

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010871.D
 Acq On : 15 Jul 2019 09:52
 Operator : JC/SP
 Sample : VX0715WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBL01

Quant Time: Jul 16 01:55:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155198	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	127721	56.60	ug/l	0.00
Spiked Amount			Recovery	=	113.20%	
35) Dibromofluoromethane	5.49	113	118716	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
50) Toluene-d8	8.71	98	443574	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	153495	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

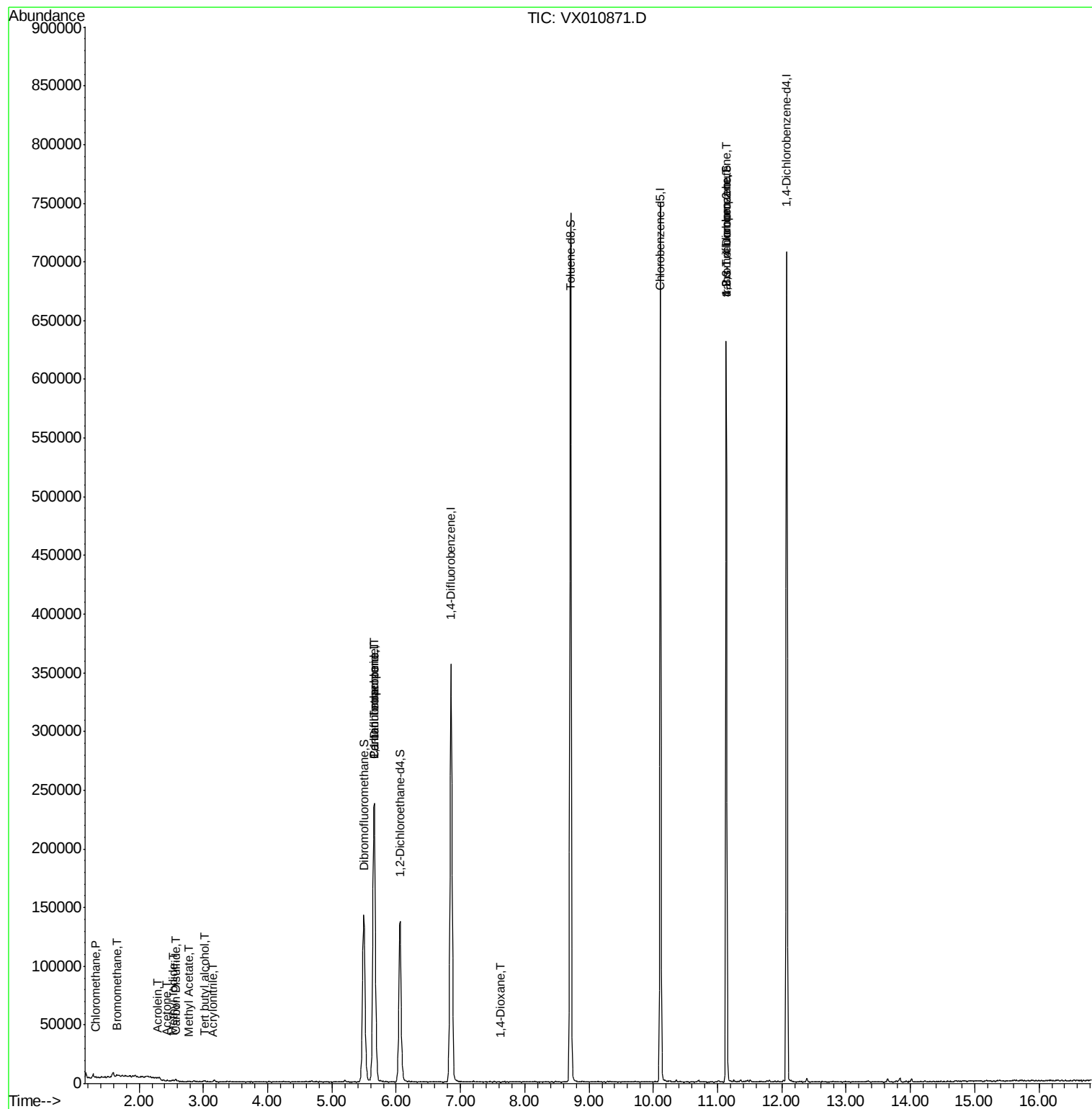
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	595	0.305	ug/l #	81
5) Bromomethane	1.65	94	1173	1.128	ug/l #	57
10) Methyl Iodide	2.53	142	1024	0.350	ug/l #	89
11) Tert butyl alcohol	3.01	59	537	0.909	ug/l #	85
13) Acrolein	2.28	56	193	0.493	ug/l #	1
15) Acrylonitrile	3.15	53	571	0.488	ug/l #	94
16) Acetone	2.44	43	545	0.482	ug/l	97
17) Carbon Disulfide	2.57	76	1906	0.341	ug/l #	81
18) Methyl Acetate	2.77	43	651	0.289	ug/l #	84
36) 1,1-Dichloropropene	5.65	75	15646	5.202	ug/l #	49
38) Carbon Tetrachloride	5.66	117	21970	6.746	ug/l #	15
49) 1,4-Dioxane	7.62	88	26	0.379	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	76227	26.953	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	76227	62.879	ug/l #	16

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

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Quant Time: Jul 16 01:55:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampled :

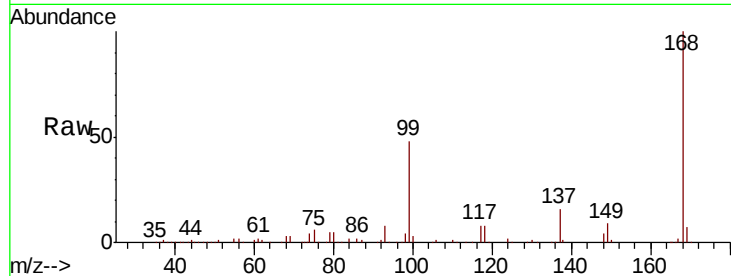
VX0715WBL01

Tot Ion:168 Resp: 240671

Ion Ratio Lower Upper

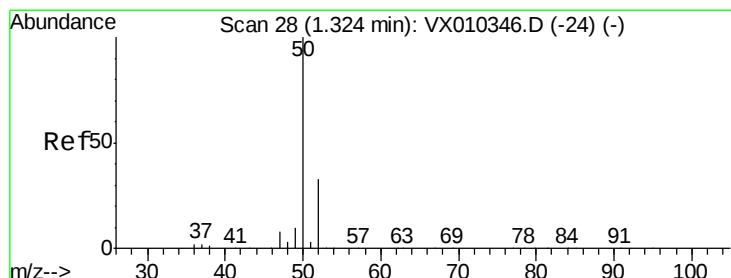
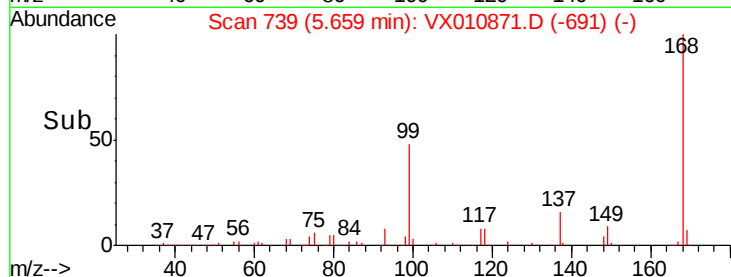
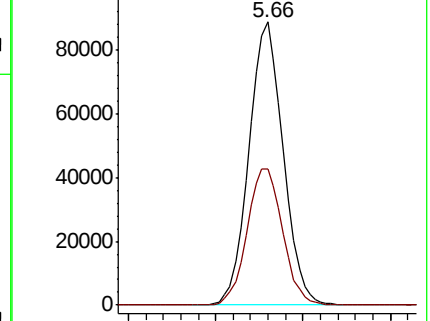
168 100

