

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010073.D
 Acq On : 05 Jun 2019 13:44
 Operator : JC/SP
 Sample : K3190-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:32:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

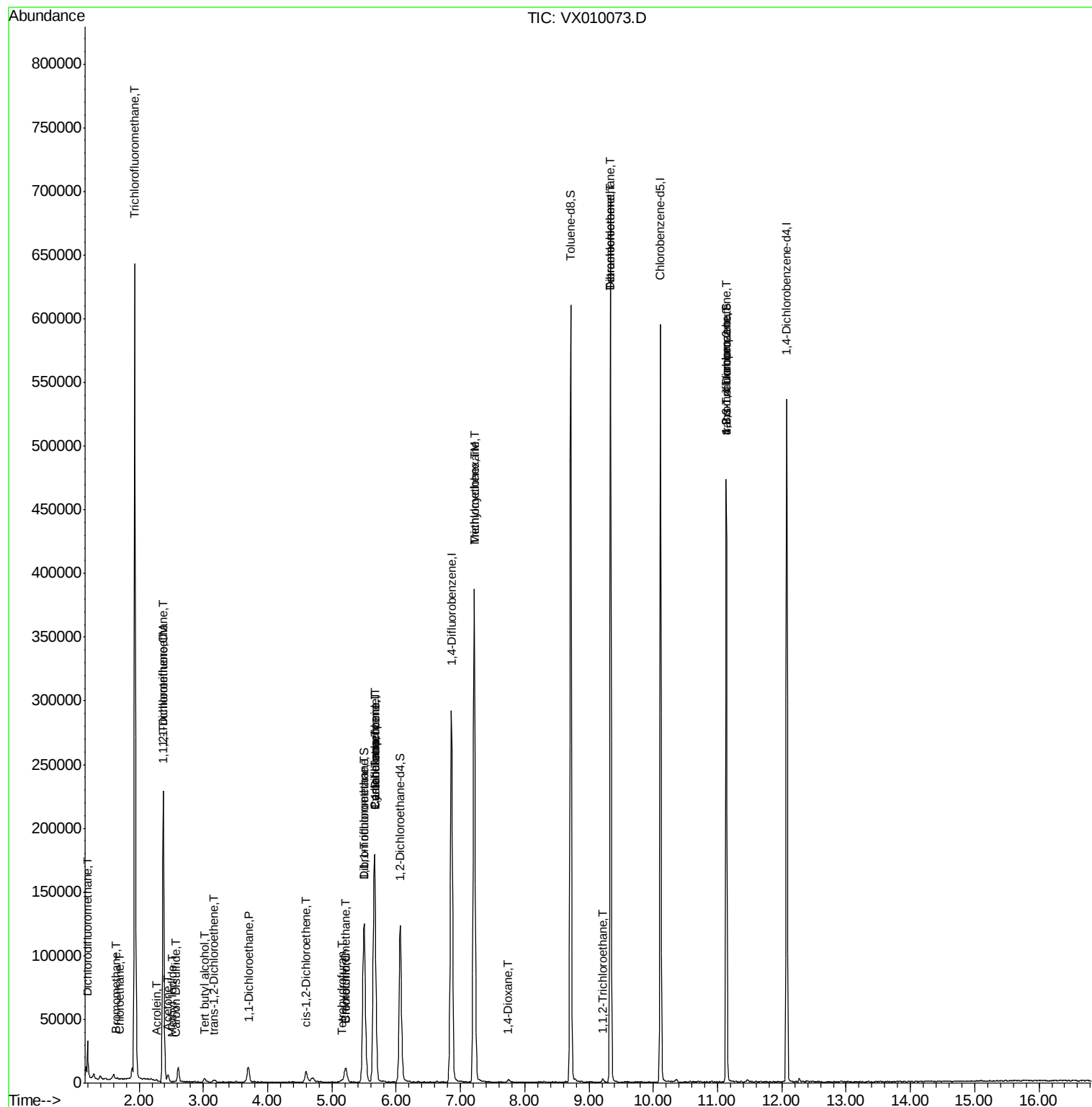
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118168	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	86568	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	8.71	98	357677	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	122099	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	17684	8.144	ug/l	96
5) Bromomethane	1.64	94	411	0.258	ug/l #	73
6) Chloroethane	1.71	64	533	0.329	ug/l #	43
7) Trichlorofluoromethane	1.93	101	415935	143.035	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5279	3.007	ug/l	98
10) Methyl Iodide	2.51	142	266	4.768	ug/l #	73
11) Tert butyl alcohol	3.03	59	1830	2.962	ug/l #	81
12) 1,1-Dichloroethene	2.37	96	72103	40.067	ug/l	95
13) Acrolein	2.28	56	81	21.266	ug/l #	40
16) Acetone	2.44	43	2744	1.892	ug/l	89
17) Carbon Disulfide	2.57	76	772	0.525	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	606	0.303	ug/l	90
24) 1,1-Dichloroethane	3.70	63	13969	3.464	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	4814	2.083	ug/l	90
28) Bromochloromethane	5.21	49	1277	0.610	ug/l #	22
29) Tetrahydrofuran	5.15	42	1654	1.142	ug/l #	80
30) Chloroform	5.21	83	13124	3.608	ug/l	99
31) Cyclohexane	5.67	56	4029	1.055	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	22127	7.470	ug/l	100
36) 1,1-Dichloropropene	5.66	75	13923	4.781	ug/l #	51
38) Carbon Tetrachloride	5.66	117	16477	6.548	ug/l #	16
39) Methylcyclohexane	7.21	83	1905	0.551	ug/l #	1
44) Trichloroethene	7.21	130	148003	70.533	ug/l	95
49) 1,4-Dioxane	7.74	88	1566	25.976	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	732	0.347	ug/l	93
60) Dibromochloromethane	9.34	129	124180	59.799	ug/l #	11
64) Tetrachloroethene	9.34	164	133639	74.863	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	62320	23.070	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62320	57.080	ug/l #	10

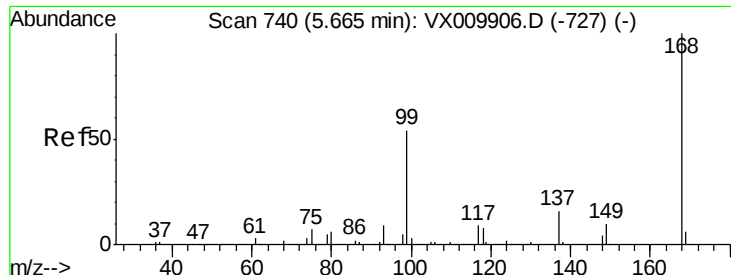
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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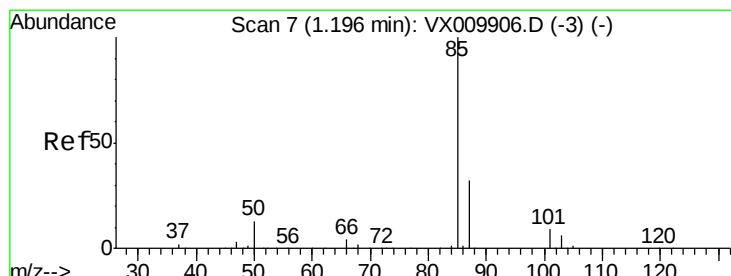
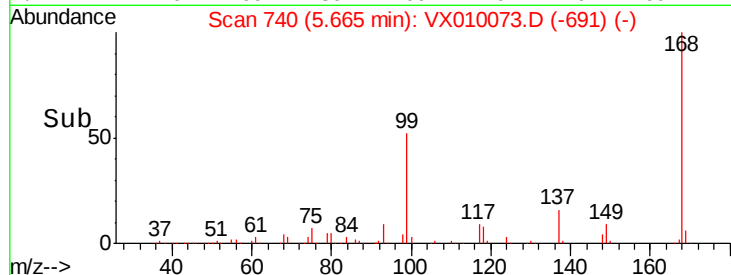
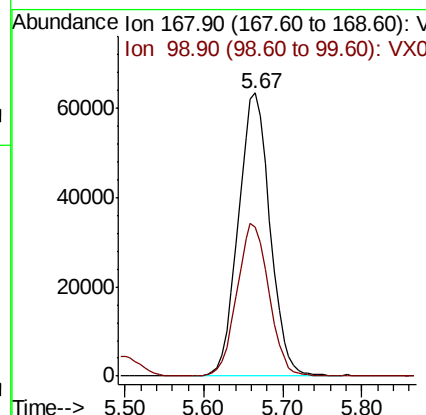
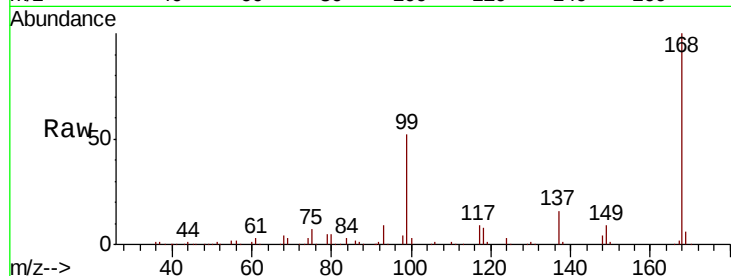




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

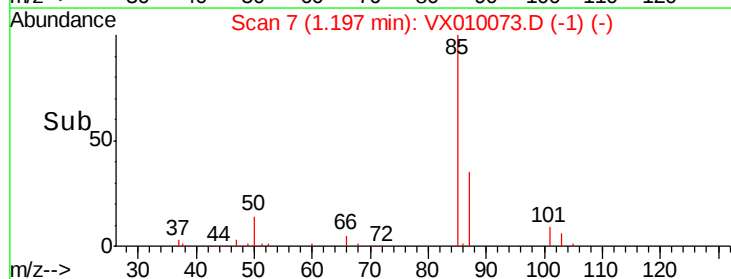
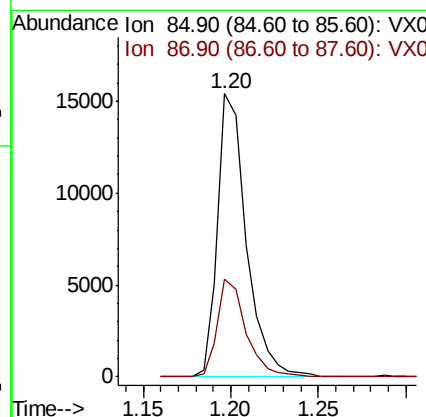
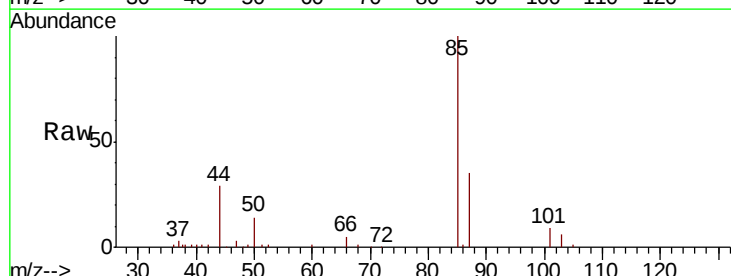
Instrument :
MSVOA_X
ClientSampleId :

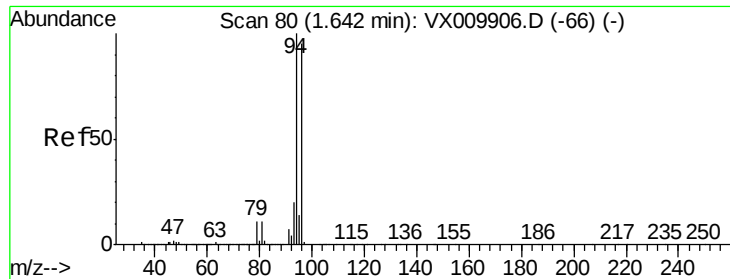
Tot Ion:168 Resp: 177693
Ion Ratio Lower Upper
168 100
99 52.5 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 8.144 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Tgt Ion: 85 Resp: 17684
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2





#5

Bromomethane

Concen: 0.258 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Instrument :

MSVOA_X

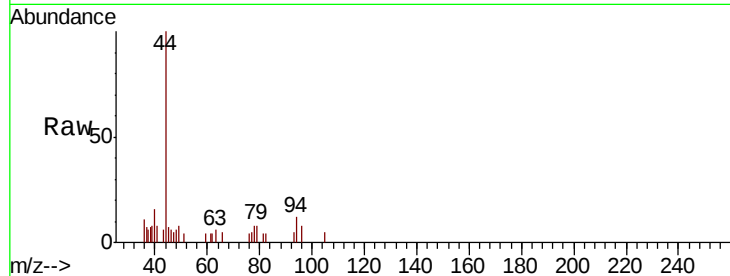
ClientSampleId :

