

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016706.D
 Acq On : 11 Jun 2020 15:57
 Operator : JC/SP
 Sample : L2963-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-DUP-0565-200608

Quant Time: Jun 12 07:36:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	211115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	329941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	338168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172437	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	125053	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.47	113	103209	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
50) Toluene-d8	8.70	98	405213	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.12	95	162912	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	

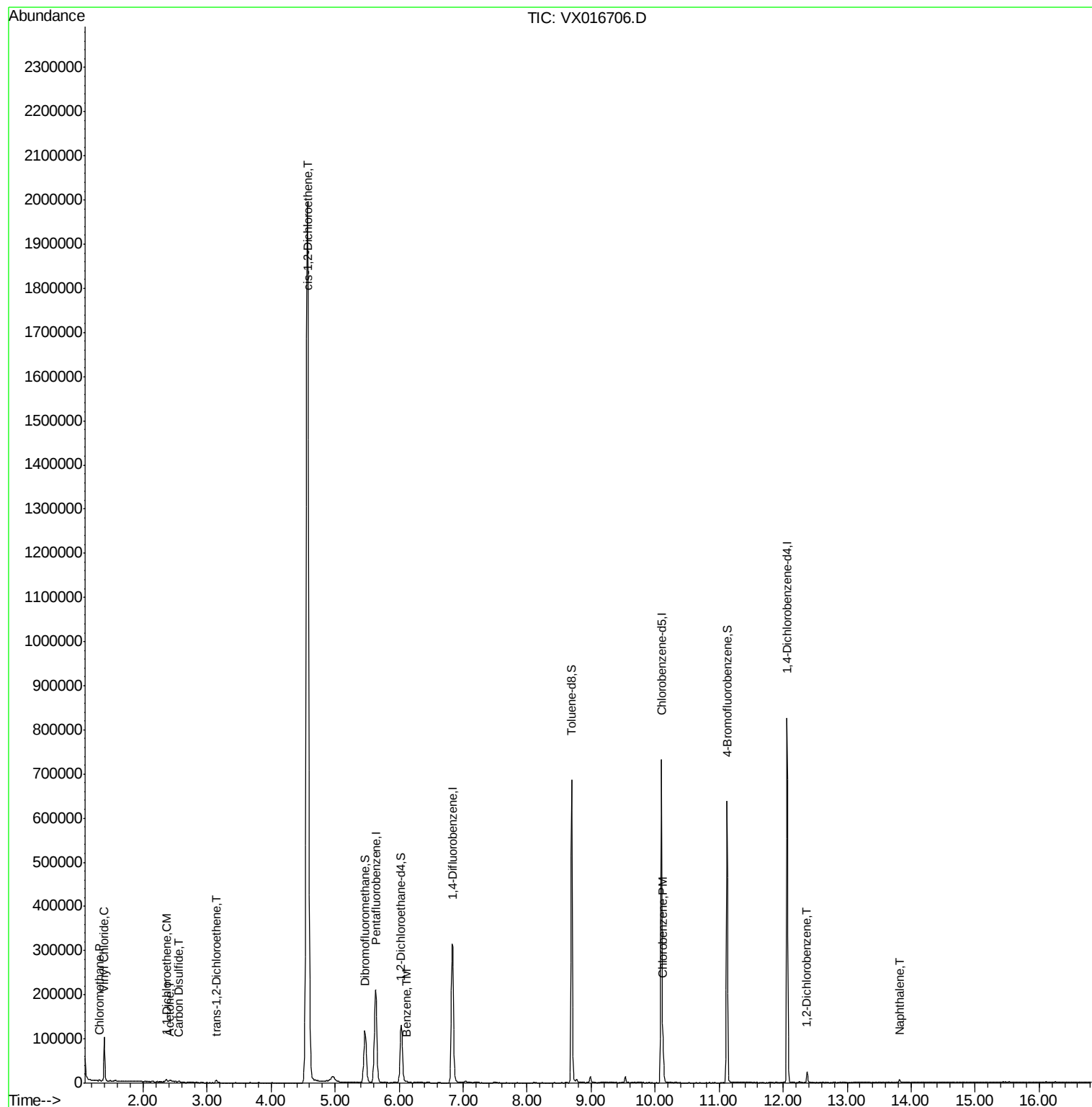
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1548	0.617	ug/l	94
4) Vinyl Chloride	1.39	62	56974	21.458	ug/l	98
12) 1,1-Dichloroethene	2.36	96	1810	0.891	ug/l	93
16) Acetone	2.41	43	3141	2.734	ug/l	94
17) Carbon Disulfide	2.55	76	2441	0.405	ug/l #	85
21) trans-1,2-Dichloroethene	3.15	96	2524	1.123	ug/l	86
27) cis-1,2-Dichloroethene	4.57	96	1332173	512.490	ug/l	88
40) Benzene	6.12	78	3400	0.365	ug/l	100
65) Chlorobenzene	10.12	112	35656	5.172	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	8472	1.611	ug/l	98
95) Naphthalene	13.82	128	4436	0.370	ug/l	100

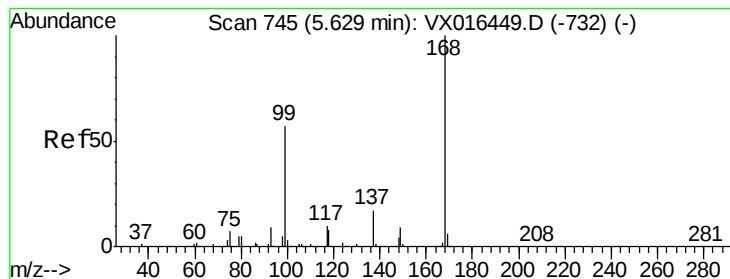
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061120\
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

