

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010431.D
 Acq On : 25 Jun 2019 12:23
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 26 01:19:30 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	277238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	422694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161963	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	129933	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	129161	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	8.71	98	493837	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	161548	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

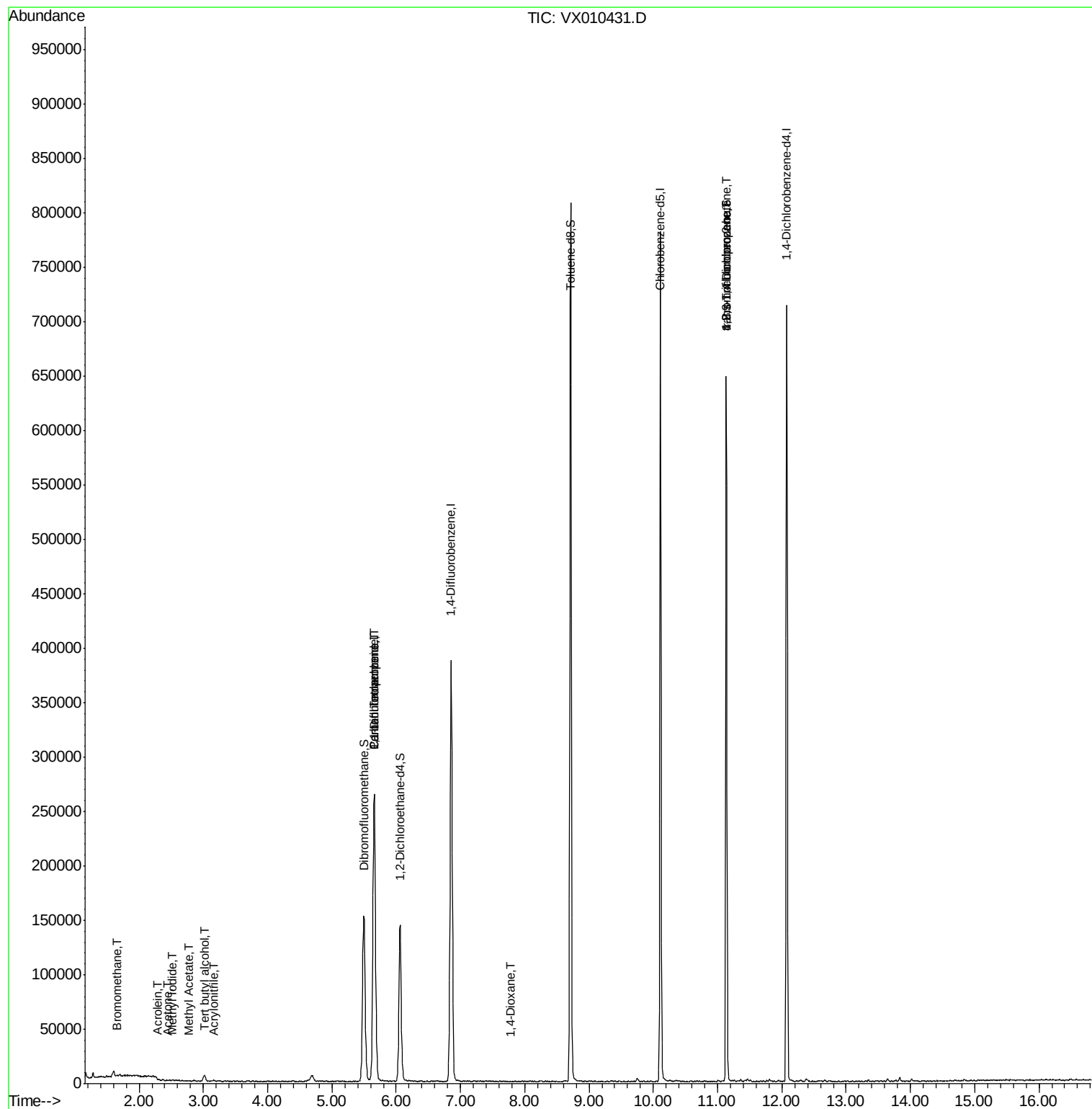
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	481	0.402	ug/l #	54
10) Methyl Iodide	2.52	142	995	0.295	ug/l #	73
11) Tert butyl alcohol	3.01	59	3267	4.803	ug/l #	90
13) Acrolein	2.29	56	316	0.700	ug/l #	14
15) Acrylonitrile	3.15	53	646	0.480	ug/l #	64
16) Acetone	2.45	43	408	0.313	ug/l #	36
18) Methyl Acetate	2.77	43	806	0.310	ug/l #	80
36) 1,1-Dichloropropene	5.65	75	17105	5.092	ug/l #	47
38) Carbon Tetrachloride	5.65	117	24178	6.647	ug/l #	15
49) 1,4-Dioxane	7.77	88	19	0.248	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	76165	25.806	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	76165	60.204	ug/l #	16

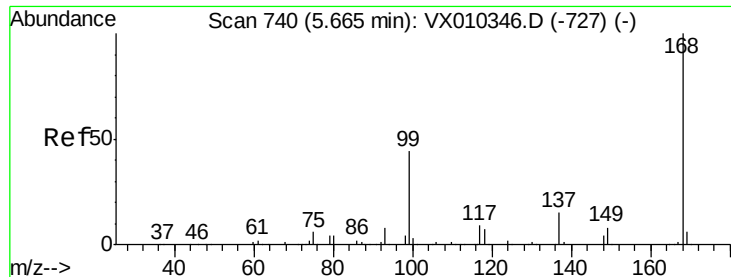
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062519\
Data File : VX010431.D
Acq On : 25 Jun 2019 12:23
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jun 26 01:19:30 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: VX010431.D

Acq: 25 Jun 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

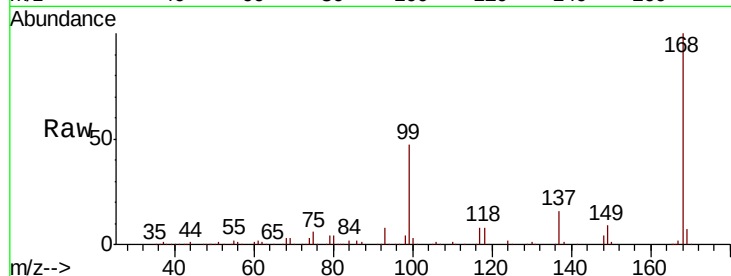
IBLK

Tot Ion:168 Resp: 277238

Ion Ratio Lower Upper

168 100

99 47.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.66

100000

80000

60000

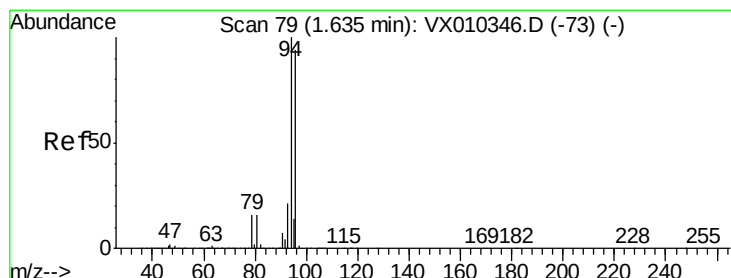
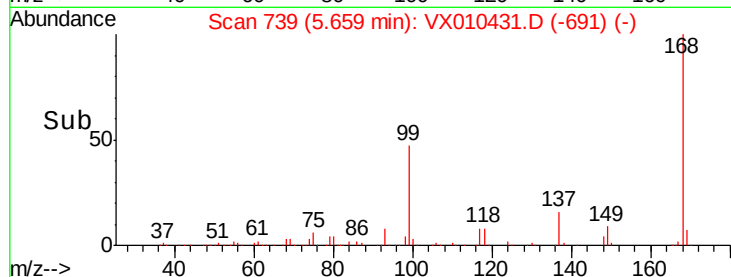
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#5

