

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063020\
 Data File : VX017050.D
 Acq On : 30 Jun 2020 17:10
 Operator : JC/SP
 Sample : L3123-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jul 05 23:39:22 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	235914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207238	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	153241	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	5.46	113	131050	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	8.70	98	492108	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.12	95	198162	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	

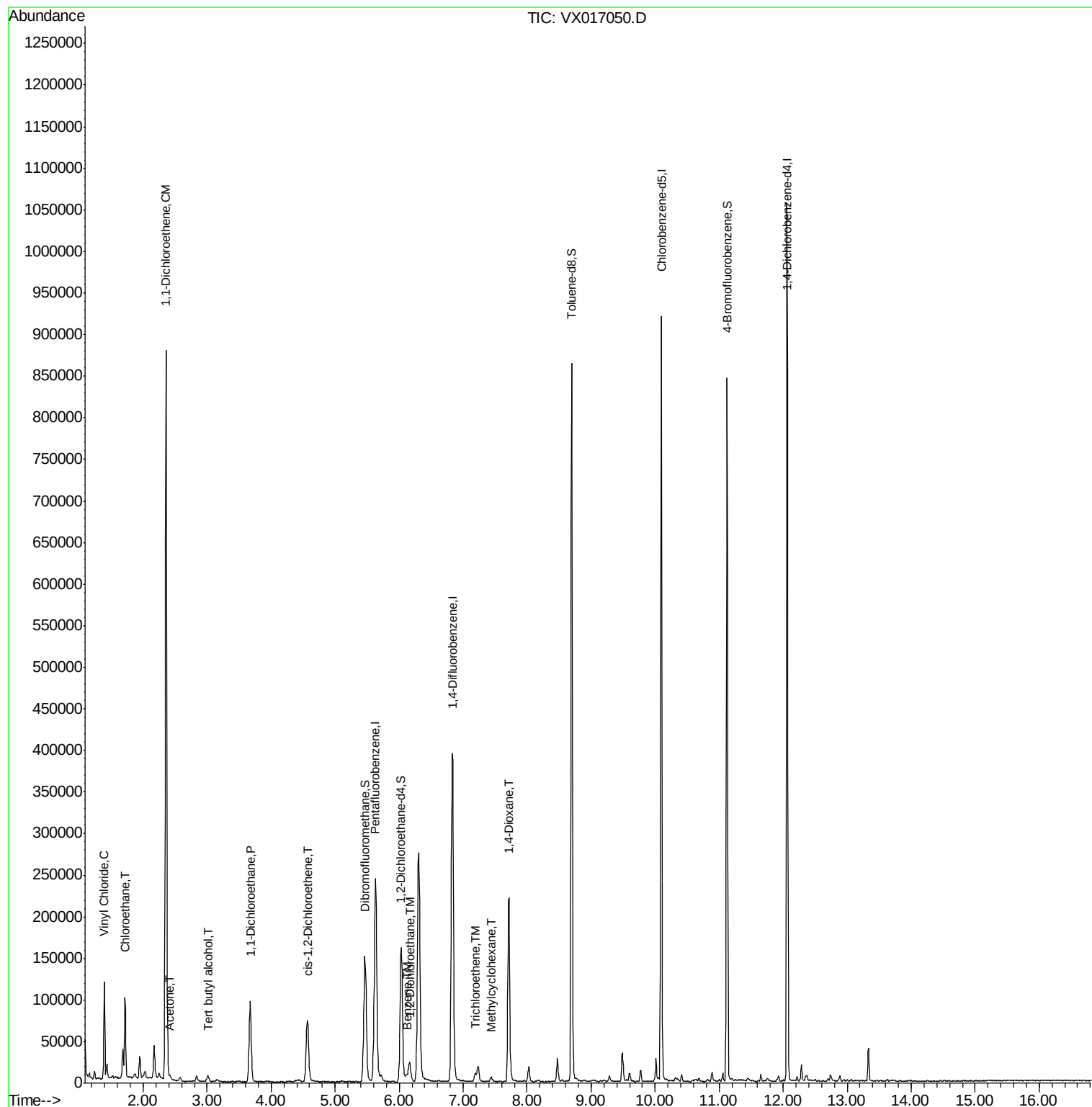
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	69352	27.057	ug/l	98
6) Chloroethane	1.72	64	57200	37.785	ug/l	96
11) Tert butyl alcohol	3.01	59	8206	14.790	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	295122	126.443	ug/l	99
16) Acetone	2.42	43	3818	3.509	ug/l	95
24) 1,1-Dichloroethane	3.67	63	106937	23.541	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	49473	16.857	ug/l	88
39) Methylcyclohexane	7.44	83	2278	0.534	ug/l #	73
40) Benzene	6.12	78	9229	0.819	ug/l	100
42) 1,2-Dichloroethane	6.17	62	25238	6.204	ug/l	97
44) Trichloroethene	7.19	130	3569	0.844	ug/l	95
49) 1,4-Dioxane	7.71	88	169574	2437.815	ug/l	95

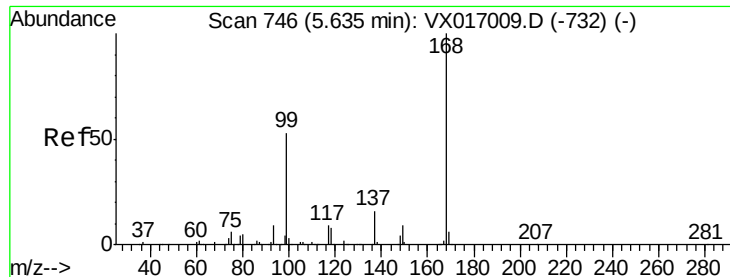
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX063020\
Data File : VX017050.D
Acq On : 30 Jun 2020 17:10
Operator : JC/SP
Sample : L3123-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Time: Jul 05 23:39:22 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: VX017050.D