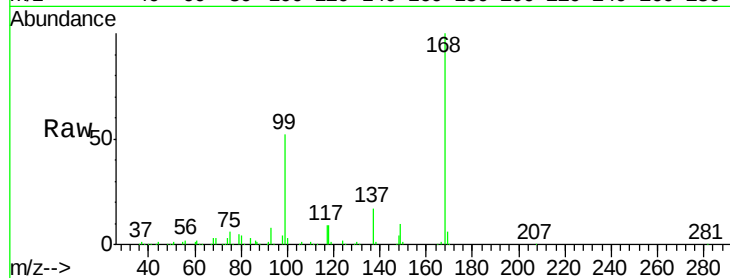
Z1-DUP-0565-200608

Tot Ion:168 Resp: 211115

Ion Ratio Lower Upper

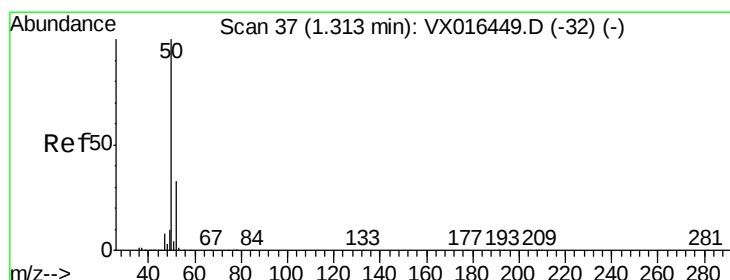
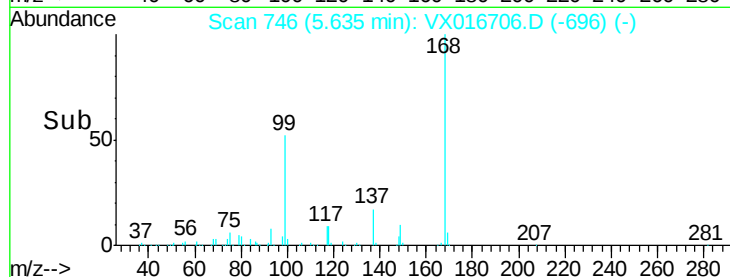
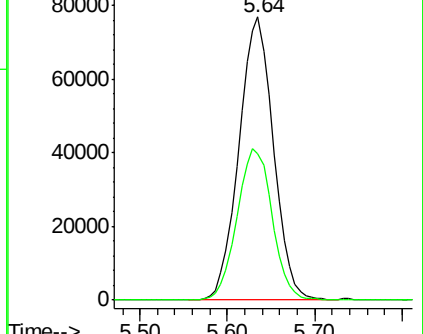
168 100

99 51.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.617 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016706.D

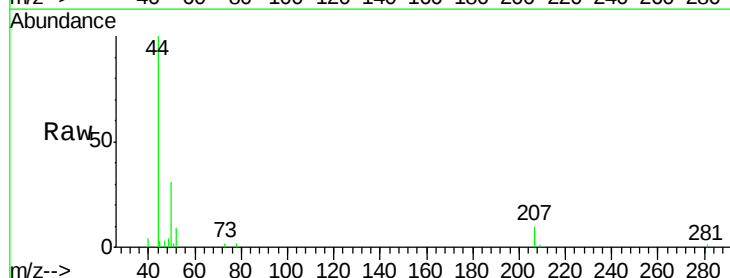
Acq: 11 Jun 2020 15:57

Tgt Ion: 50 Resp: 1548

Ion Ratio Lower Upper

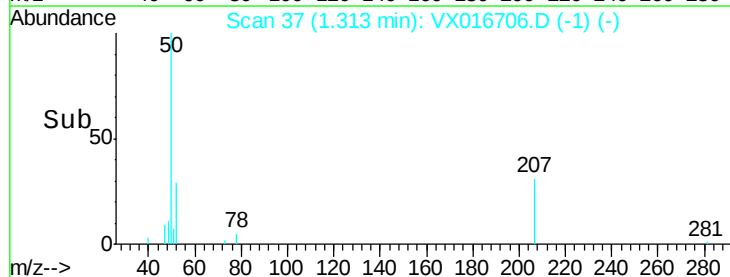
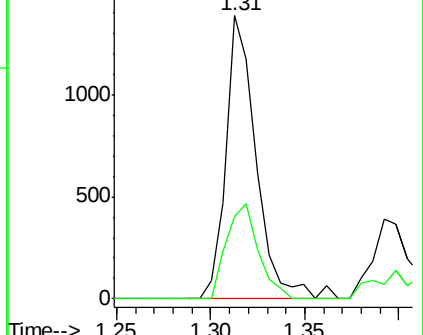
50 100

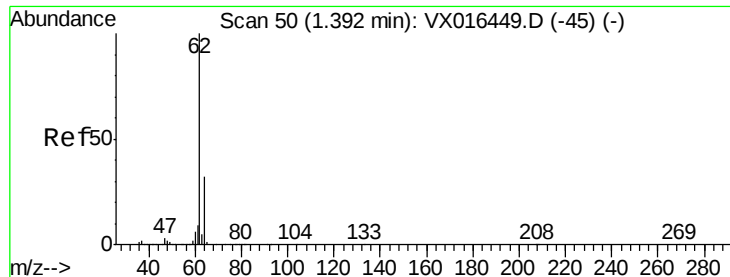
52 29.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 21.458 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

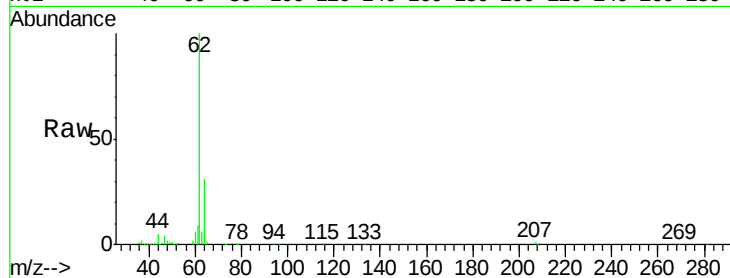
Z1-DUP-0565-200608

Tot Ion: 62 Resp: 56974

Ion Ratio Lower Upper

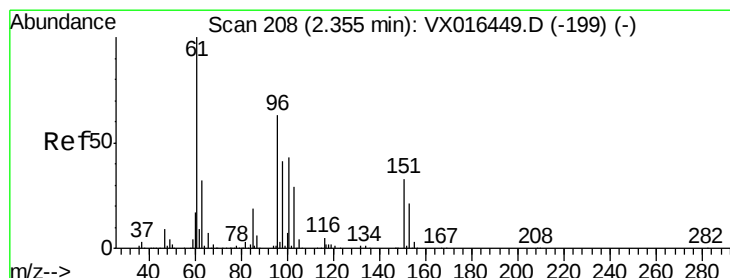
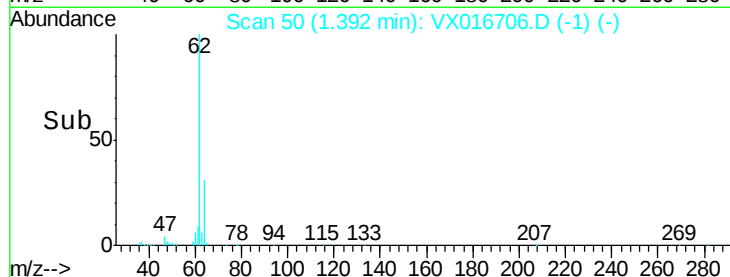
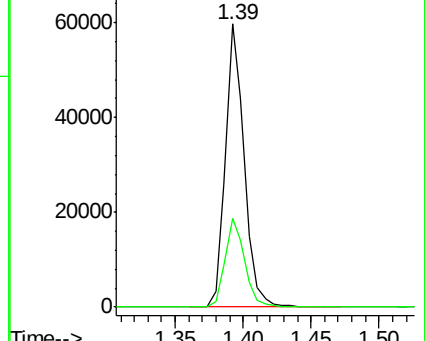
62 100