Bromomethane

Concen: 0.402 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010431.D

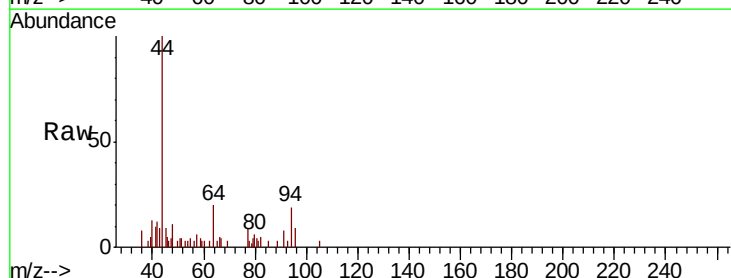
Acq: 25 Jun 2019 12:23

Tgt Ion: 94 Resp: 481

Ion Ratio Lower Upper

94 100

96 49.5 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX010346.D (-73) (-)

Ion 95.90 (95.60 to 96.60): VX010346.D (-73) (-)

1.65

400

300

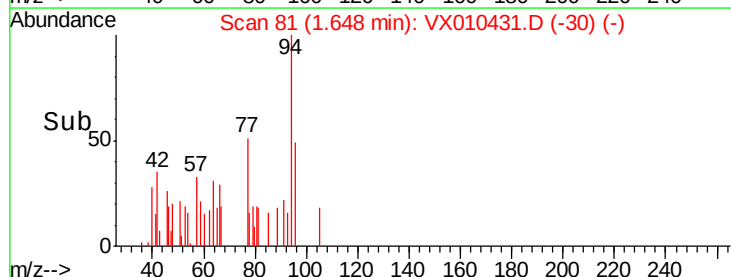
200

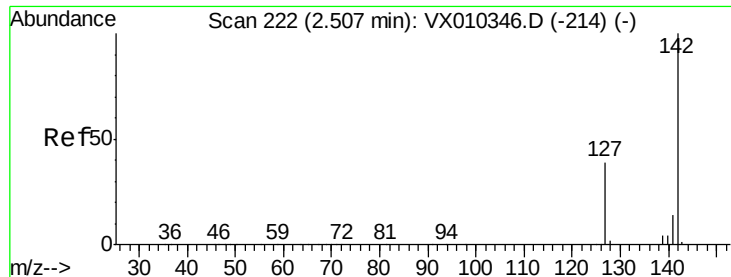
100

0

1.60 1.62 1.64 1.66

Time-->

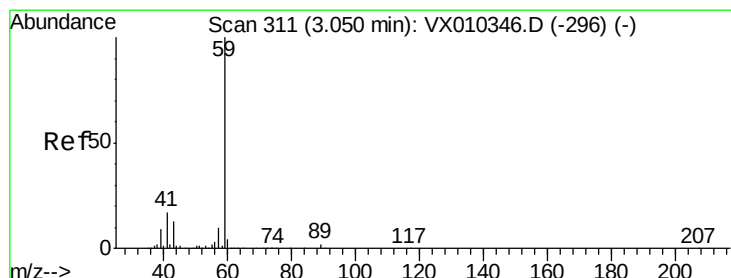
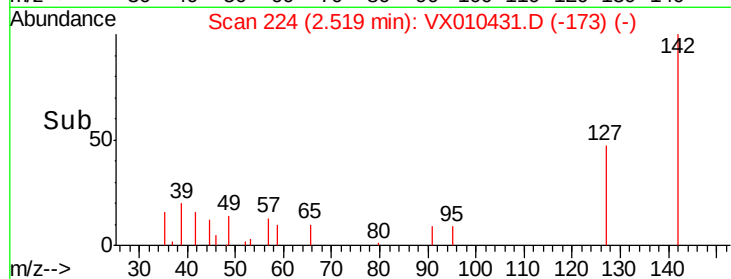
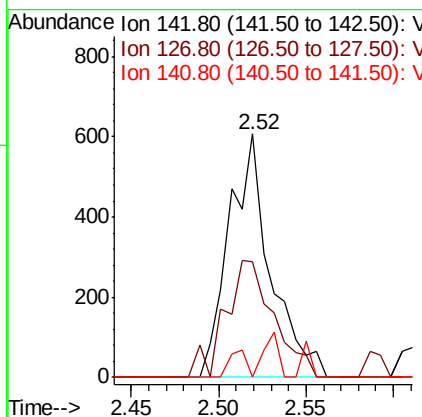
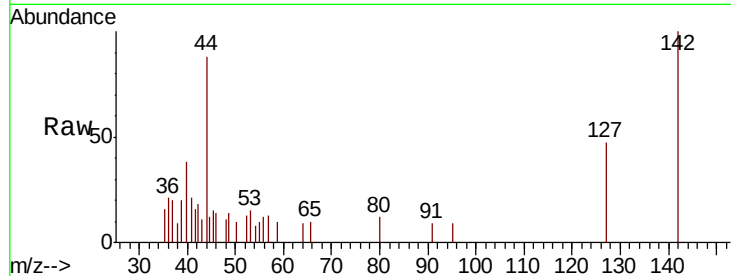




#10
Methvl Iodide
Concen: 0.295 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010431.D
Acq: 25 Jun 2019 12:23

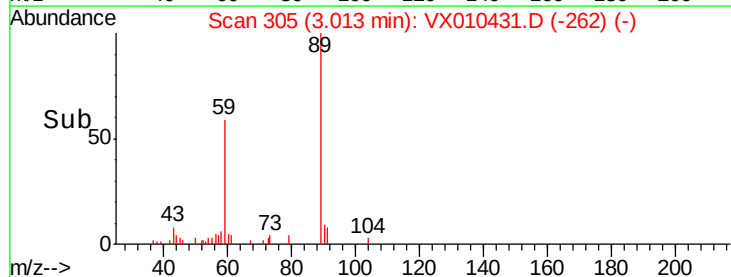
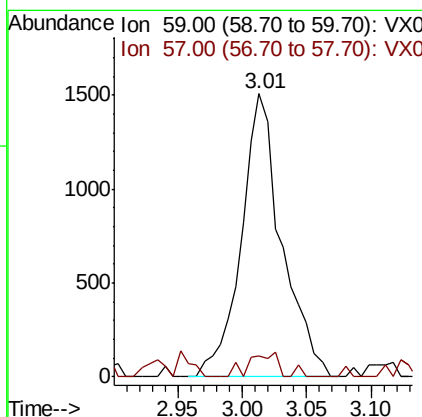
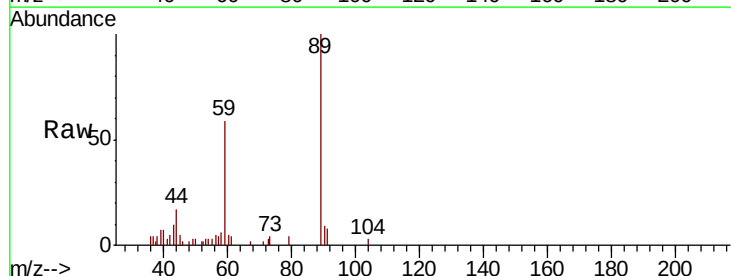
Instrument :
MSVOA_X
ClientSampleId :
IBLK

