

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017215.D
 Acq On : 07 Jul 2020 19:40
 Operator : JC/SP
 Sample : L3195-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20200630

Quant Time: Jul 08 01:55:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	418586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227641	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	166350	55.09	ug/l	0.00
Spiked Amount			Recovery	=	110.18%	
35) Dibromofluoromethane	5.47	113	144059	54.41	ug/l	0.00
Spiked Amount			Recovery	=	108.82%	
50) Toluene-d8	8.70	98	508748	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.12	95	207330	54.17	ug/l	0.00
Spiked Amount			Recovery	=	108.34%	

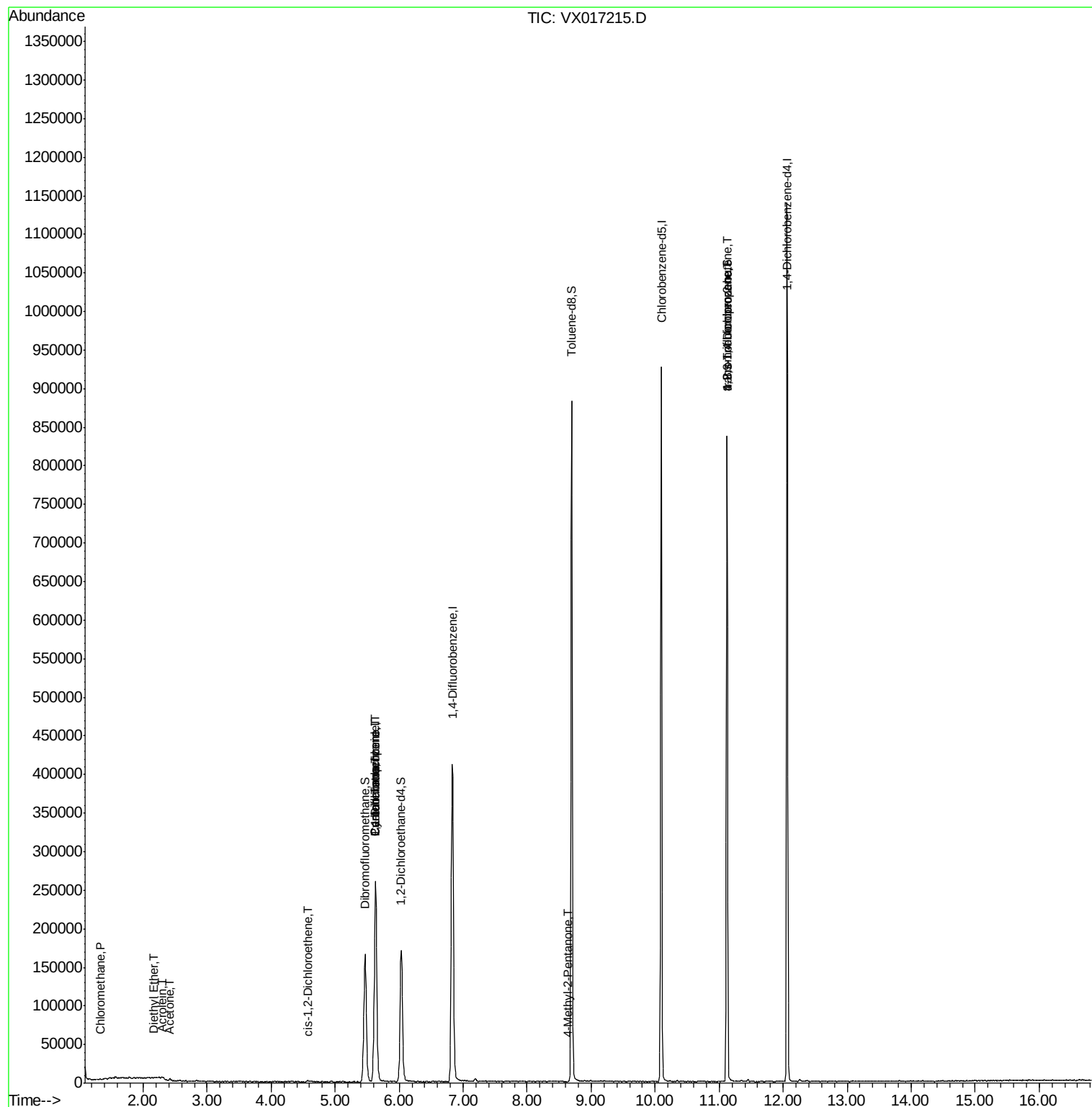
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	728	0.254	ug/l #	86
8) Diethyl Ether	2.15	74	129	0.462	ug/l	66
13) Acrolein	2.29	56	297	0.862	ug/l #	5
16) Acetone	2.42	43	2911	2.577	ug/l	92
20) Methylene Chloride	2.85	84	635	Below Cal	#	68
27) cis-1,2-Dichloroethene	4.56	96	777	0.255	ug/l	70
31) Cyclohexane	5.62	56	5033	1.235	ug/l #	41
36) 1,1-Dichloropropene	5.63	75	17871	4.517	ug/l #	50
38) Carbon Tetrachloride	5.63	117	24151	5.543	ug/l #	18
51) 4-Methyl-2-Pentanone	8.63	43	820	0.206	ug/l #	35
76) 1,2,3-Trichloropropane	11.12	75	104511	23.347	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	104511	60.460	ug/l #	13
88) 1,4-Dichlorobenzene	12.08	146	352	Below Cal	#	1

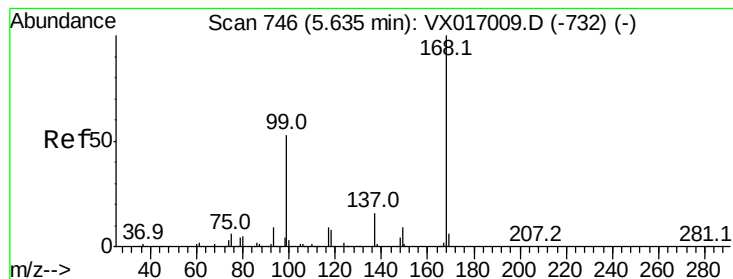
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 08 01:55:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017215.D