64 31.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#12

1,1-Dichloroethene

Concen: 0.891 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

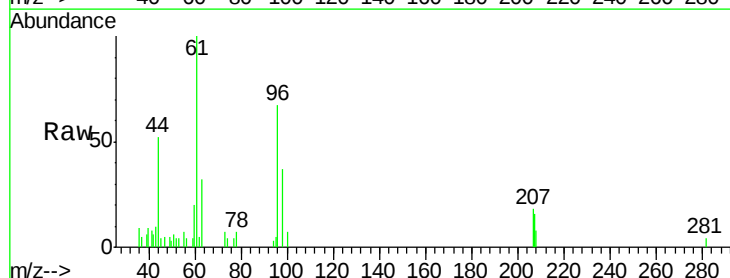
Tgt Ion: 96 Resp: 1810

Ion Ratio Lower Upper

96 100

61 150.3 126.6 189.8

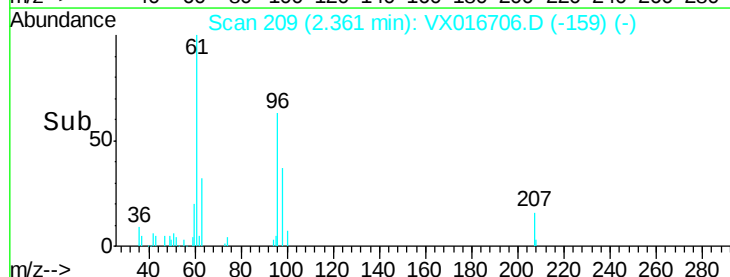
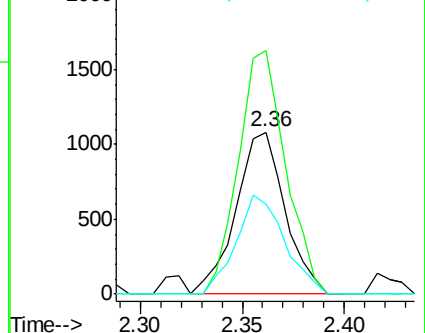
98 55.8 51.3 76.9

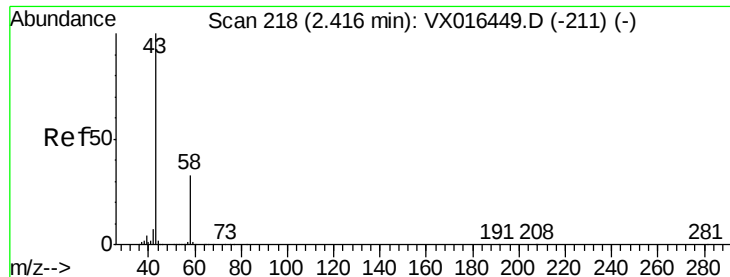


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 2.734 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

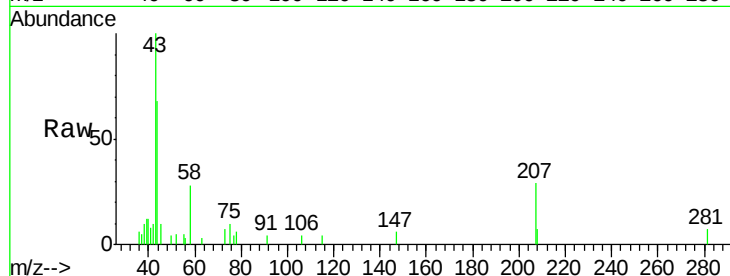
Z1-DUP-0565-200608

Tot Ion: 43 Resp: 3141

Ion Ratio Lower Upper

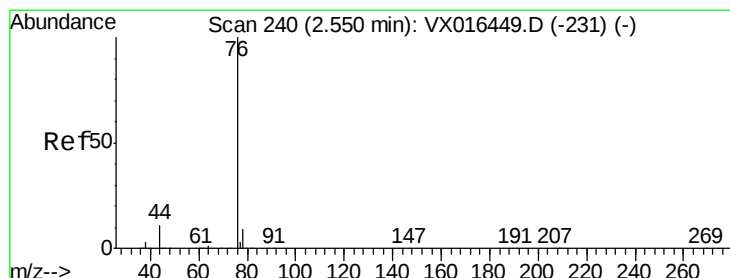
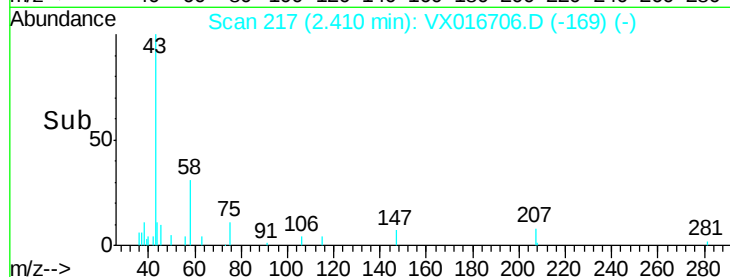
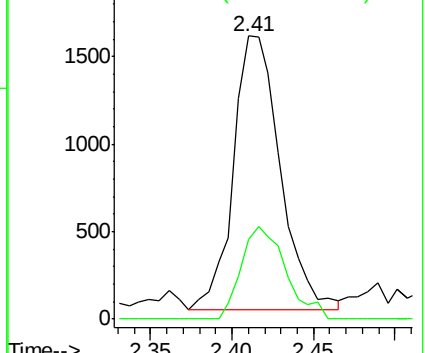
43 100

58 29.2 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.405 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016706.D