Tot Ion: 94 Resp: 411

Ion Ratio Lower Upper

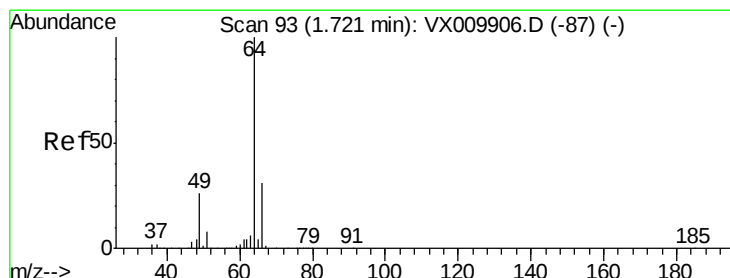
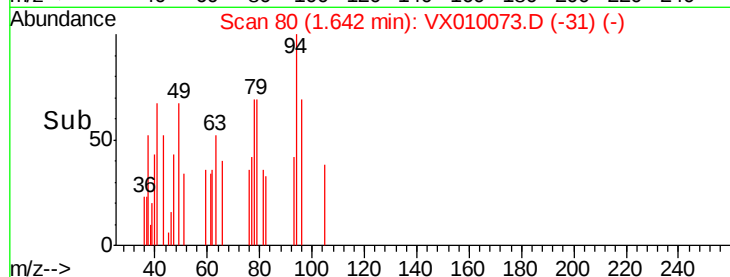
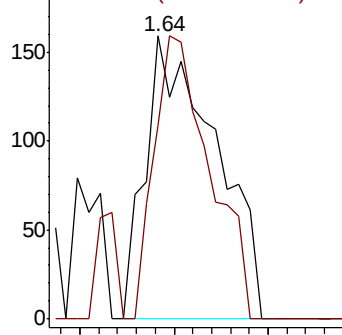
94 100

96 68.6 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.329 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010073.D

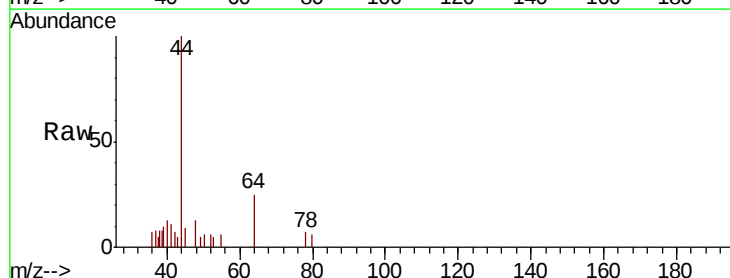
Acq: 05 Jun 2019 13:44

Tgt Ion: 64 Resp: 533

Ion Ratio Lower Upper

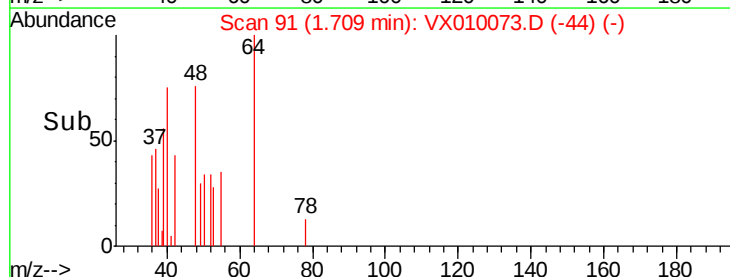
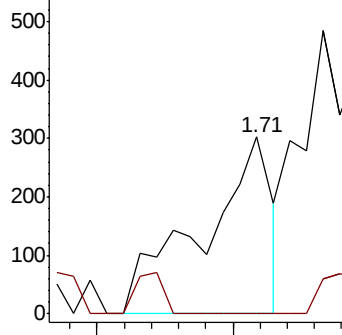
64 100

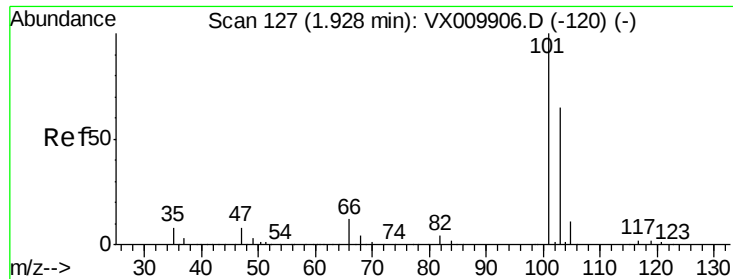
66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



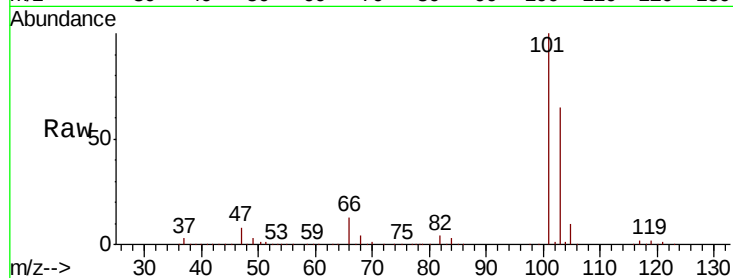


#7

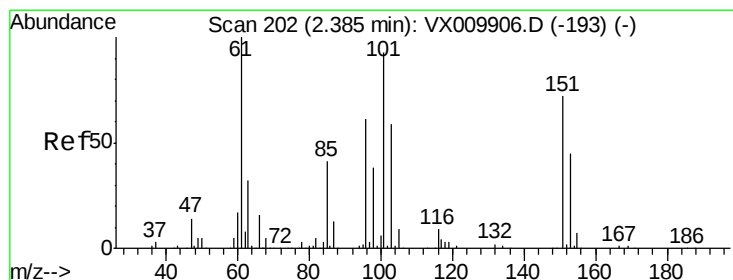
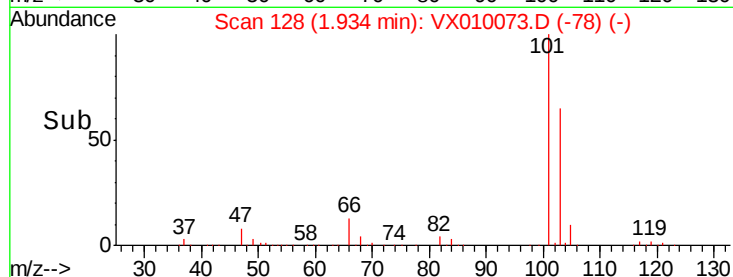
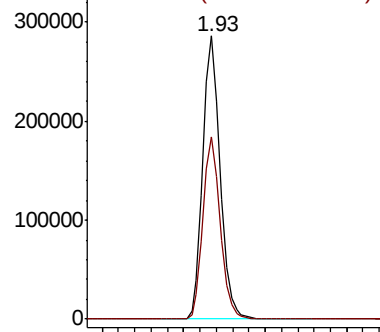
Trichlorofluoromethane
Concen: 143.035 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 415935
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4



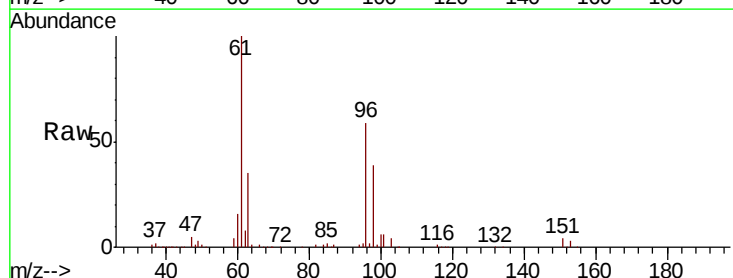
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



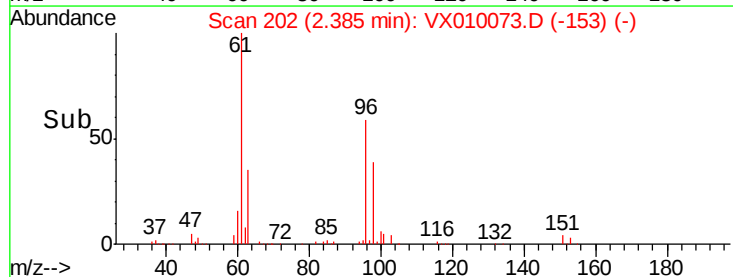
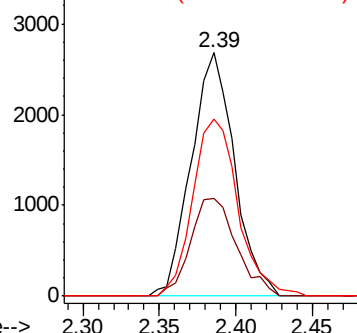
#9

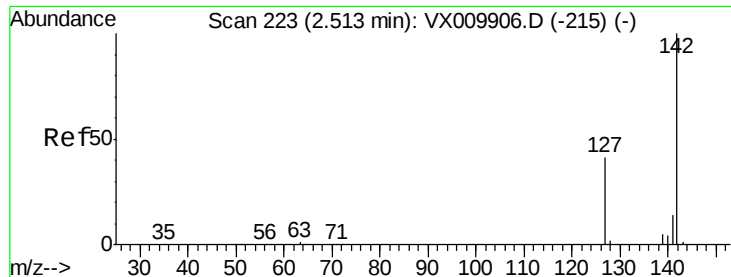
1,1,2-Trichlorotrifluoroethane
Concen: 3.007 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Tgt Ion:101 Resp: 5279
Ion Ratio Lower Upper
101 100
85 42.7 35.2 52.8
151 76.3 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V

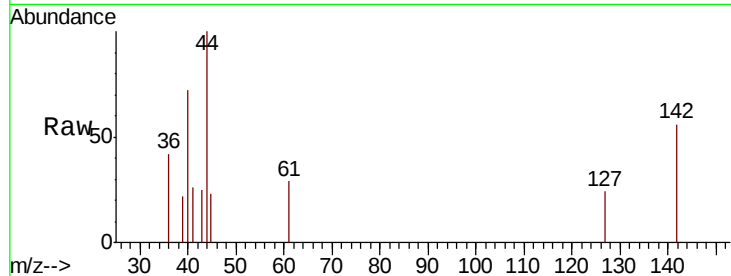




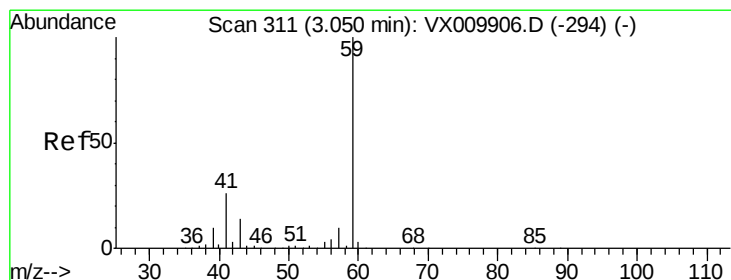
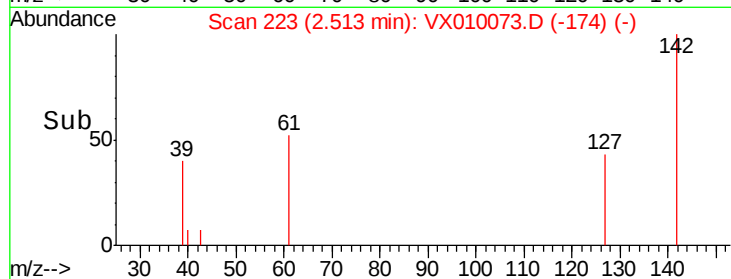
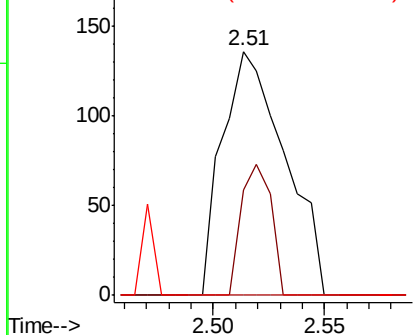
#10
Methvl Iodide
Concen: 4.768 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 266
Ion Ratio Lower Upper
142 100
127 25.9 33.0 49.4#
141 0.0 11.4 17.0#