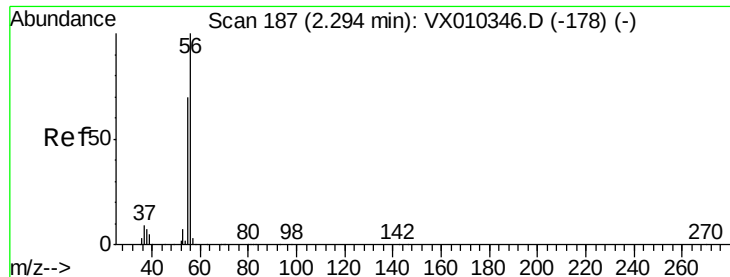
Tot Ion:142 Resp: 995
Ion Ratio Lower Upper
142 100
127 56.6 31.1 46.7#
141 4.7 11.2 16.8#



#11
Tert butyl alcohol
Concen: 4.803 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010431.D
Acq: 25 Jun 2019 12:23

Tgt Ion: 59 Resp: 3267
Ion Ratio Lower Upper
59 100
57 5.8 7.7 11.5#





#13

Acrolein

Concen: 0.700 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010431.D

Acq: 25 Jun 2019 12:23

Instrument :

MSVOA_X

ClientSampled :

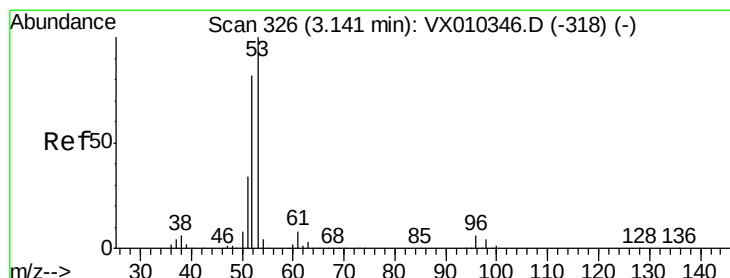
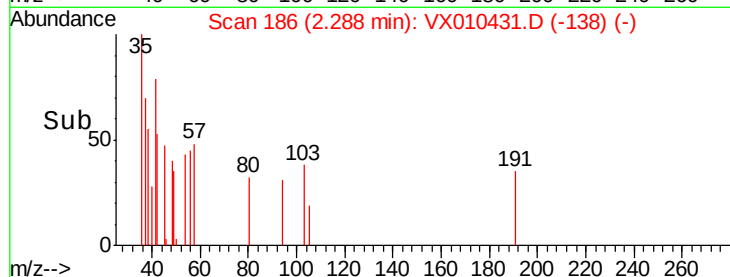
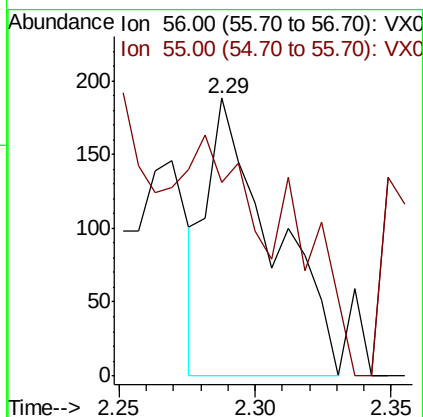
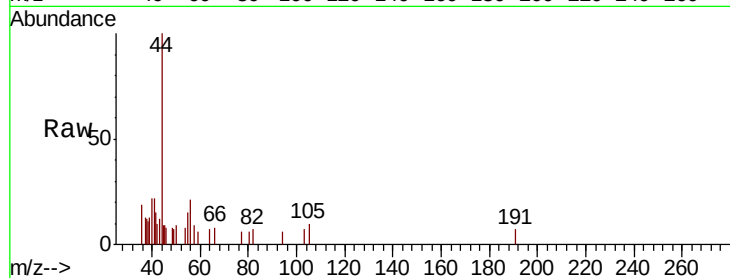
IBLK

Tot Ion: 56 Resp: 316

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.480 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX010431.D

Acq: 25 Jun 2019 12:23

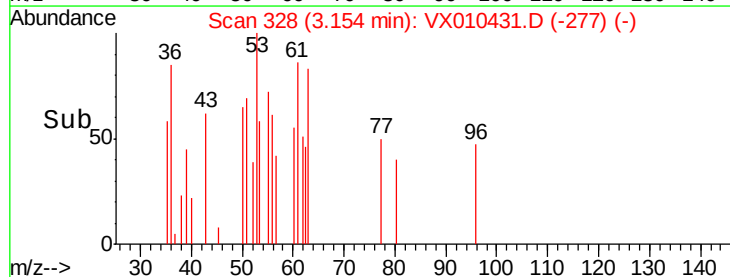
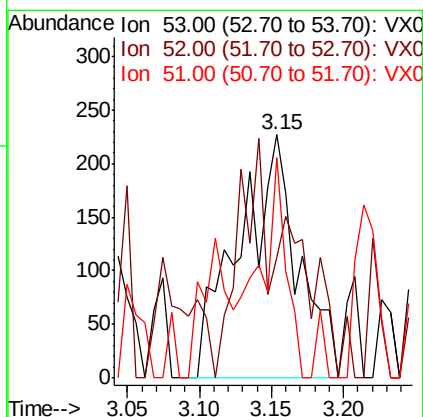
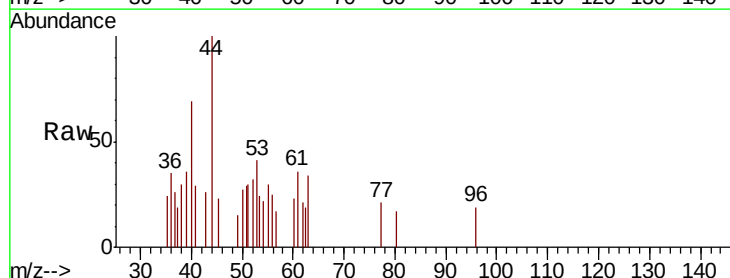
Tgt Ion: 53 Resp: 646