99 48.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.305 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010871.D

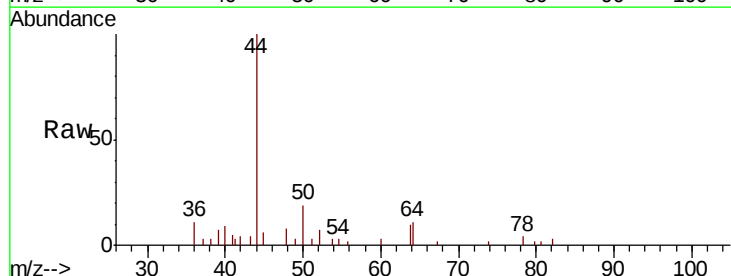
Acq: 15 Jul 2019 09:52

Tgt Ion: 50 Resp: 595

Ion Ratio Lower Upper

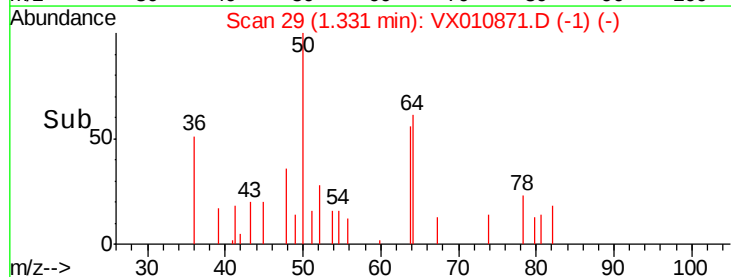
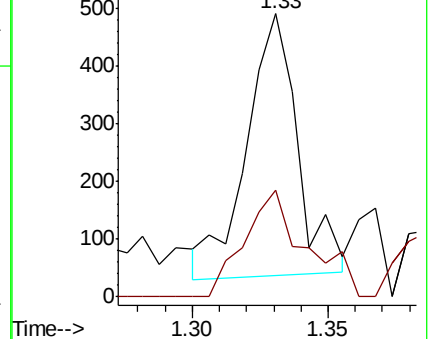
50 100

52 43.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 1.128 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

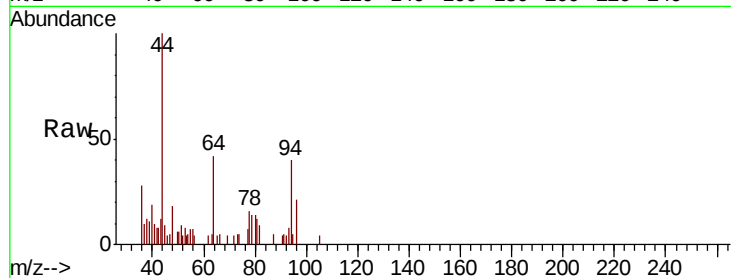
VX0715WBL01

Tot Ion: 94 Resp: 1173

Ion Ratio Lower Upper

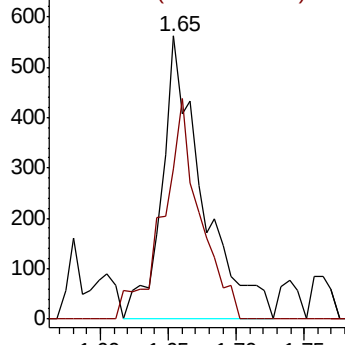
94 100

96 53.0 75.5 113.3#

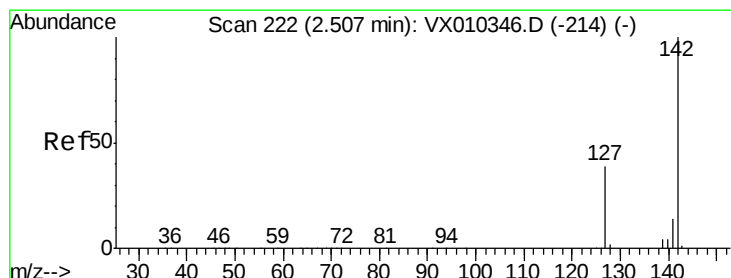
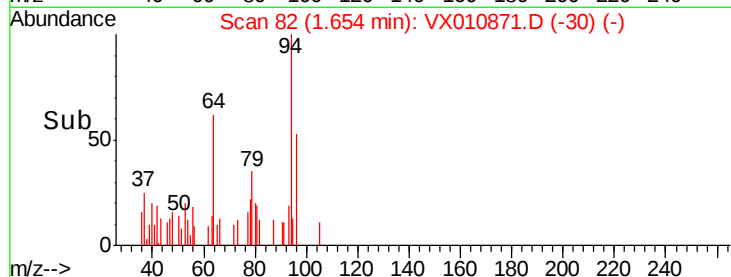


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 0.350 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

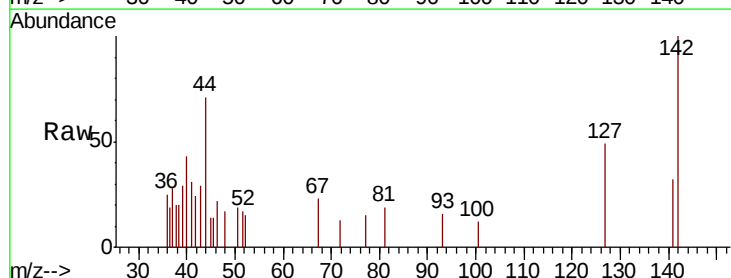
Tgt Ion: 142 Resp: 1024

Ion Ratio Lower Upper

142 100

127 45.2 31.1 46.7

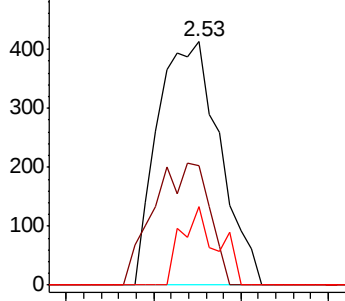
141 18.7 11.2 16.8#



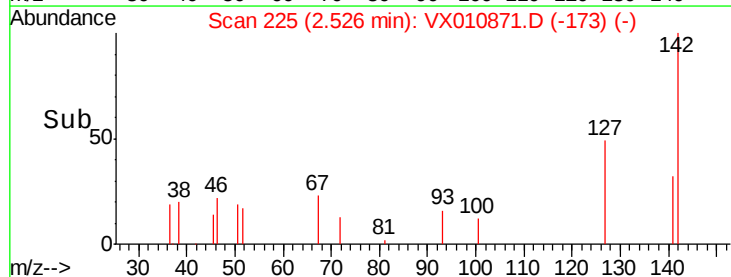
Abundance Ion 141.80 (141.50 to 142.50): V

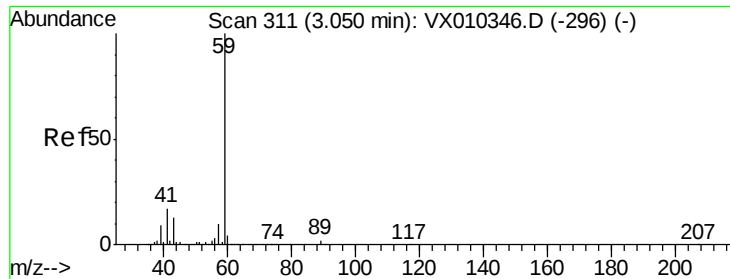
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