Acq: 30 Jun 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

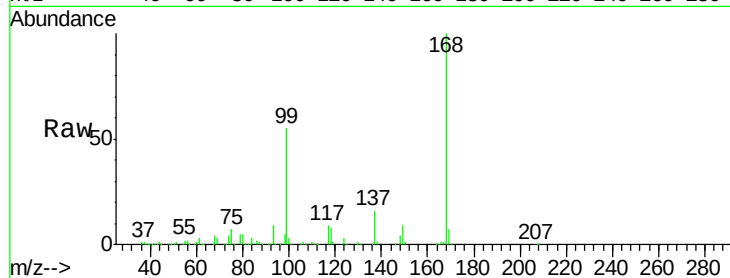
MW-1

Tgt Ion:168 Resp: 235914

Ion Ratio Lower Upper

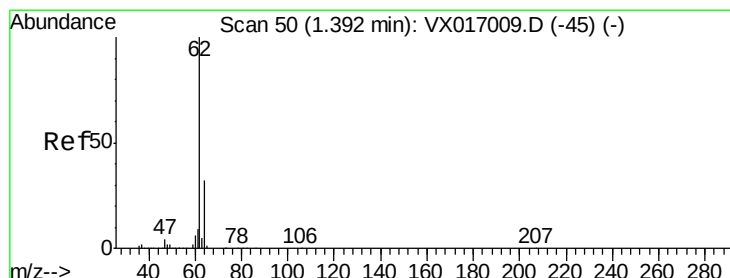
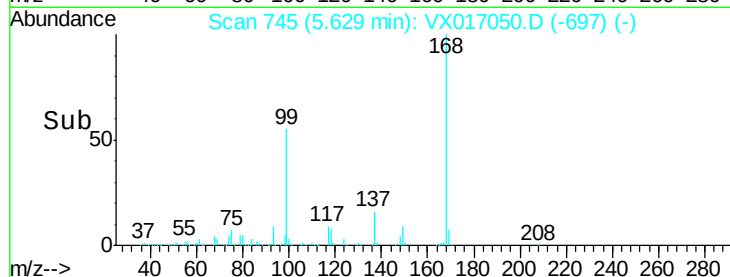
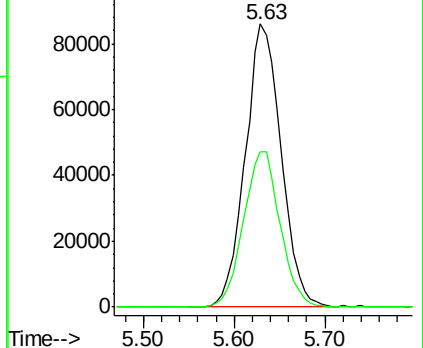
168 100

99 54.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 27.057 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017050.D

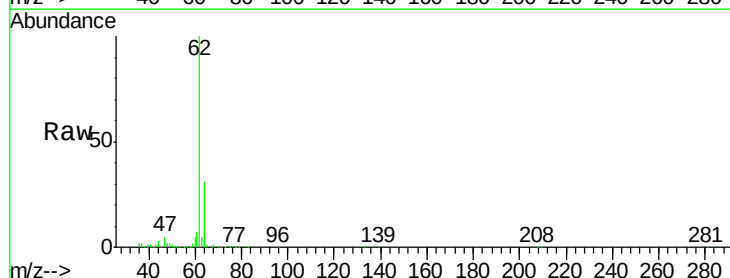
Acq: 30 Jun 2020 17:10

Tgt Ion: 62 Resp: 69352

Ion Ratio Lower Upper

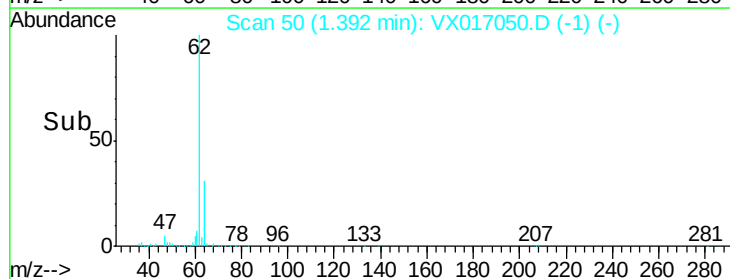
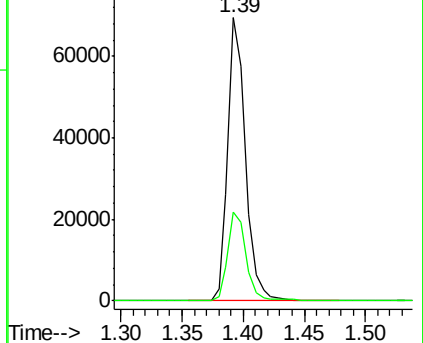
62 100

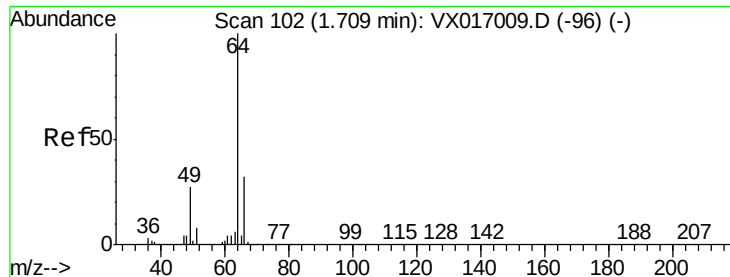
64 31.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 37.785 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

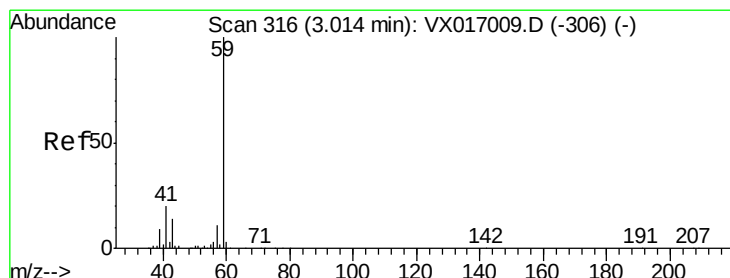
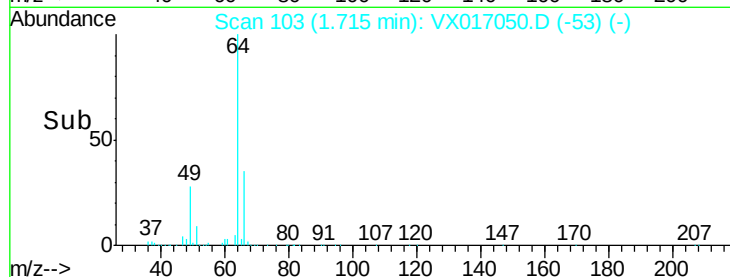
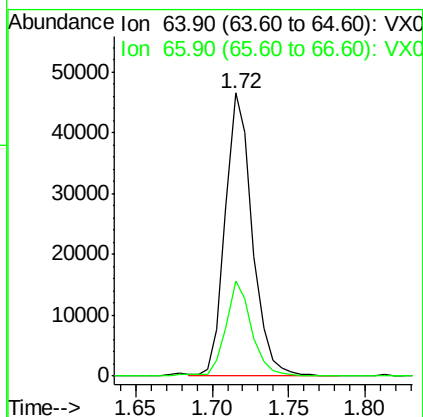
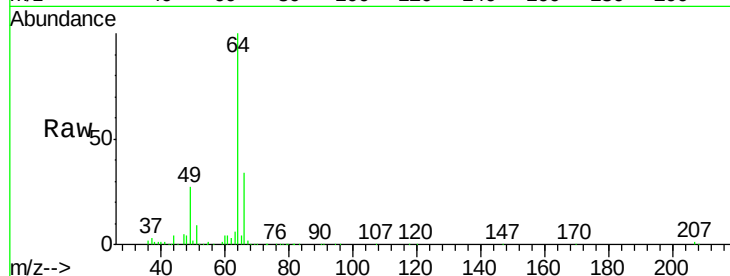
MW-1