Acq: 07 Jul 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

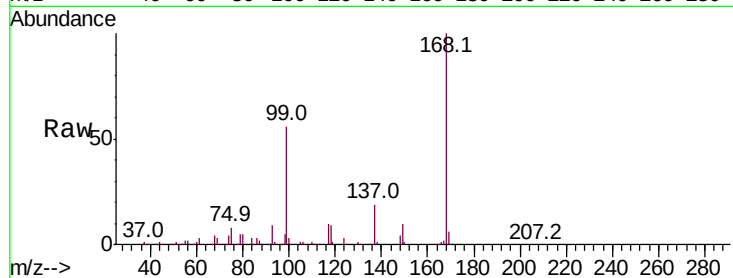
MH-118.5N-20200630

Tot Ion:168 Resp: 244936

Ion Ratio Lower Upper

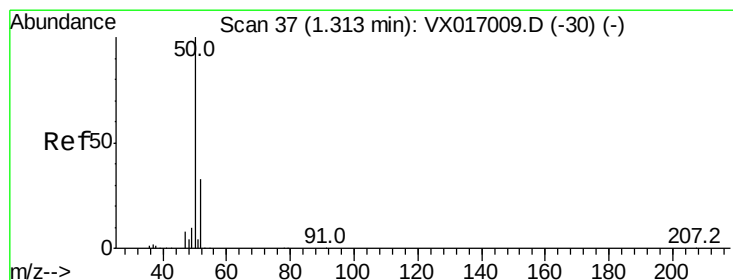
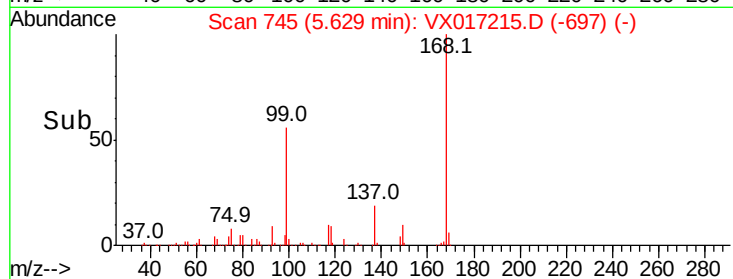
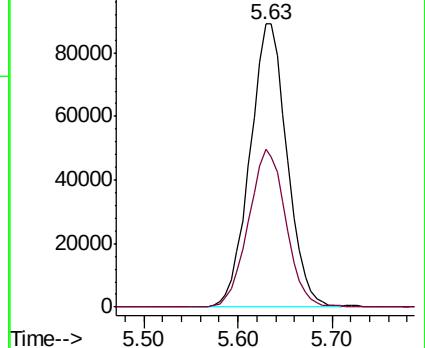
168 100

99 55.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.254 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017215.D

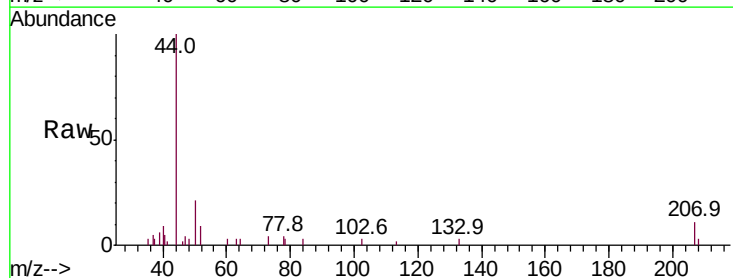
Acq: 07 Jul 2020 19:40

Tgt Ion: 50 Resp: 728

Ion Ratio Lower Upper

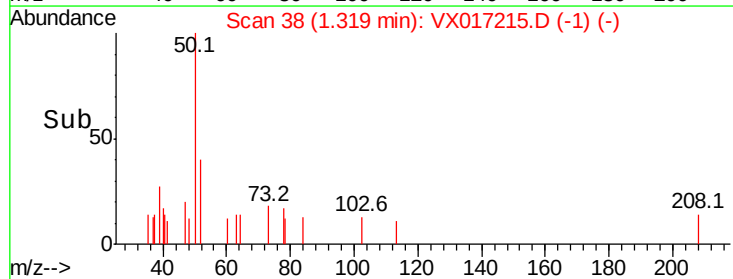
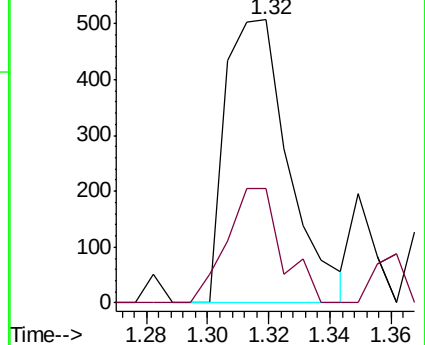
50 100

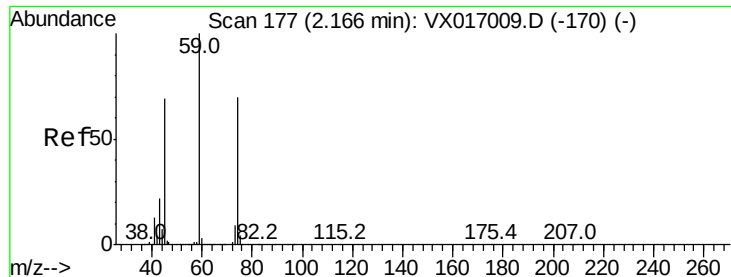
52 40.4 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#8

Diethyl Ether

Concen: 0.462 ug/l

RT: 2.15 min Scan# 175

Delta R.T. -0.01 min

Lab File: VX017215.D

Acq: 07 Jul 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

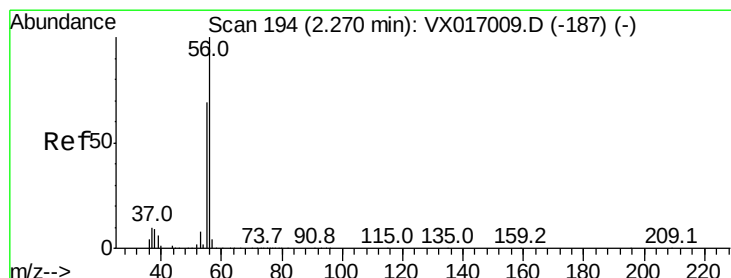
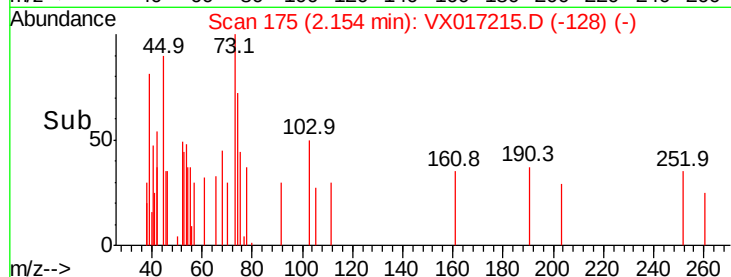
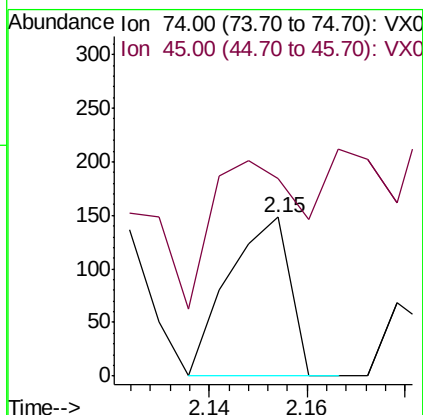
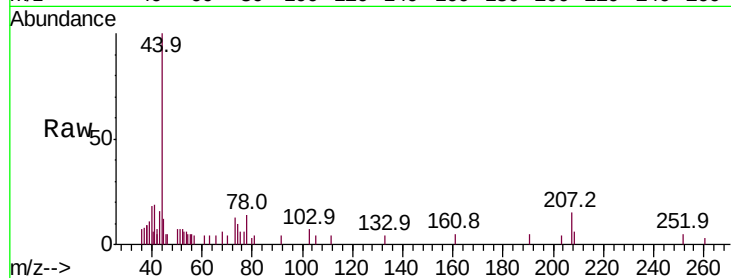
MH-118.5N-20200630