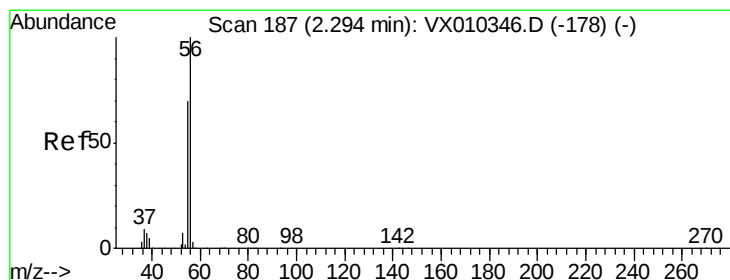
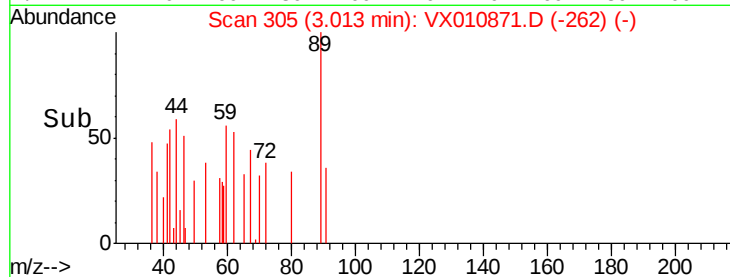
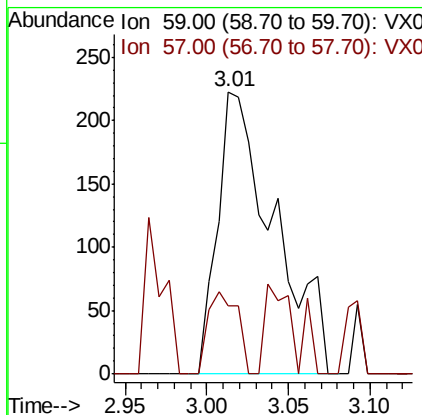
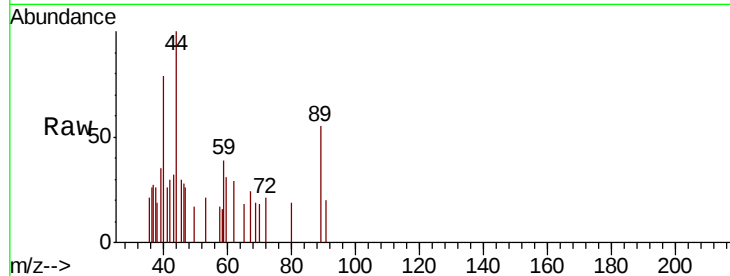


#11

Tert butyl alcohol
 Concen: 0.909 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX010871.D
 Acq: 15 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBL01

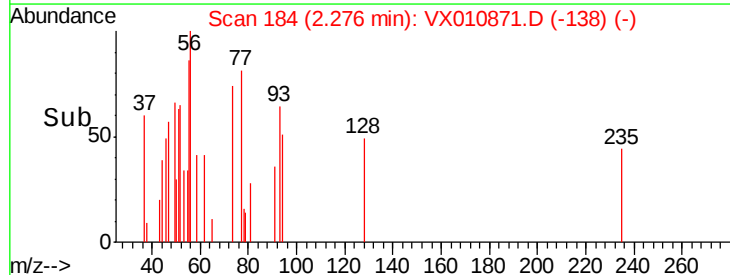
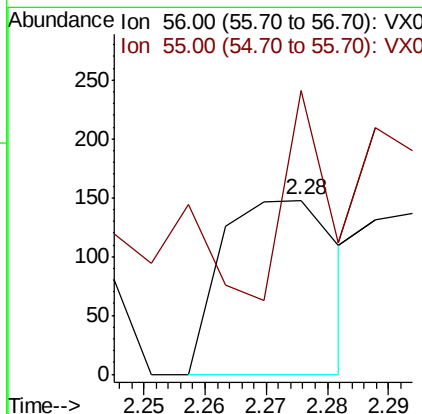
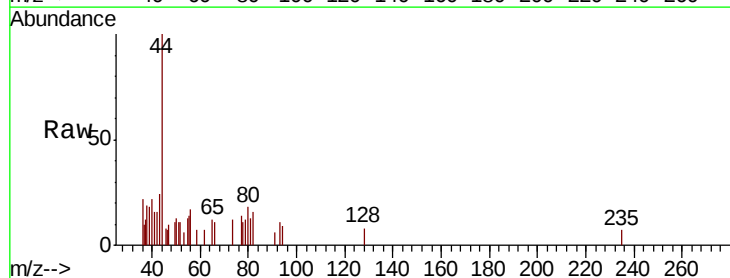
Tot Ion: 59 Resp: 537
 Ion Ratio Lower Upper
 59 100
 57 15.3 7.7 11.5#

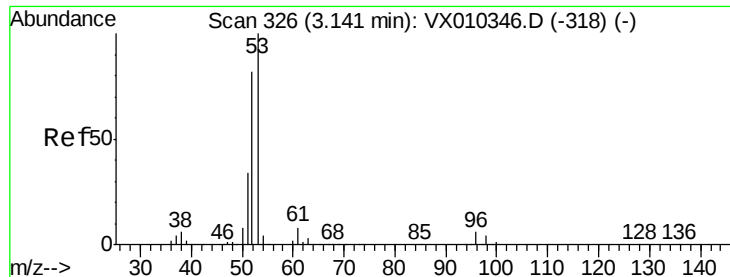


#13

Acrolein
 Concen: 0.493 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX010871.D
 Acq: 15 Jul 2019 09:52

Tgt Ion: 56 Resp: 193
 Ion Ratio Lower Upper
 56 100
 55 242.0 56.9 85.3#





#15

Acrylonitrile

Concen: 0.488 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBL01

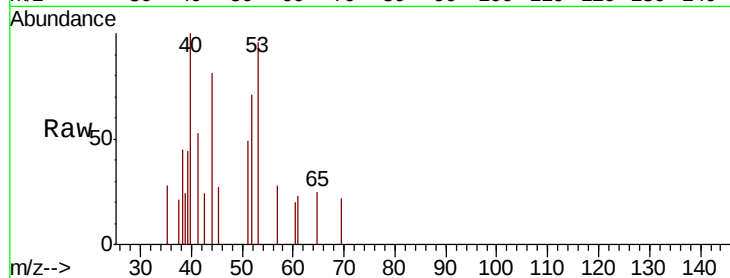
Tot Ion: 53 Resp: 571

Ion Ratio Lower Upper

53 100

52 79.5 65.5 98.3

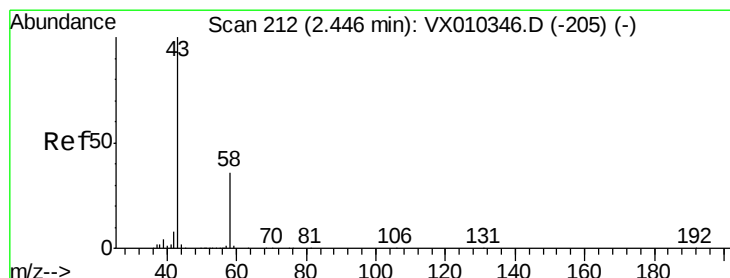
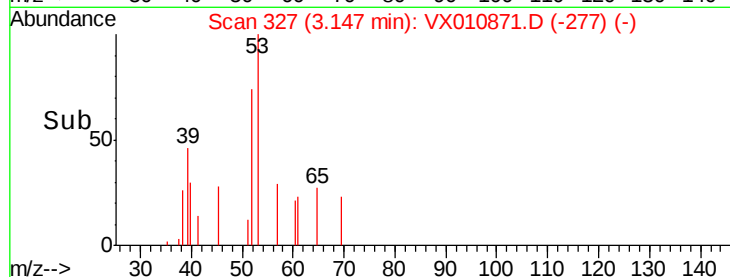
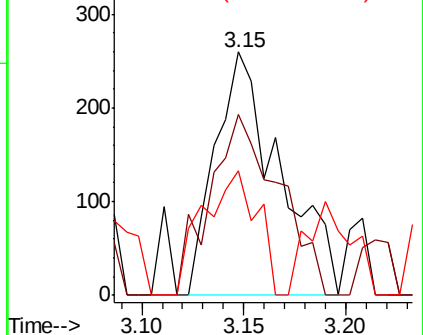
51 43.3 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.482 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010871.D

