

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082020\
 Data File : VX018024.D
 Acq On : 20 Aug 2020 11:00
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 20 14:49:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	565928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	889902	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	821629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	400653	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	377772	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
35) Dibromofluoromethane	5.46	113	301110	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	
50) Toluene-d8	8.70	98	1054299	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	
62) 4-Bromofluorobenzene	11.12	95	385233	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	

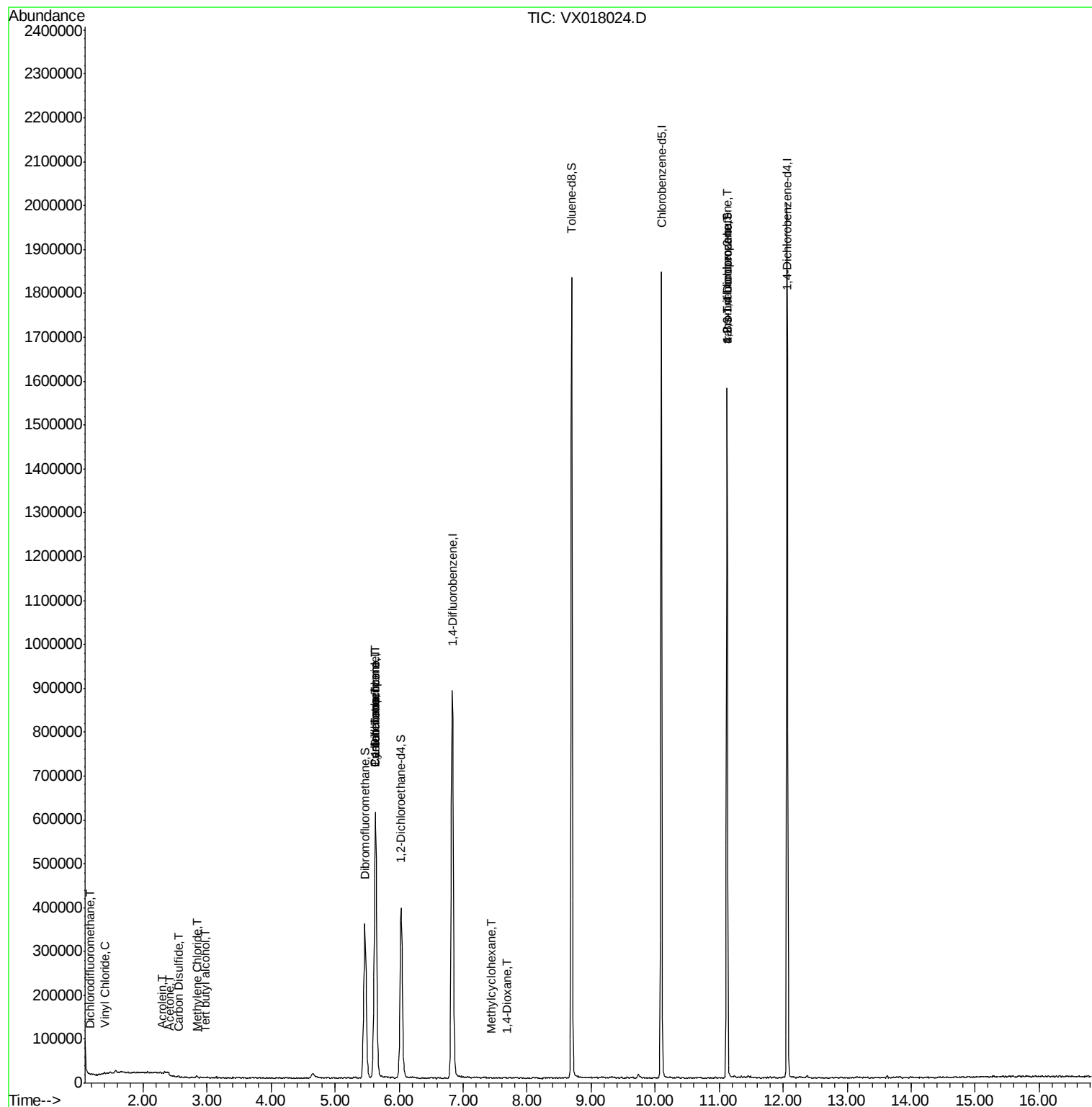
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.17	85	425	1.038	ug/l #	44
4) Vinyl Chloride	1.39	62	477	2.316	ug/l #	87
11) Tert butyl alcohol	2.98	59	554	0.346	ug/l #	1
13) Acrolein	2.29	56	1017	1.202	ug/l #	61
16) Acetone	2.42	43	2069	0.634	ug/l #	46
17) Carbon Disulfide	2.56	76	3590	0.290	ug/l #	71
20) Methylene Chloride	2.84	84	2179	0.362	ug/l #	67
31) Cyclohexane	5.63	56	10529	1.228	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	42089	5.651	ug/l #	51
38) Carbon Tetrachloride	5.63	117	56053	5.815	ug/l #	15
39) Methylcyclohexane	7.45	83	323	0.846	ug/l #	19
49) 1,4-Dioxane	7.69	88	256	1.753	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	195132	22.902	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	195132	60.165	ug/l #	12

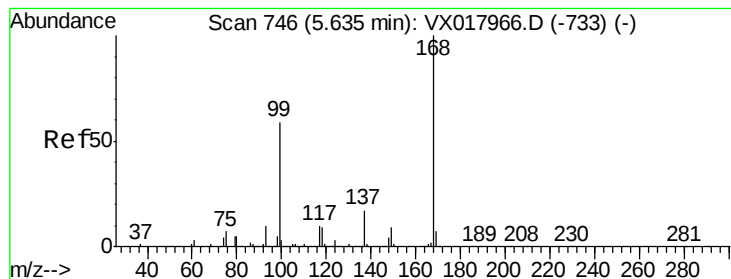
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082020\
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ClientSampled :
IBLK

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

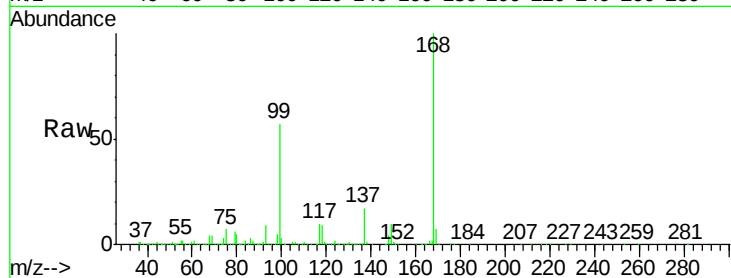
IBLK

Tgt Ion:168 Resp: 565928

Ion Ratio Lower Upper

168 100

99 57.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

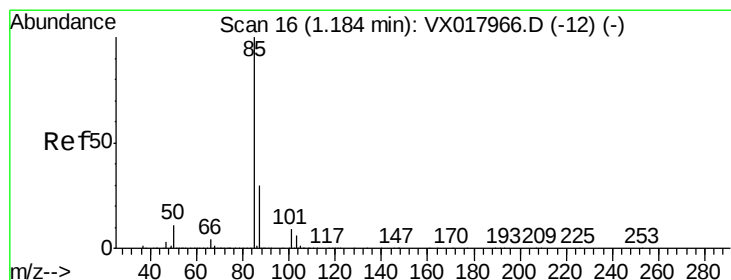
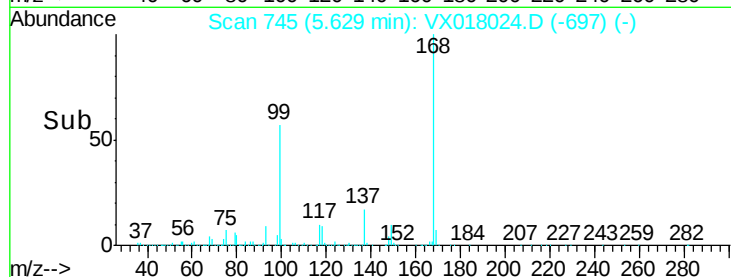
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.038 ug/l