Tot Ion: 74 Resp: 129

Ion Ratio Lower Upper

74 100

45 133.3 49.8 149.3



#13

Acrolein

Concen: 0.862 ug/l

RT: 2.29 min Scan# 198

Delta R.T. 0.02 min

Lab File: VX017215.D

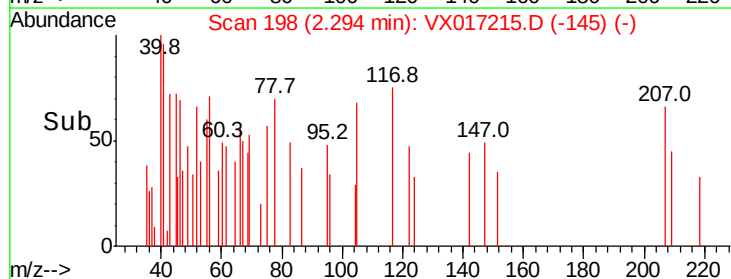
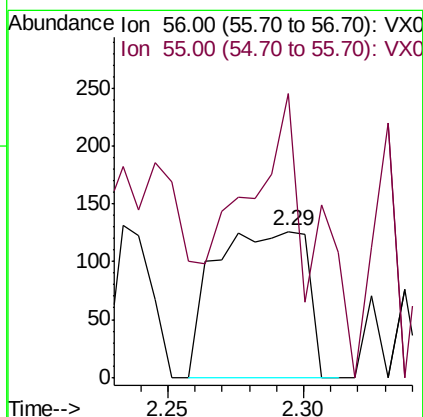
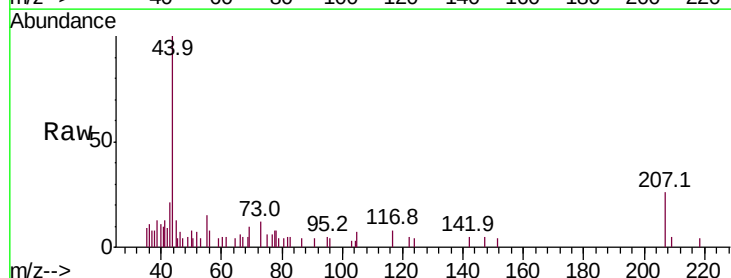
Acq: 07 Jul 2020 19:40

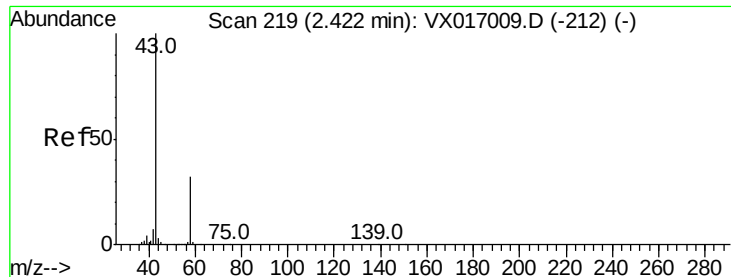
Tgt Ion: 56 Resp: 297

Ion Ratio Lower Upper

56 100

55 147.5 55.7 83.5#

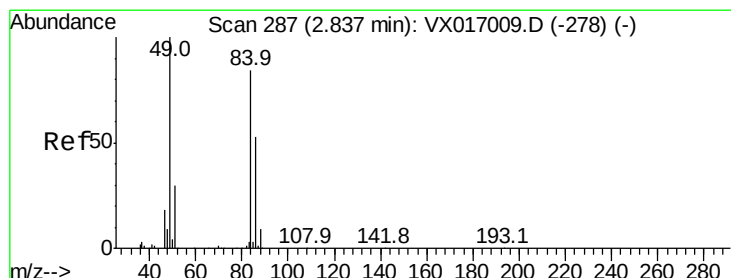
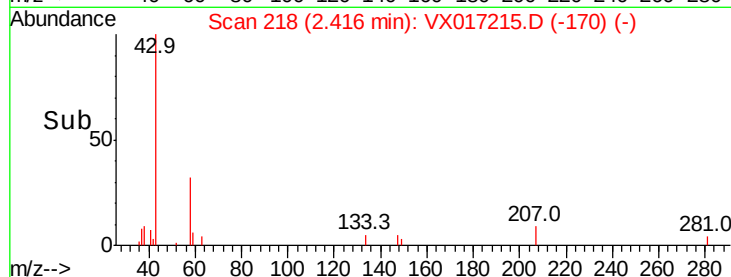
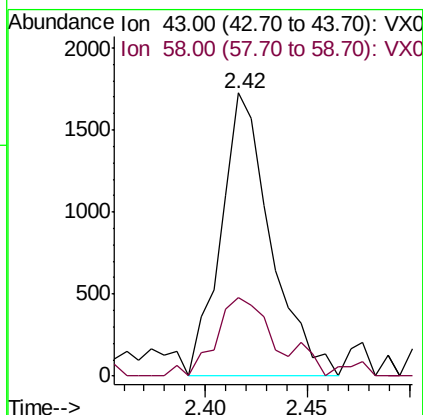
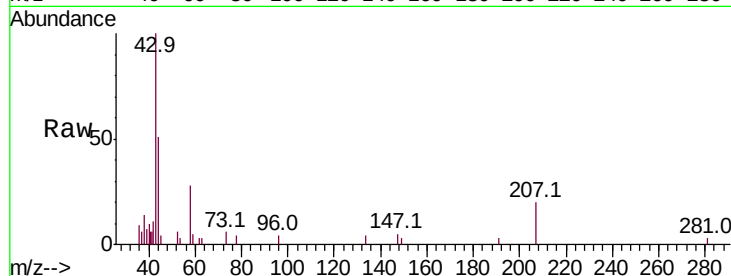




#16
Acetone
Concen: 2.577 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017215.D
Acq: 07 Jul 2020 19:40

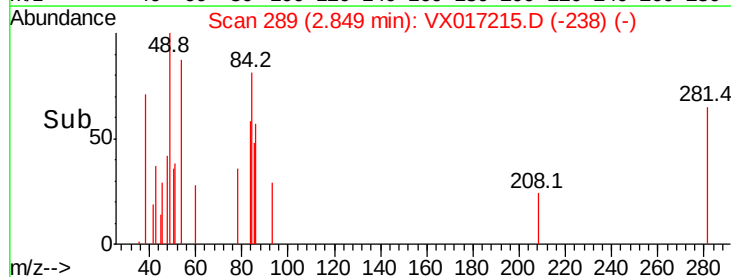
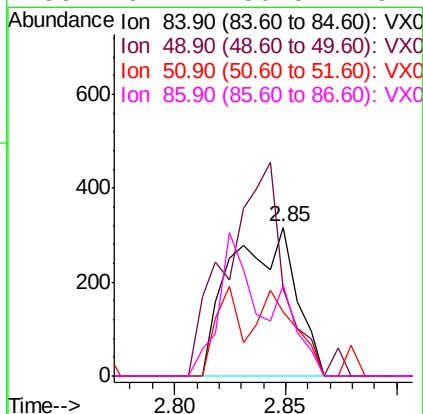
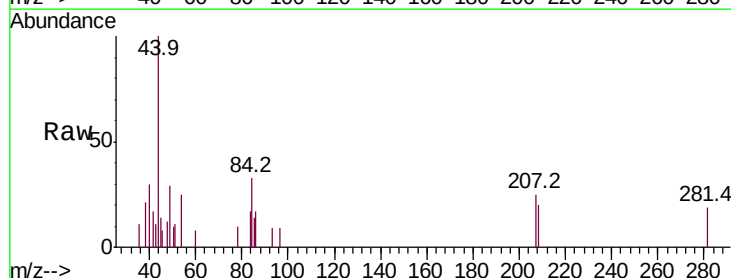
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20200630