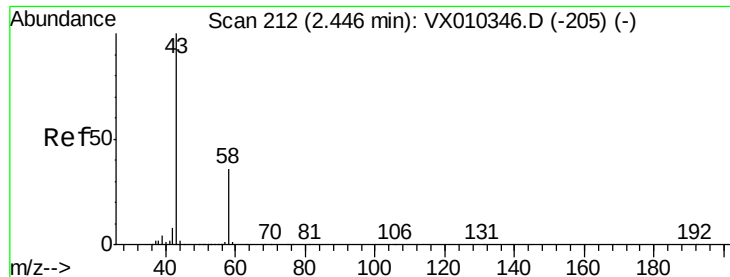
Ion Ratio Lower Upper

53 100

52 39.8 65.5 98.3#

51 40.9 28.2 42.4





#16

Acetone

Concen: 0.313 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010431.D

Acq: 25 Jun 2019 12:23

Instrument :

MSVOA_X

ClientSampled :

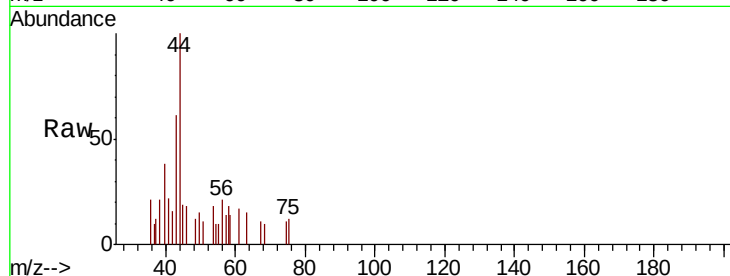
IBLK

Tot Ion: 43 Resp: 408

Ion Ratio Lower Upper

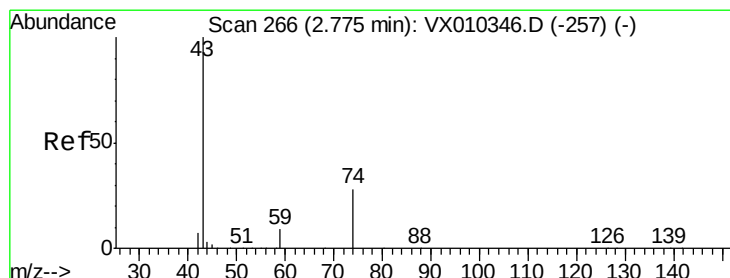
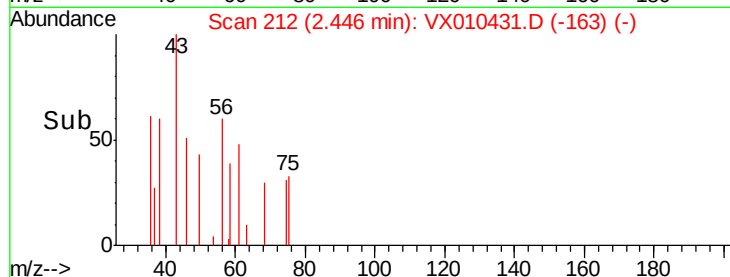
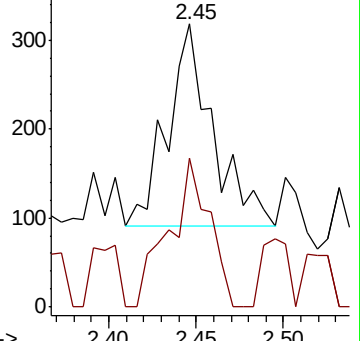
43 100

58 74.0 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.310 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010431.D

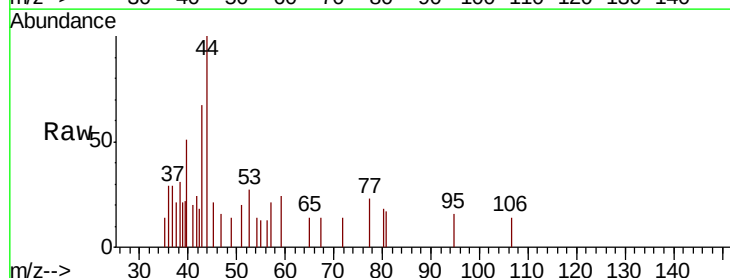
Acq: 25 Jun 2019 12:23

Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

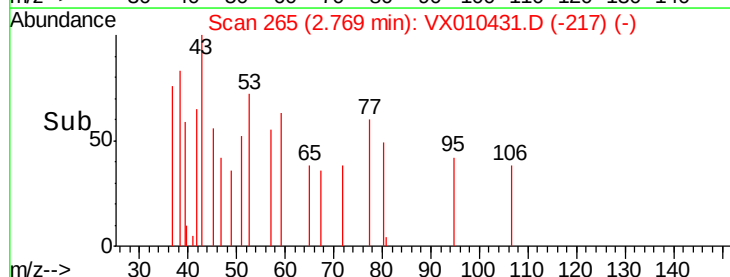
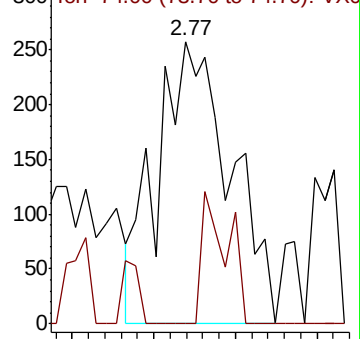
43 100

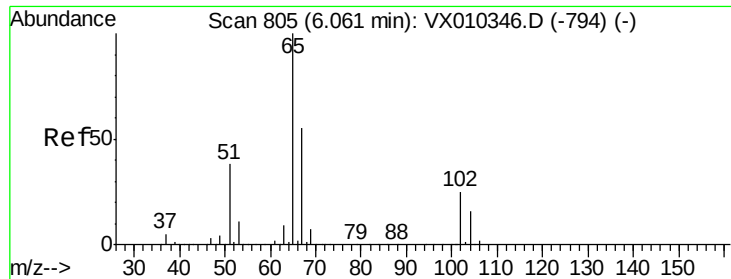
74 16.4 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

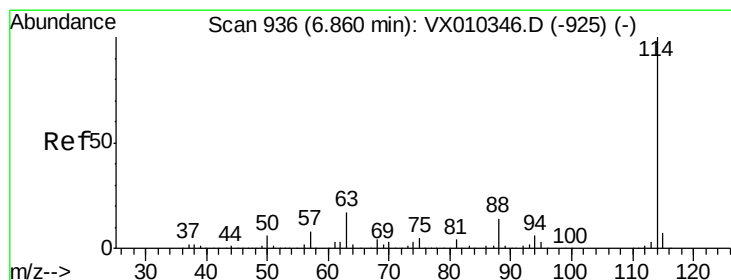
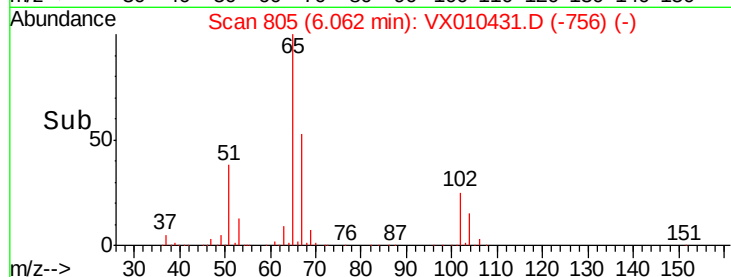
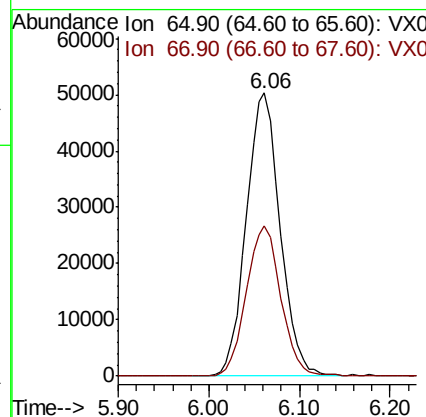
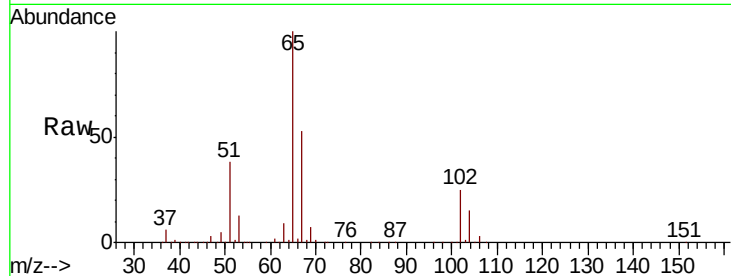