RT: 1.17 min Scan# 14

Delta R.T. -0.01 min

Lab File: VX018024.D

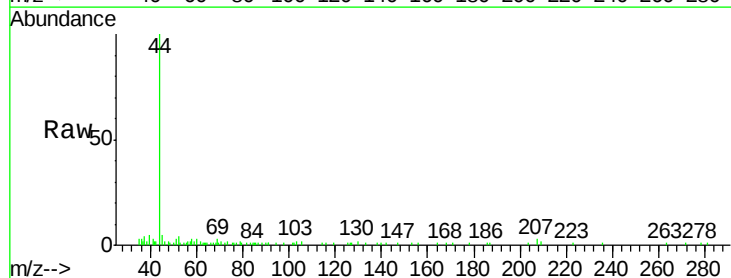
Acq: 20 Aug 2020 11:00

Tgt Ion: 85 Resp: 425

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.17

250

200

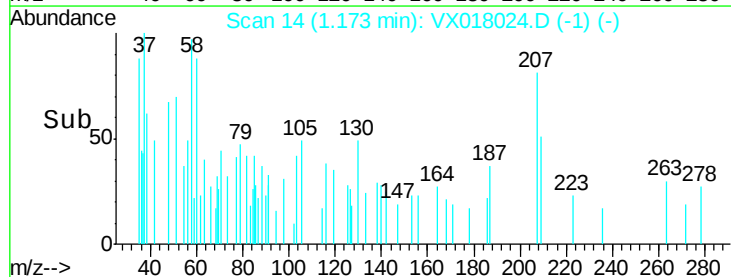
150

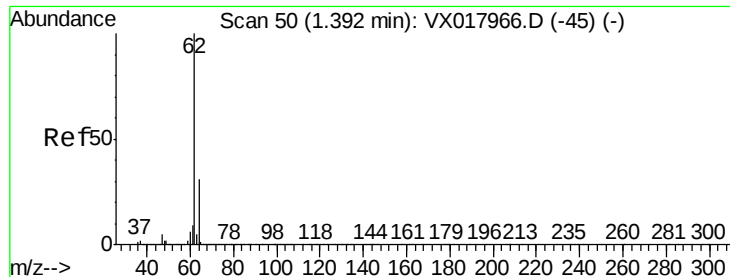
100

50

0

Time-->





#4

Vinyl Chloride

Concen: 2.316 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

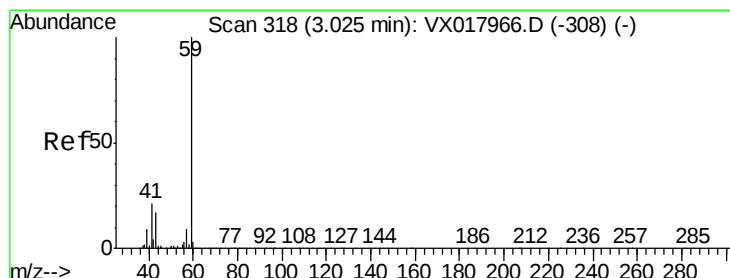
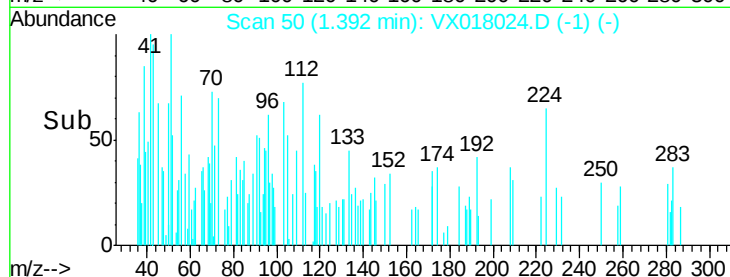
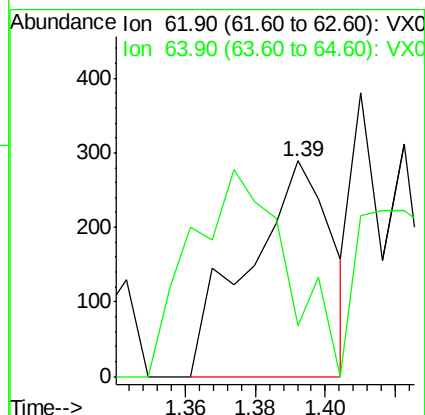
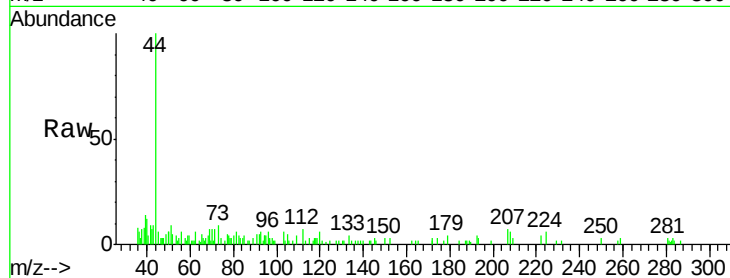
IBLK

Tgt Ion: 62 Resp: 477

Ion Ratio Lower Upper

62 100

64 23.5 24.7 37.1#



#11

Tert butyl alcohol

Concen: 0.346 ug/l

RT: 2.98 min Scan# 311

Delta R.T. -0.04 min

Lab File: VX018024.D

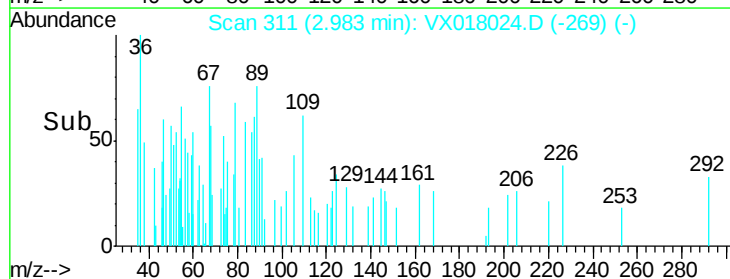
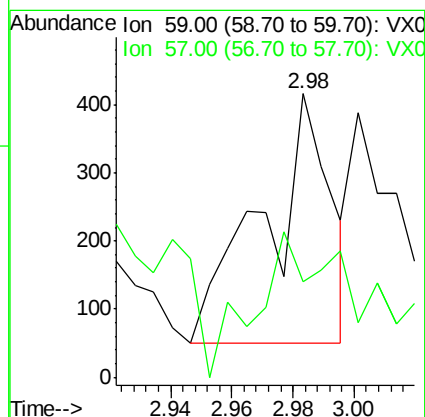
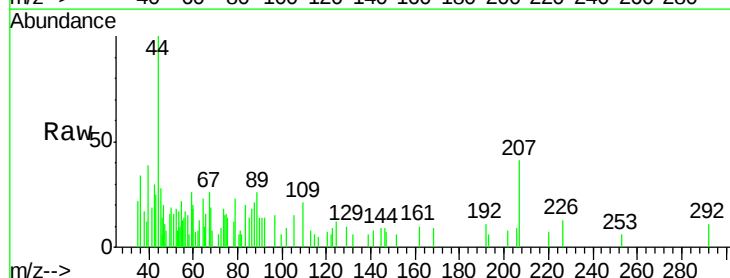
Acq: 20 Aug 2020 11:00