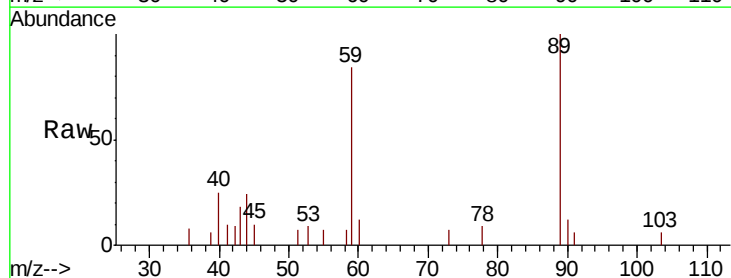


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

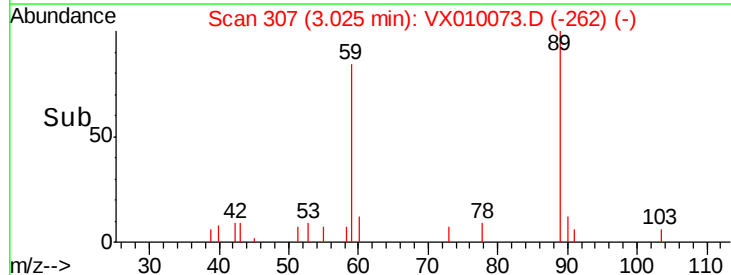
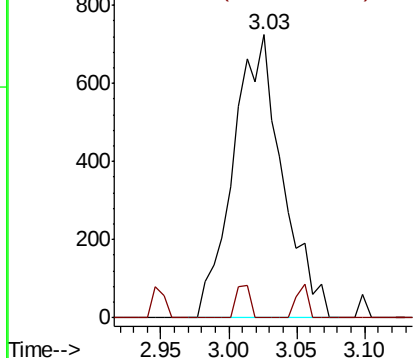


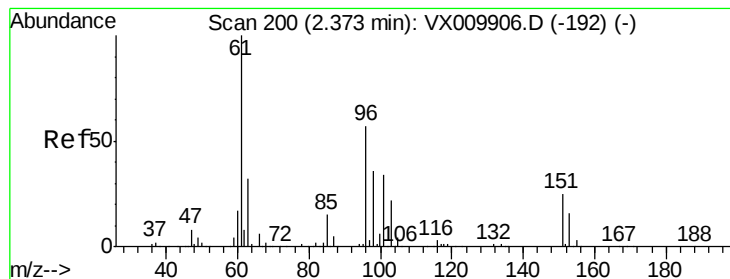
#11
Tert butyl alcohol
Concen: 2.962 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Tgt Ion: 59 Resp: 1830
Ion Ratio Lower Upper
59 100
57 3.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 40.067 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Instrument :

MSVOA_X

ClientSampled :

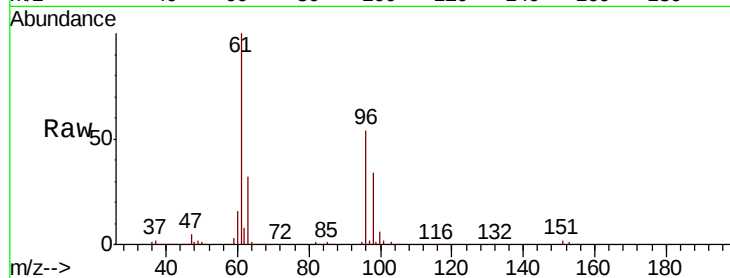
Tot Ion: 96 Resp: 72103

Ion Ratio Lower Upper

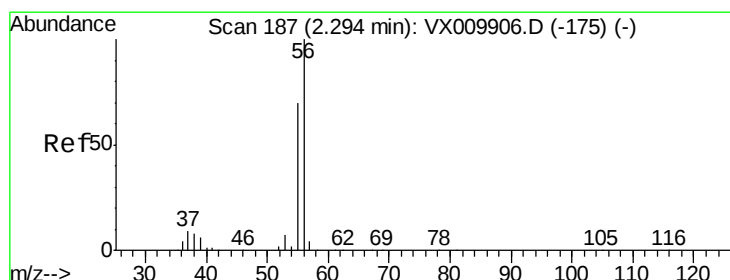
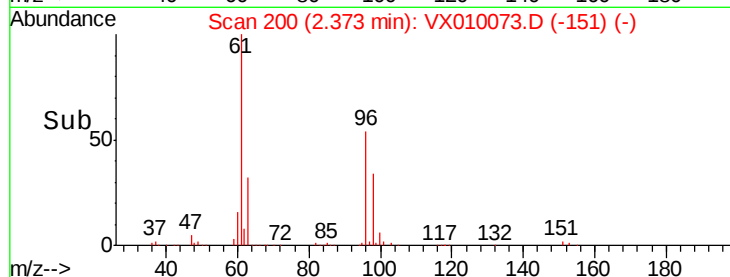
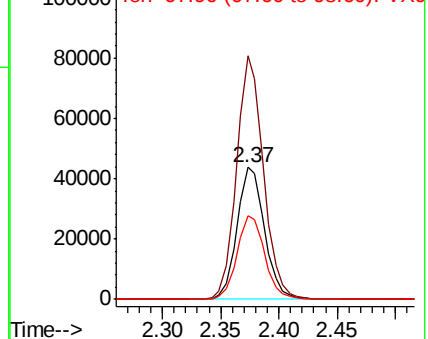
96 100

61 184.8 140.7 211.1

98 63.7 50.1 75.1



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



#13

Acrolein

Concen: 21.266 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX010073.D

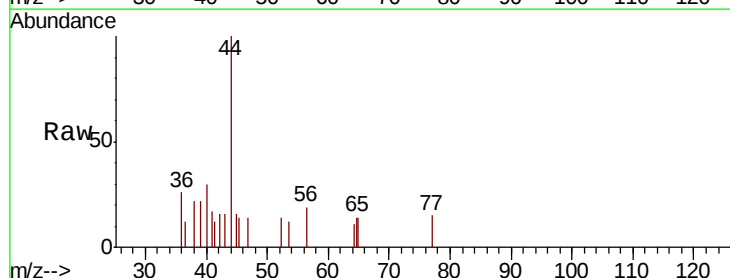
Acq: 05 Jun 2019 13:44

Tgt Ion: 56 Resp: 81

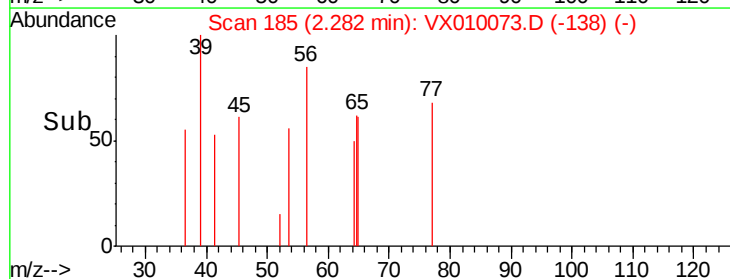
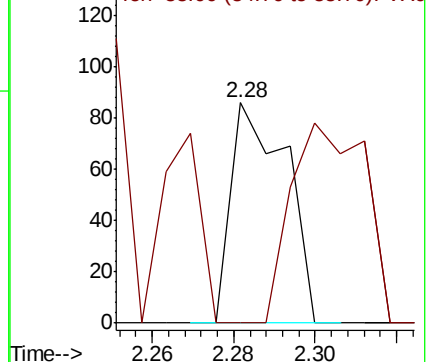
Ion Ratio Lower Upper

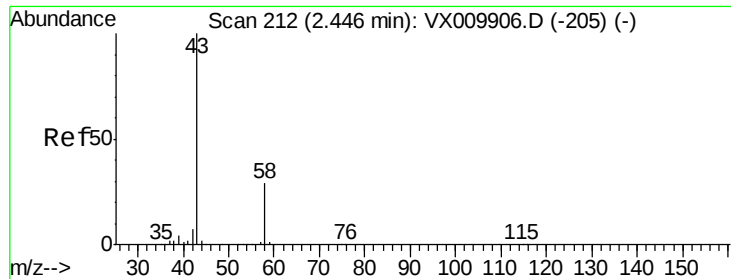
56 100

55 121.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 1.892 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Instrument :

MSVOA_X

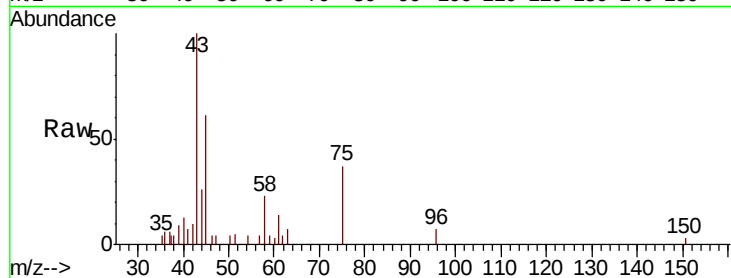
ClientSampleId :

Tot Ion: 43 Resp: 2744

Ion Ratio Lower Upper

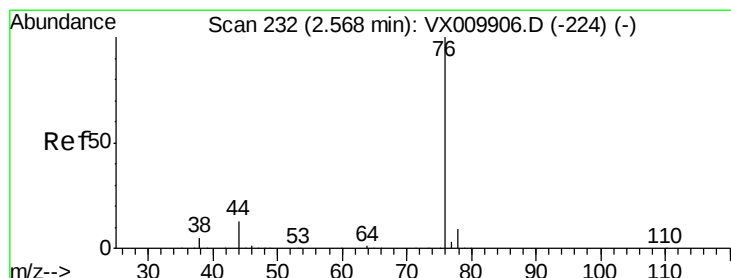
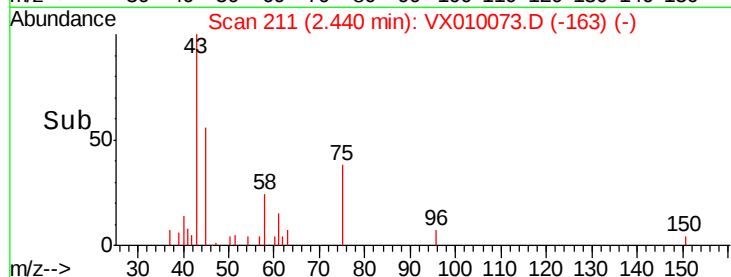
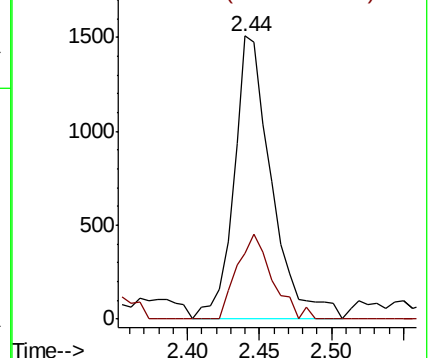
43 100

58 23.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.525 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010073.D

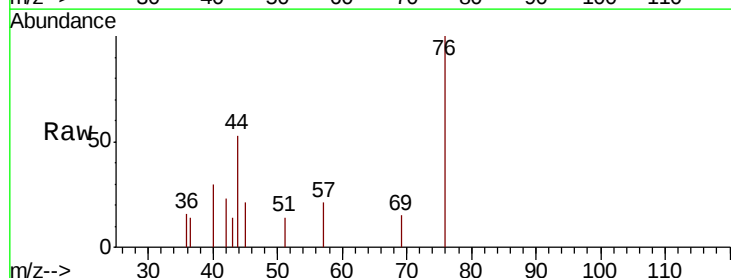
Acq: 05 Jun 2019 13:44

Tgt Ion: 76 Resp: 772

Ion Ratio Lower Upper

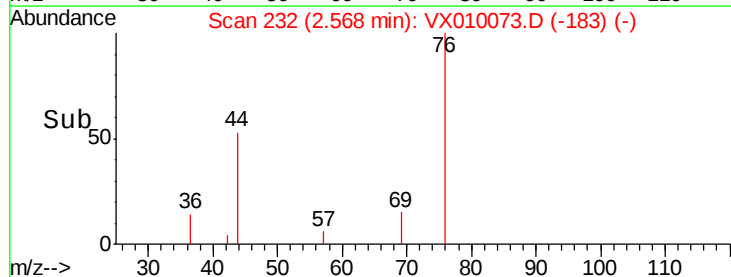
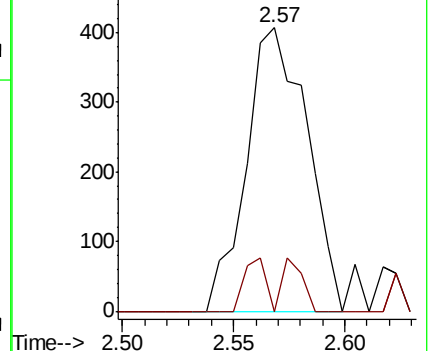
76 100

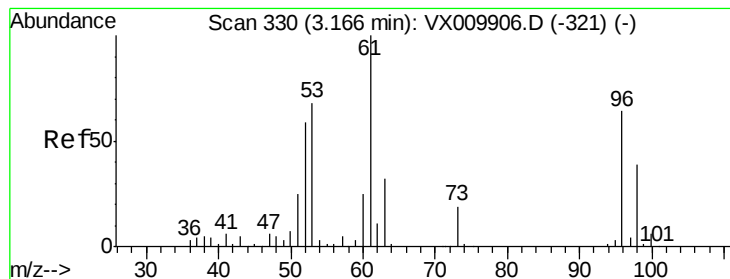
78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.303 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :

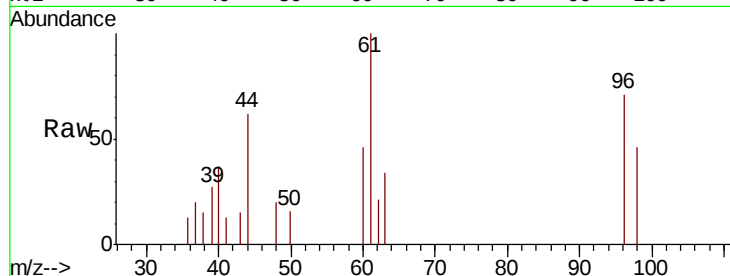
Tot Ion: 96 Resp: 606

Ion Ratio Lower Upper

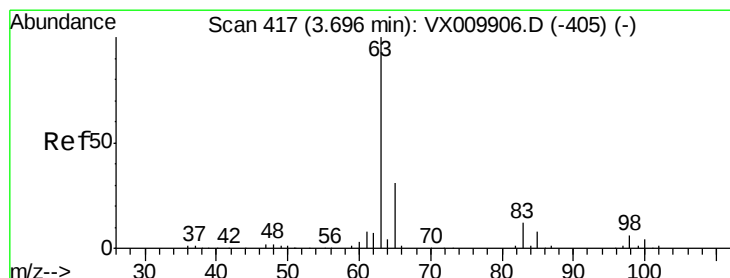
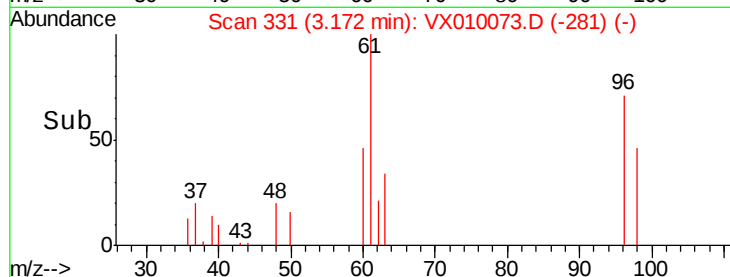
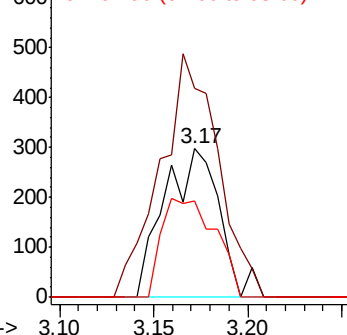
96 100

61 140.6 125.7 188.5

98 64.8 49.0 73.6



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



#24

1,1-Dichloroethane

Concen: 3.464 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

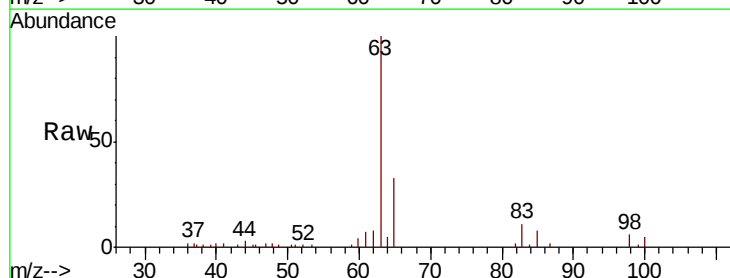
Tgt Ion: 63 Resp: 13969

Ion Ratio Lower Upper

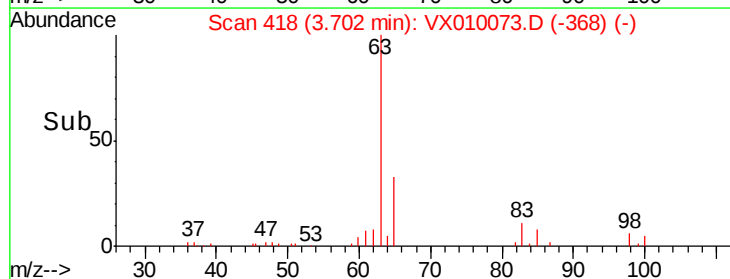
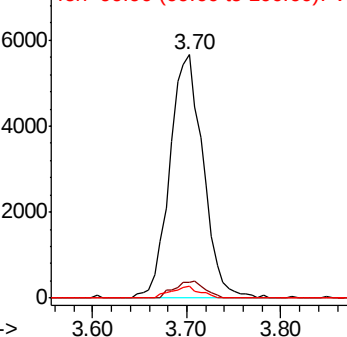
63 100

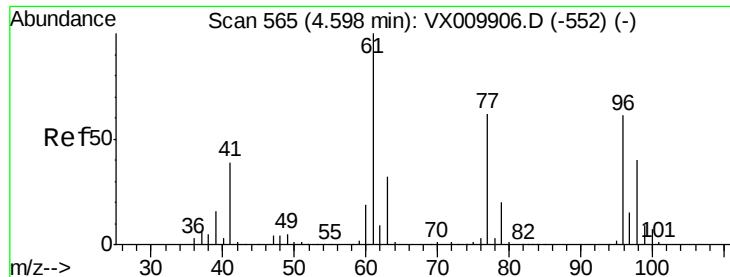
98 6.5 2.9 8.8

100 5.0 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



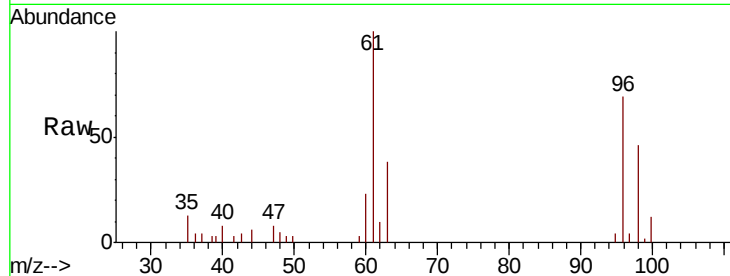


#27

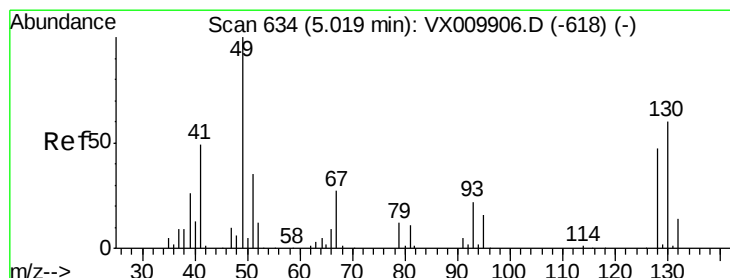
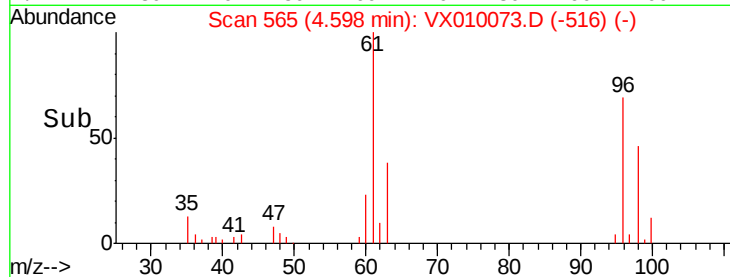
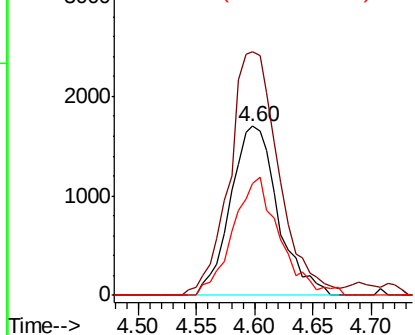
cis-1,2-Dichloroethene
Concen: 2.083 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 4814
Ion Ratio Lower Upper
96 100
61 150.0 0.0 334.0
98 68.9 0.0 131.6



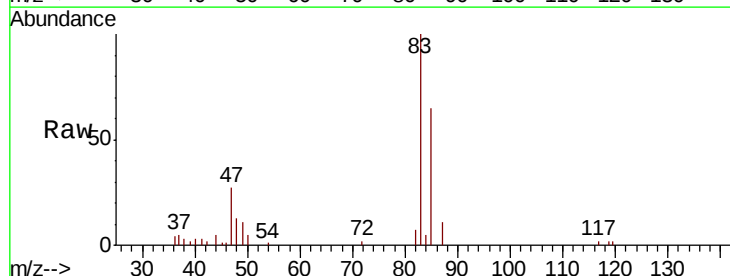
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



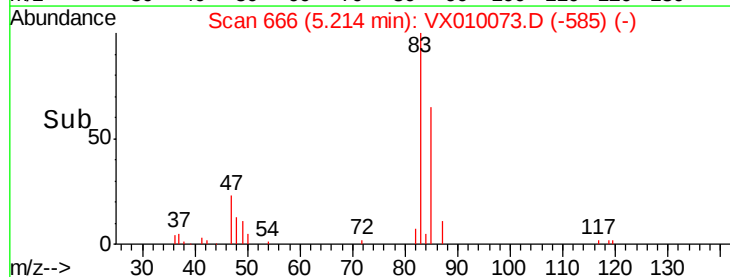
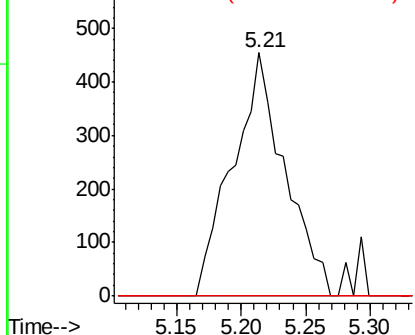
#28

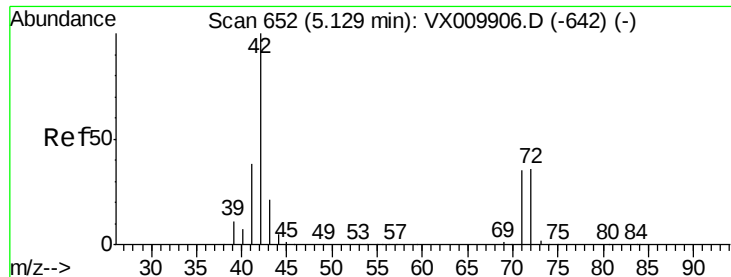
Bromochloromethane
Concen: 0.610 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.20 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Tgt Ion: 49 Resp: 1277
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 0.0 49.4 74.2#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

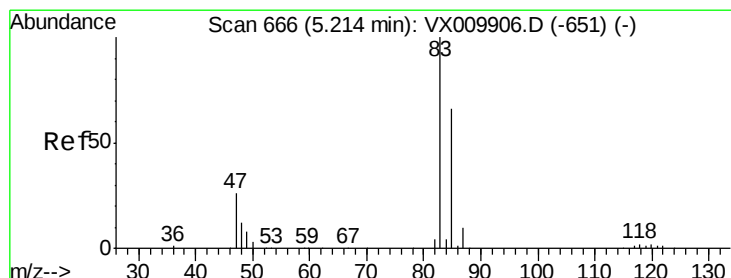
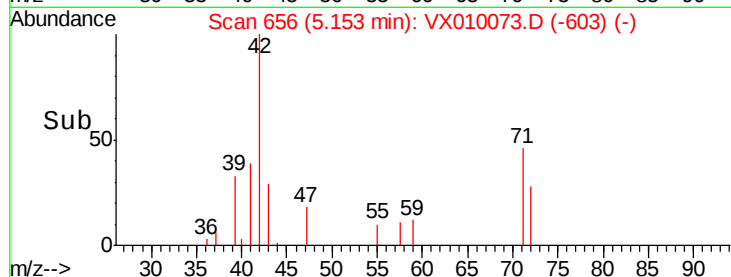
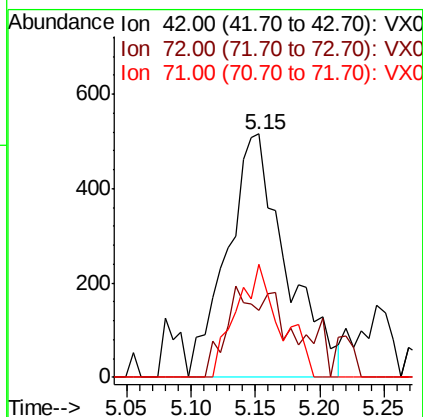
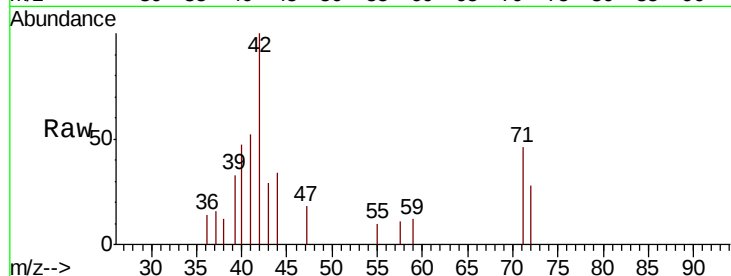