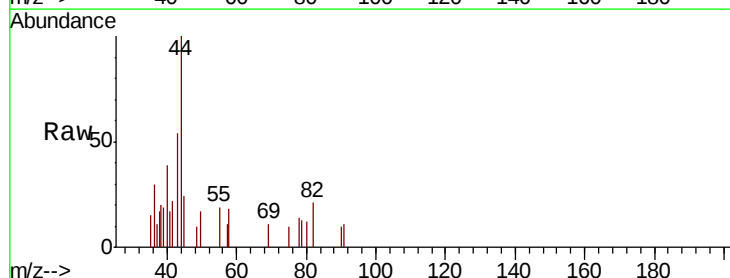
Acq: 15 Jul 2019 09:52

Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

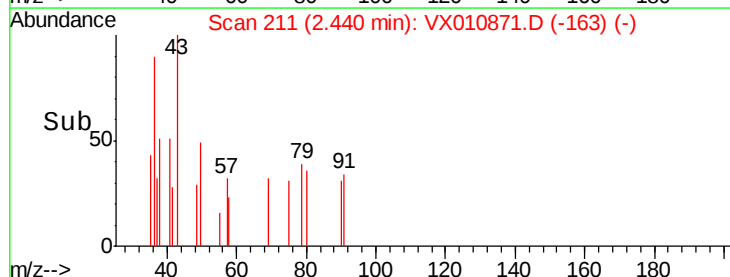
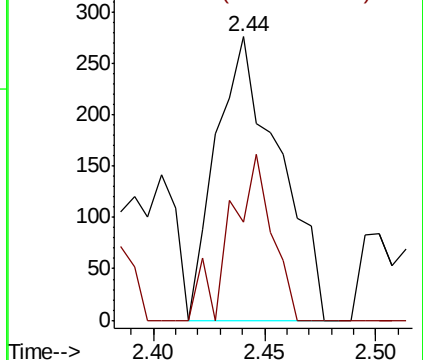
43 100

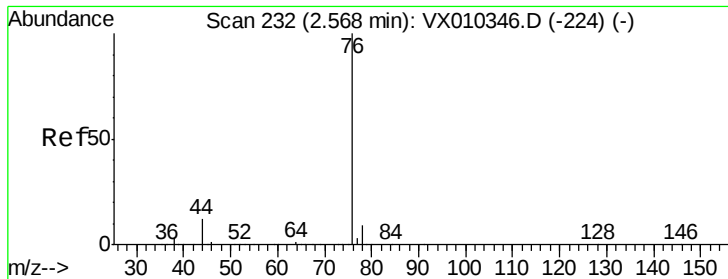
58 34.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

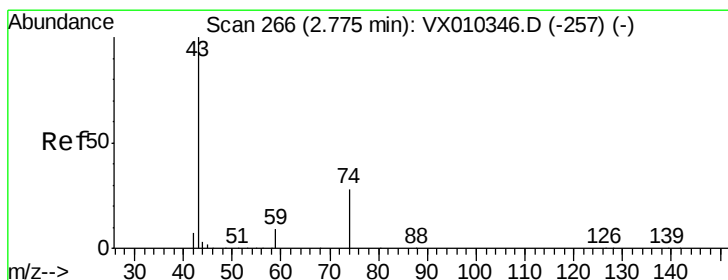
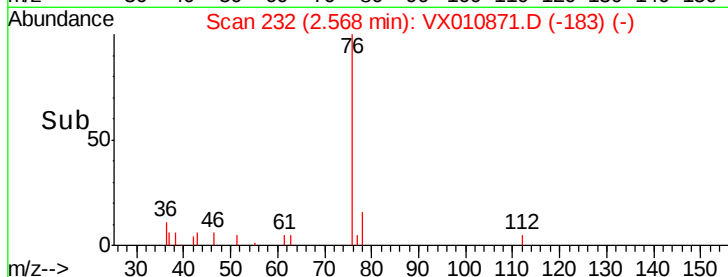
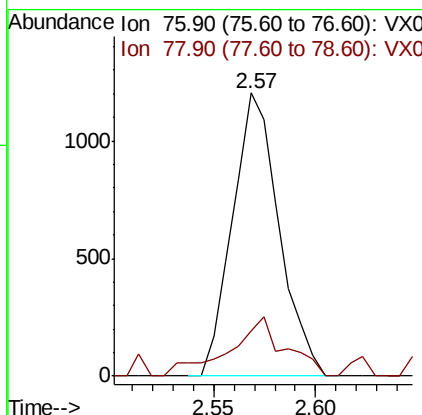
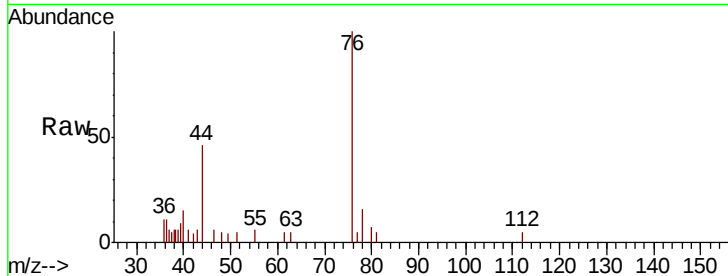




#17
Carbon Disulfide
Concen: 0.341 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010871.D
Acq: 15 Jul 2019 09:52

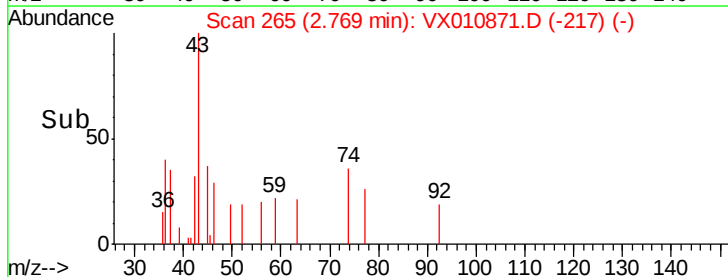
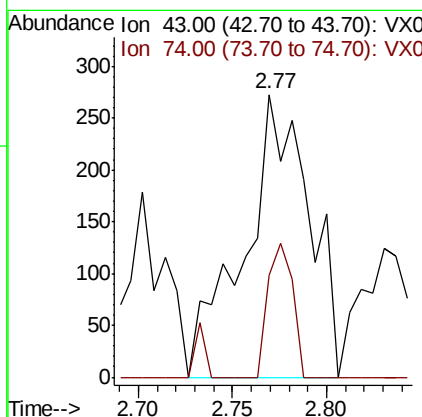
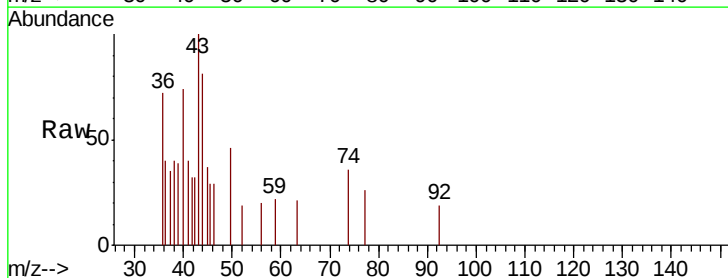
Instrument :
MSVOA_X
ClientSampled :
VX0715WBL01