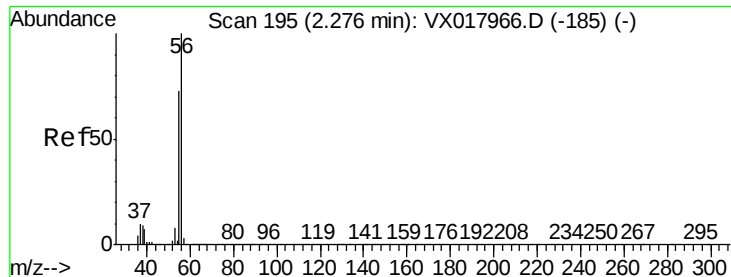
Tgt Ion: 59 Resp: 554

Ion Ratio Lower Upper

59 100

57 91.9 8.6 13.0#





#13

Acrolein

Concen: 1.202 ug/l

RT: 2.29 min Scan# 198

Delta R.T. 0.02 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

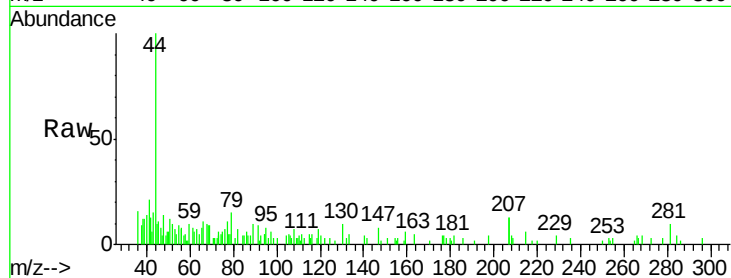
IBLK

Tgt Ion: 56 Resp: 1017

Ion Ratio Lower Upper

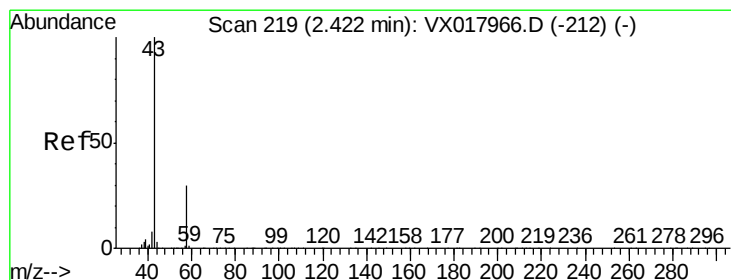
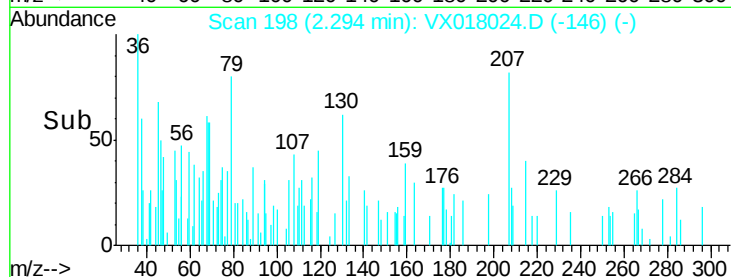
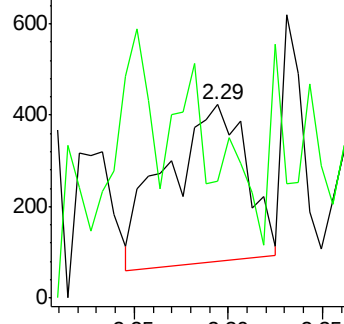
56 100

55 40.3 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.634 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018024.D

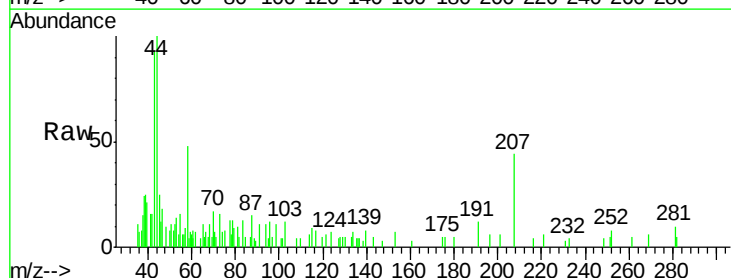
Acq: 20 Aug 2020 11:00

Tgt Ion: 43 Resp: 2069

Ion Ratio Lower Upper

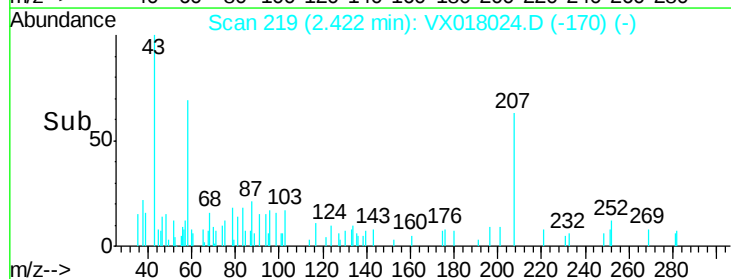
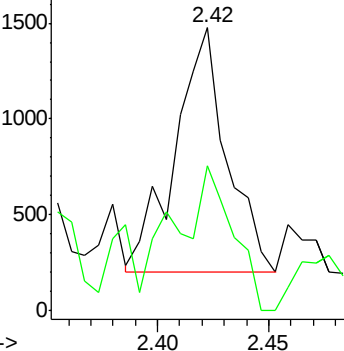
43 100

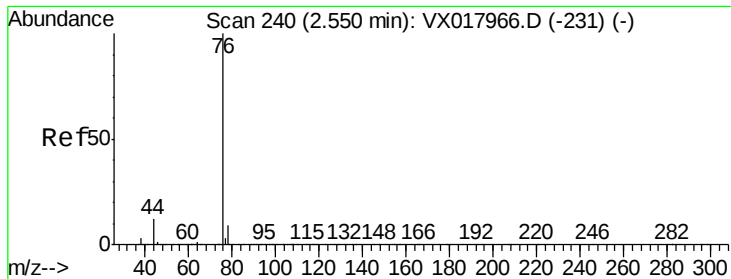
58 59.2 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.290 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

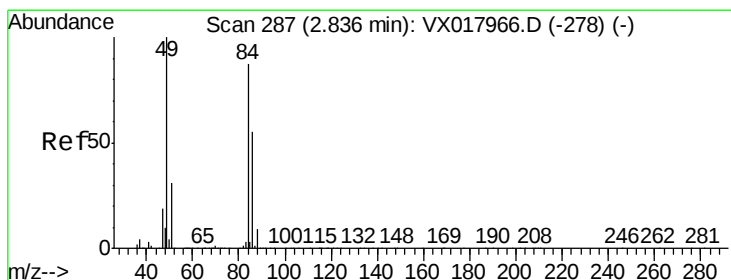
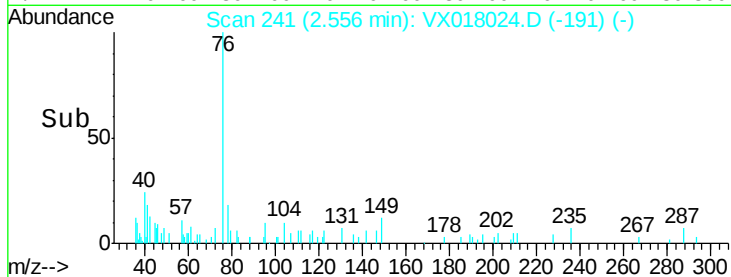
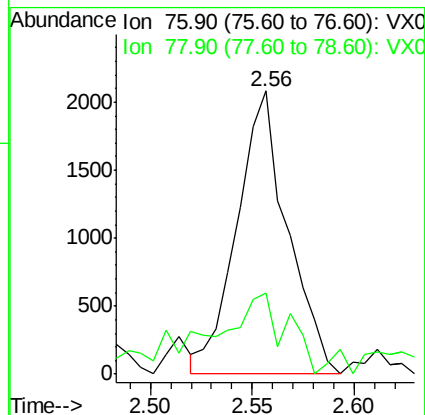
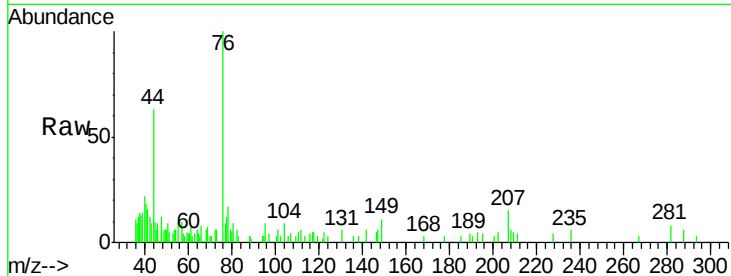
IBLK