Tgt Ion: 64 Resp: 57200

Ion Ratio Lower Upper

64 100

66 33.9 25.5 38.3



#11

Tert butyl alcohol

Concen: 14.790 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX017050.D

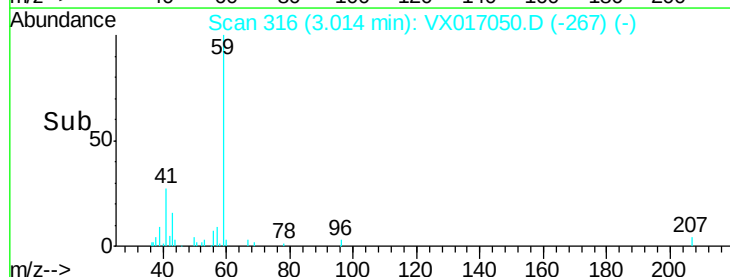
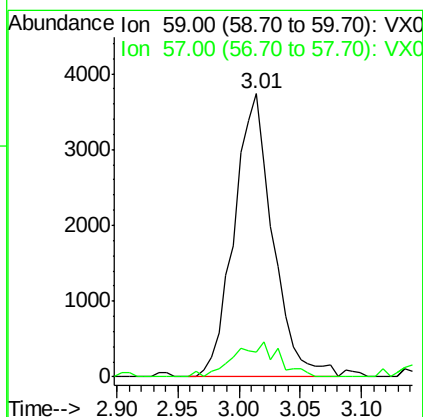
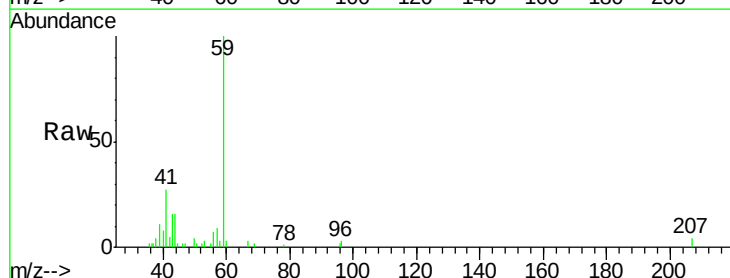
Acq: 30 Jun 2020 17:10

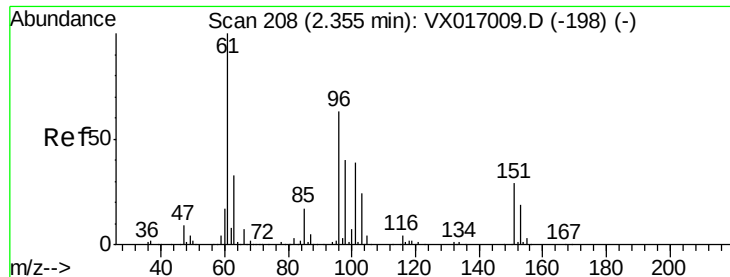
Tgt Ion: 59 Resp: 8206

Ion Ratio Lower Upper

59 100

57 7.9 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 126.443 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

Instrument :

MSVOA_X

ClientSampled :

MW-1

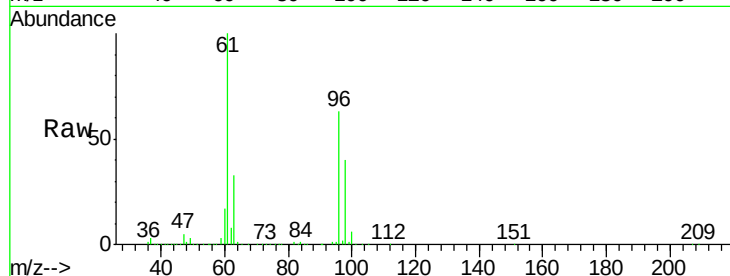
Tgt Ion: 96 Resp: 295122

Ion Ratio Lower Upper

96 100

61 160.0 126.3 189.5

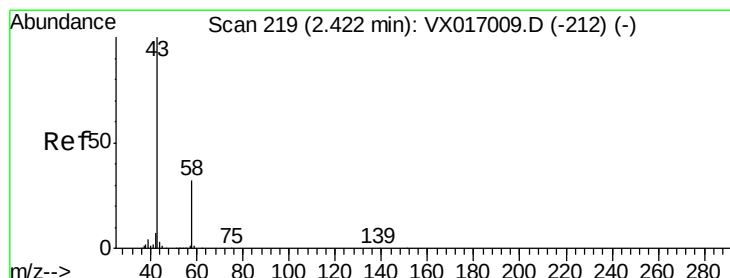
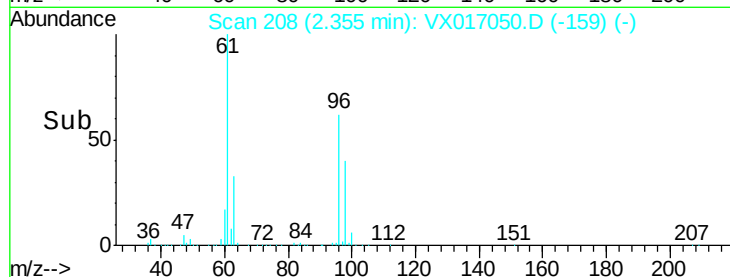
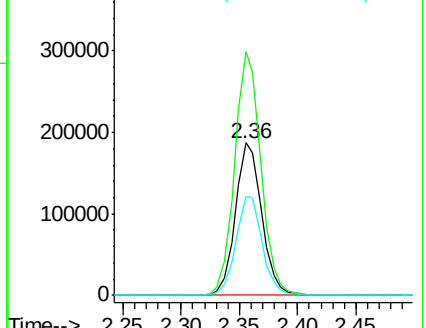
98 64.6 51.0 76.6



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



#16

Acetone

Concen: 3.509 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017050.D

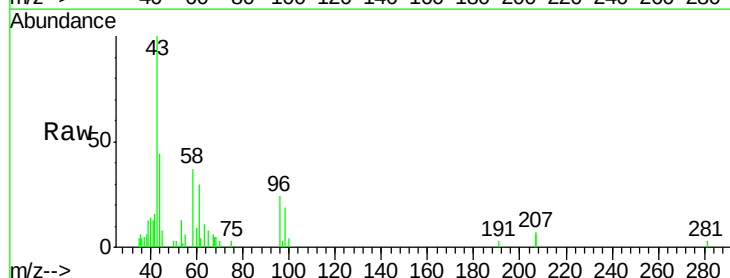
Acq: 30 Jun 2020 17:10

Tgt Ion: 43 Resp: 3818

Ion Ratio Lower Upper

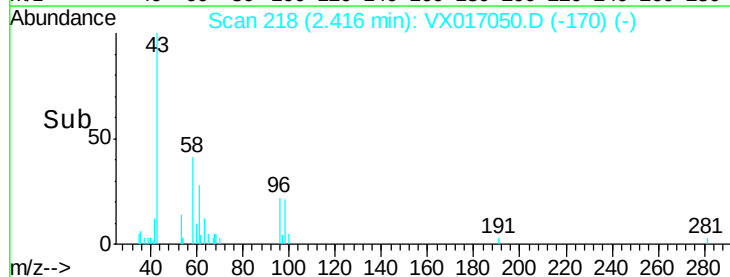
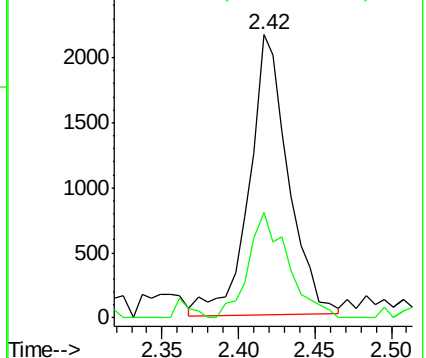
43 100

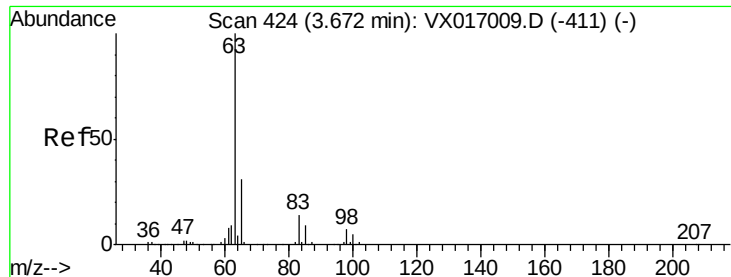
58 35.2 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 23.541 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