#33
 1,2-Dichloroethane-d4
 Concen: 49.986 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010431.D
 Acq: 25 Jun 2019 12:23

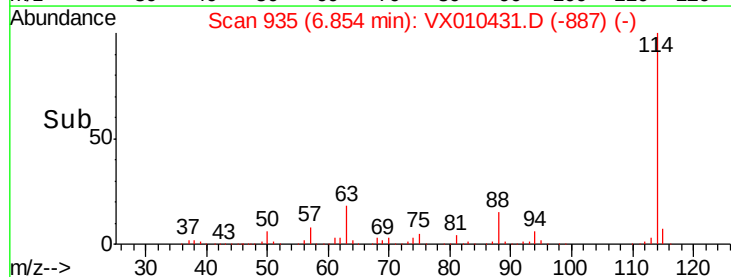
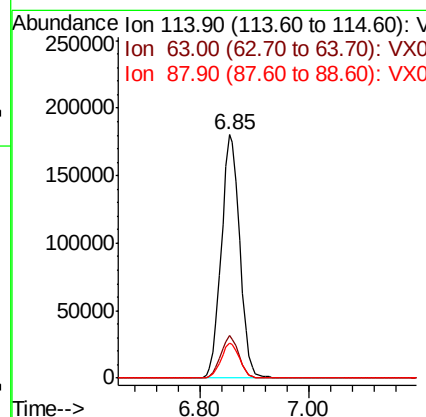
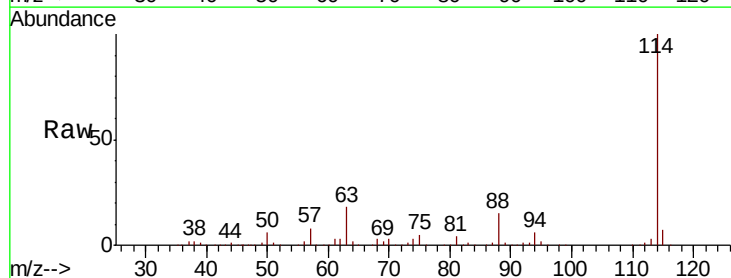
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

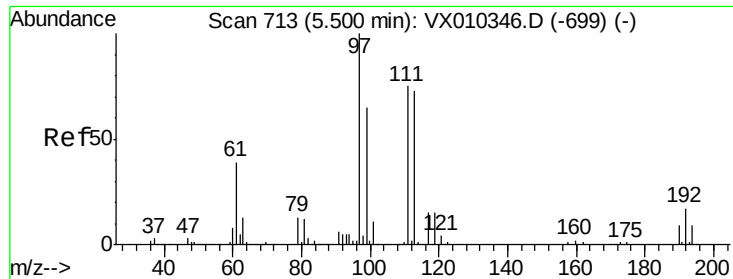
Tot Ion: 65 Resp: 129933
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX010431.D
 Acq: 25 Jun 2019 12:23

Tgt Ion: 114 Resp: 422694
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.6 0.0 27.6

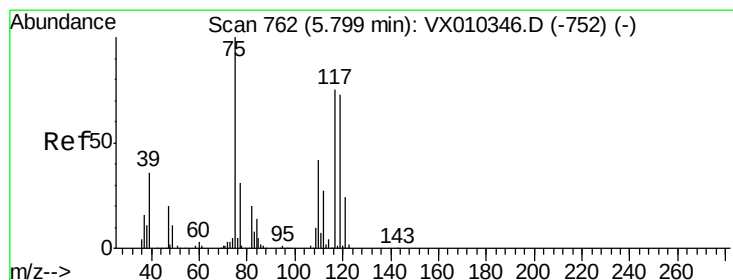
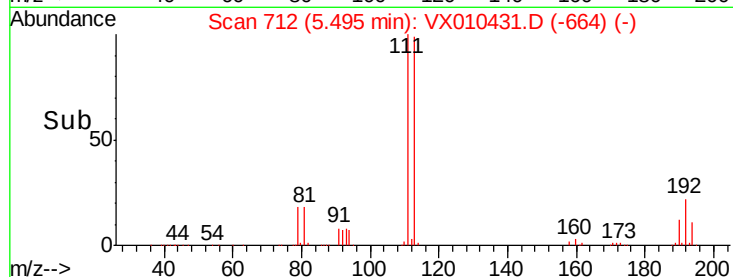
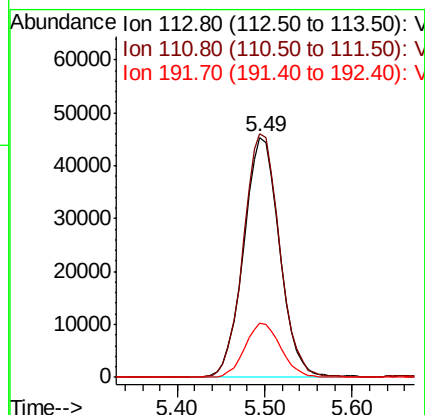
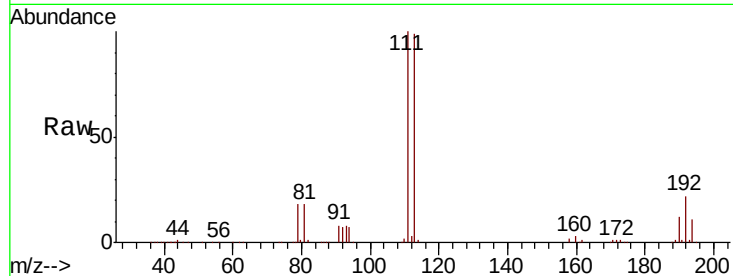




#35
 Dibromofluoromethane
 Concen: 49.942 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010431.D
 Acq: 25 Jun 2019 12:23