Tgt Ion: 76 Resp: 3590

Ion Ratio Lower Upper

76 100

78 19.7 7.3 10.9#



#20

Methylene Chloride

Concen: 0.362 ug/l

RT: 2.84 min Scan# 288

Delta R.T. 0.01 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Tgt Ion: 84 Resp: 2179

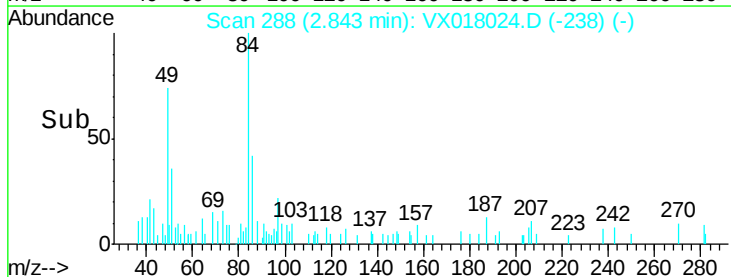
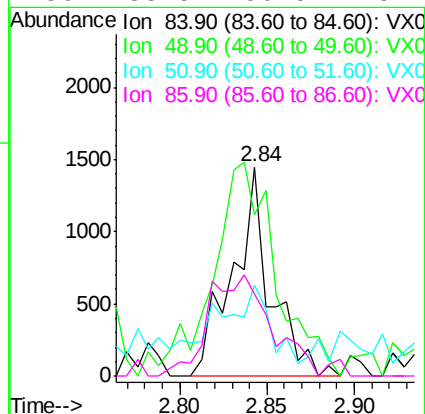
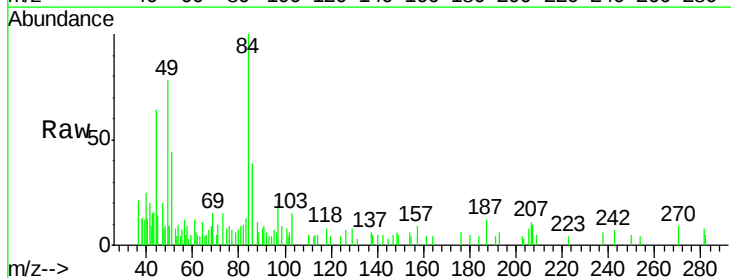
Ion Ratio Lower Upper

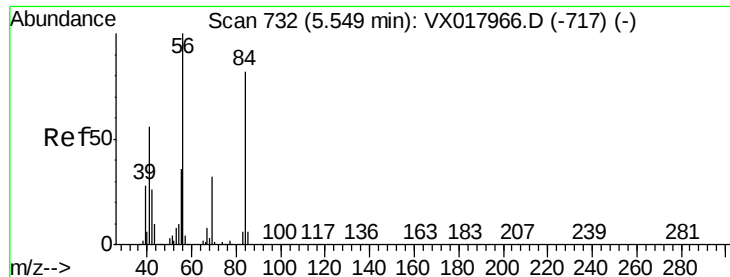
84 100

49 77.5 91.8 137.6#

51 22.4 27.8 41.8#

86 33.5 50.5 75.7#

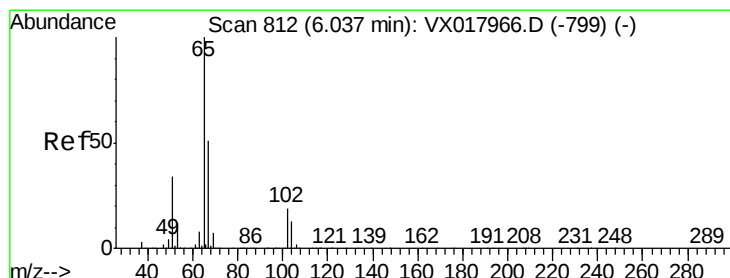
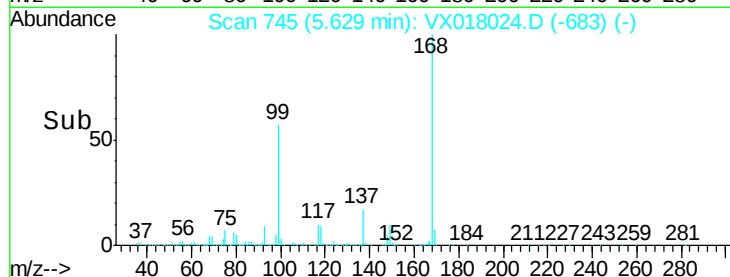
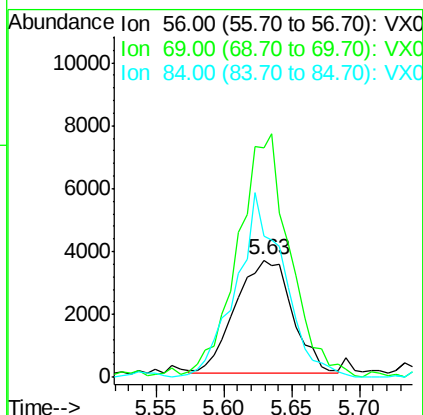
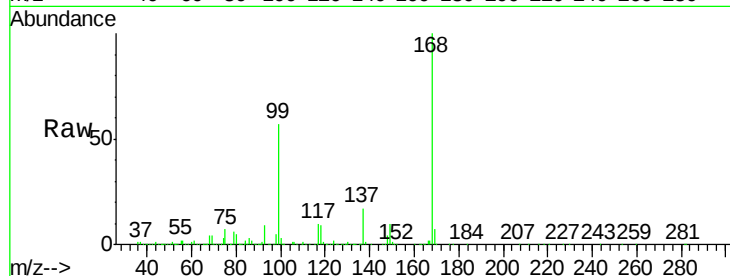




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX018024.D
Acq: 20 Aug 2020 11:00

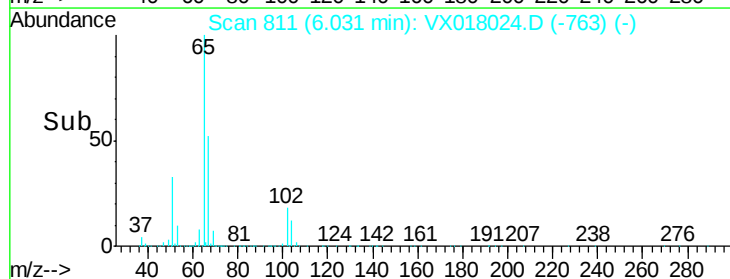
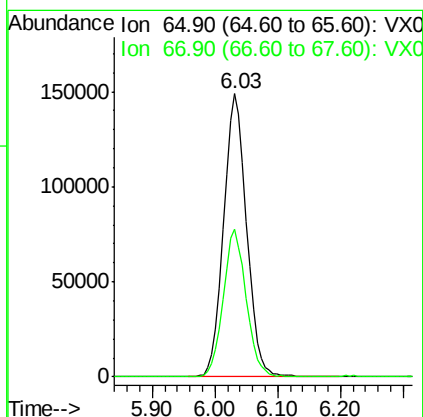
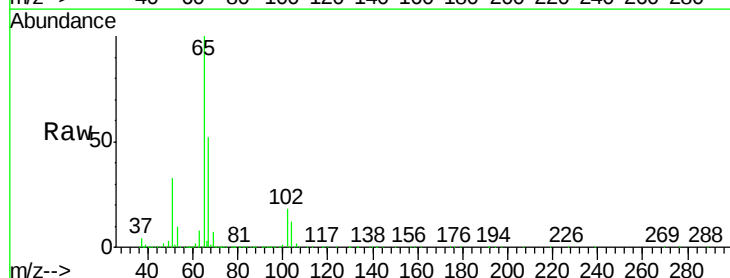
Instrument :
MSVOA_X
ClientSampled :
IBLK