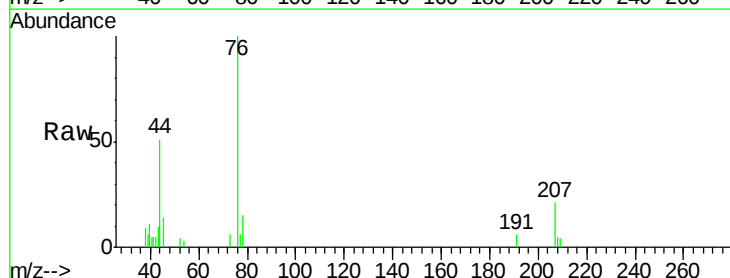
Acq: 11 Jun 2020 15:57

Tgt Ion: 76 Resp: 2441

Ion Ratio Lower Upper

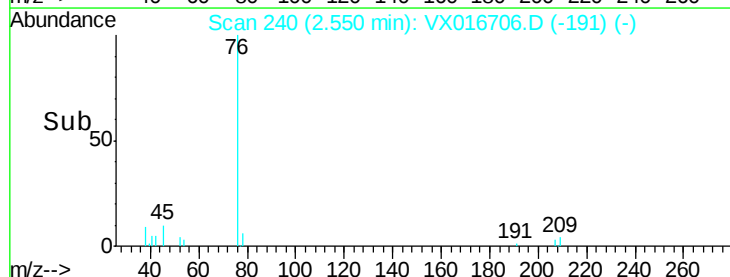
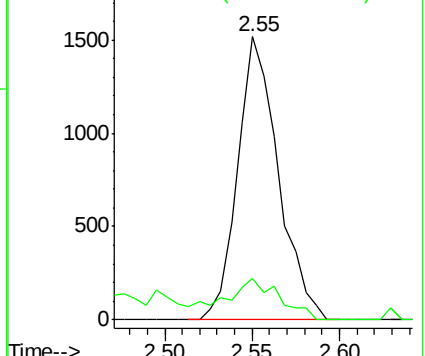
76 100

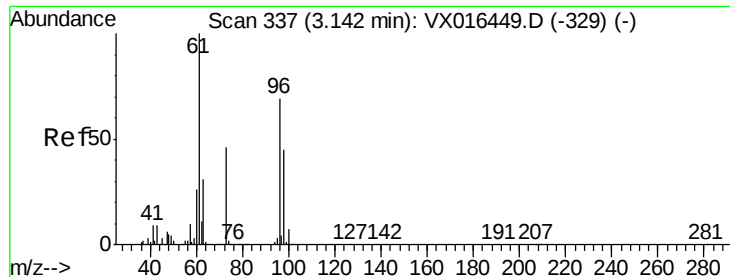
78 14.7 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.123 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0565-200608

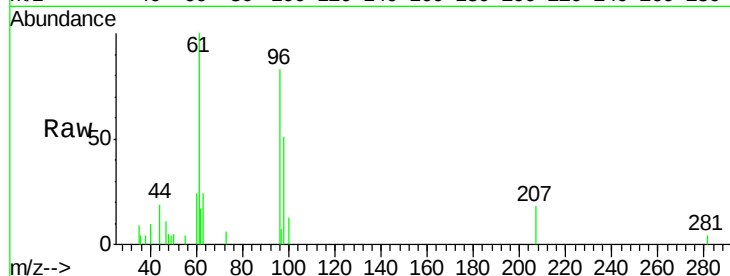
Tot Ion: 96 Resp: 2524

Ion Ratio Lower Upper

96 100

61 120.9 115.3 172.9

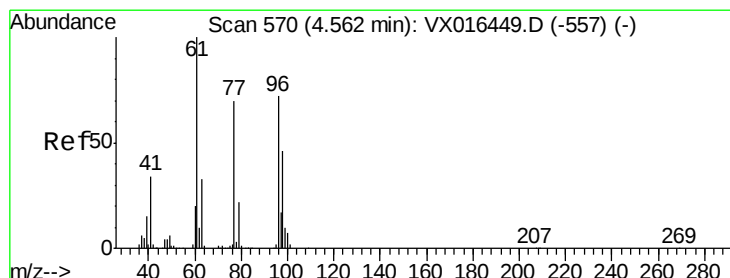
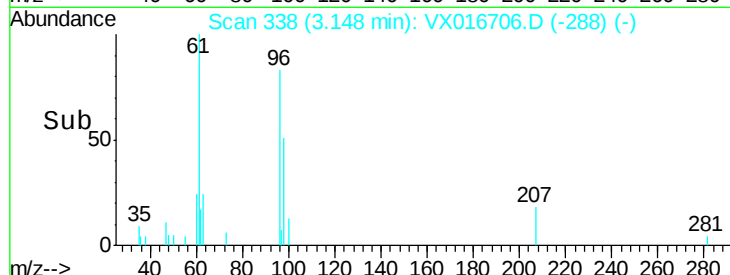
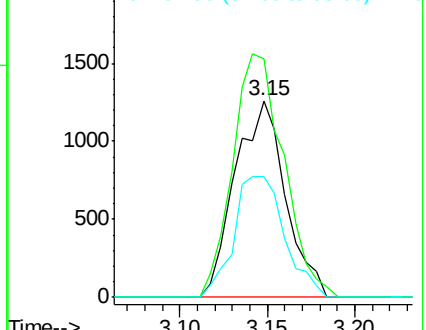
98 61.4 51.9 77.9



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



#27

cis-1,2-Dichloroethene

Concen: 512.490 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

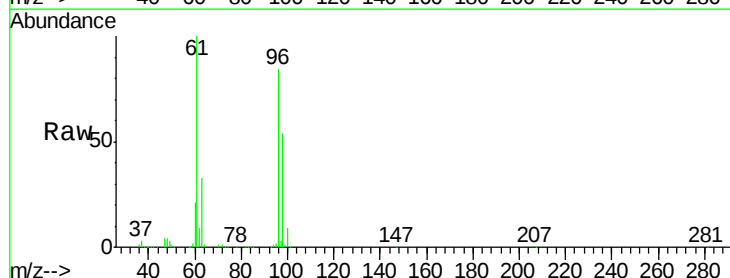
Tgt Ion: 96 Resp: 1332173

Ion Ratio Lower Upper

96 100

61 121.5 0.0 284.6

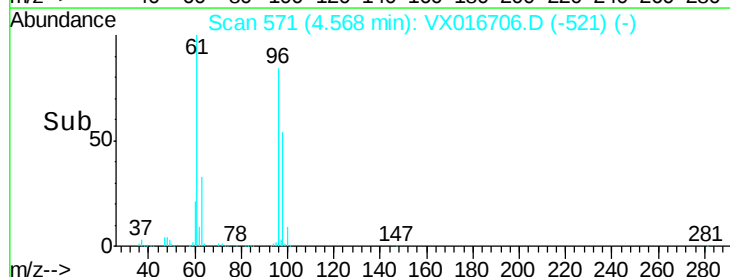
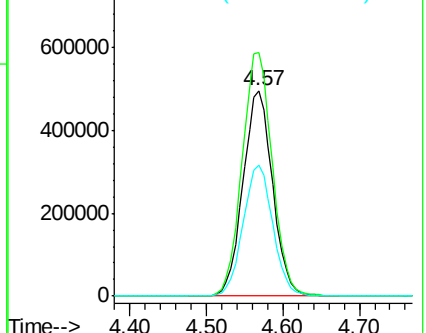
98 64.4 0.0 127.2