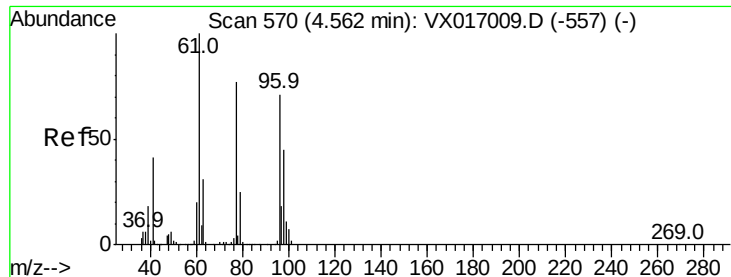
Tot Ion: 43 Resp: 2911
Ion Ratio Lower Upper
43 100
58 27.5 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 289
Delta R.T. 0.01 min
Lab File: VX017215.D
Acq: 07 Jul 2020 19:40

Tgt Ion: 84 Resp: 635
Ion Ratio Lower Upper
84 100
49 58.0 94.7 142.1#
51 42.6 28.6 42.8
86 61.2 50.5 75.7



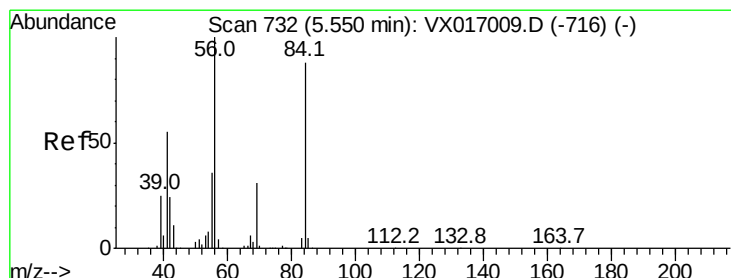
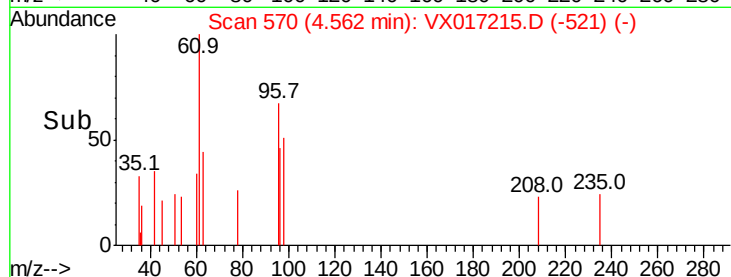
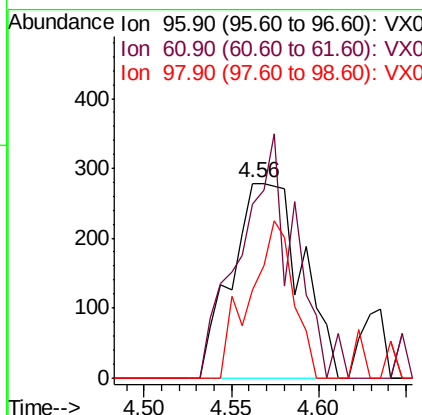
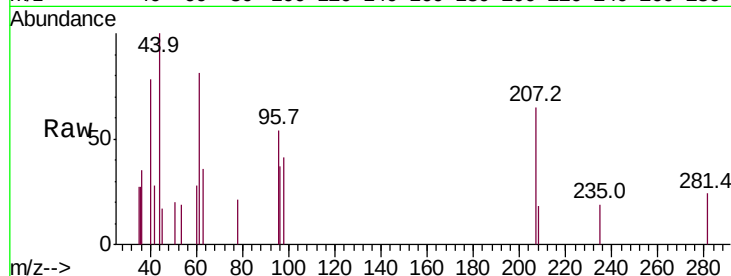


#27

cis-1,2-Dichloroethene
 Concen: 0.255 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017215.D
 Acq: 07 Jul 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20200630

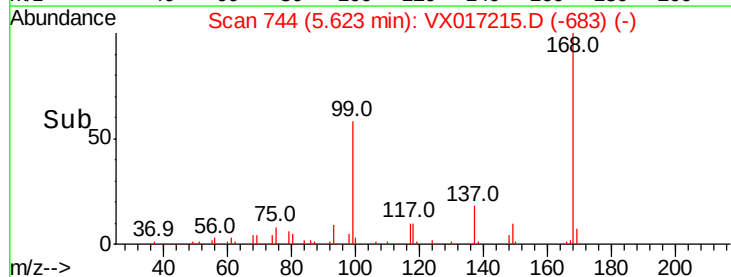
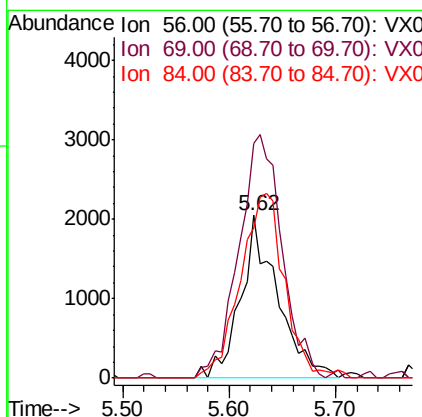
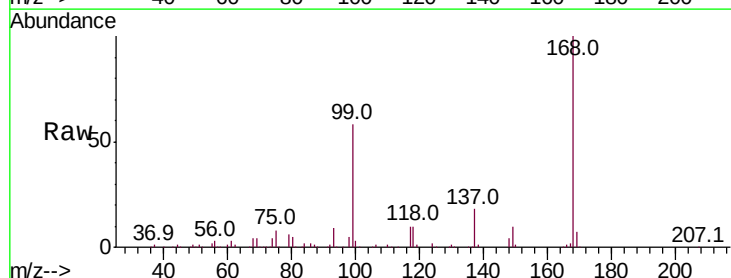
Tot Ion	Ratio	Lower	Upper
96	100		
61	97.3	0.0	282.8
98	50.5	0.0	127.6

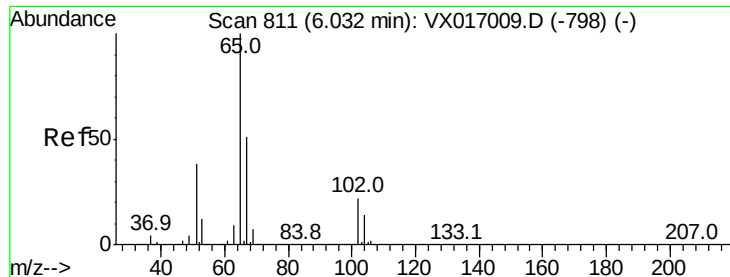


#31

Cyclohexane
 Concen: 1.235 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. 0.07 min
 Lab File: VX017215.D
 Acq: 07 Jul 2020 19:40