#29
Tetrahydrofuran
Concen: 1.142 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

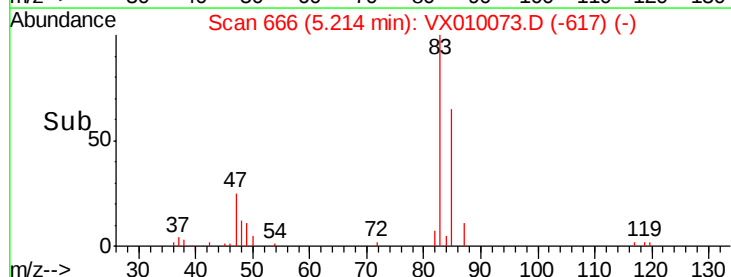
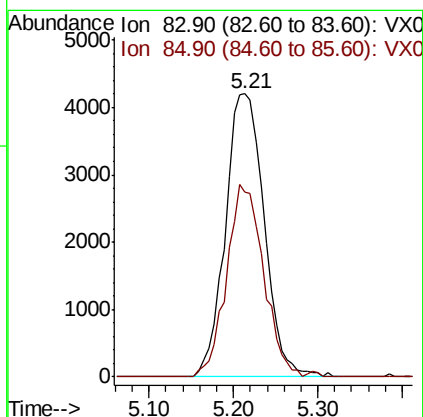
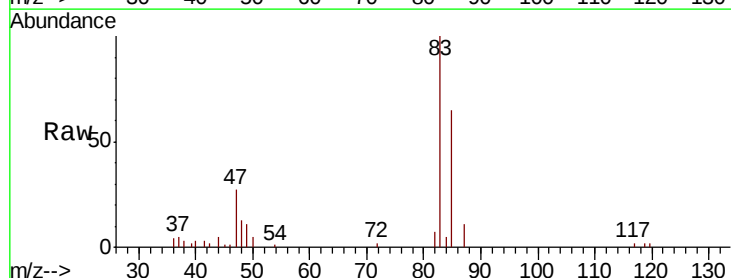
Instrument :
MSVOA_X
ClientSampleId :

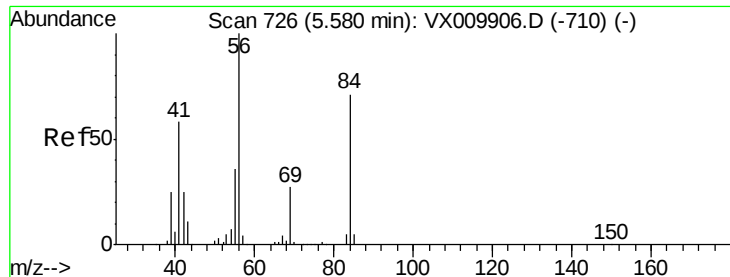
Tot Ion: 42 Resp: 1654
Ion Ratio Lower Upper
42 100
72 19.7 29.2 43.8#
71 28.6 27.6 41.4



#30
Chloroform
Concen: 3.608 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Tgt Ion: 83 Resp: 13124
Ion Ratio Lower Upper
83 100
85 65.1 52.6 78.8

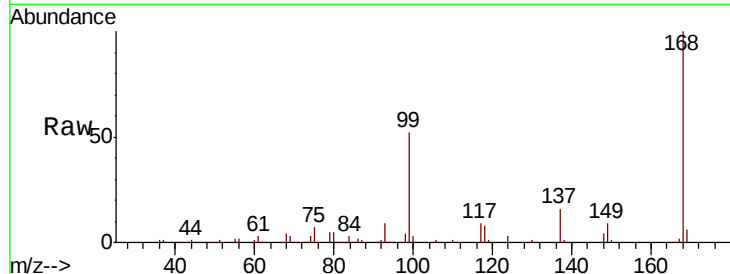




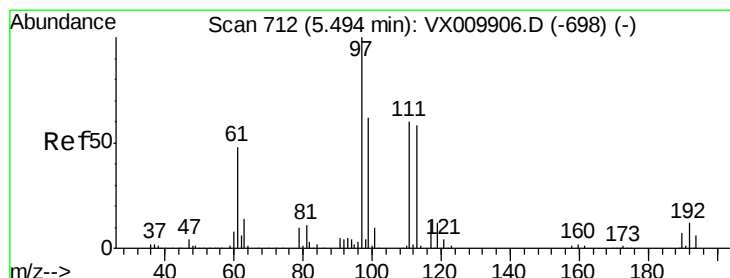
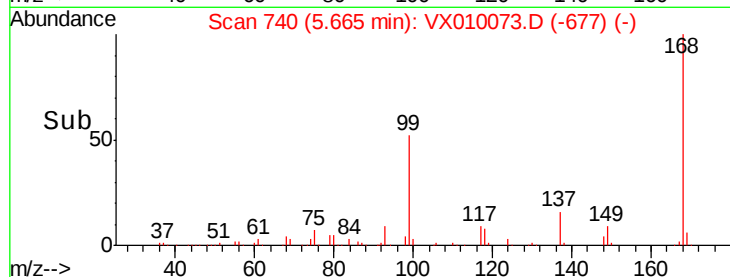
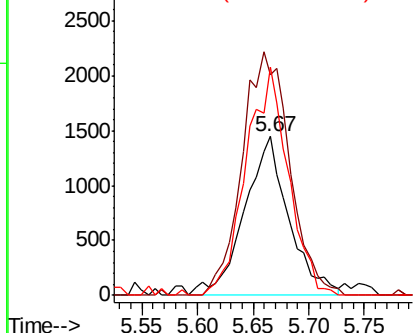
#31
Cyclohexane
Concen: 1.055 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4029
Ion Ratio Lower Upper
56 100
69 139.3 21.6 32.4#
84 144.0 56.8 85.2#

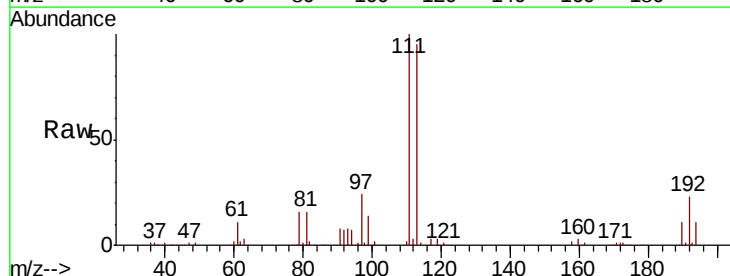


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

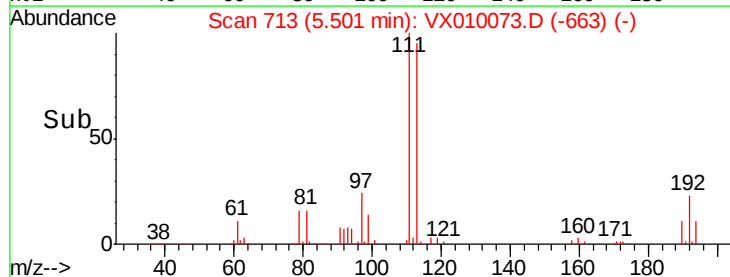
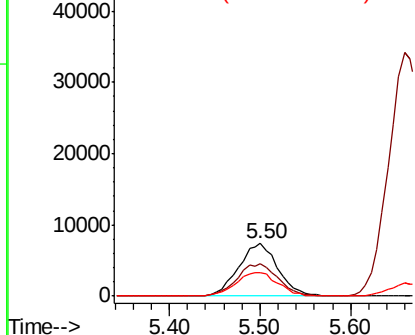


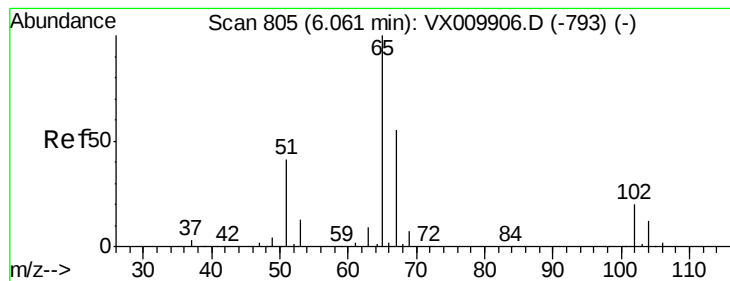
#32
1,1,1-Trichloroethane
Concen: 7.470 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Tgt Ion: 97 Resp: 22127
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 48.4 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.078 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Instrument :

MSVOA_X

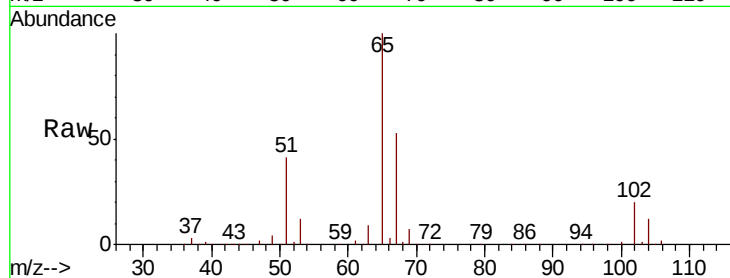
ClientSampleId :

Tot Ion: 65 Resp: 118168

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

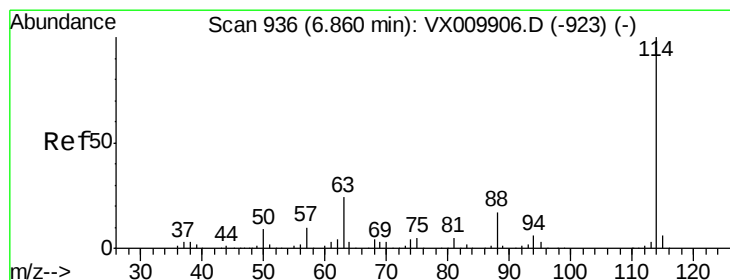
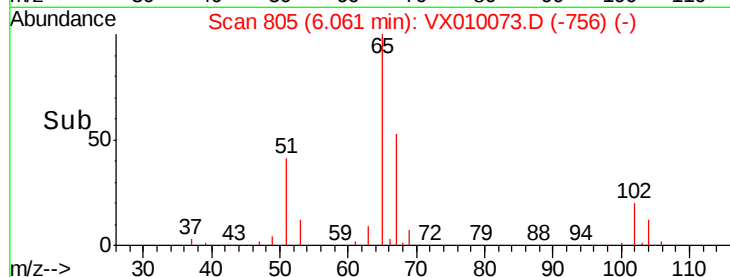
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

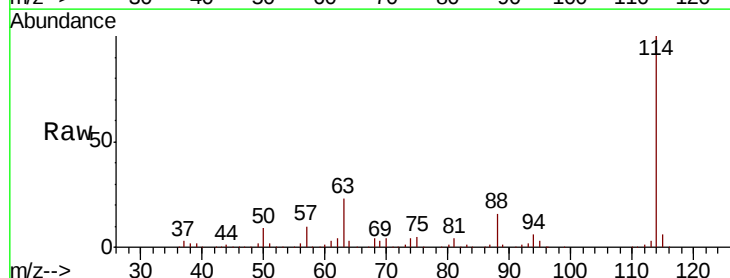
Tgt Ion: 114 Resp: 287015

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

88 16.3 0.0 33.0



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

6.86

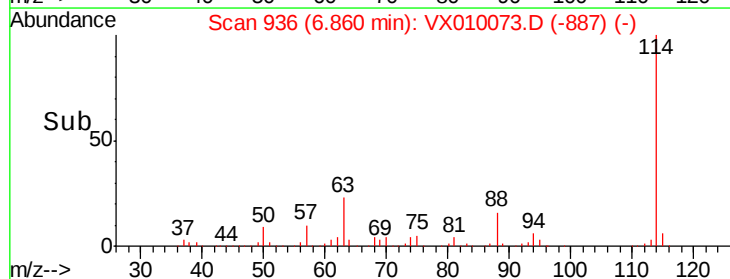
150000

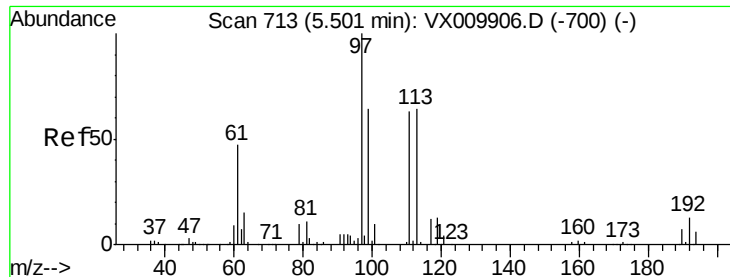
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