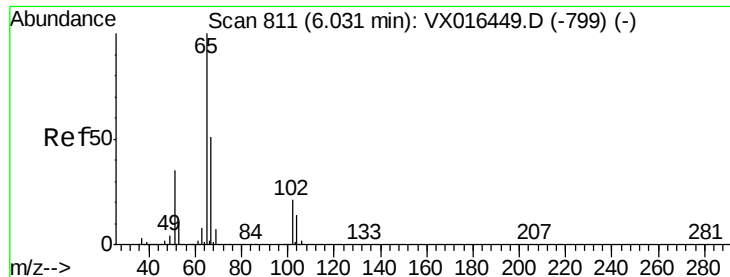


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.698 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

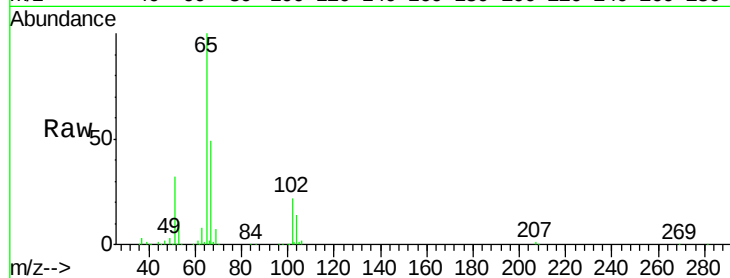
Z1-DUP-0565-200608

Tot Ion: 65 Resp: 125053

Ion Ratio Lower Upper

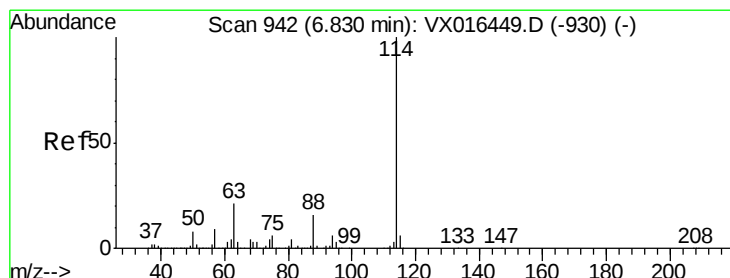
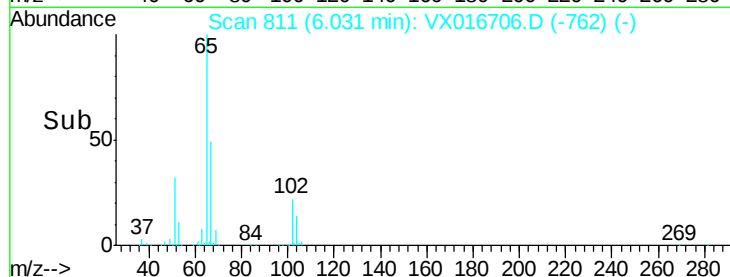
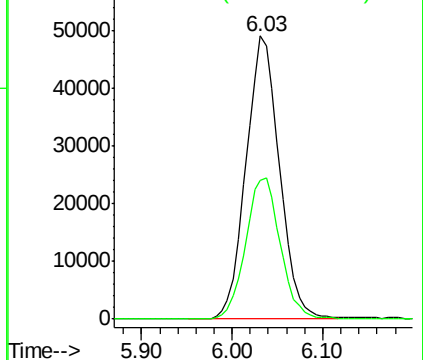
65 100

67 51.6 0.0 104.8



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: VX016706.D

Acq: 11 Jun 2020 15:57

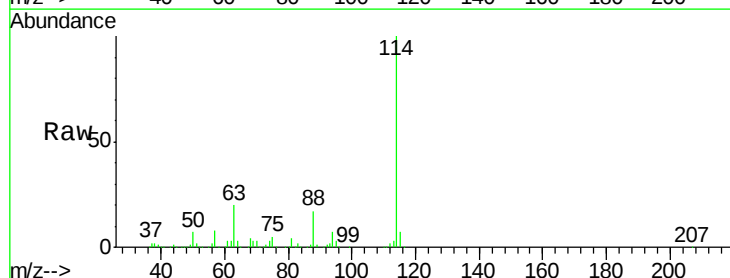
Tgt Ion: 114 Resp: 329941

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

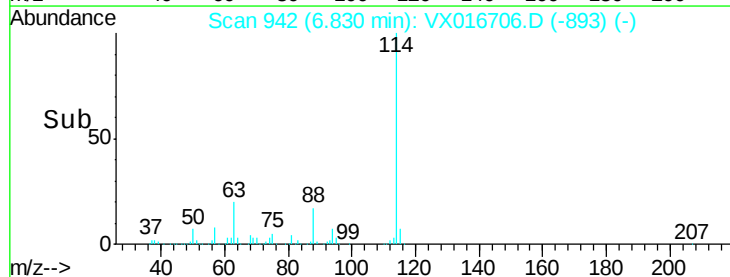
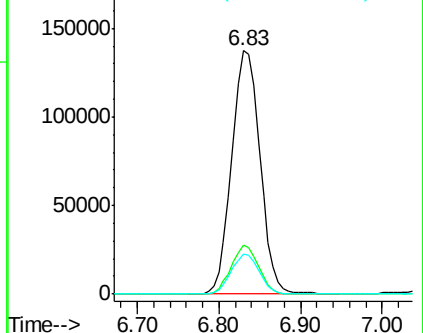
88 16.6 0.0 32.8