MW-1

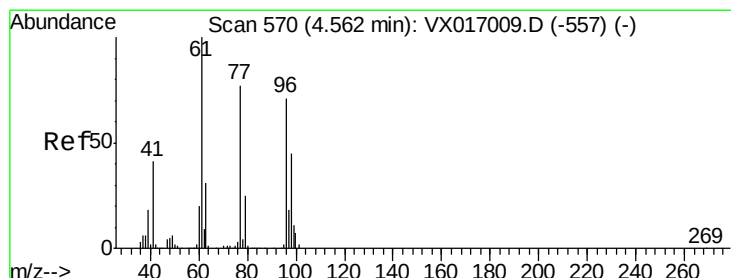
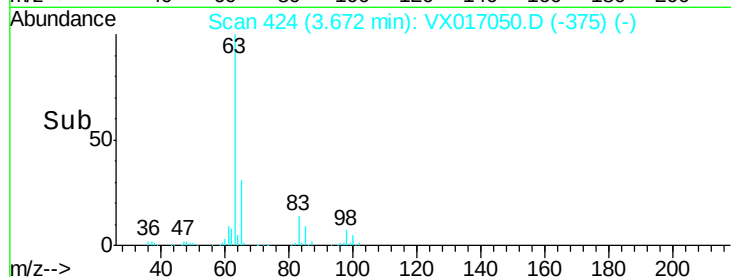
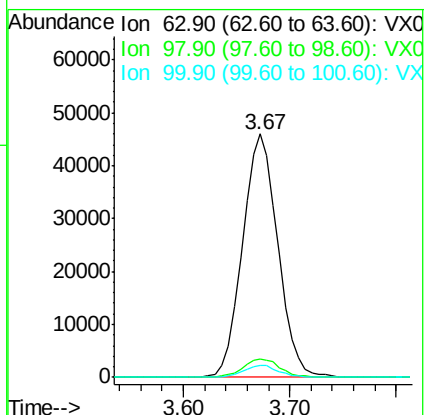
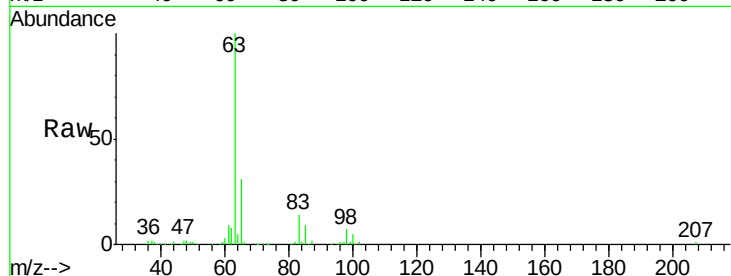
Tgt Ion: 63 Resp: 106937

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.8 2.4 7.1



#27

cis-1,2-Dichloroethene

Concen: 16.857 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

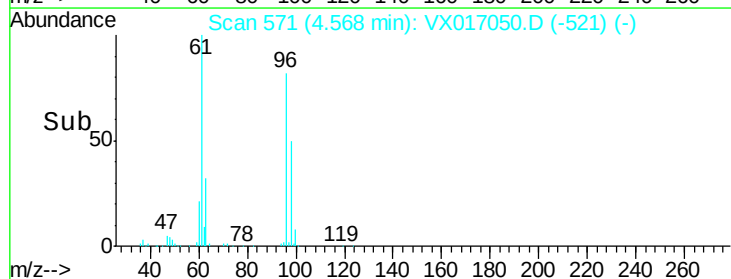
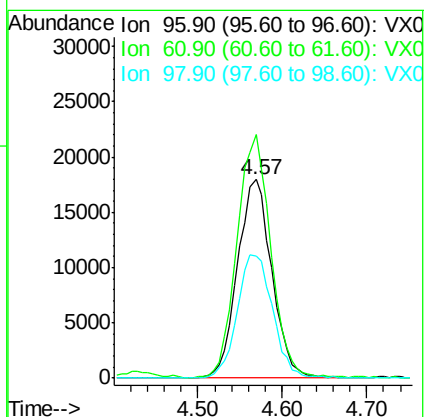
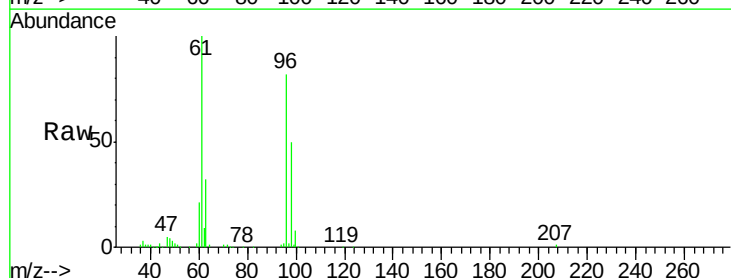
Tgt Ion: 96 Resp: 49473

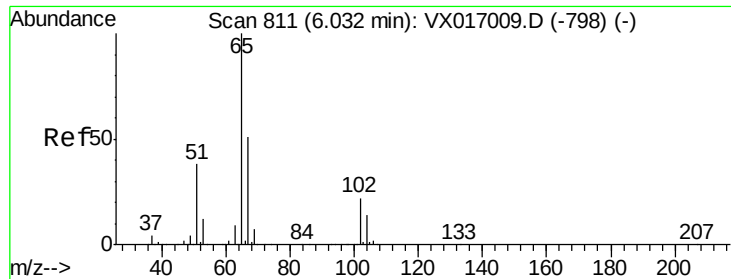
Ion Ratio Lower Upper

96 100

61 120.8 0.0 282.8

98 63.7 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 52.690 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