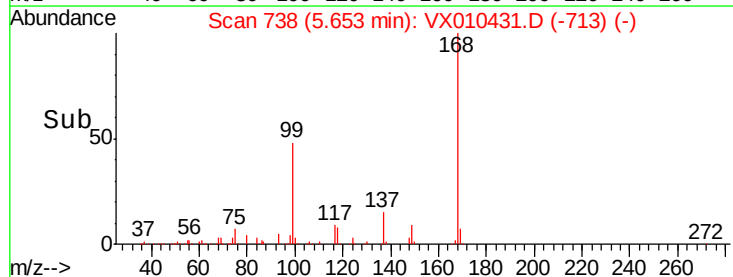
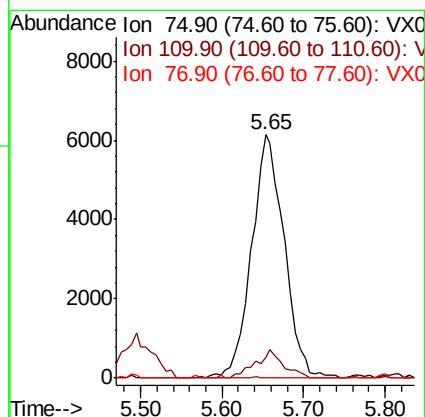
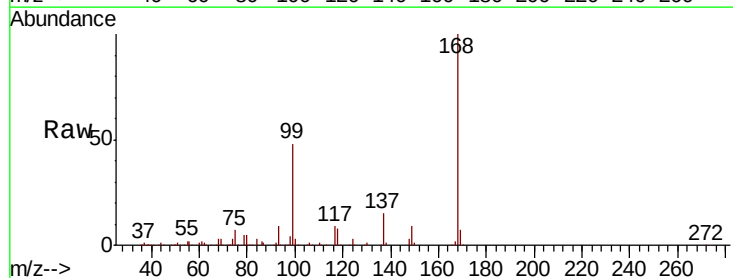
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

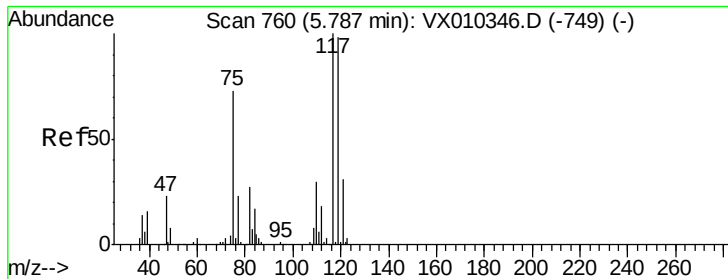
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	22.7	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 5.092 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010431.D
 Acq: 25 Jun 2019 12:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	20.8	62.2#
77	0.1	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 6.647 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX010431.D

Acq: 25 Jun 2019 12:23

Instrument :

MSVOA_X

ClientSampled :

IBLK

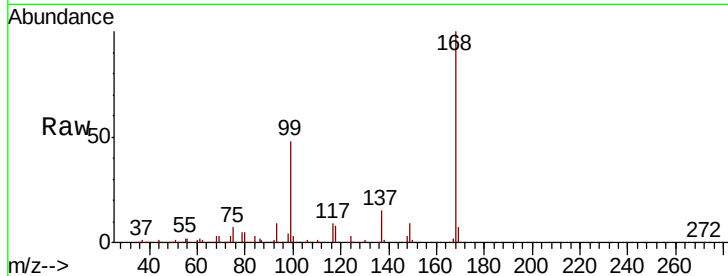
Tot Ion:117 Resp: 24178

Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.4#

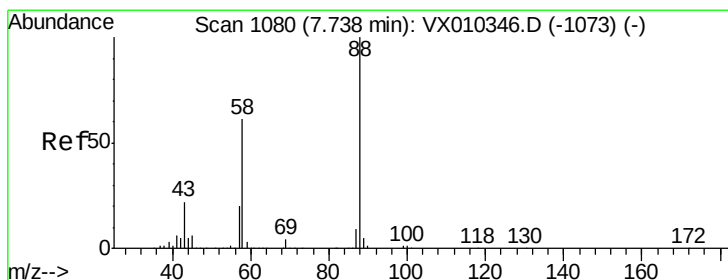
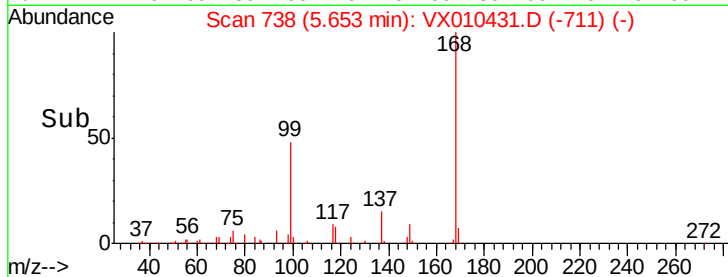
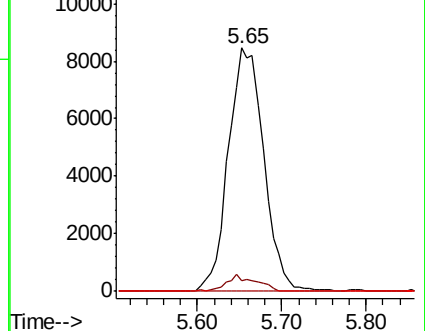
121 0.0 24.7 37.1#



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: 0.248 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.04 min

Lab File: VX010431.D

Acq: 25 Jun 2019 12:23

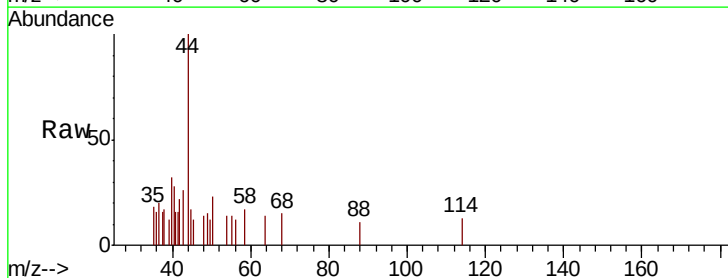
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 1289.5 20.2 30.2#

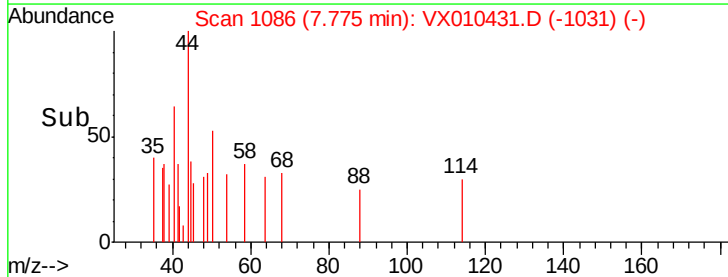
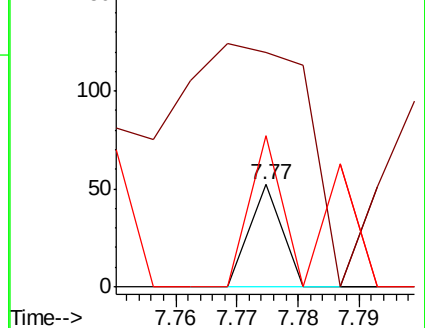
58 268.4 49.5 74.3#