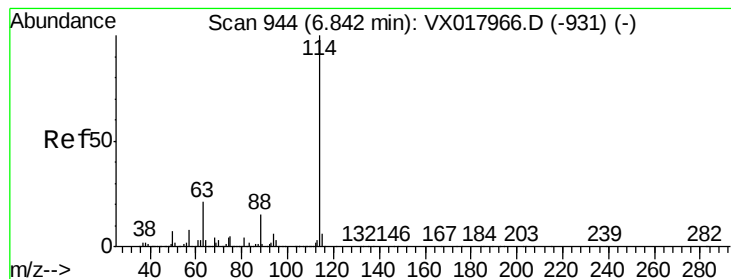
Tgt Ion: 56 Resp: 10529
Ion Ratio Lower Upper
56 100
69 203.3 25.3 37.9#
84 125.8 65.3 97.9#



#33
1,2-Dichloroethane-d4
Concen: 45.536 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.01 min
Lab File: VX018024.D
Acq: 20 Aug 2020 11:00

Tgt Ion: 65 Resp: 377772
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

IBLK

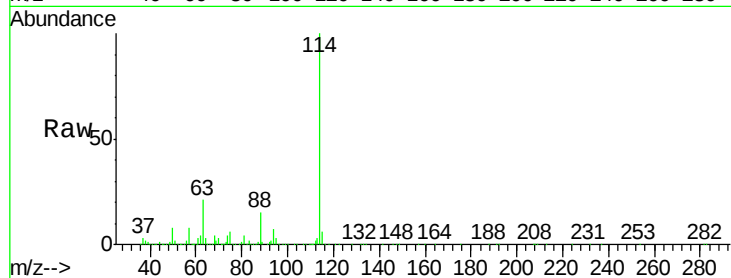
Tgt Ion:114 Resp: 889902

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

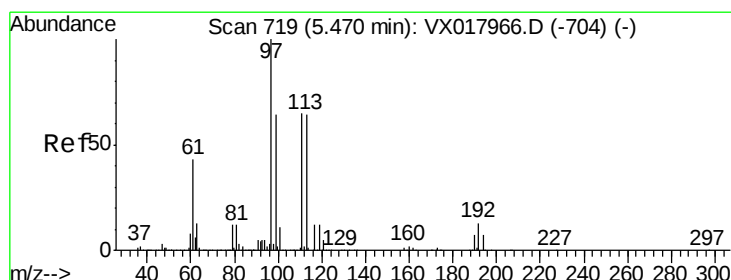
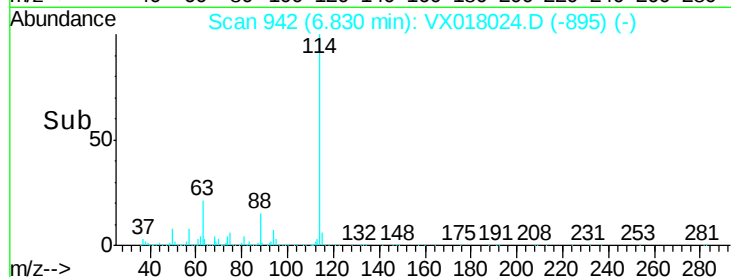
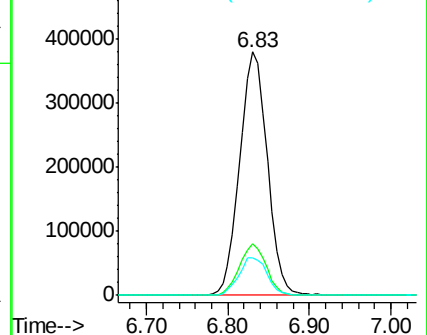
88 15.2 0.0 30.2



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: 45.437 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

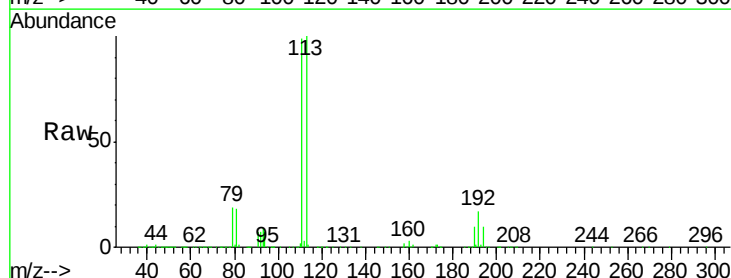
Tgt Ion:113 Resp: 301110

Ion Ratio Lower Upper

113 100

111 102.4 83.5 125.3

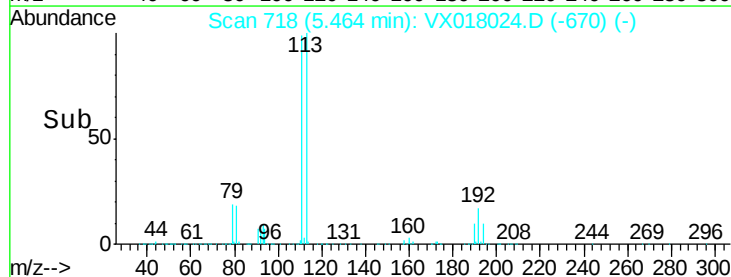
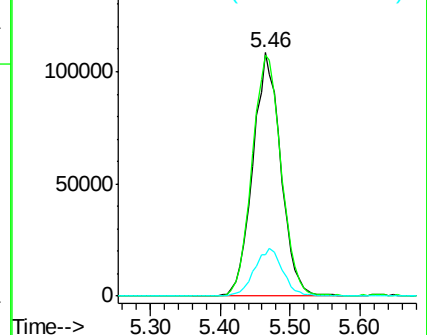
192 20.0 16.2 24.4