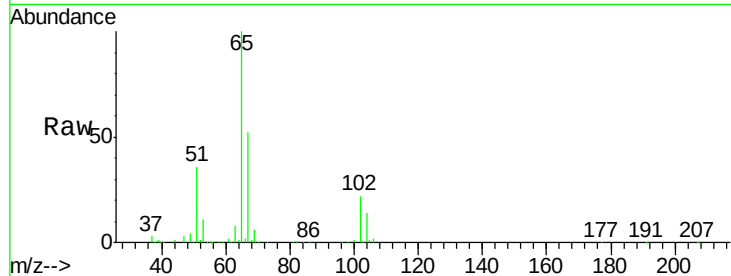
MW-1

Tgt Ion: 65 Resp: 153241

Ion Ratio Lower Upper

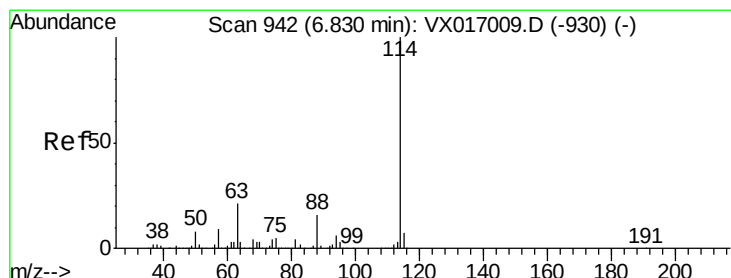
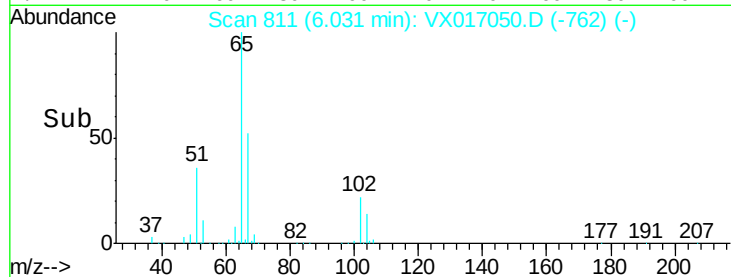
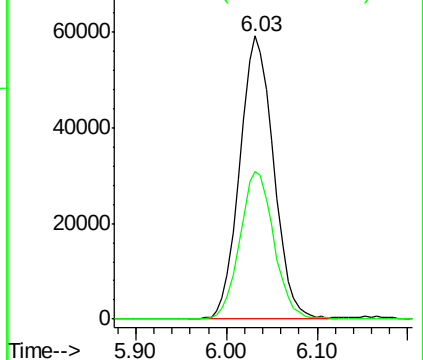
65 100

67 52.3 0.0 103.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

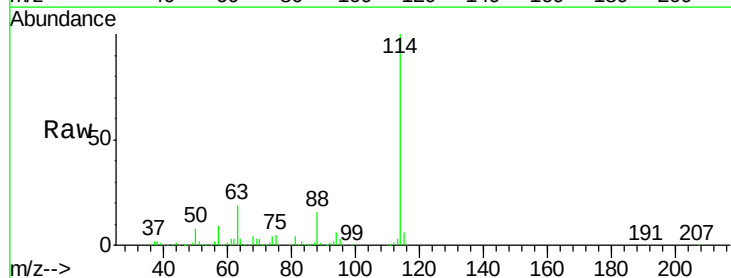
Tgt Ion: 114 Resp: 405581

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

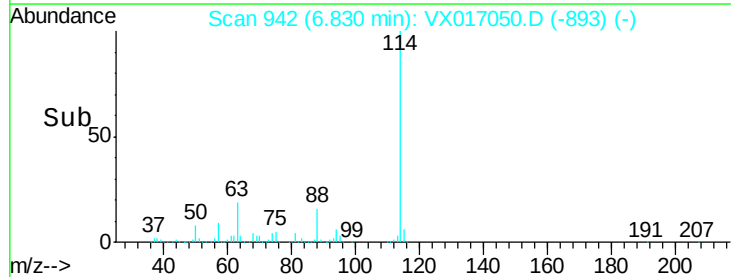
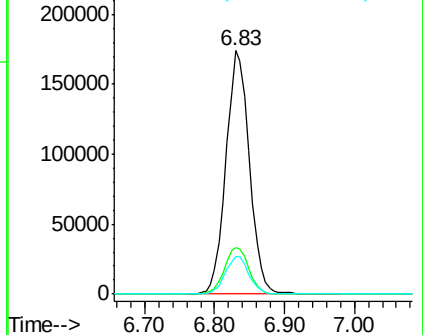
88 15.7 0.0 32.4

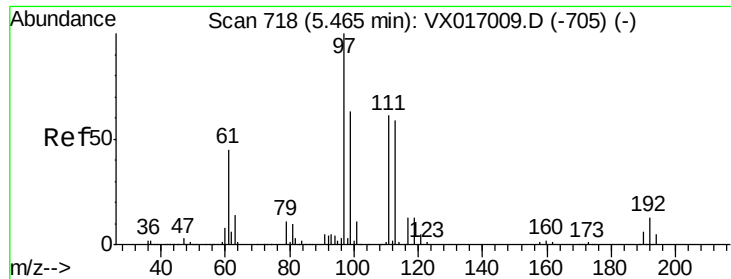


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

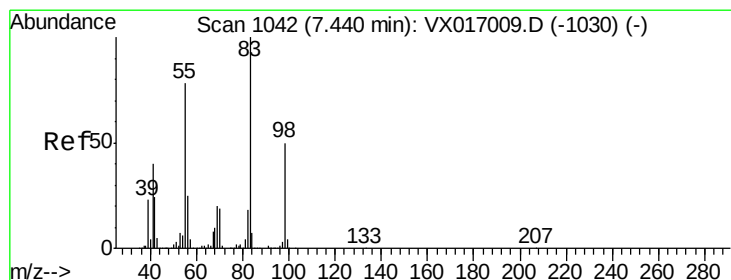
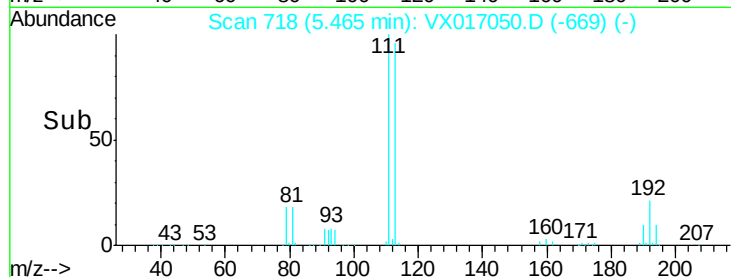
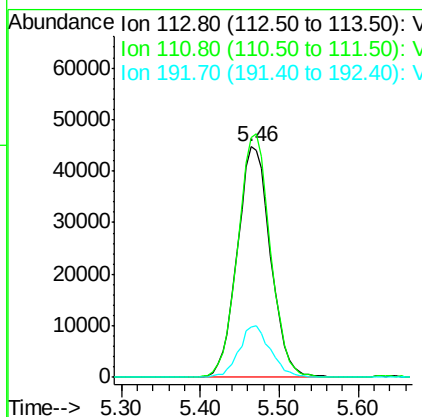
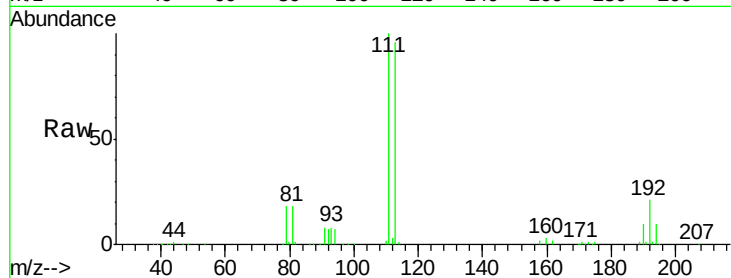




#35
Dibromofluoromethane
Concen: 51.080 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017050.D
Acq: 30 Jun 2020 17:10