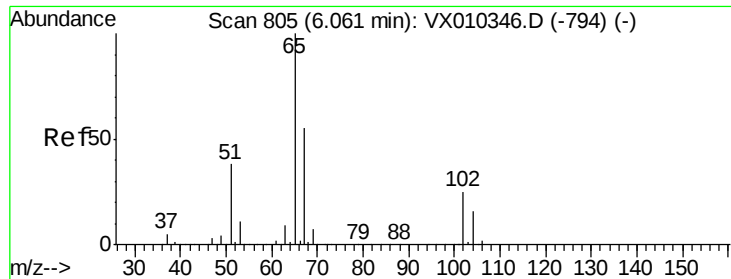
Tot Ion: 76 Resp: 1906
Ion Ratio Lower Upper
76 100
78 16.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.289 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010871.D
Acq: 15 Jul 2019 09:52

Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
74 18.1 21.3 31.9#





#33

1,2-Dichloroethane-d4

Concen: 56.601 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

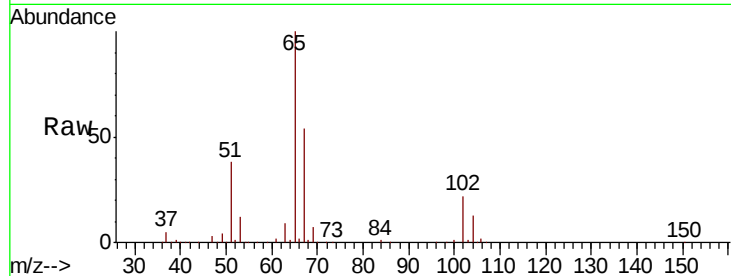
VX0715WBL01

Tot Ion: 65 Resp: 127721

Ion Ratio Lower Upper

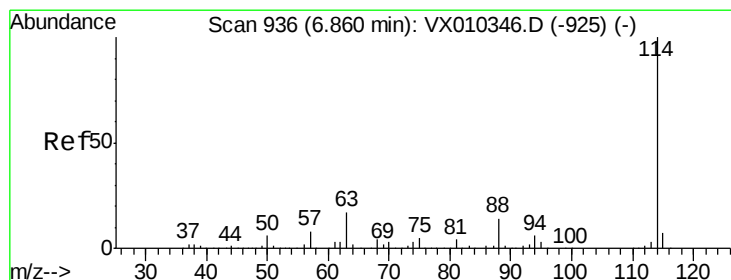
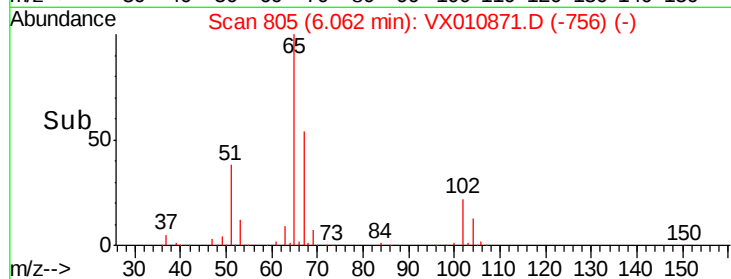
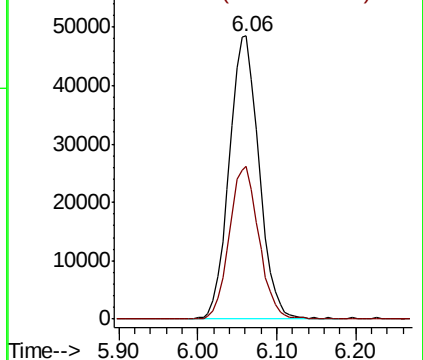
65 100

67 53.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

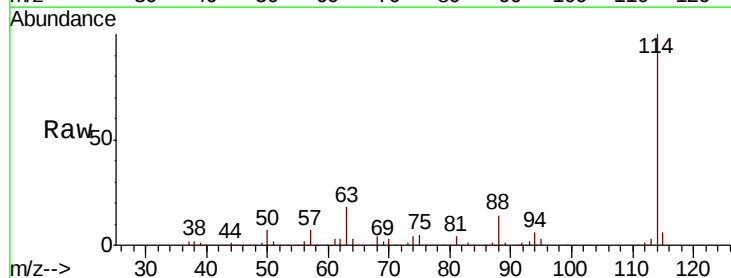
Tgt Ion: 114 Resp: 378495

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

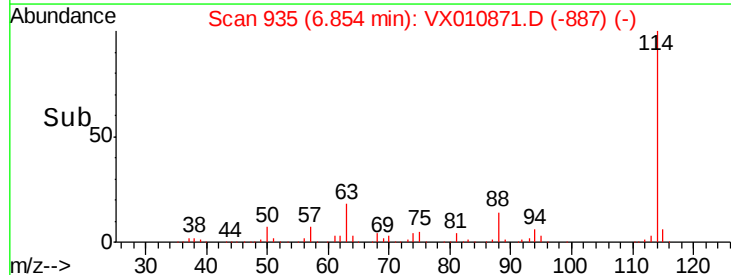
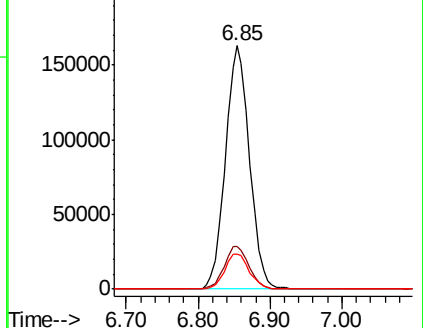
88 14.5 0.0 27.6

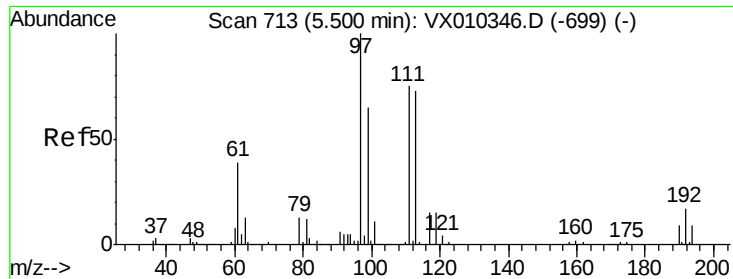


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

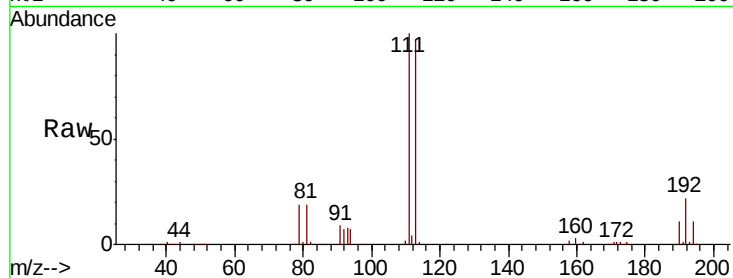




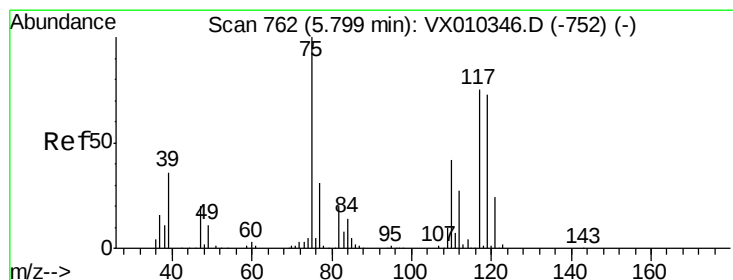
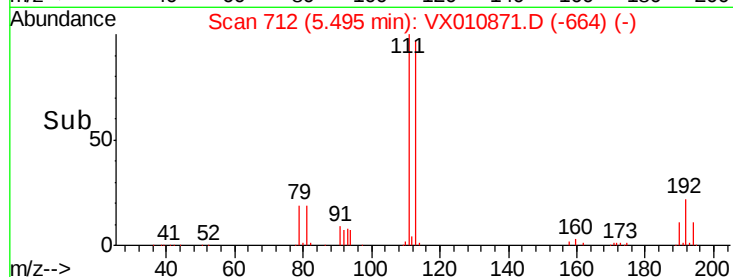
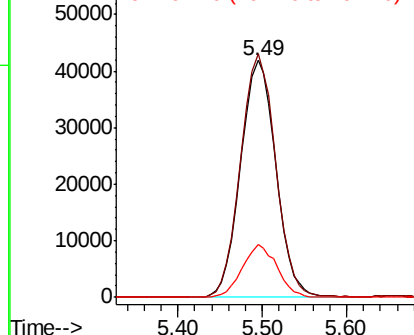
#35
 Dibromofluoromethane
 Concen: 51.264 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010871.D
 Acq: 15 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBL01