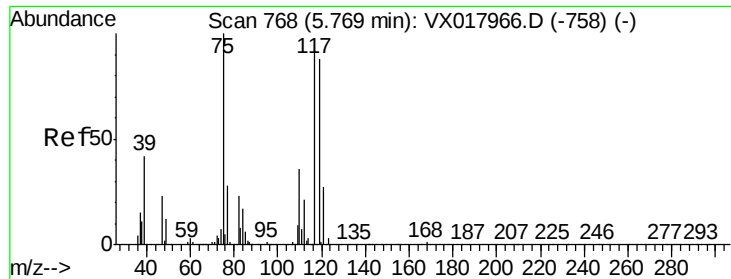


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

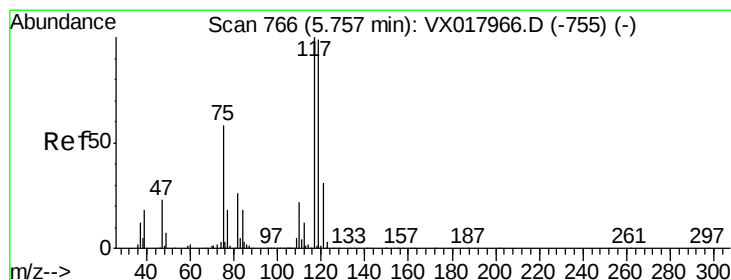
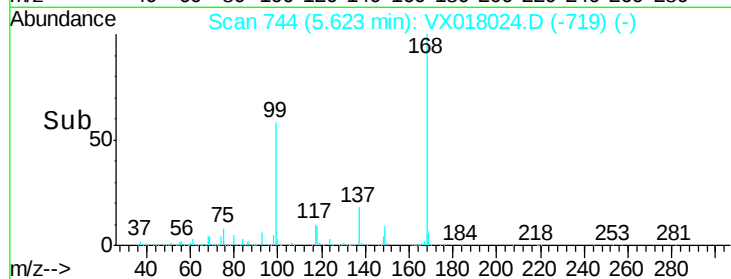
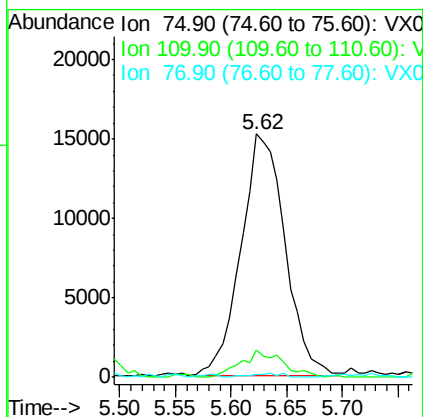
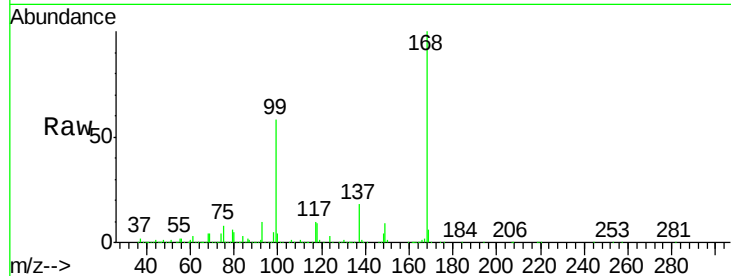




#36
 1,1-Dichloropropene
 Concen: 5.651 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX018024.D
 Acq: 20 Aug 2020 11:00

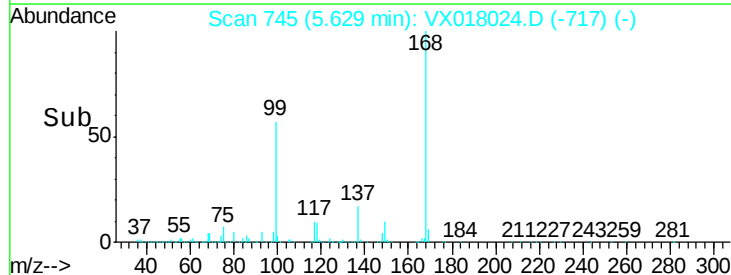
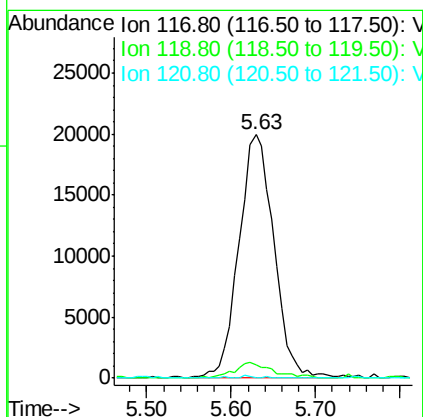
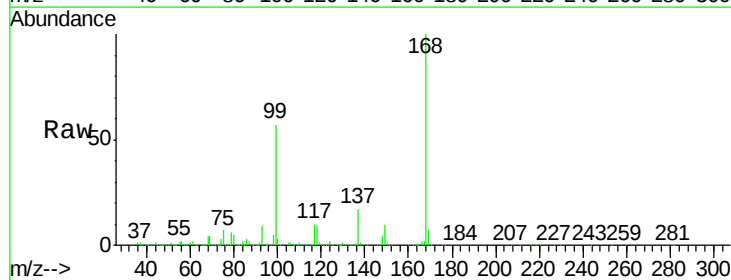
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

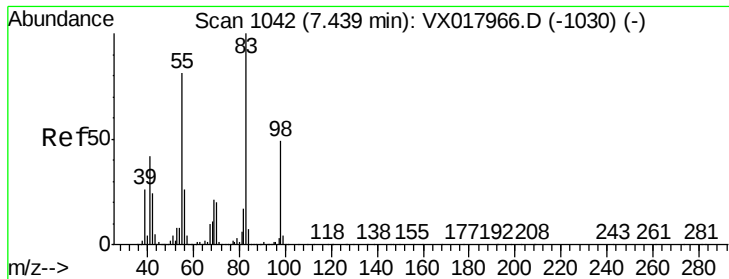
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.7	56.1#
77	1.1	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.815 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX018024.D
 Acq: 20 Aug 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	79.0	118.6#
121	0.3	24.7	37.1#





#39

Methylcyclohexane

Concen: 0.846 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

IBLK

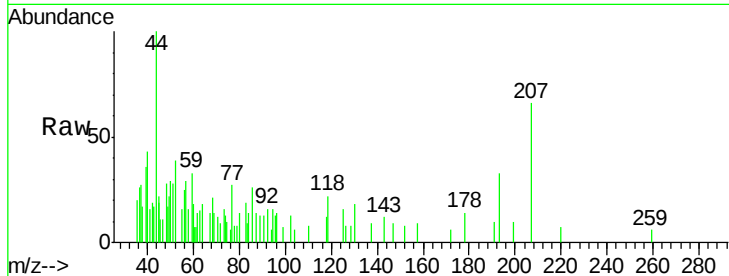
Tgt Ion: 83 Resp: 323

Ion Ratio Lower Upper

83 100

55 4.4 64.5 96.7#

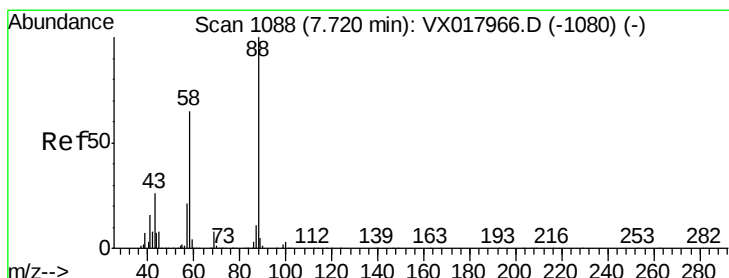
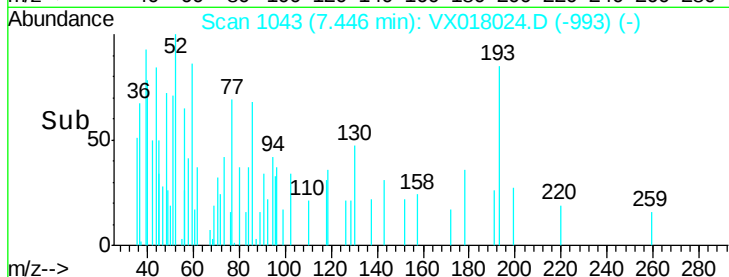
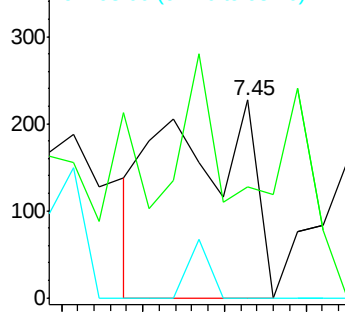
98 0.0 39.0 58.6#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#49