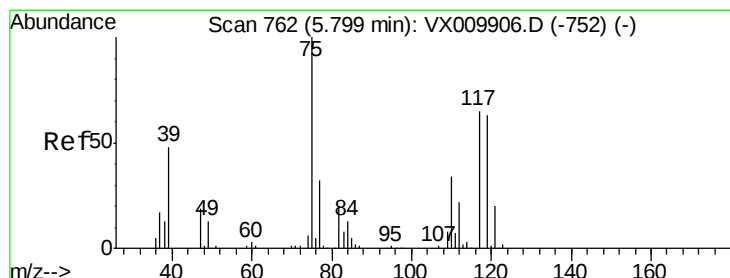
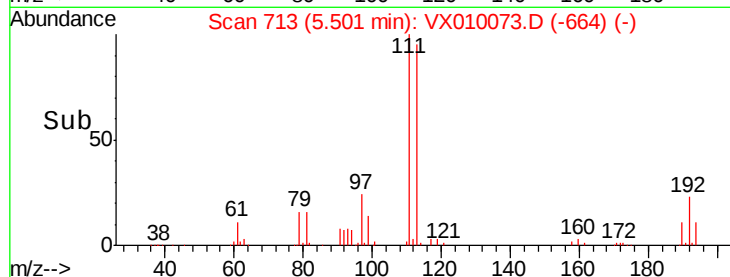
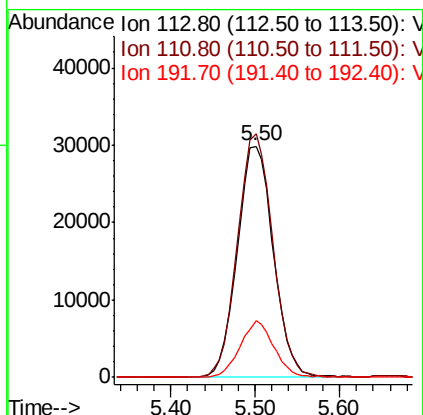
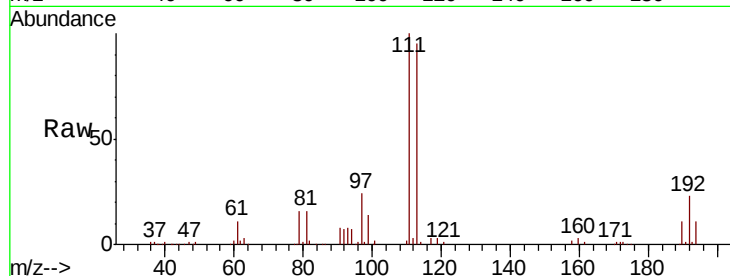




#35
 Dibromofluoromethane
 Concen: 47.974 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010073.D
 Acq: 05 Jun 2019 13:44

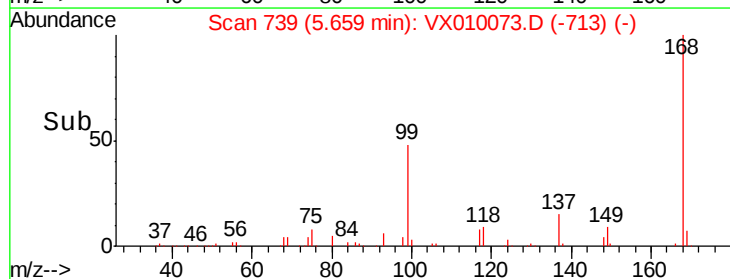
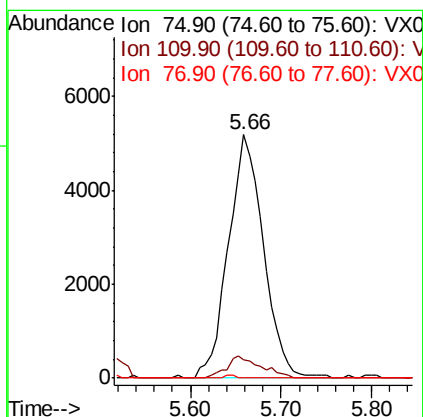
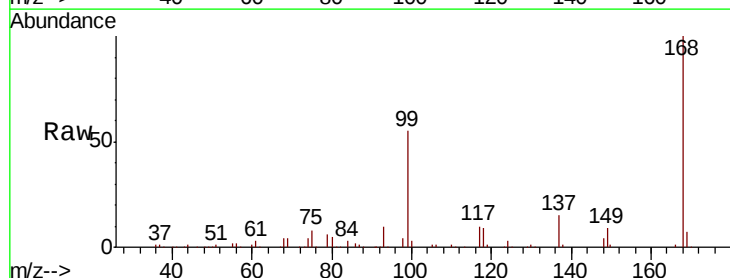
Instrument :
 MSVOA_X
 ClientSampleId :

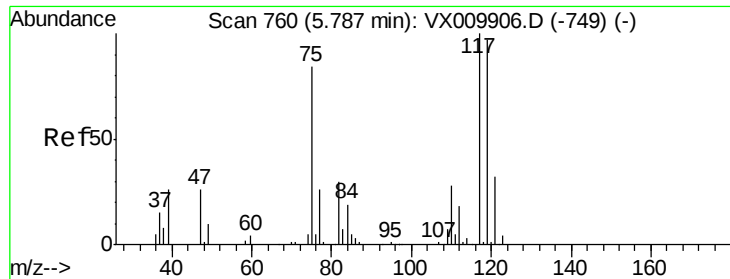
Tot Ion:113 Resp: 86568
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.2
 192 22.8 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.781 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010073.D
 Acq: 05 Jun 2019 13:44

Tgt Ion: 75 Resp: 13923
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.7 50.1#
 77 0.3 25.0 37.4#

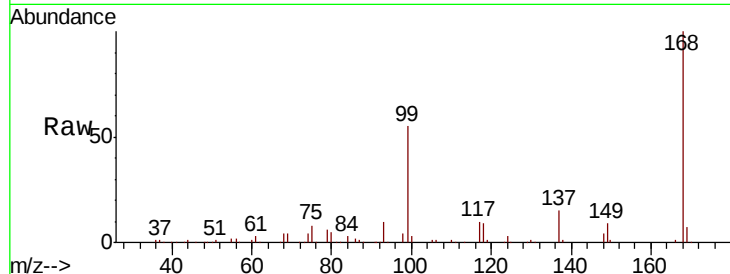




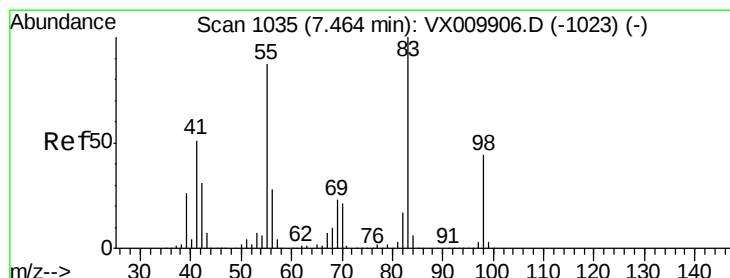
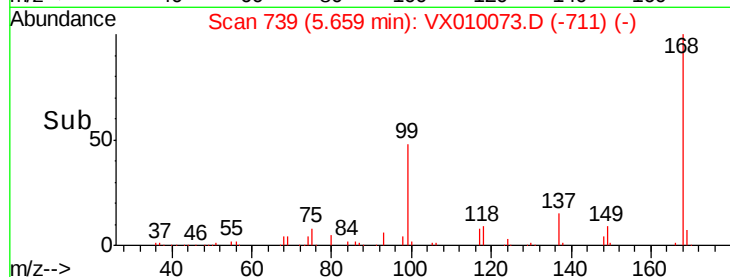
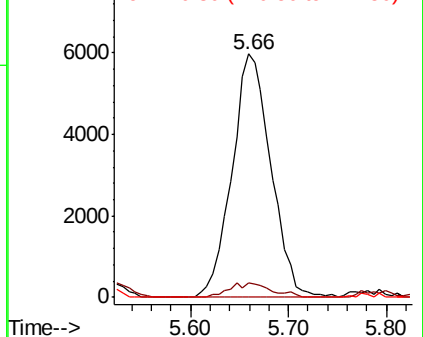
#38
Carbon Tetrachloride
Concen: 6.548 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 16477
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 25.4 38.0#

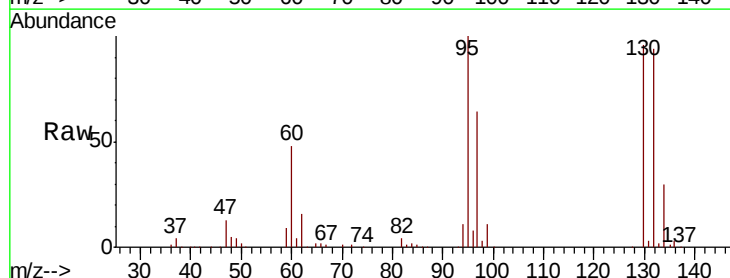


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

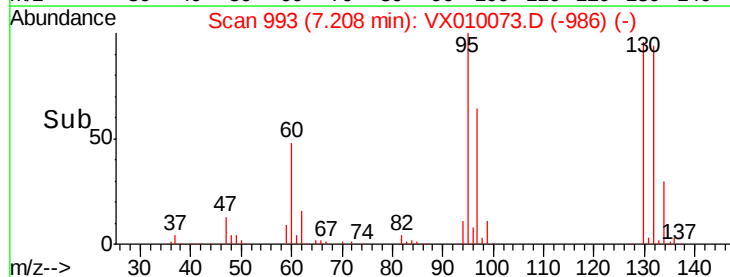
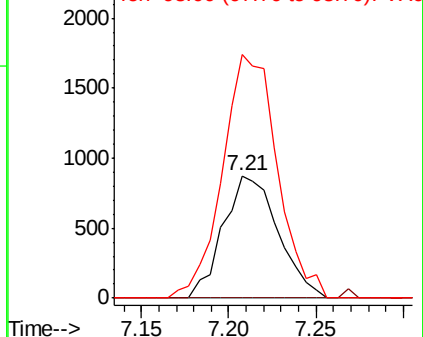


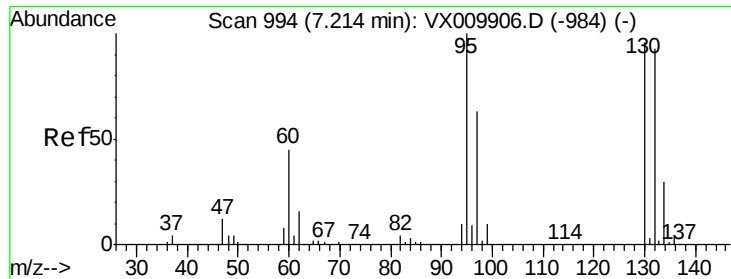
#39
Methylcyclohexane
Concen: 0.551 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.26 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Tgt Ion: 83 Resp: 1905
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 198.7 35.1 52.7#