Tot Ion:113 Resp: 118716
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.2 121.8
 192 21.9 18.6 27.8

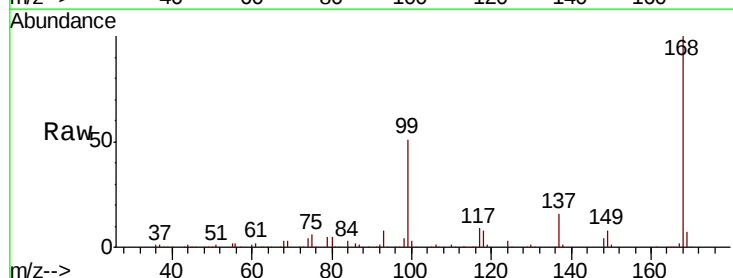


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

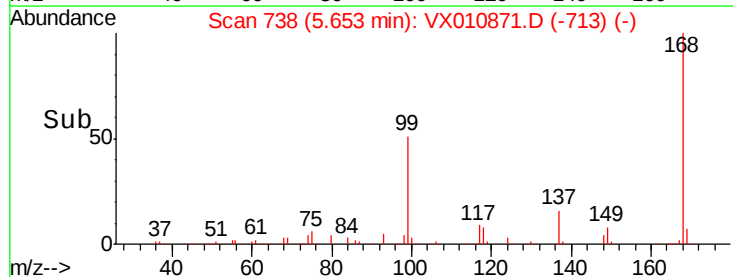
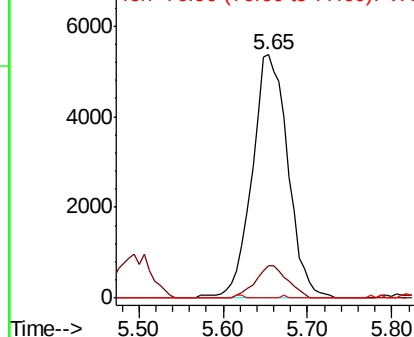


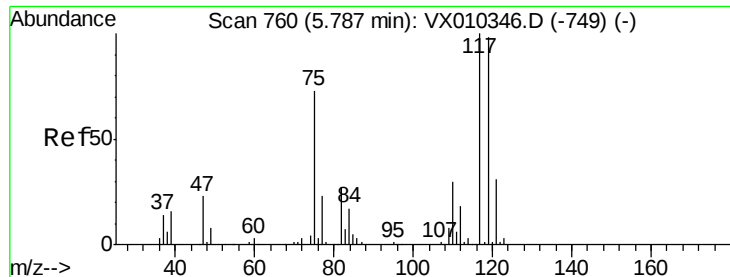
#36
 1,1-Dichloropropene
 Concen: 5.202 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010871.D
 Acq: 15 Jul 2019 09:52

Tgt Ion: 75 Resp: 15646
 Ion Ratio Lower Upper
 75 100
 110 12.0 20.8 62.2#
 77 0.1 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.746 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBL01

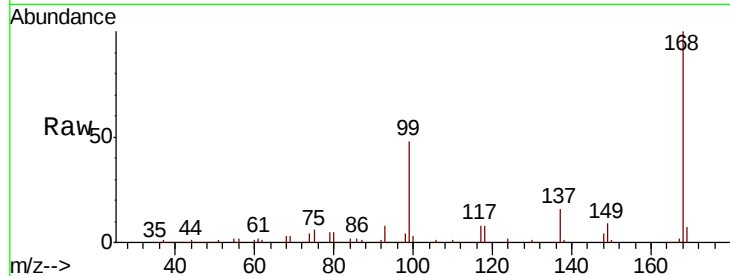
Tot Ion:117 Resp: 21970

Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.4#

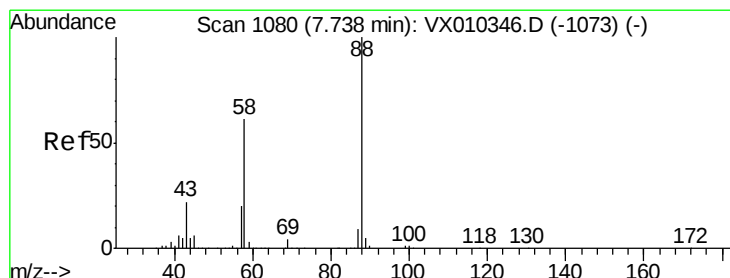
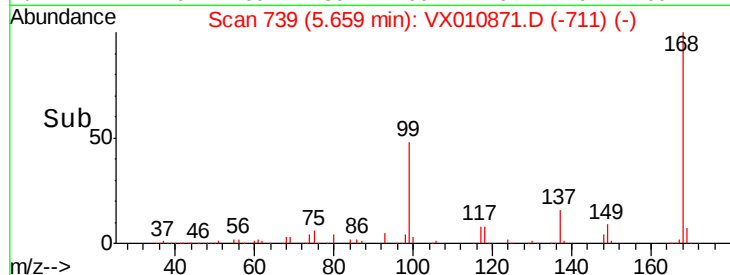
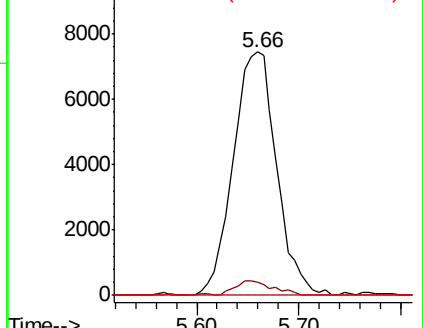
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 0.379 ug/l

RT: 7.62 min Scan# 1061

Delta R.T. -0.12 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

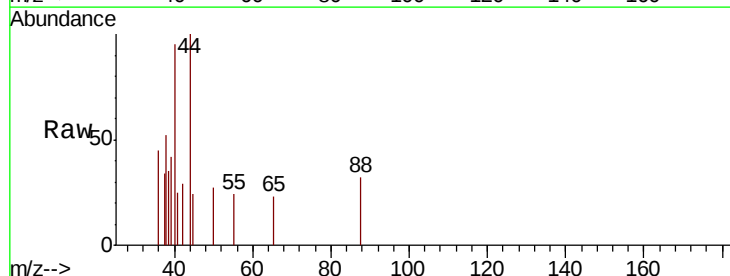
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 276.9 20.2 30.2#

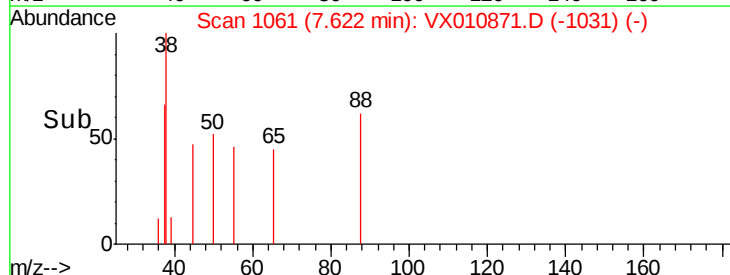
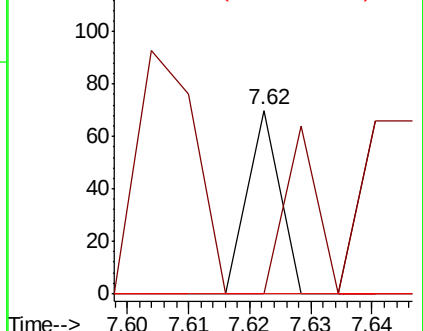
58 0.0 49.5 74.3#