1,4-Dioxane

Concen: 1.753 ug/l

RT: 7.69 min Scan# 1083

Delta R.T. -0.03 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

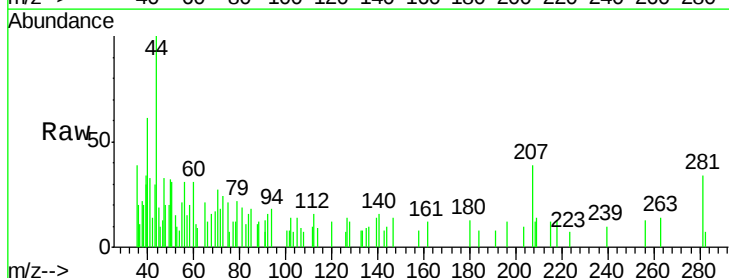
Tgt Ion: 88 Resp: 256

Ion Ratio Lower Upper

88 100

43 69.1 27.3 40.9#

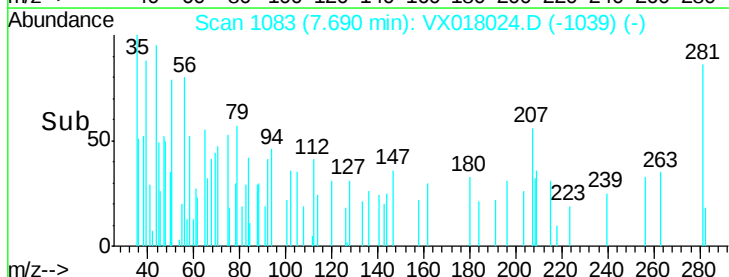
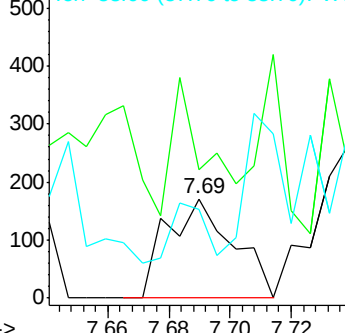
58 30.9 57.7 86.5#

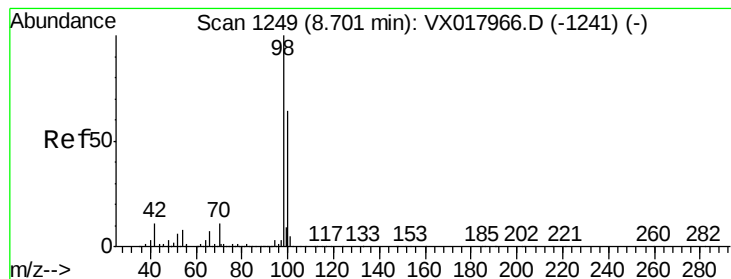


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 45.008 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

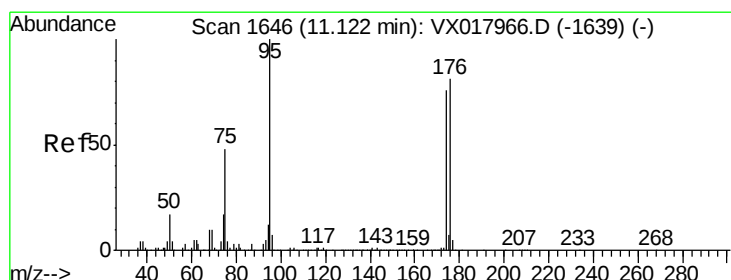
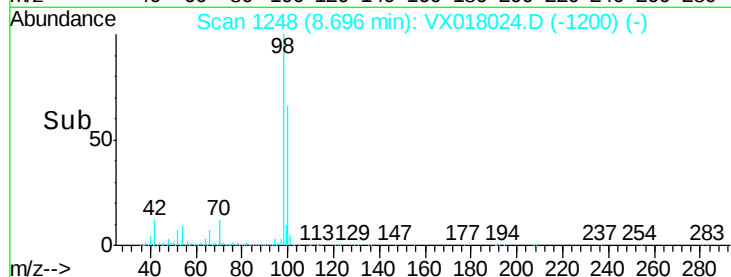
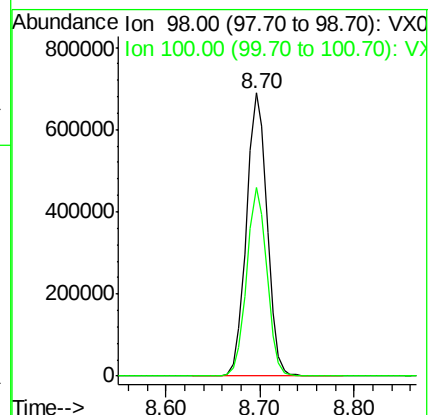
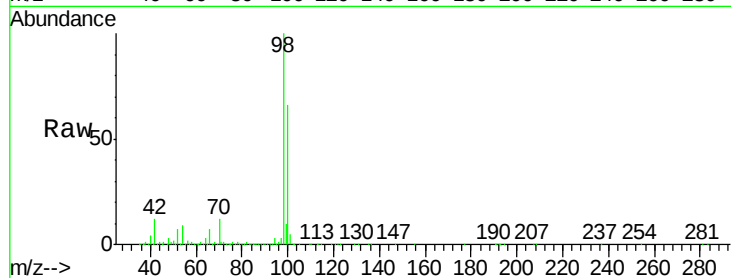
IBLK

Tgt Ion: 98 Resp: 1054299

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.527 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

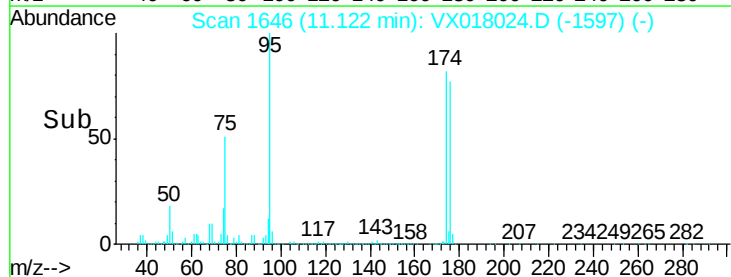
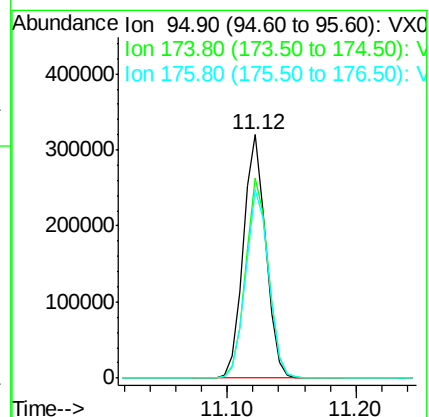
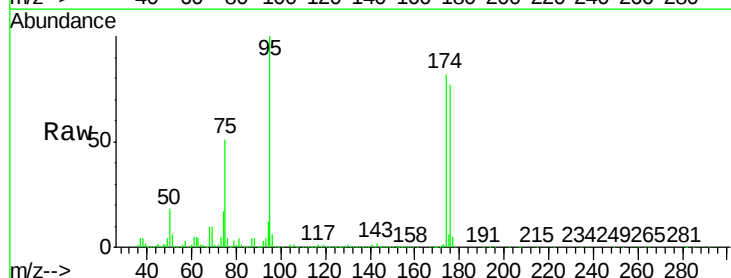
Tgt Ion: 95 Resp: 385233

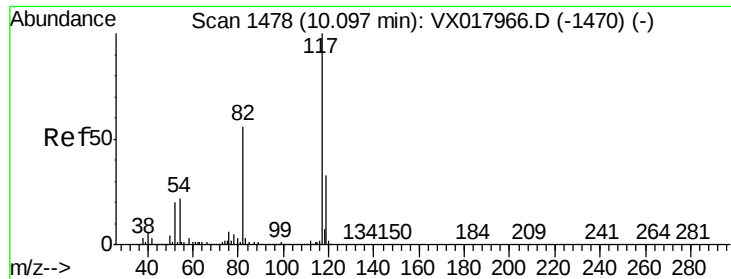
Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.0