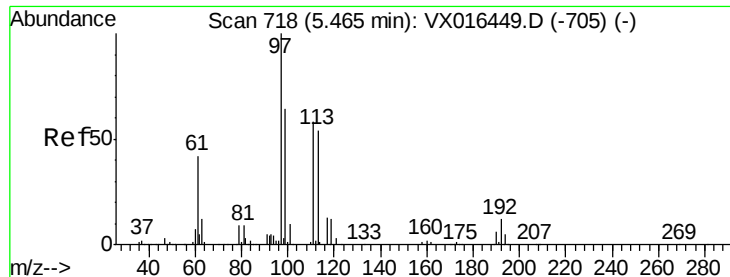


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

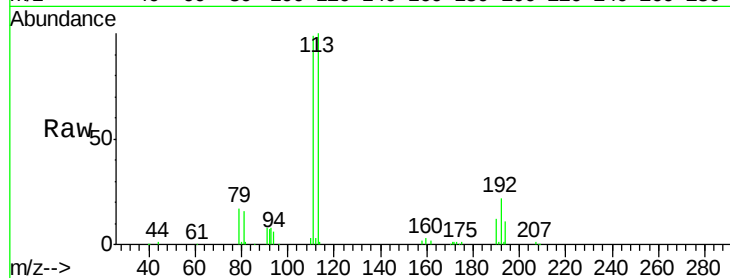




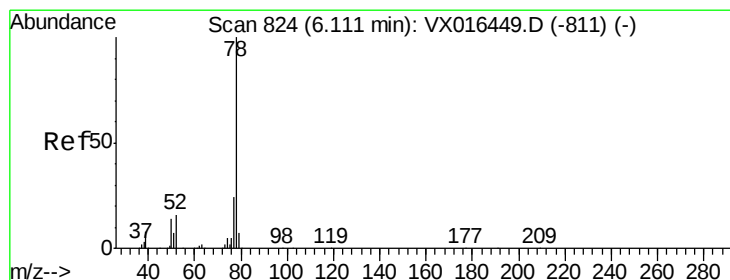
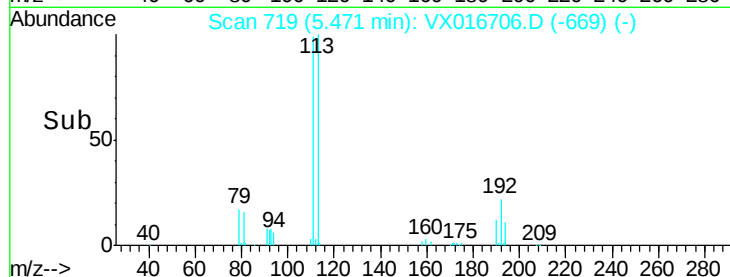
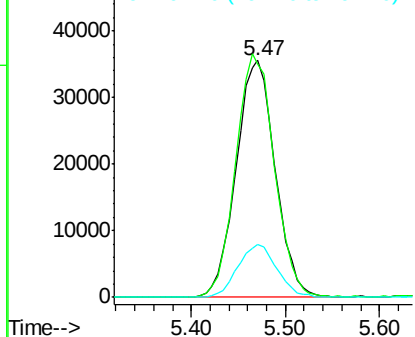
#35
 Dibromofluoromethane
 Concen: 50.802 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016706.D
 Acq: 11 Jun 2020 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-DUP-0565-200608

Tot Ion:113 Resp: 103209
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.0 124.6
 192 22.4 17.7 26.5

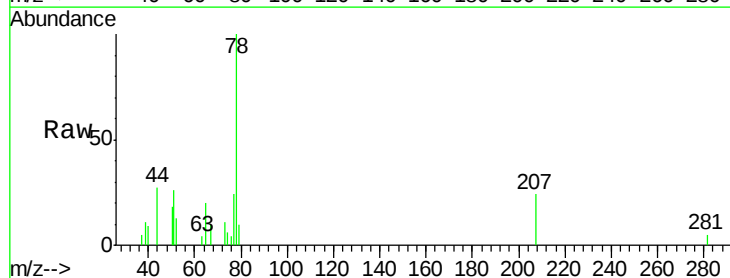


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

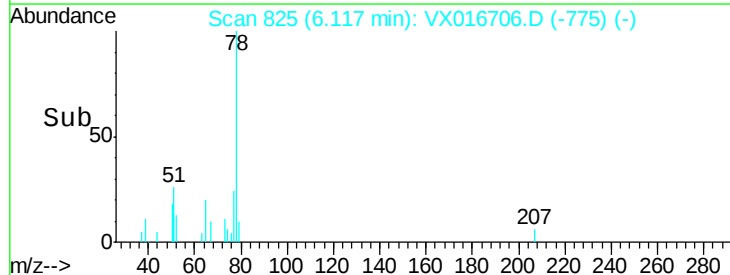
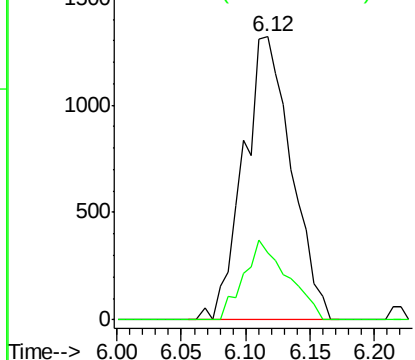


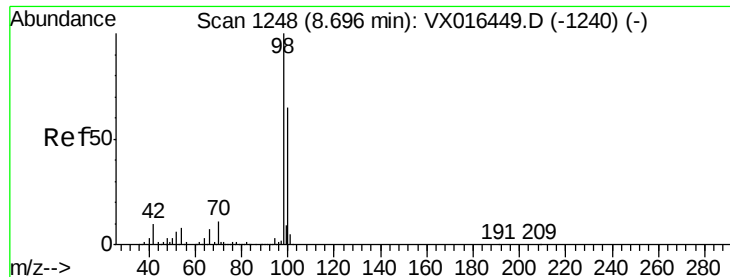
#40
 Benzene
 Concen: 0.365 ug/l
 RT: 6.12 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: VX016706.D
 Acq: 11 Jun 2020 15:57

Tgt Ion: 78 Resp: 3400
 Ion Ratio Lower Upper
 78 100
 77 23.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 51.245 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

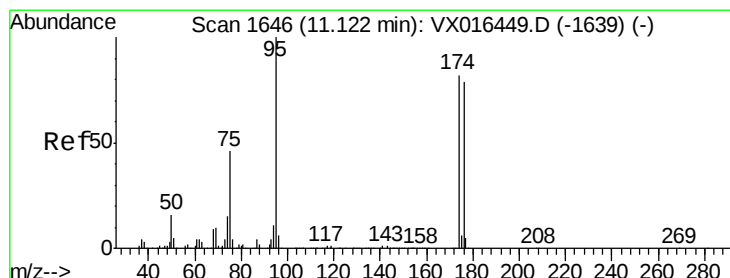
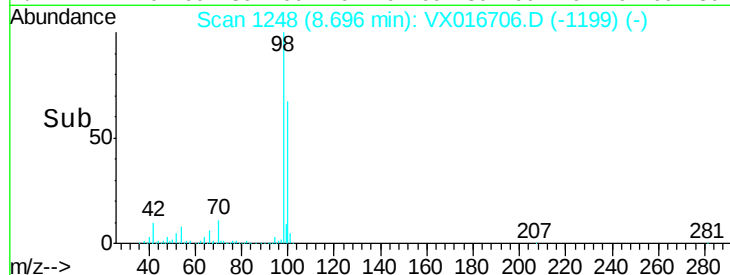
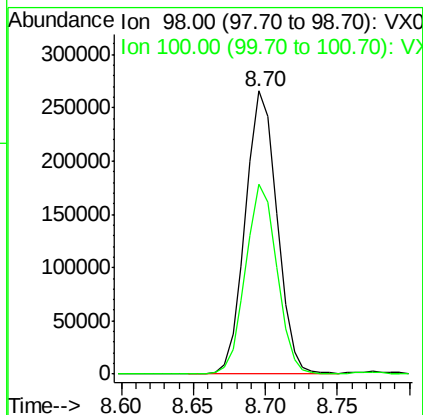
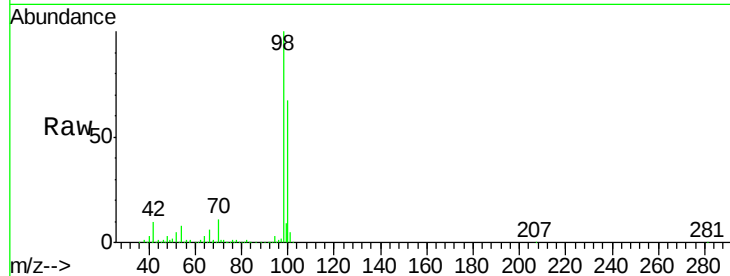
Z1-DUP-0565-200608