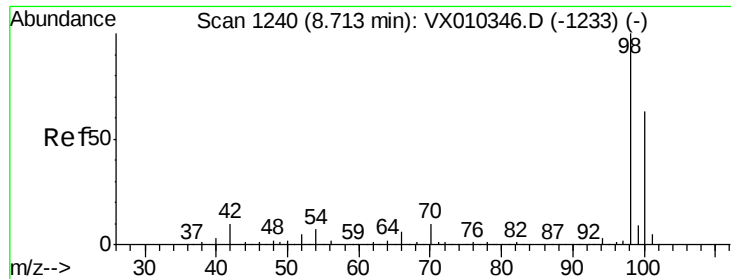


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

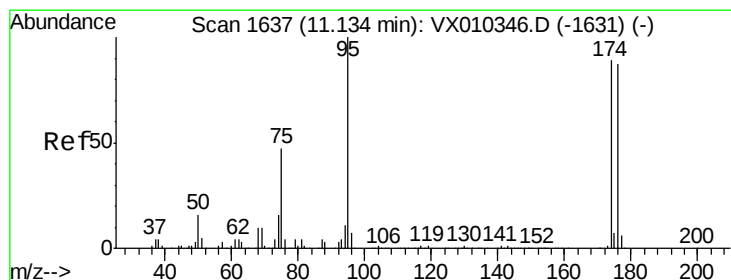
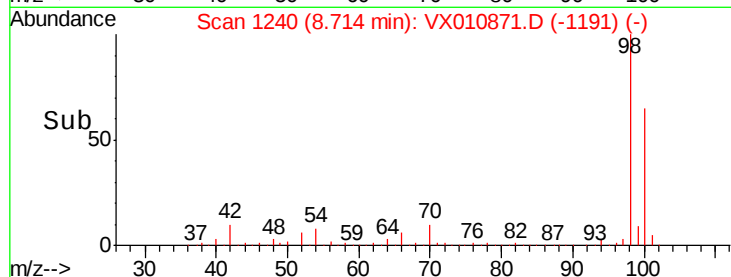
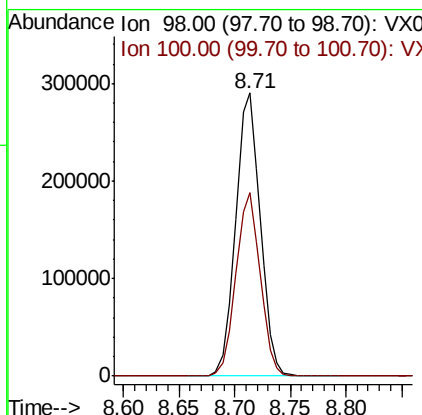
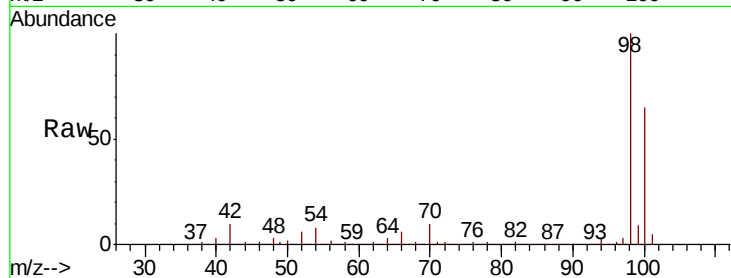




#50
Toluene-d8
Concen: 50.067 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010871.D
Acq: 15 Jul 2019 09:52

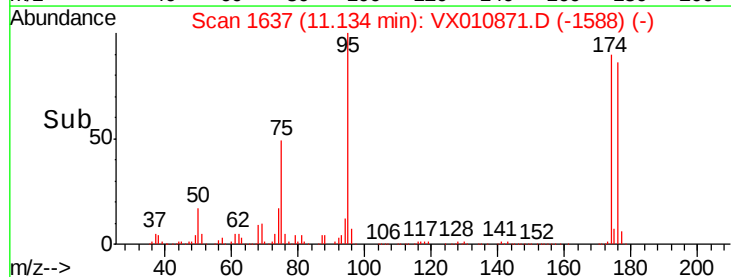
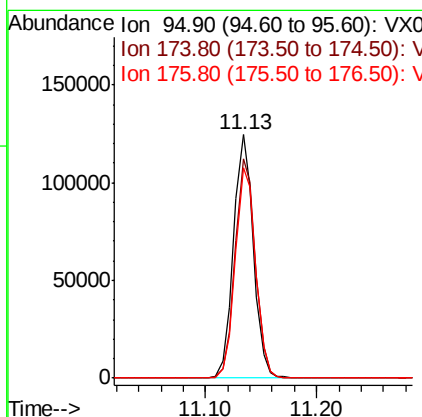
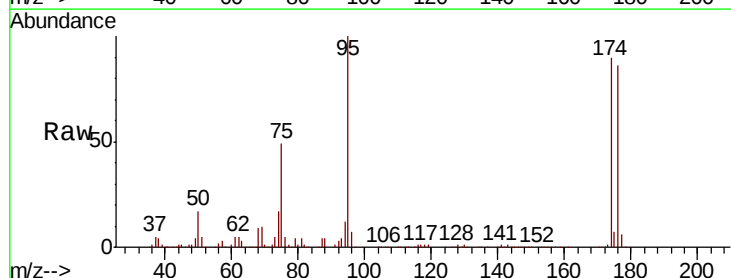
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

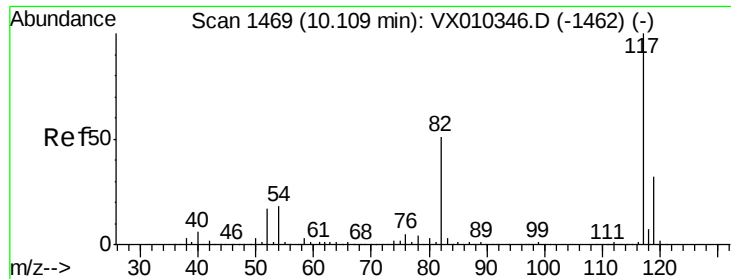
Tot Ion: 98 Resp: 443574
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.988 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010871.D
Acq: 15 Jul 2019 09:52

Tgt Ion: 95 Resp: 153495
Ion Ratio Lower Upper
95 100
174 91.9 0.0 187.6
176 88.7 0.0 184.0