176 79.1 0.0 161.0

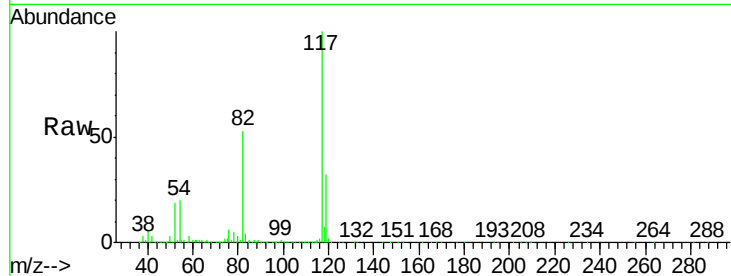




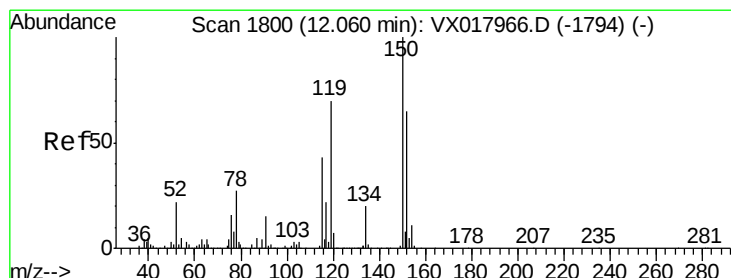
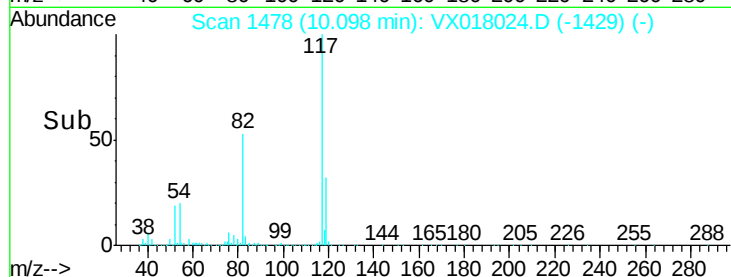
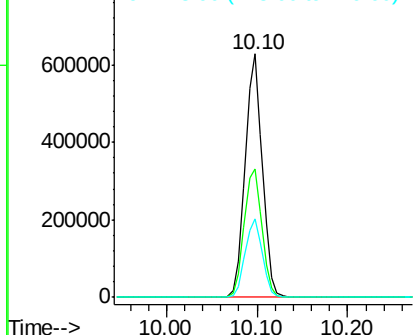
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018024.D
Acq: 20 Aug 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:117 Resp: 821629
Ion Ratio Lower Upper
117 100
82 52.6 44.6 66.8
119 32.0 26.2 39.4

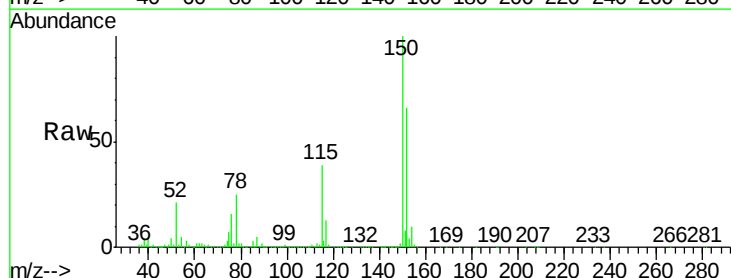


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

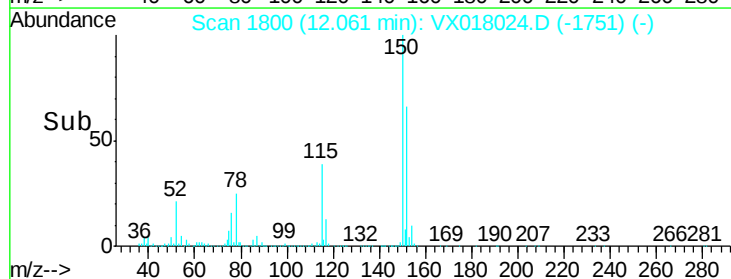
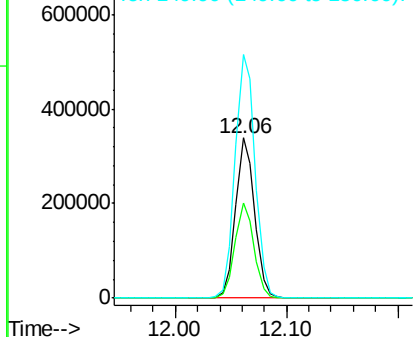


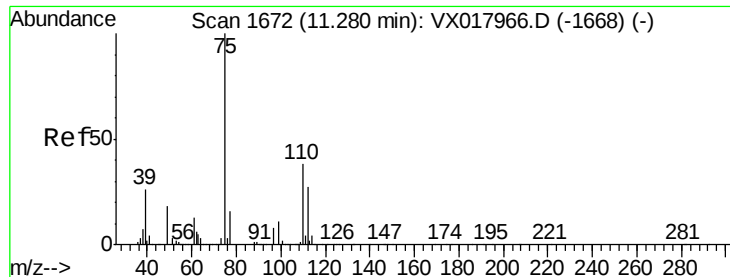
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018024.D
Acq: 20 Aug 2020 11:00

Tgt Ion:152 Resp: 400653
Ion Ratio Lower Upper
152 100
115 59.2 40.6 121.7
150 159.4 0.0 346.4



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: 22.902 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

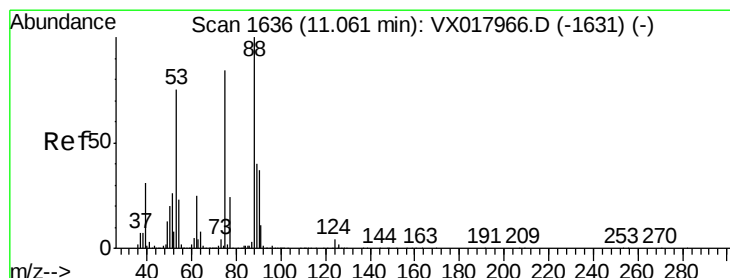
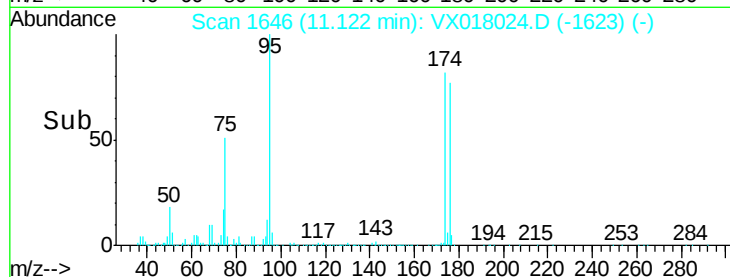
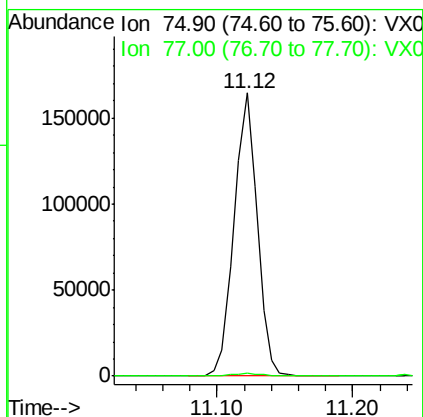
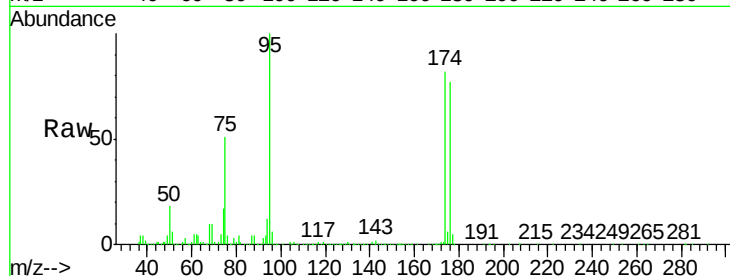
IBLK

Tgt Ion: 75 Resp: 195132

Ion Ratio Lower Upper

75 100

77 1.2 21.1 63.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.165 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018024.D

Acq: 20 Aug 2020 11:00

Tgt Ion: 75 Resp: 195132

Ion Ratio Lower Upper

75 100

53 0.3 75.2 112.8#

89 0.1 38.4 57.6#