Tgt Ion	Ratio	Lower	Upper
56	100		
69	144.7	25.0	37.4#
84	92.3	69.1	103.7

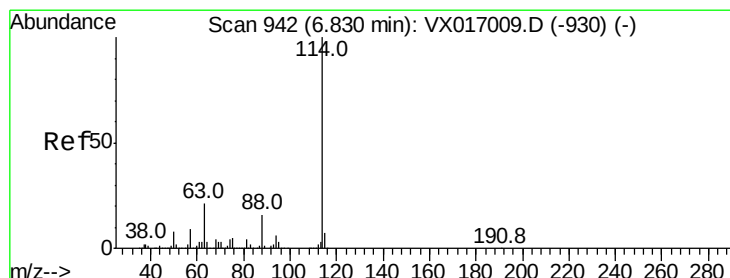
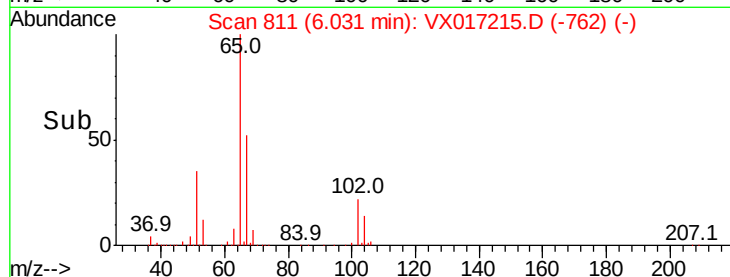
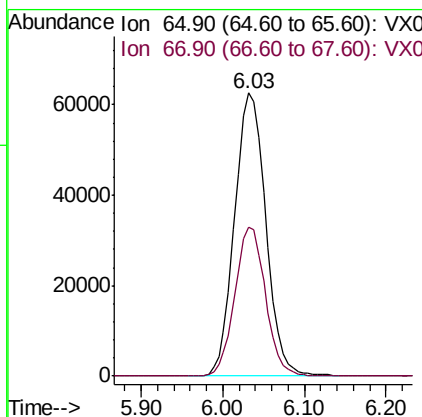
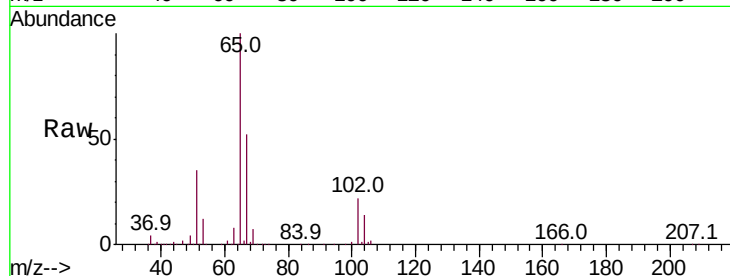




#33
 1,2-Dichloroethane-d4
 Concen: 55.091 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017215.D
 Acq: 07 Jul 2020 19:40

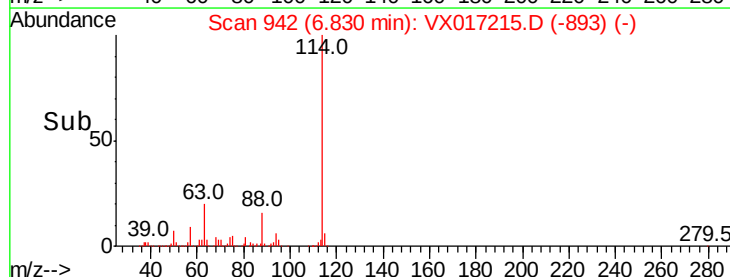
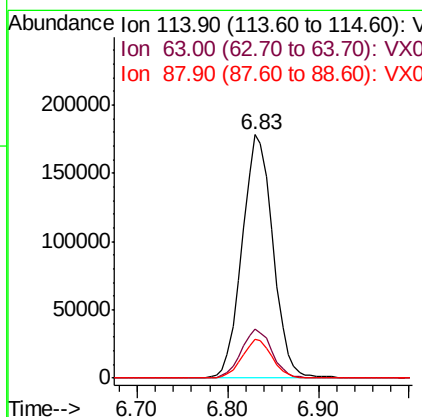
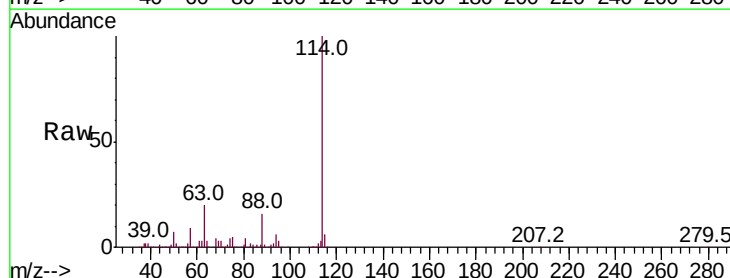
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20200630

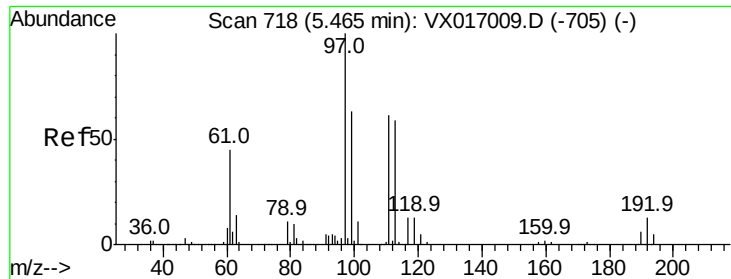
Tot Ion: 65 Resp: 166350
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017215.D
 Acq: 07 Jul 2020 19:40

Tgt Ion: 114 Resp: 418586
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.406 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017215.D

Acq: 07 Jul 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20200630

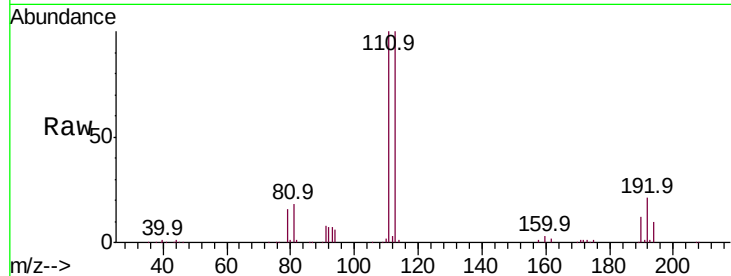
Tot Ion:113 Resp: 144059

Ion Ratio Lower Upper

113 100

111 100.1 81.9 122.9

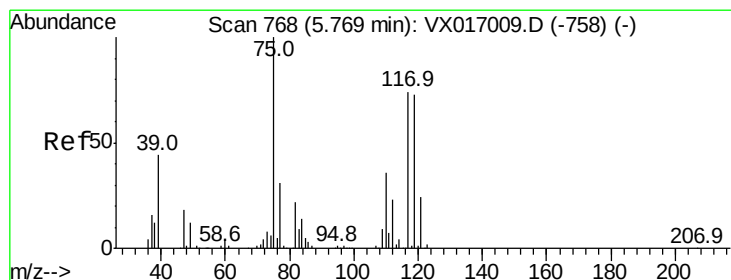
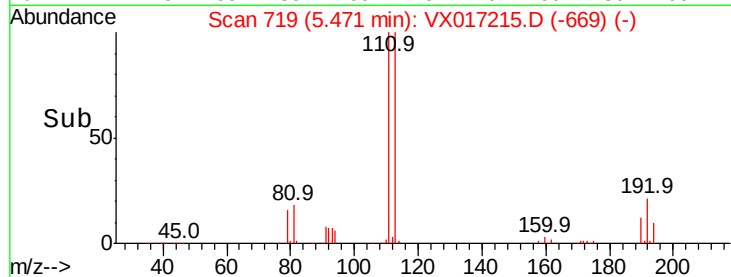
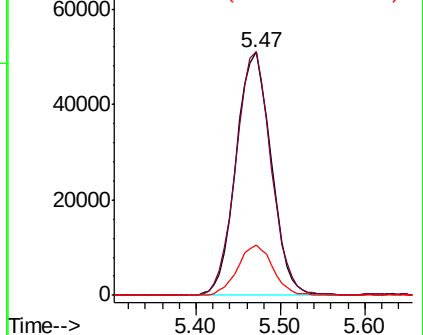
192 20.6 16.7 25.1