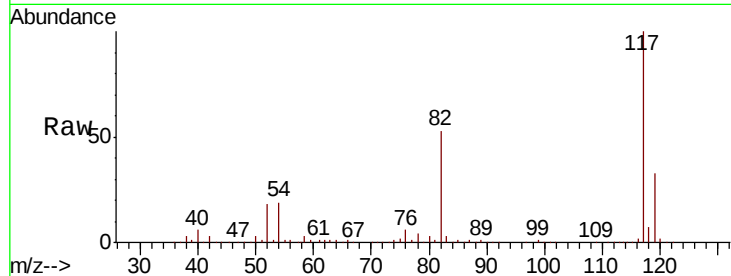




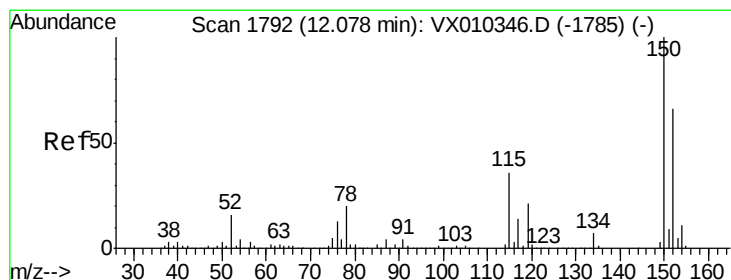
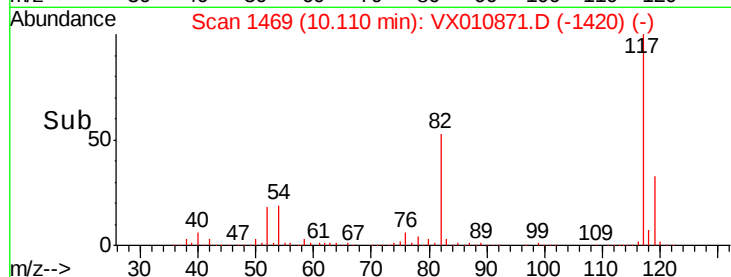
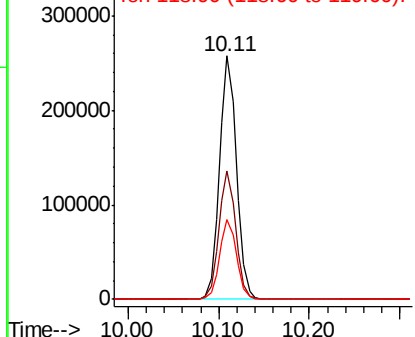
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010871.D
Acq: 15 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Tot Ion:117 Resp: 337948
Ion Ratio Lower Upper
117 100
82 52.7 41.2 61.8
119 32.7 25.5 38.3

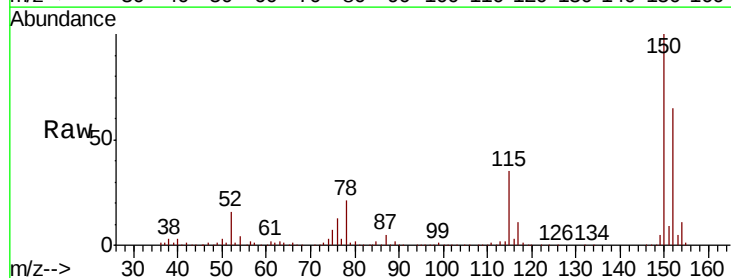


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

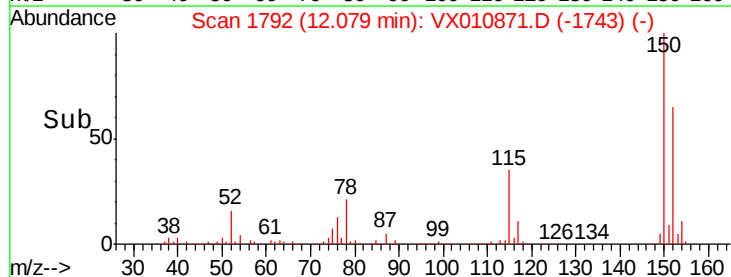
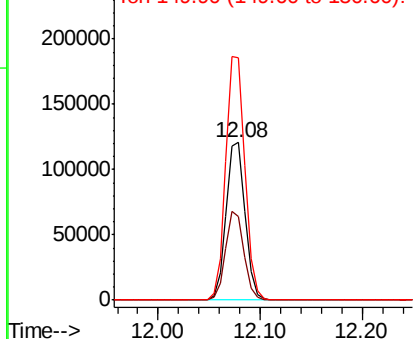


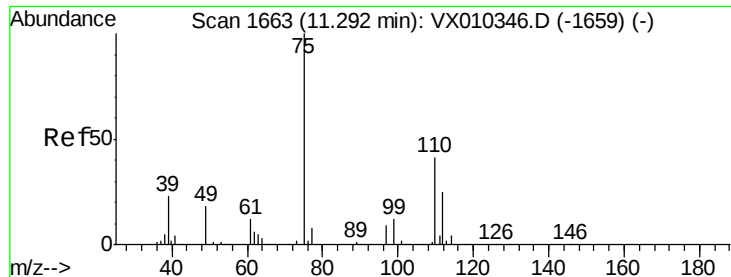
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010871.D
Acq: 15 Jul 2019 09:52

Tgt Ion:152 Resp: 155198
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 156.4 0.0 347.4



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: 26.953 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

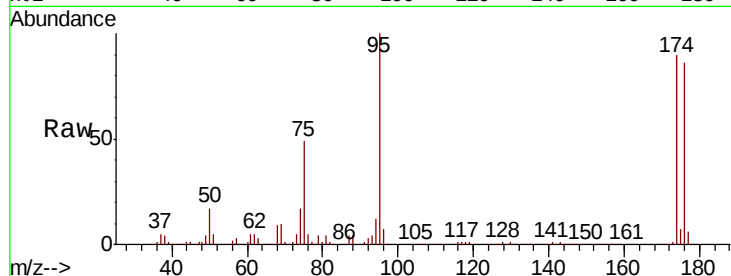
VX0715WBL01

Tot Ion: 75 Resp: 76227

Ion Ratio Lower Upper

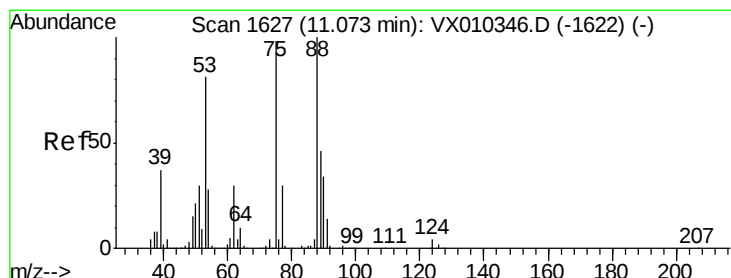
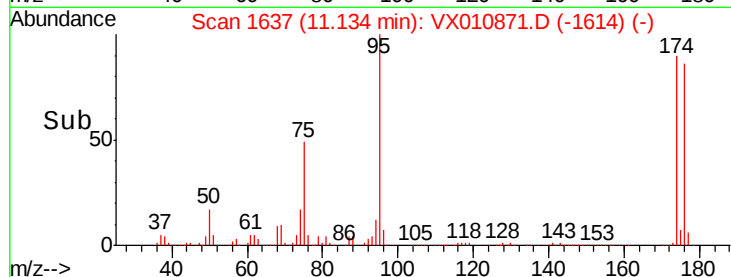
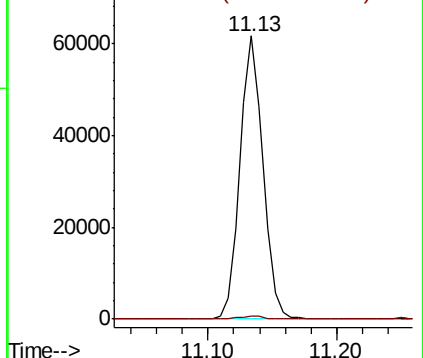
75 100

77 1.1 22.6 67.8#



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: 62.879 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010871.D

Acq: 15 Jul 2019 09:52

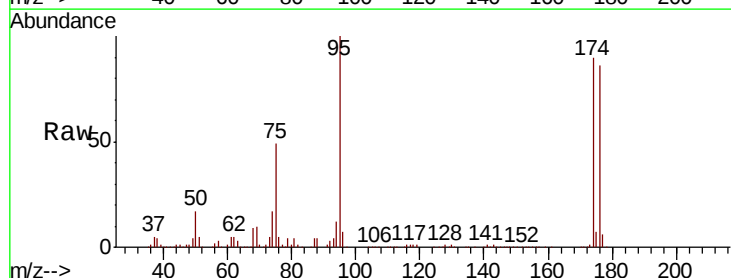
Tgt Ion: 75 Resp: 76227

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

89 0.1 37.8 56.6#



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