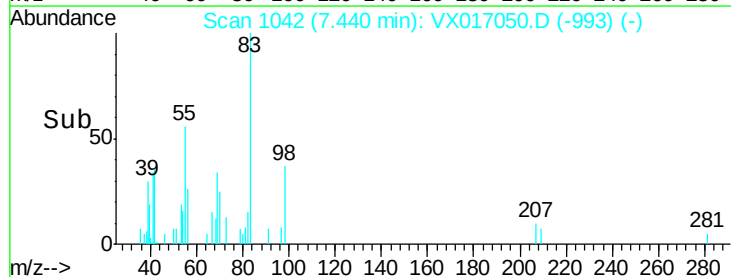
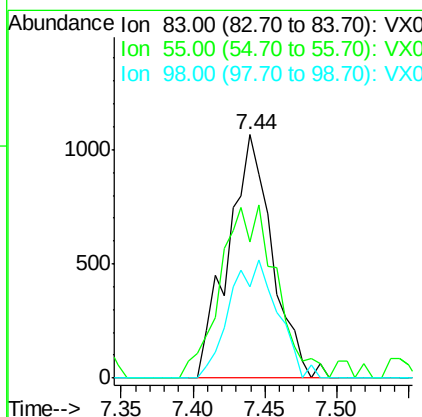
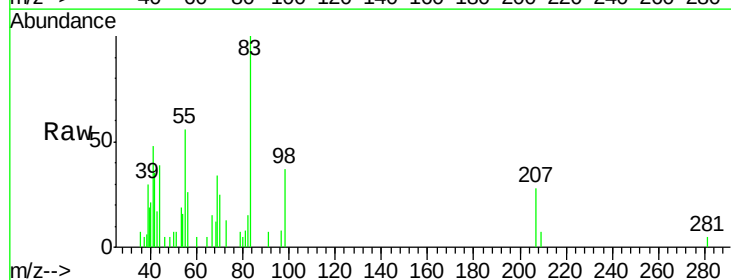
Instrument :
MSVOA_X
ClientSampled :
MW-1

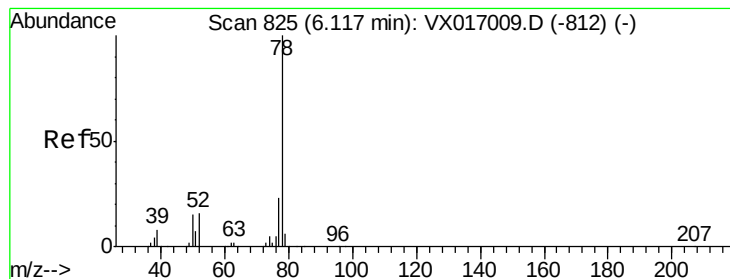
Tgt Ion:113 Resp: 131050
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 21.1 16.7 25.1



#39
Methylcyclohexane
Concen: 0.534 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017050.D
Acq: 30 Jun 2020 17:10

Tgt Ion: 83 Resp: 2278
Ion Ratio Lower Upper
83 100
55 49.2 62.5 93.7#
98 37.3 40.1 60.1#





#40

Benzene

Concen: 0.819 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

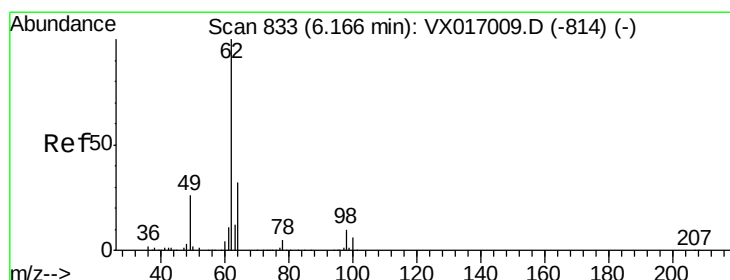
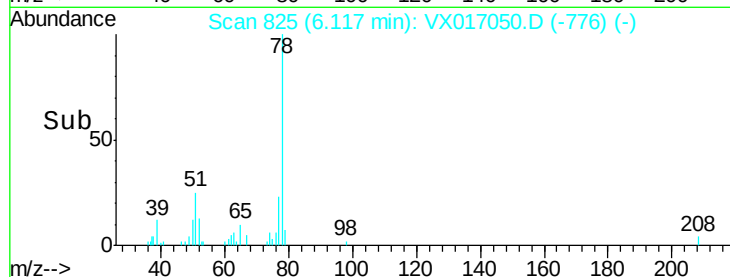
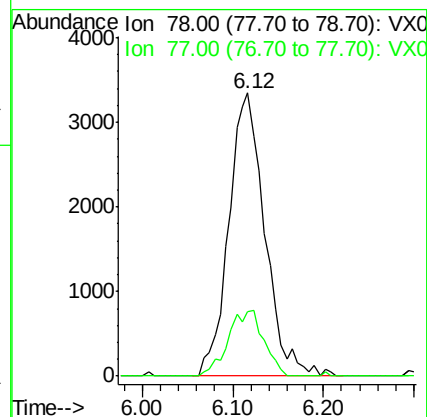
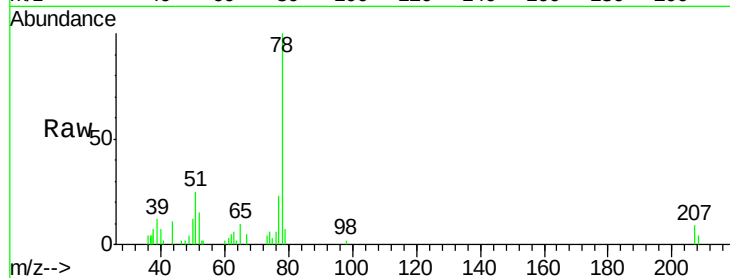
MW-1

Tgt Ion: 78 Resp: 9229

Ion Ratio Lower Upper

78 100

77 22.9 18.3 27.5



#42

1,2-Dichloroethane

Concen: 6.204 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017050.D

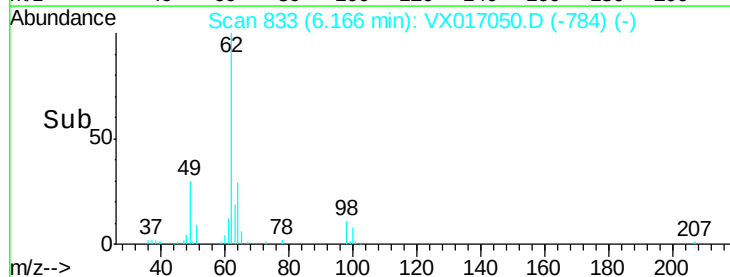
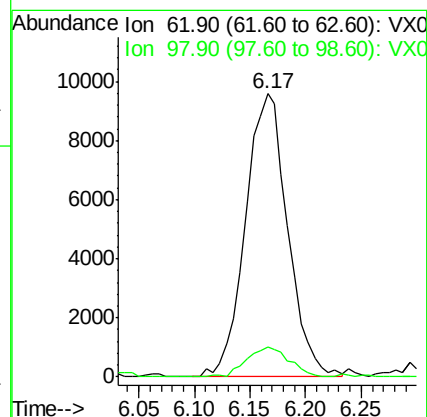
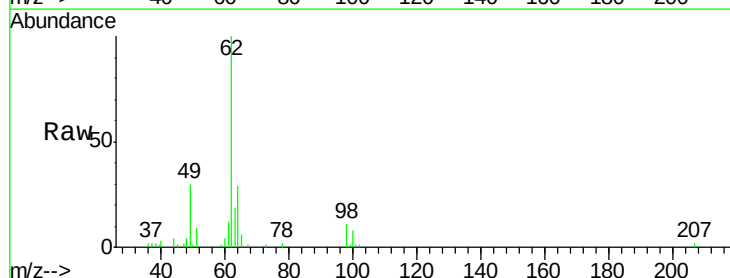
Acq: 30 Jun 2020 17:10