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: 4.517 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017215.D

Acq: 07 Jul 2020 19:40

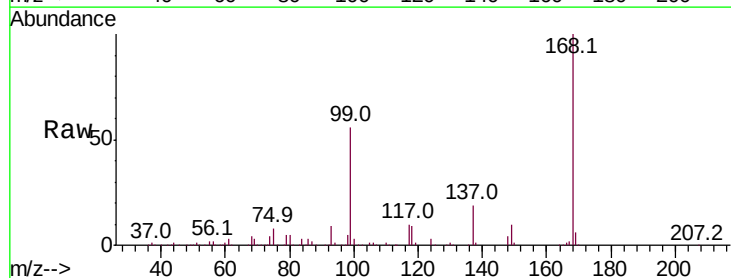
Tgt Ion: 75 Resp: 17871

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.1#

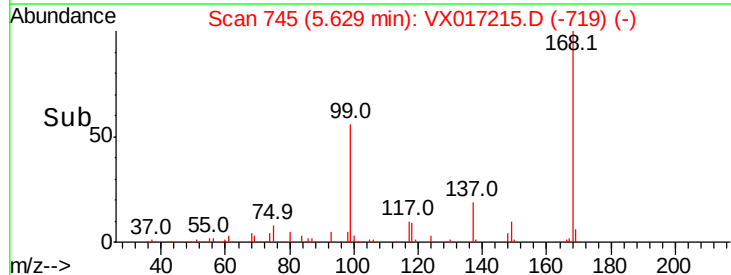
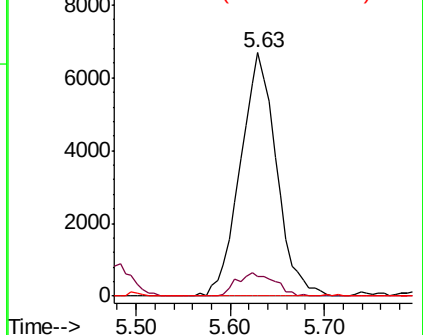
77 0.0 24.6 37.0#

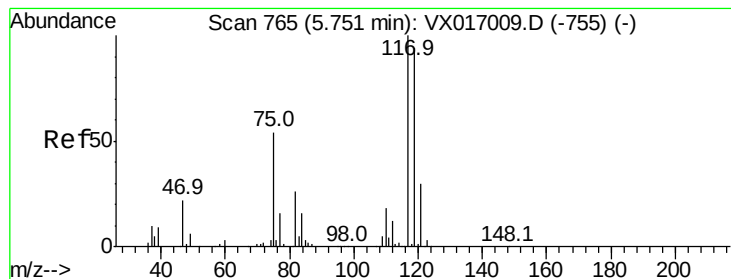


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.543 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX017215.D

Acq: 07 Jul 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20200630

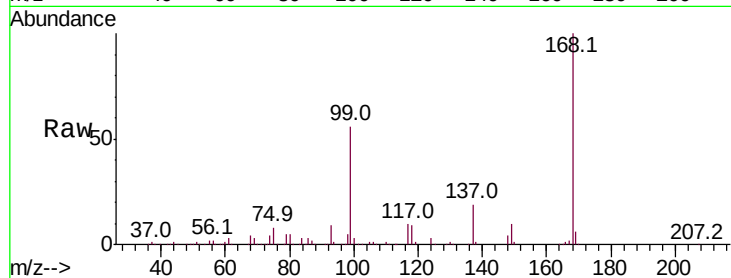
Tot Ion:117 Resp: 24151

Ion Ratio Lower Upper

117 100

119 6.8 75.4 113.0#

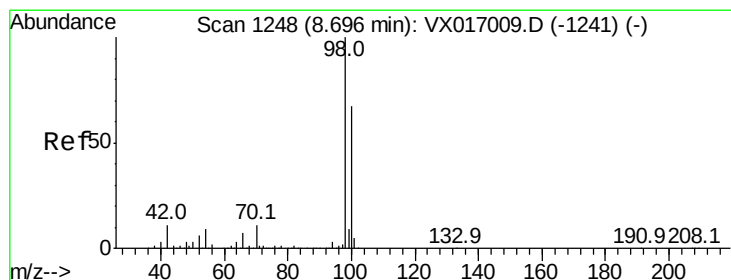
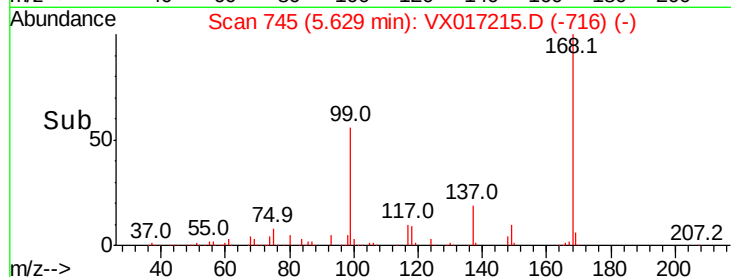
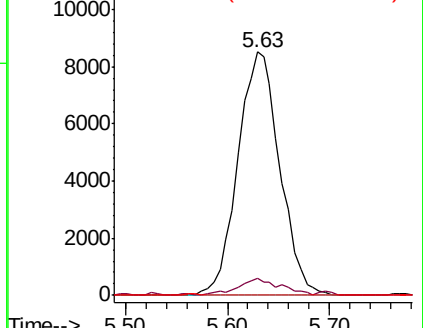
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.960 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017215.D

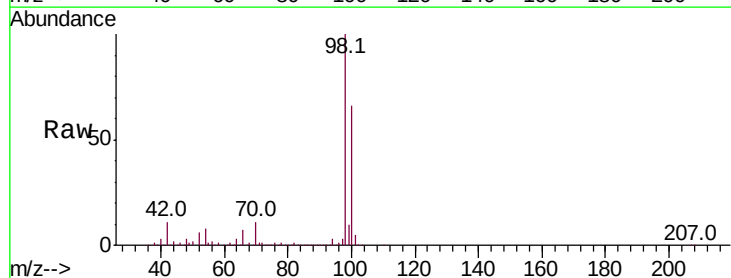
Acq: 07 Jul 2020 19:40

Tgt Ion: 98 Resp: 508748

Ion Ratio Lower Upper

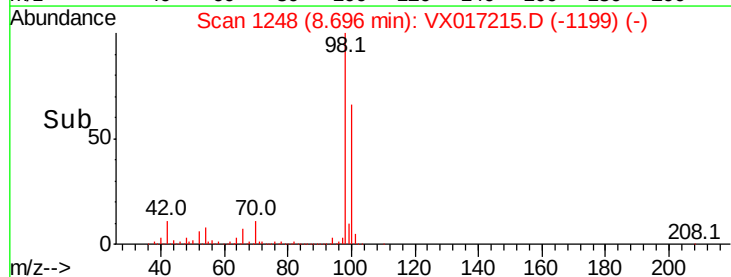
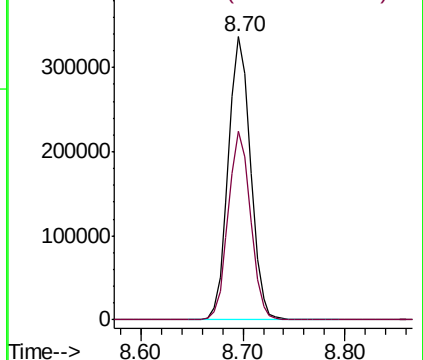
98 100