Tot Ion: 98 Resp: 405213

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 53.319 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

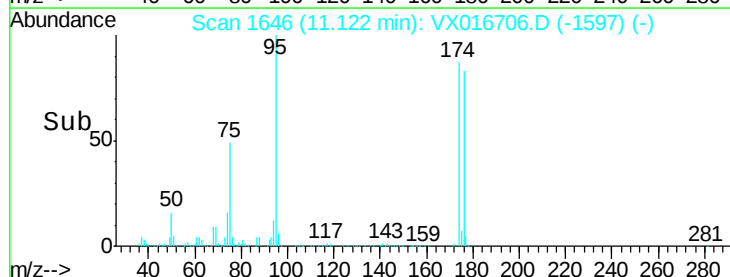
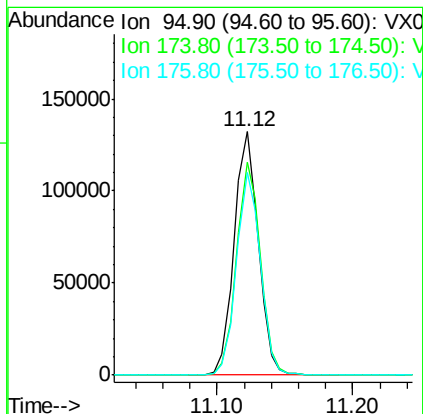
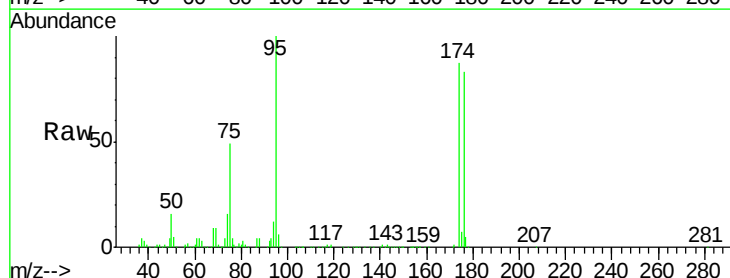
Tgt Ion: 95 Resp: 162912

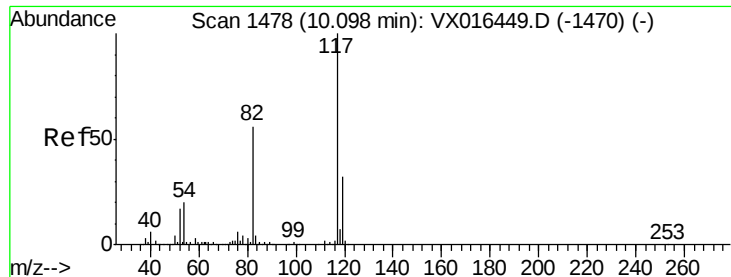
Ion Ratio Lower Upper

95 100

174 87.1 0.0 163.0

176 82.8 0.0 156.8

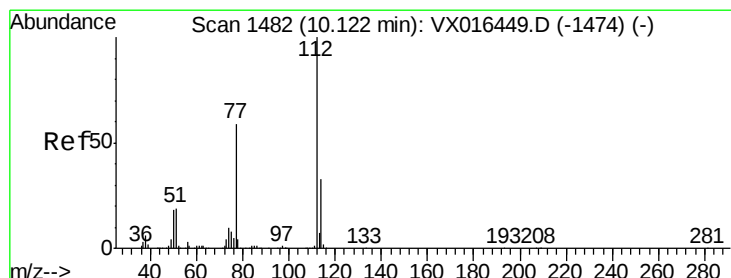
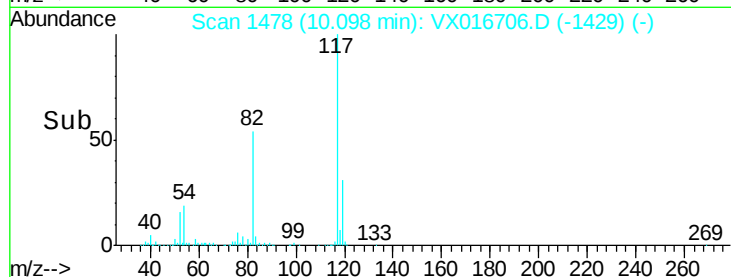
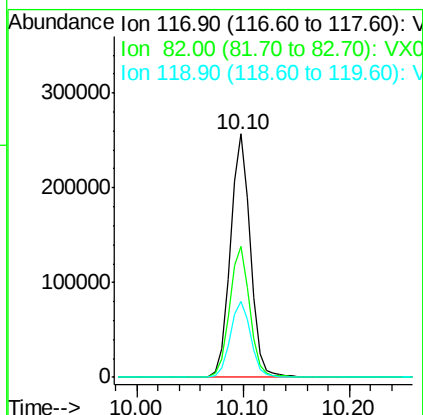
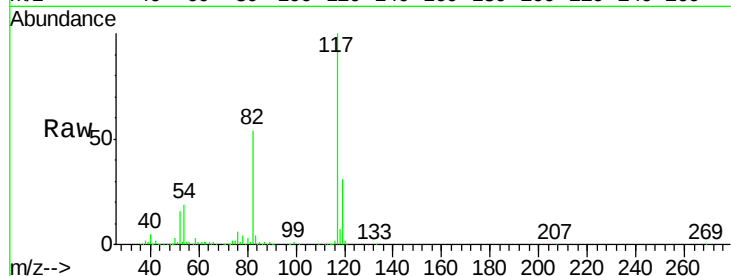




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016706.D
Acq: 11 Jun 2020 15:57