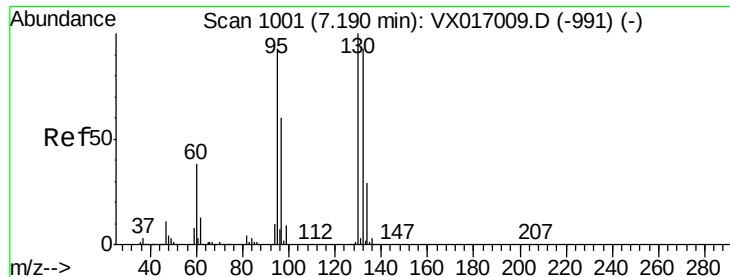
Tgt Ion: 62 Resp: 25238

Ion Ratio Lower Upper

62 100

98 10.7 0.0 19.2





#44

Trichloroethene

Concen: 0.844 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

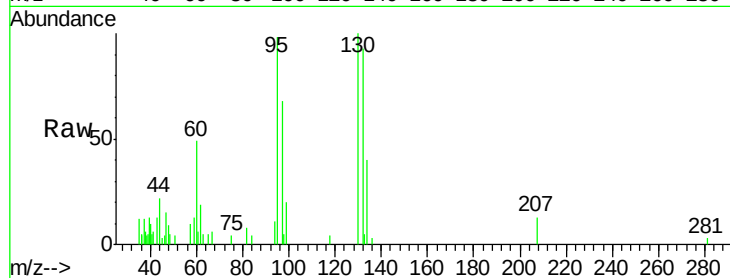
MW-1

Tgt Ion:130 Resp: 3569

Ion Ratio Lower Upper

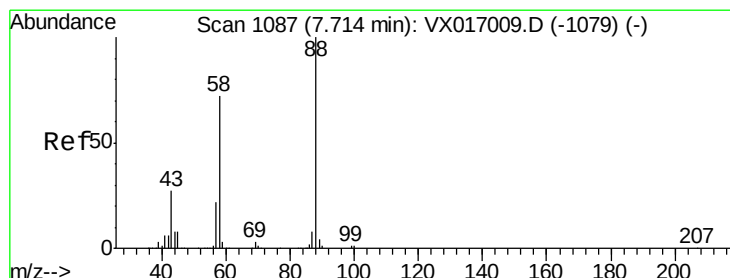
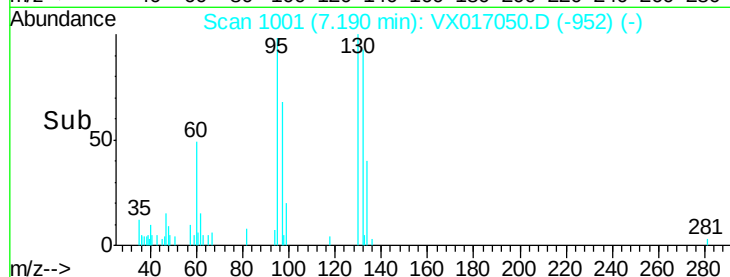
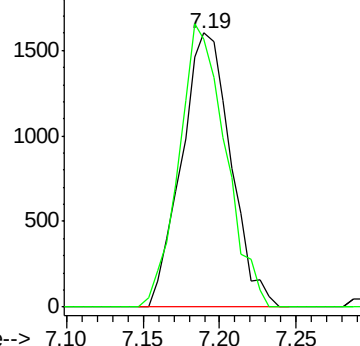
130 100

95 97.7 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 2437.815 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

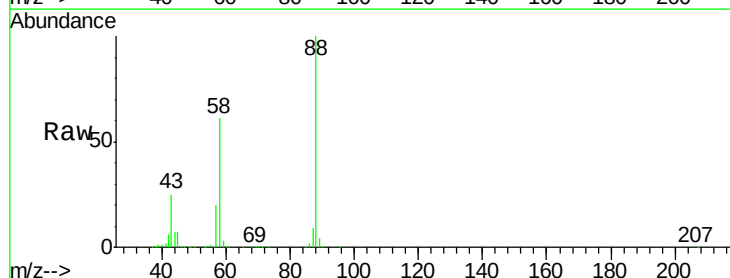
Tgt Ion: 88 Resp: 169574

Ion Ratio Lower Upper

88 100

43 27.1 25.8 38.8

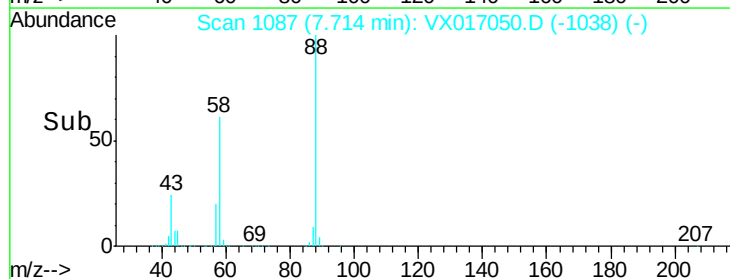
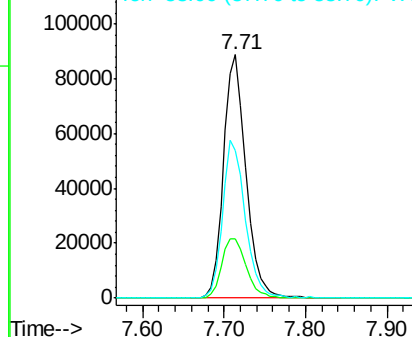
58 66.0 54.8 82.2

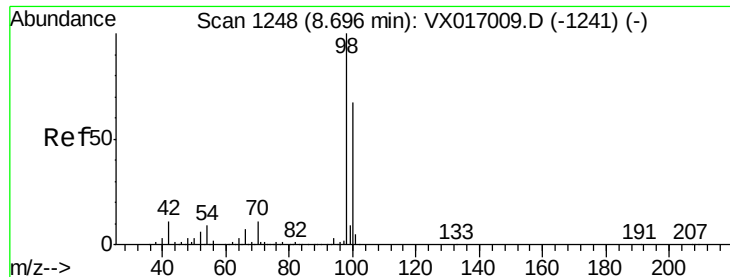


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.872 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