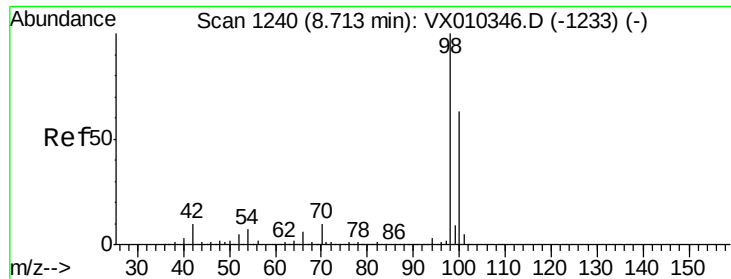


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

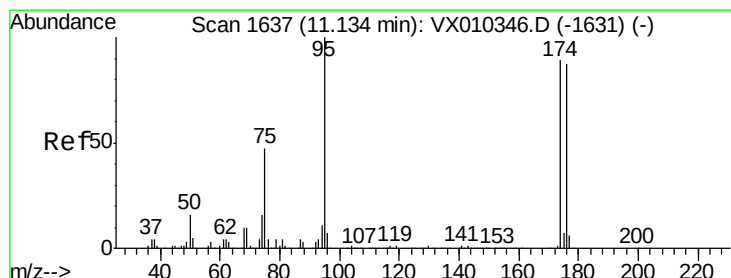
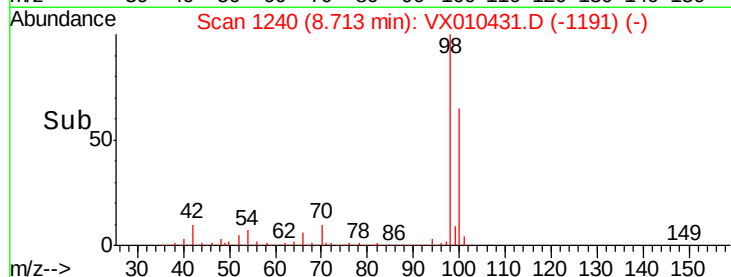
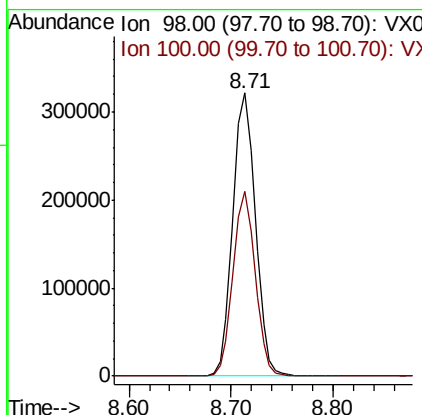
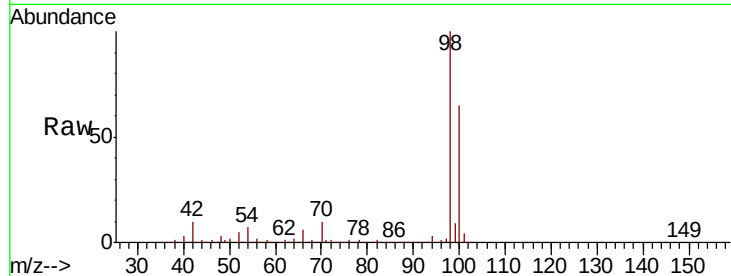




#50
Toluene-d8
Concen: 49.911 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010431.D
Acq: 25 Jun 2019 12:23

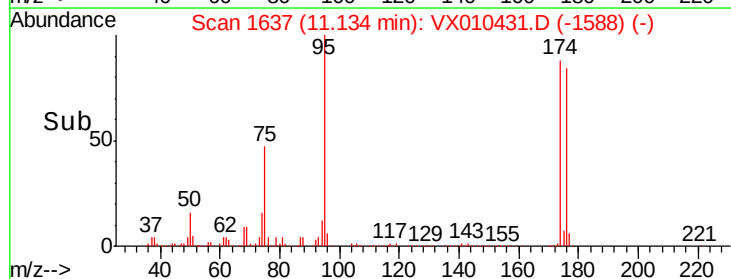
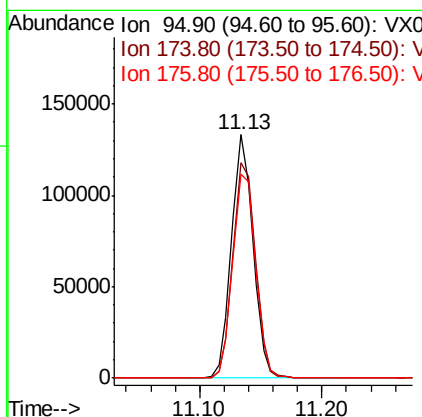
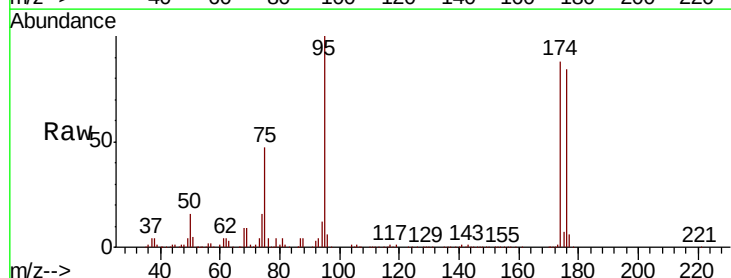
Instrument :
MSVOA_X
ClientSampleId :
IBLK

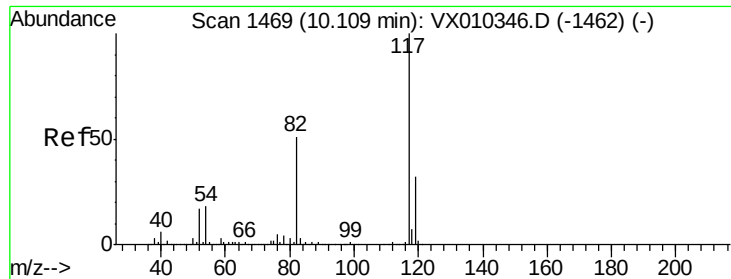
Tot Ion: 98 Resp: 493837
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.225 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010431.D
Acq: 25 Jun 2019 12:23

Tgt Ion: 95 Resp: 161548
Ion Ratio Lower Upper
95 100
174 93.1 0.0 187.6
176 90.0 0.0 184.0