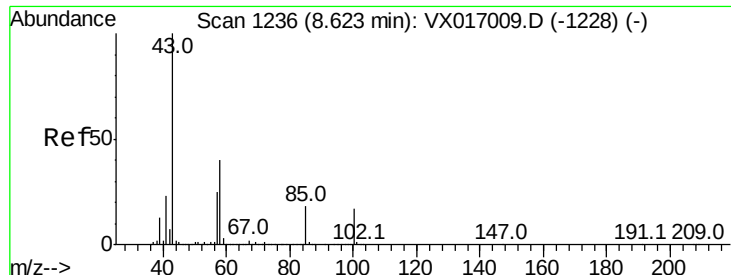
100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

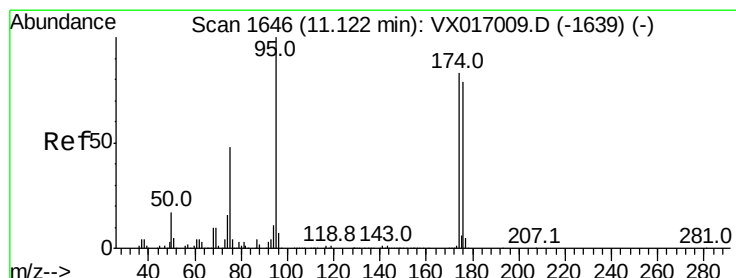
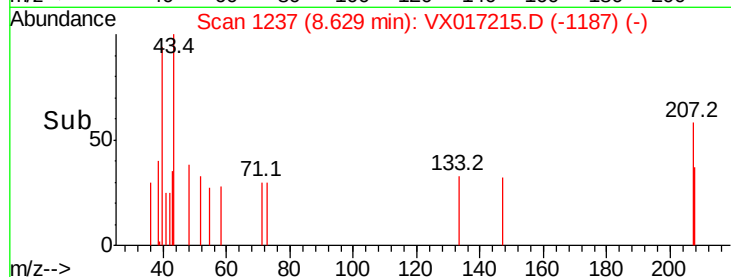
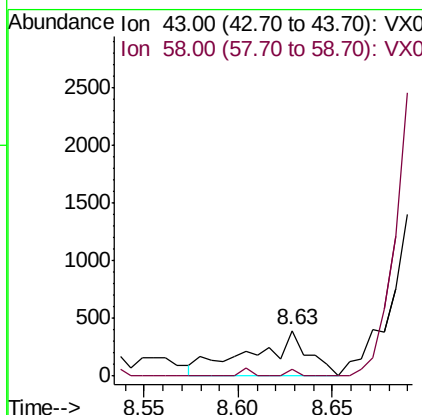
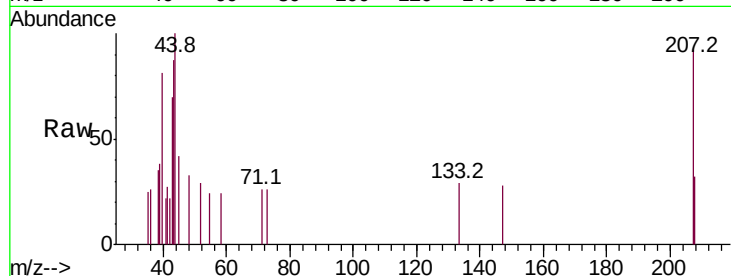




#51
4-Methyl-2-Pentanone
Concen: 0.206 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX017215.D
Acq: 07 Jul 2020 19:40

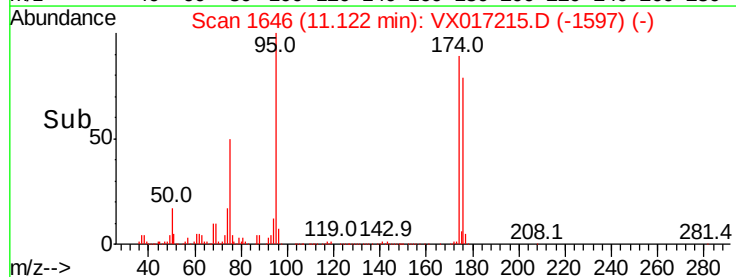
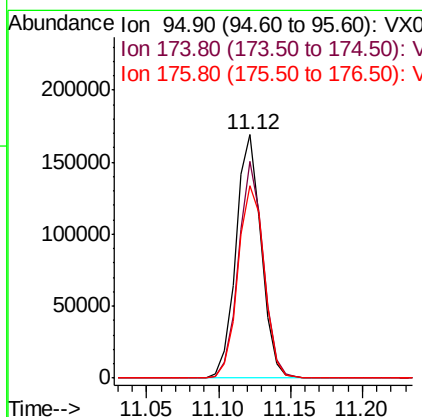
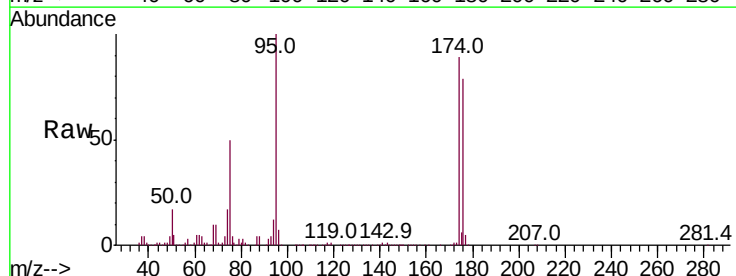
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20200630

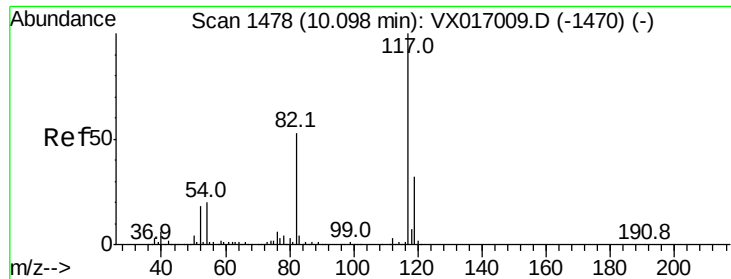
Tot Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 0.0 31.9 47.9#



#62
4-Bromofluorobenzene
Concen: 54.168 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017215.D
Acq: 07 Jul 2020 19:40

Tgt Ion: 95 Resp: 207330
Ion Ratio Lower Upper
95 100
174 87.1 0.0 164.0
176 81.7 0.0 157.6