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

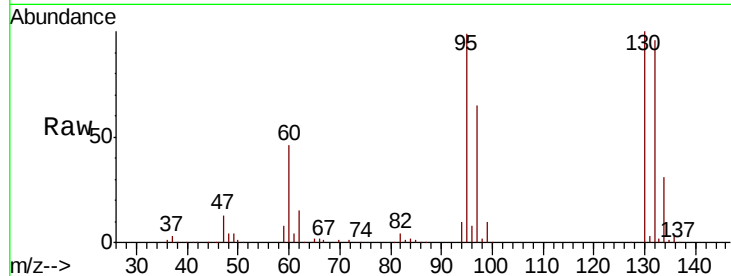




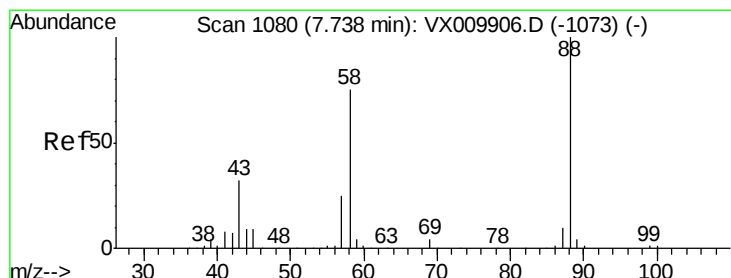
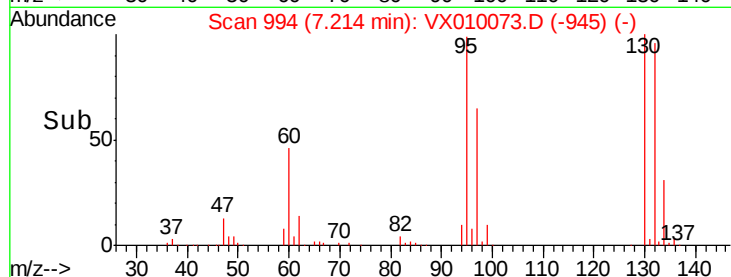
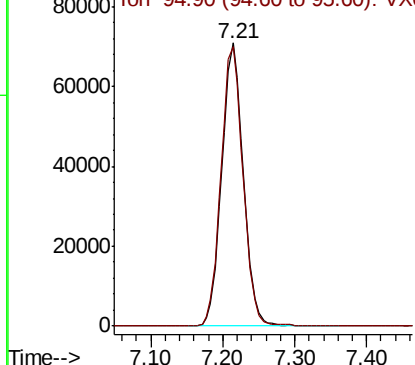
#44
 Trichloroethene
 Concen: 70.533 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010073.D
 Acq: 05 Jun 2019 13:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 148003
 Ion Ratio Lower Upper
 130 100
 95 98.9 0.0 207.4

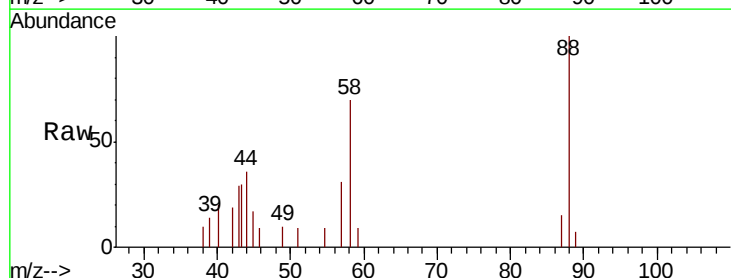


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

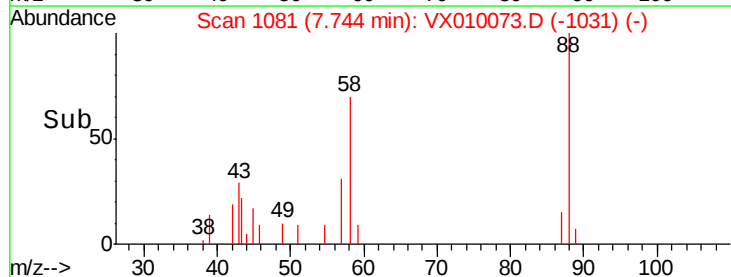
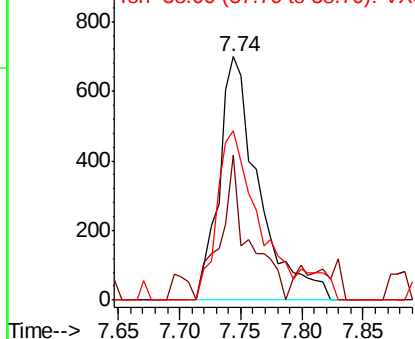


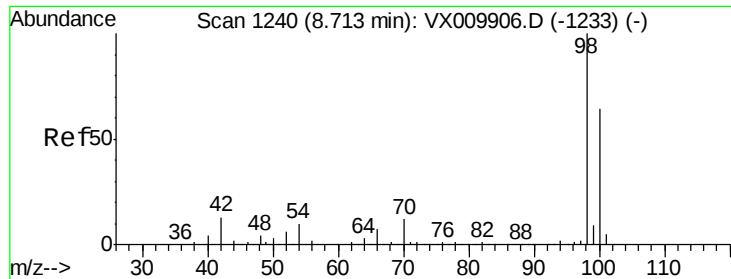
#49
 1,4-Dioxane
 Concen: 25.976 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX010073.D
 Acq: 05 Jun 2019 13:44

Tgt Ion: 88 Resp: 1566
 Ion Ratio Lower Upper
 88 100
 43 42.5 30.2 45.4
 58 71.5 64.0 96.0



Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.813 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Instrument :

MSVOA_X

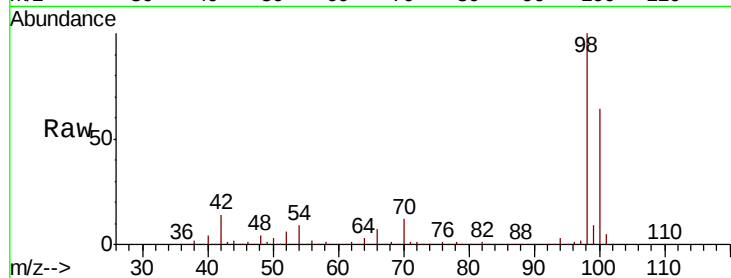
ClientSampled :

Tot Ion: 98 Resp: 357677

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

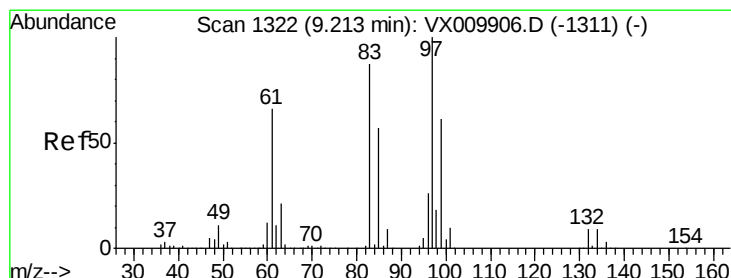
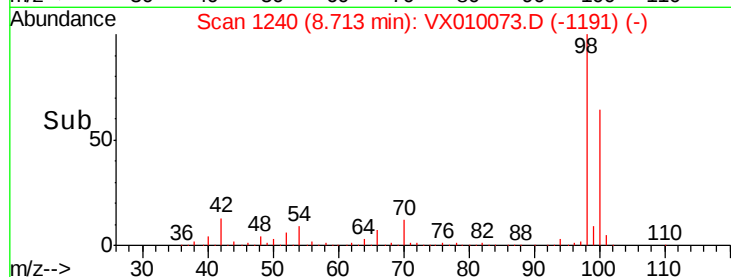
0

8.60

8.70

8.80

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.347 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Tgt Ion: 97 Resp: 732

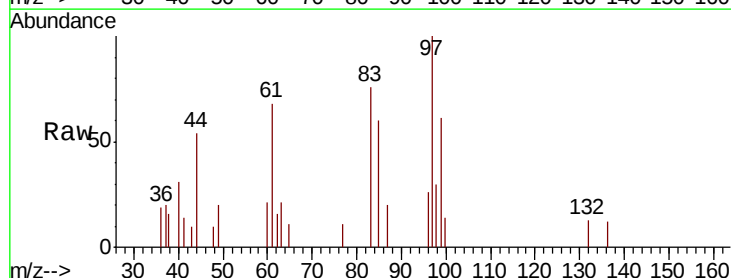
Ion Ratio Lower Upper

97 100

83 75.6 69.8 104.8

85 60.2 45.3 67.9

99 60.5 49.0 73.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

800

600

400

200

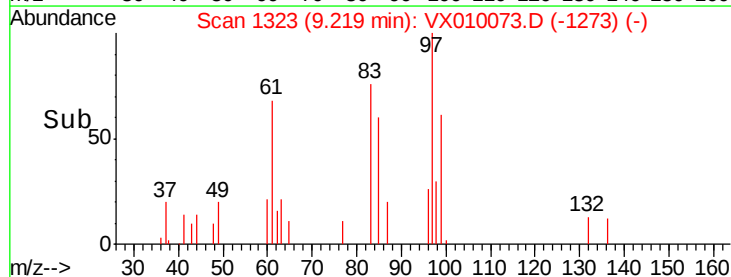
0

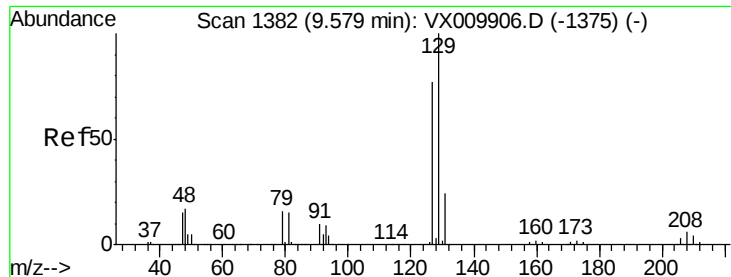
9.15

9.20

9.25

Time-->





#60

Dibromochloromethane

Concen: 59.799 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

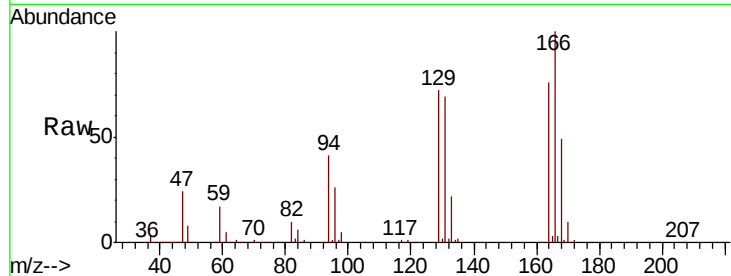
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 124180

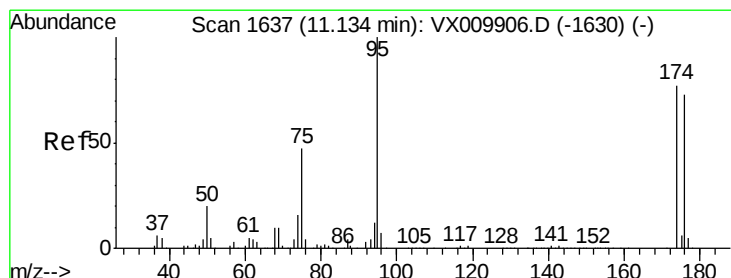
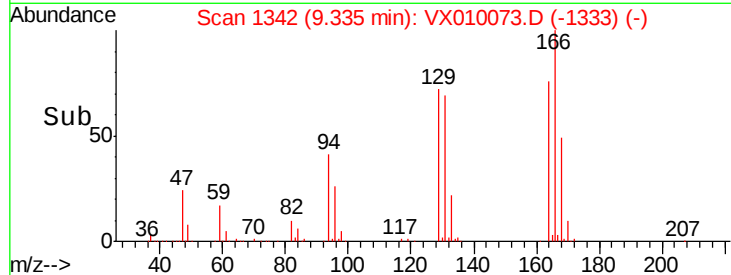
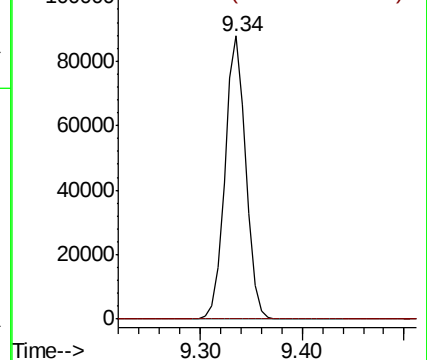
Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.391 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

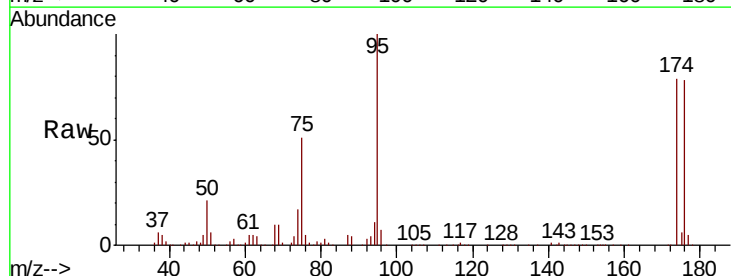
Tgt Ion: 95 Resp: 122099

Ion Ratio Lower Upper

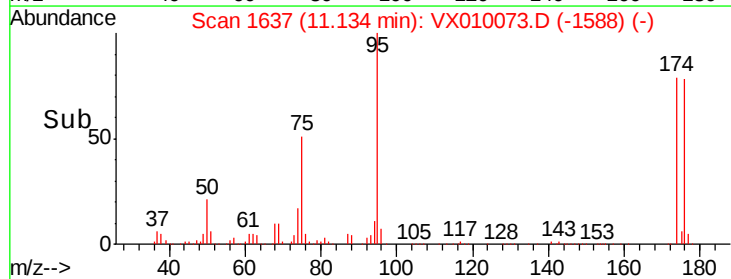
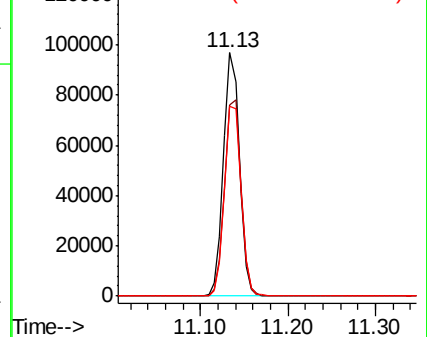
95 100