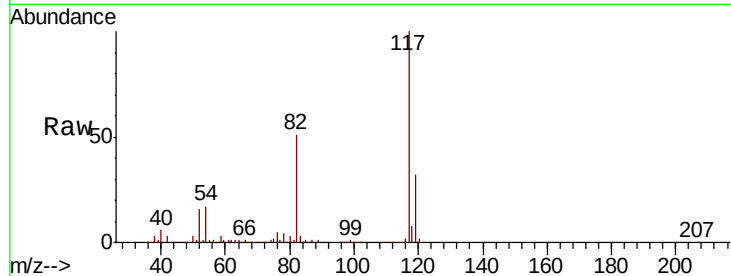




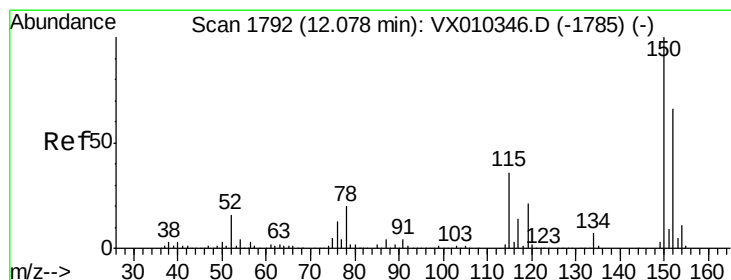
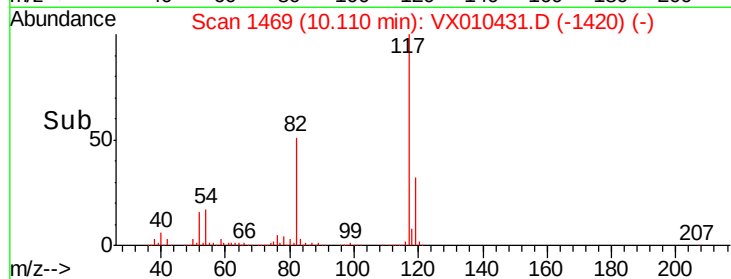
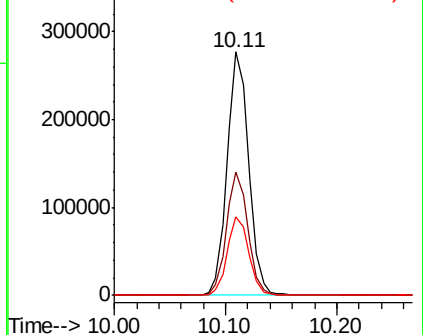
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010431.D
Acq: 25 Jun 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.2	61.8
119	32.3	25.5	38.3

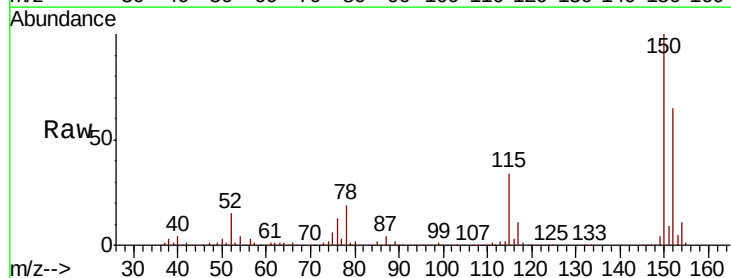


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

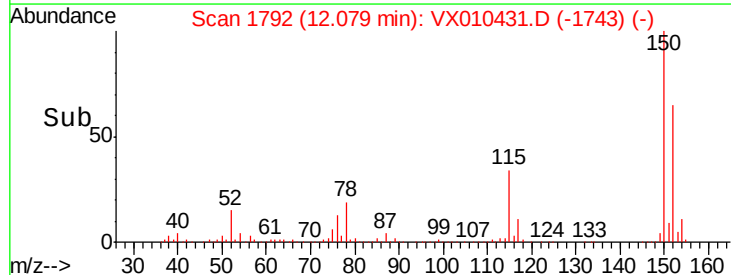
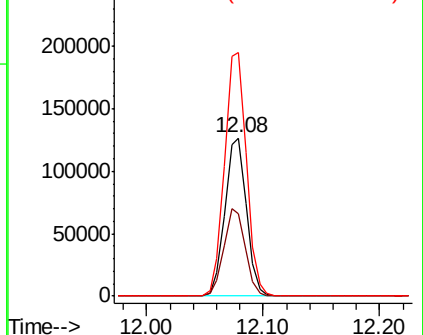


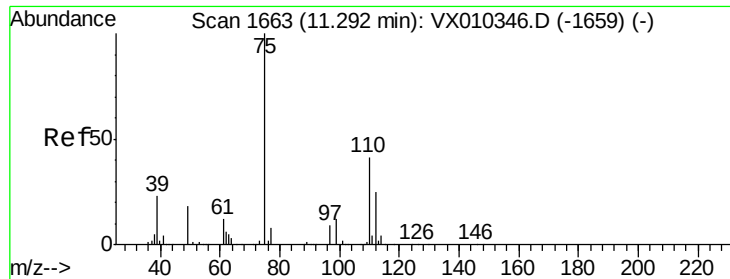
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010431.D
Acq: 25 Jun 2019 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	156.7	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

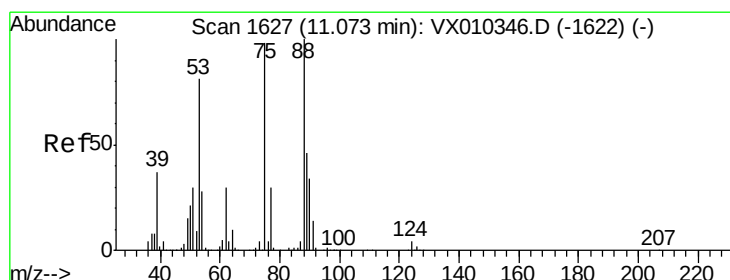
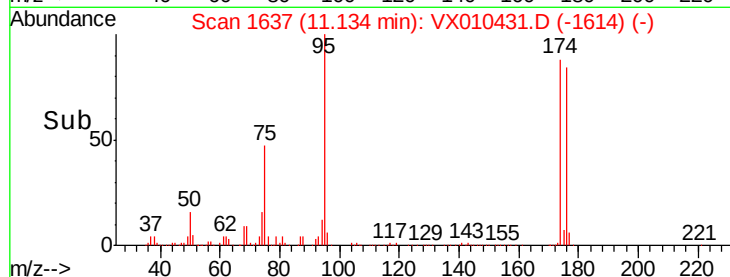
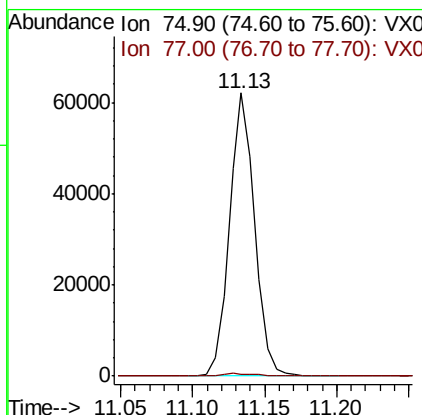
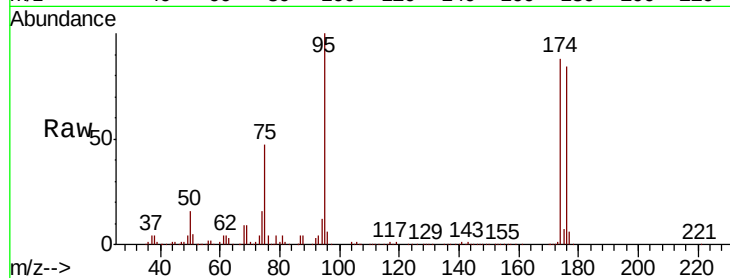




#76
 1,2,3-Trichloropropane
 Concen: 25.806 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010431.D
 Acq: 25 Jun 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion: 75 Resp: 76165
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.204 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010431.D
 Acq: 25 Jun 2019 12:23

Tgt Ion: 75 Resp: 76165
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.1 99.1#
 89 0.0 37.8 56.6#