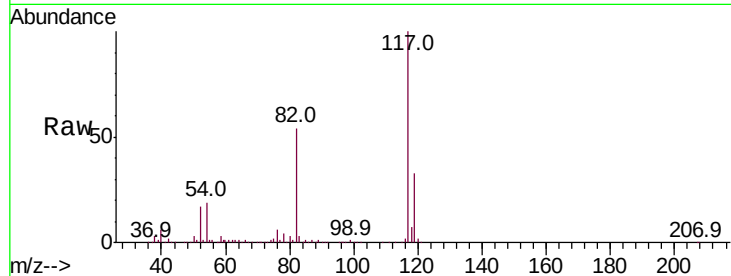




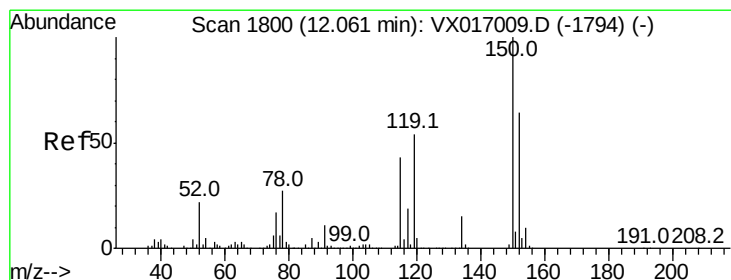
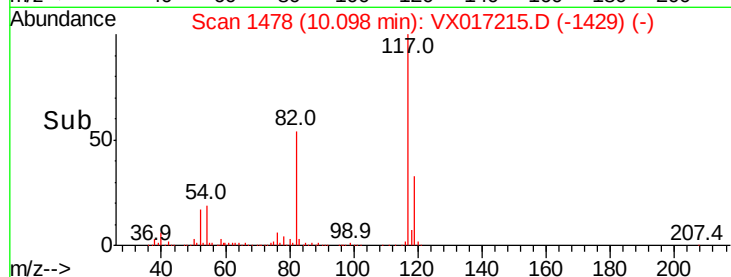
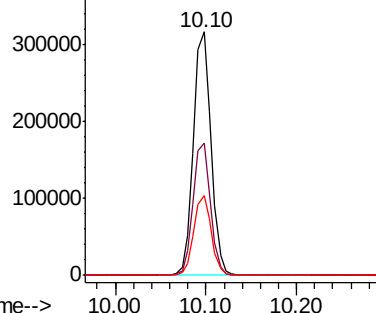
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017215.D
Acq: 07 Jul 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20200630

Tot Ion:117 Resp: 430988
Ion Ratio Lower Upper
117 100
82 54.1 42.6 63.8
119 32.7 25.4 38.2

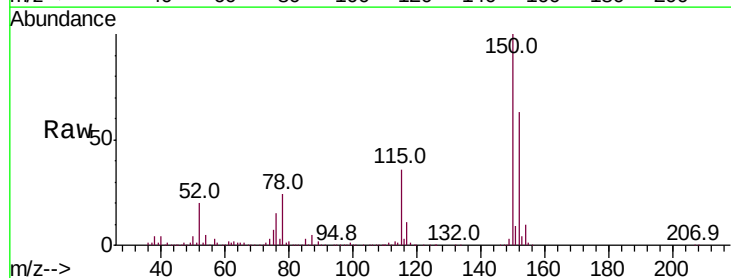


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

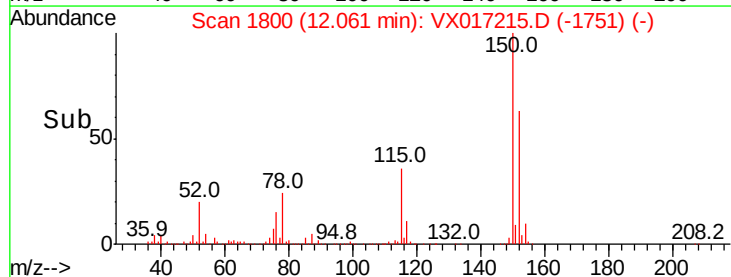
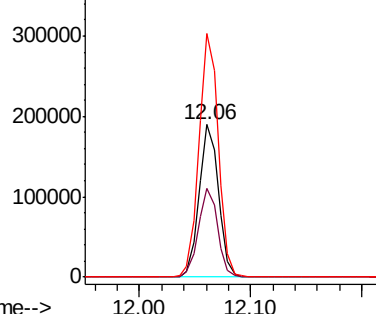


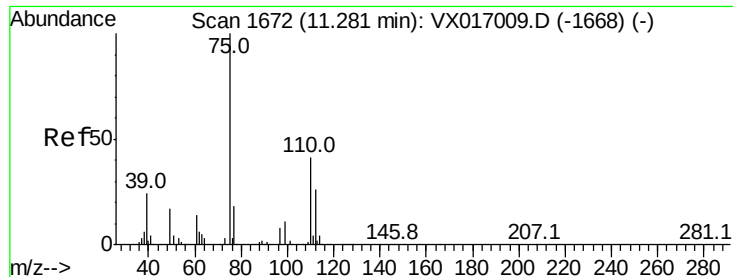
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017215.D
Acq: 07 Jul 2020 19:40

Tgt Ion:152 Resp: 227641
Ion Ratio Lower Upper
152 100
115 57.5 40.9 122.7
150 159.1 0.0 351.6



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: 23.347 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017215.D

Acq: 07 Jul 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

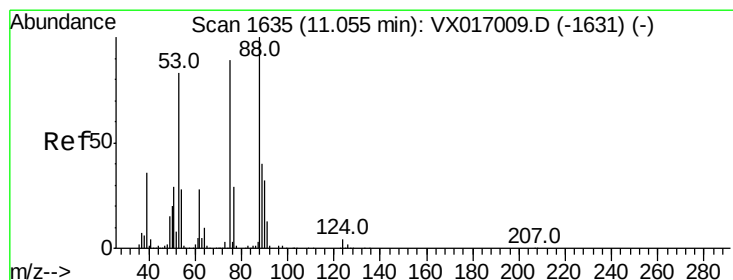
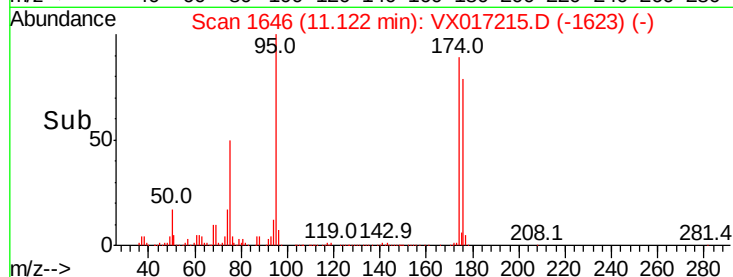
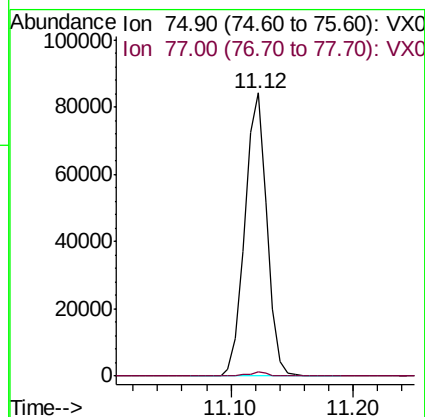
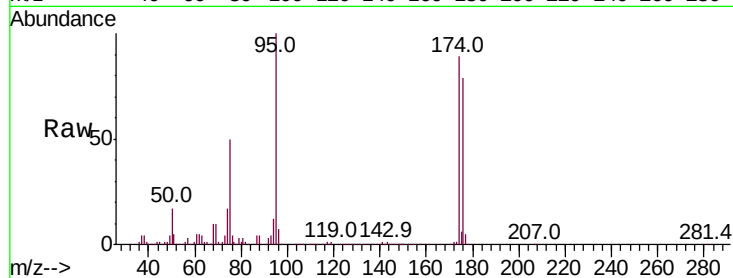
MH-118.5N-20200630

Tot Ion: 75 Resp: 104511

Ion Ratio Lower Upper

75 100

77 1.3 20.2 60.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.460 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017215.D

Acq: 07 Jul 2020 19:40

Tgt Ion: 75 Resp: 104511

Ion Ratio Lower Upper

75 100

53 0.3 72.4 108.6#

89 0.0 37.0 55.4#