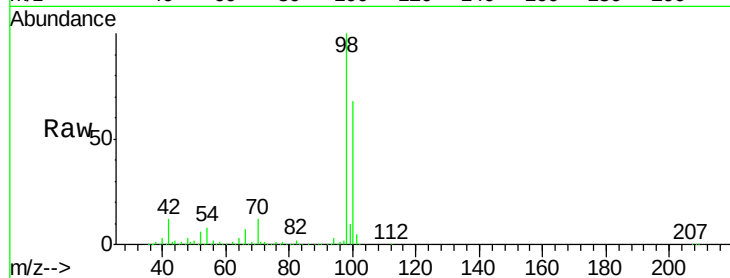
MW-1

Tgt Ion: 98 Resp: 492108

Ion Ratio Lower Upper

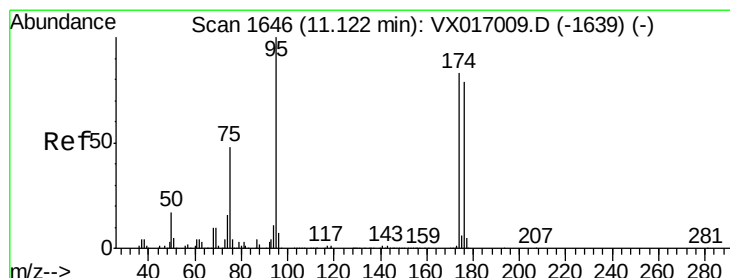
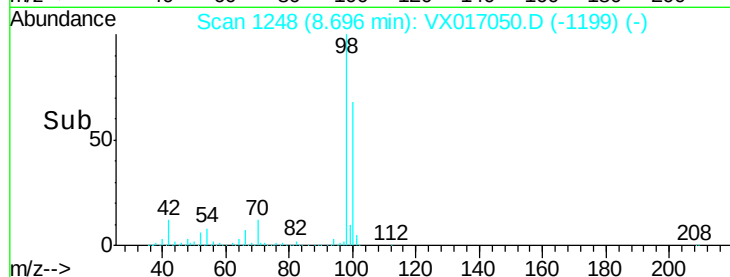
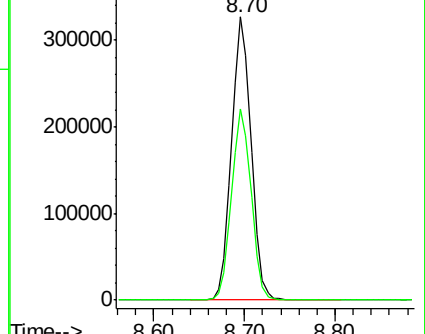
98 100

100 67.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.433 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017050.D

Acq: 30 Jun 2020 17:10

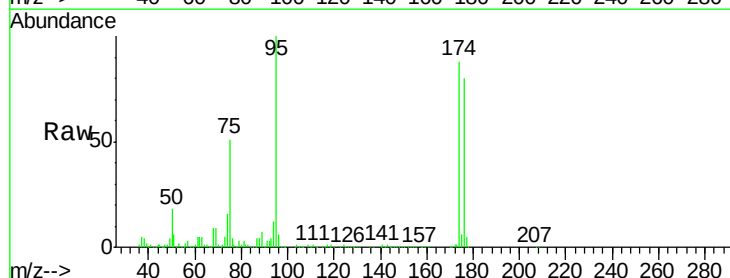
Tgt Ion: 95 Resp: 198162

Ion Ratio Lower Upper

95 100

174 84.7 0.0 164.0

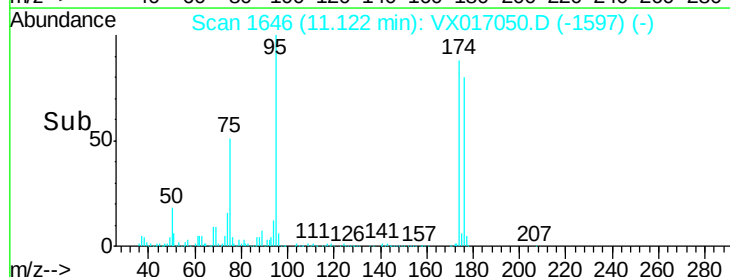
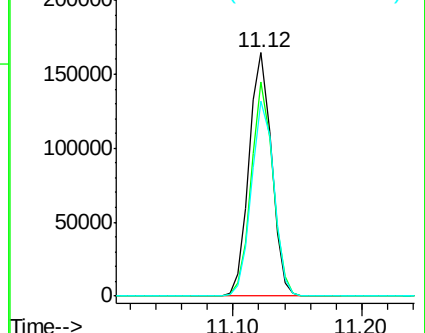
176 79.8 0.0 157.6

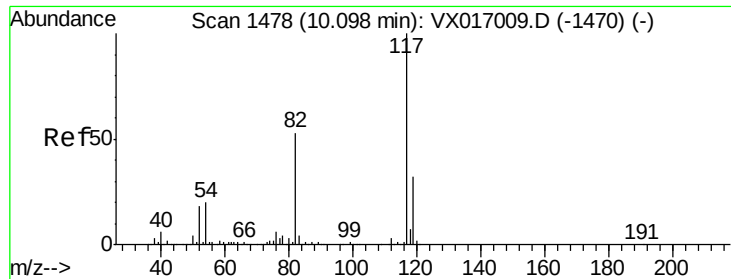


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

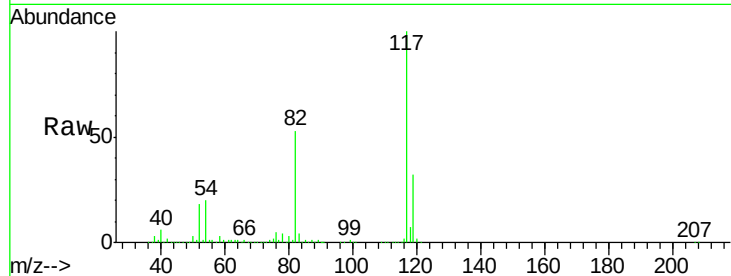




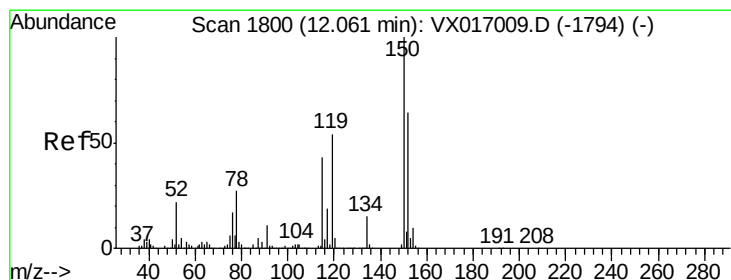
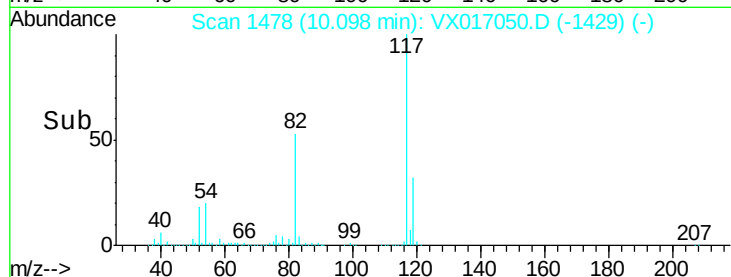
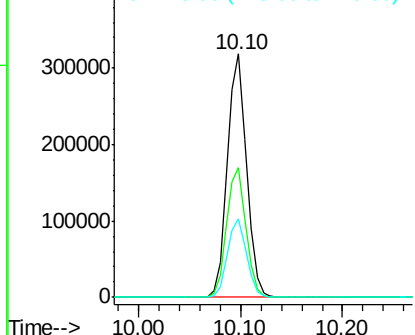
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017050.D
Acq: 30 Jun 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion:117 Resp: 411692
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 32.4 25.4 38.2

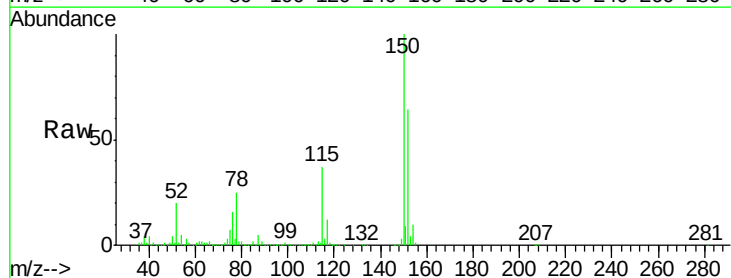


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017050.D
Acq: 30 Jun 2020 17:10

Tgt Ion:152 Resp: 207238
Ion Ratio Lower Upper
152 100
115 58.1 40.9 122.7
150 158.2 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