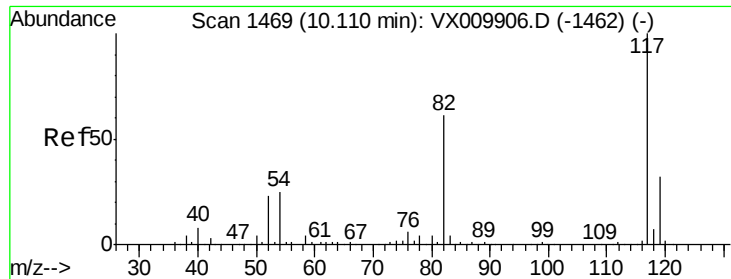
174 83.0 0.0 160.4

176 80.9 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

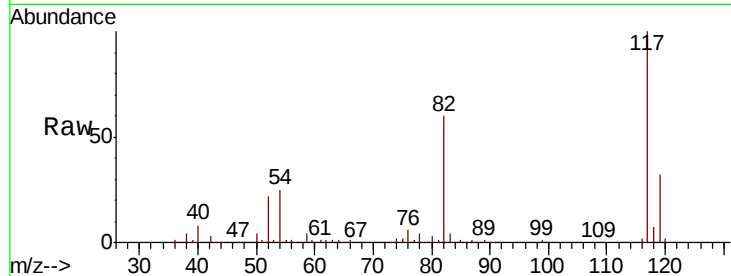




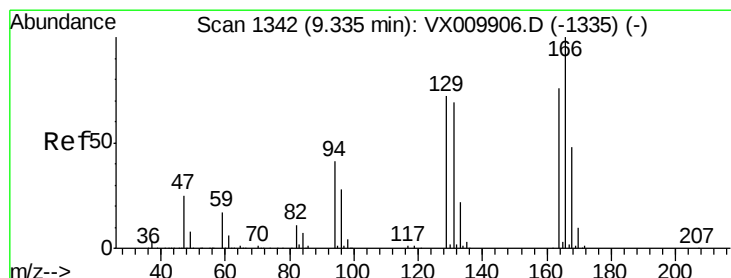
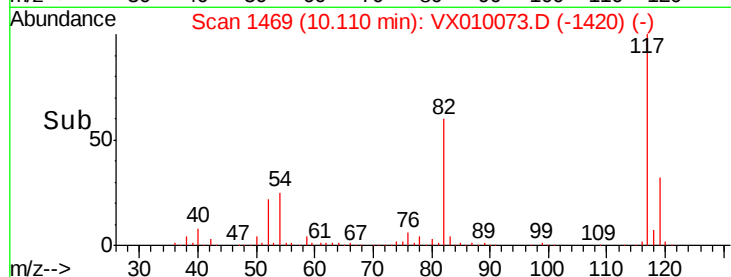
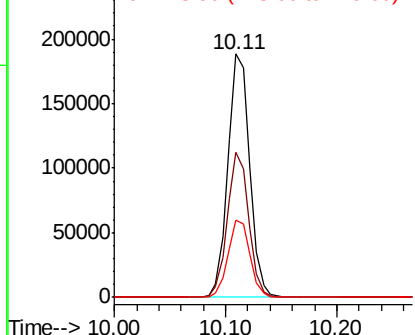
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 255565
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 32.0 25.2 37.8

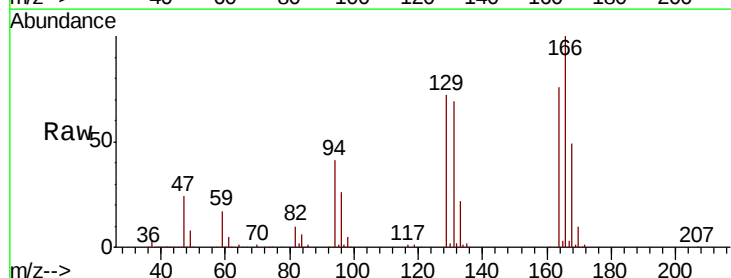


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

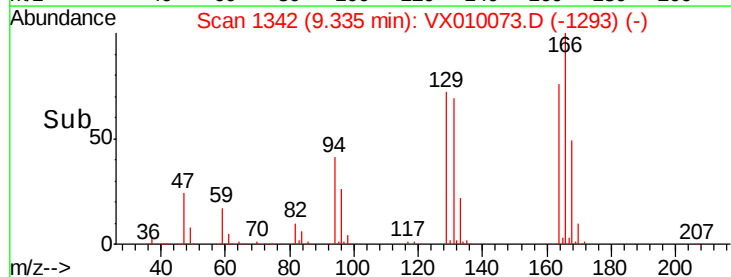
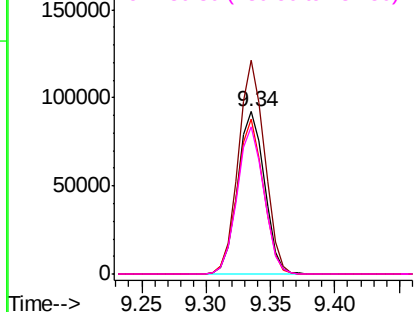


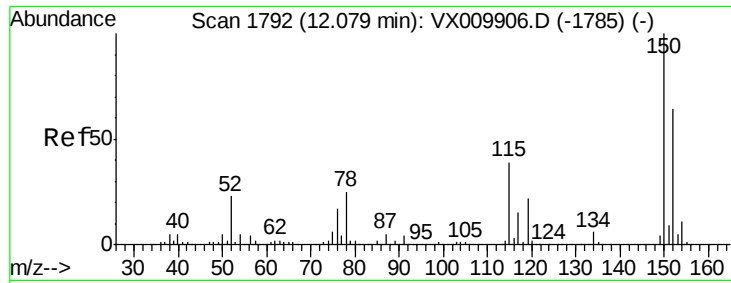
#64
Tetrachloroethene
Concen: 74.863 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010073.D
Acq: 05 Jun 2019 13:44

Tgt Ion:164 Resp: 133639
Ion Ratio Lower Upper
164 100
166 131.7 105.0 157.4
129 95.3 75.1 112.7
131 90.5 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

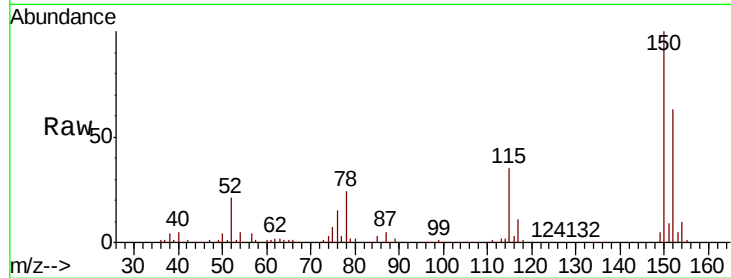
Tot Ion:152 Resp: 112963

Ion Ratio Lower Upper

152 100

115 57.8 41.4 124.2

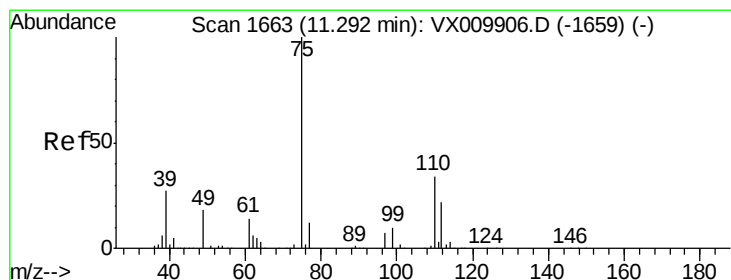
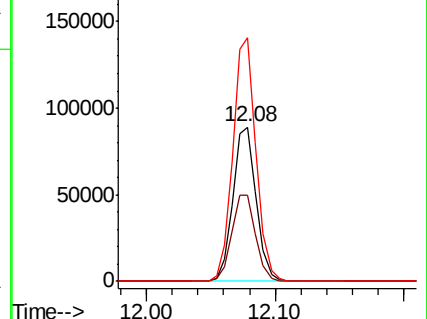
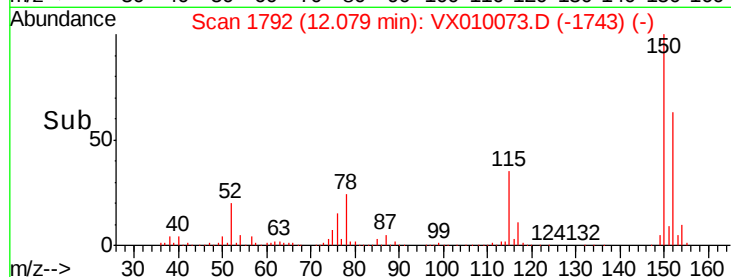
150 157.0 0.0 345.2



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: 23.070 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010073.D

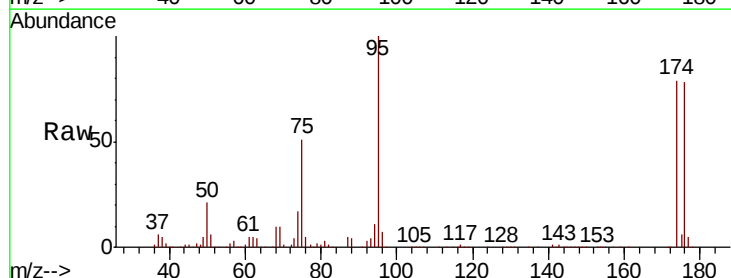
Acq: 05 Jun 2019 13:44

Tgt Ion: 75 Resp: 62320

Ion Ratio Lower Upper

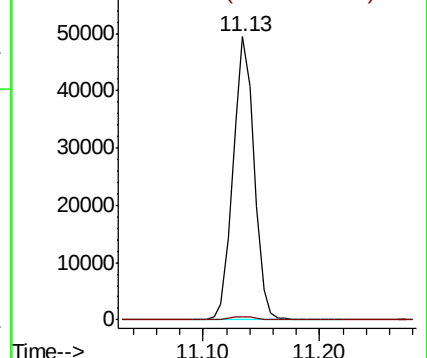
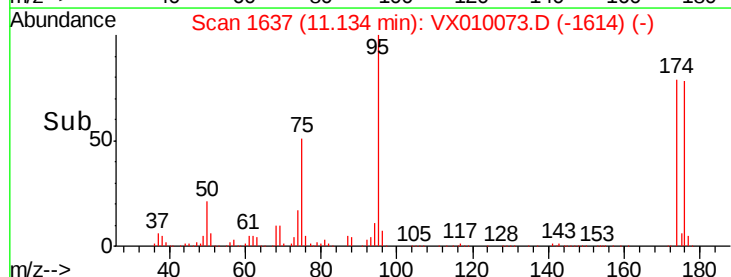
75 100

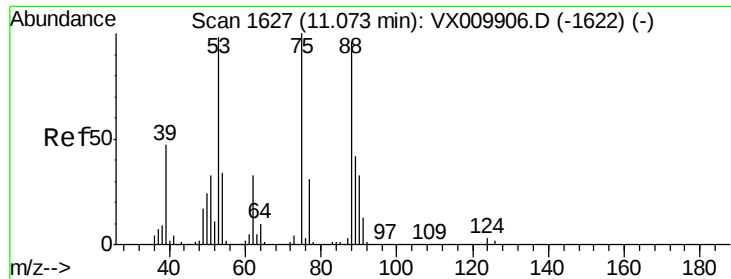
77 1.4 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010073.D

Acq: 05 Jun 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

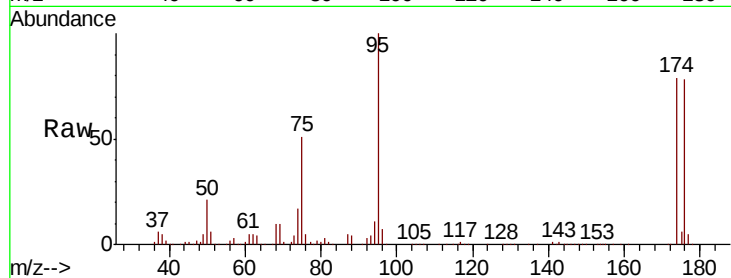
Tot Ion: 75 Resp: 62320

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

