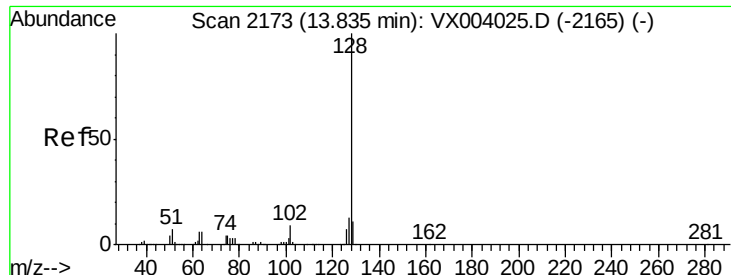
Ion Ratio Lower Upper

75 100

53 0.3 80.3 120.5#

89 0.0 37.8 56.8#





#95
 Naphthalene
 Concen: 1.210 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: VX004039.D
 Acq: 14 Aug 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-290-SRI3

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.2	15.2
129	6.0	8.8	13.2