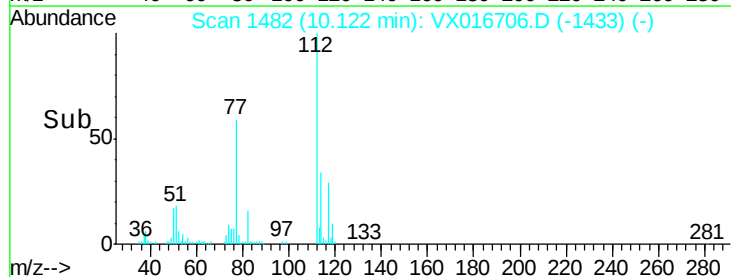
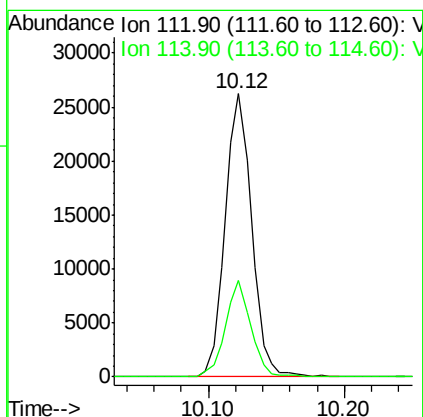
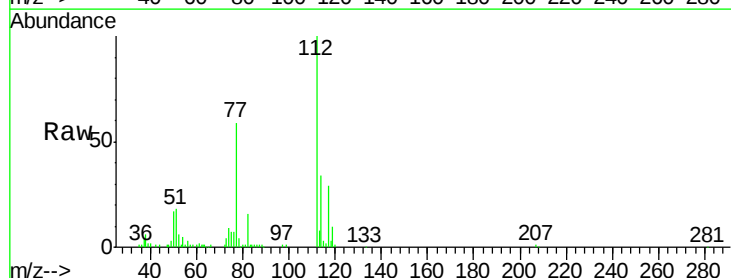
Instrument :
MSVOA_X
ClientSampleId :
Z1-DUP-0565-200608

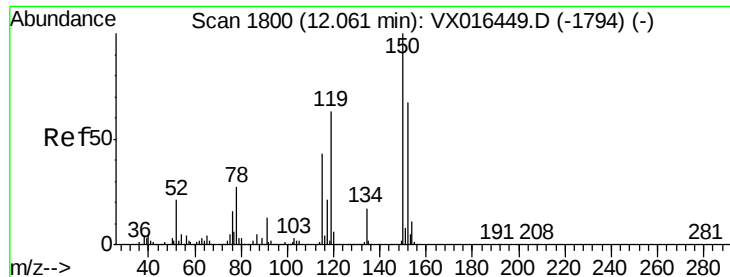
Tot Ion:117 Resp: 338168
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.6
119 31.1 25.8 38.8



#65
Chlorobenzene
Concen: 5.172 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016706.D
Acq: 11 Jun 2020 15:57

Tgt Ion:112 Resp: 35656
Ion Ratio Lower Upper
112 100
114 34.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0565-200608

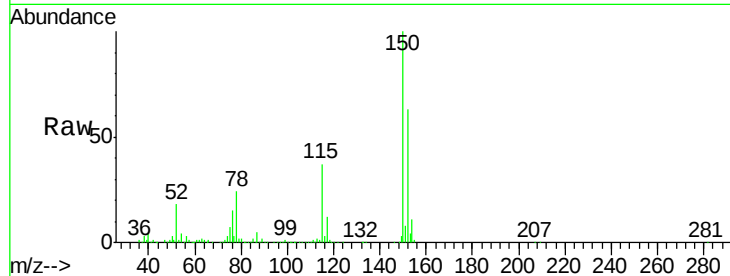
Tot Ion:152 Resp: 172437

Ion Ratio Lower Upper

152 100

115 58.9 39.9 119.6

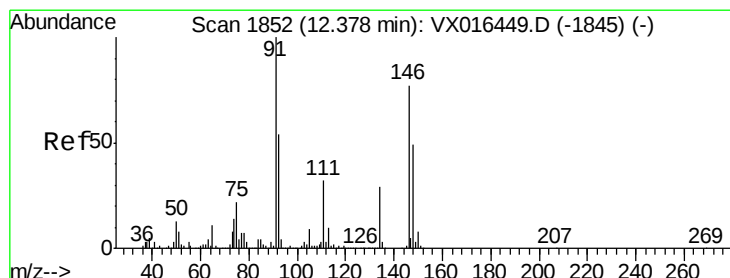
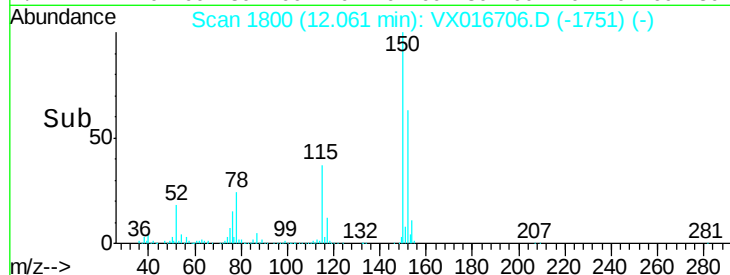
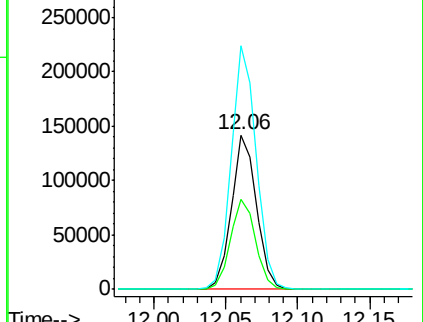
150 158.7 0.0 341.0



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



#91

1,2-Dichlorobenzene

Concen: 1.611 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

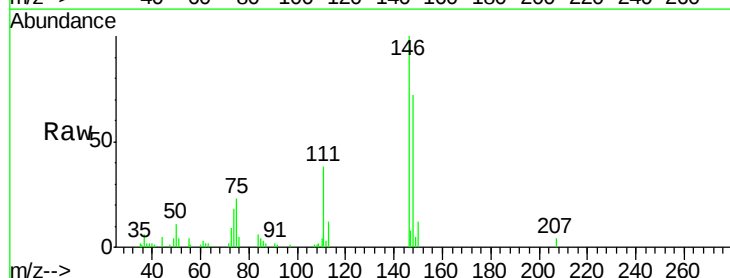
Tgt Ion:146 Resp: 8472

Ion Ratio Lower Upper

146 100

111 42.6 21.4 64.3

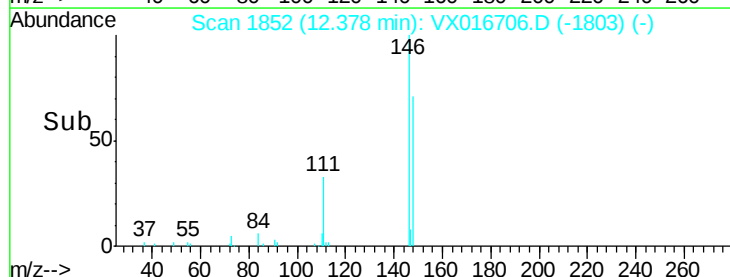
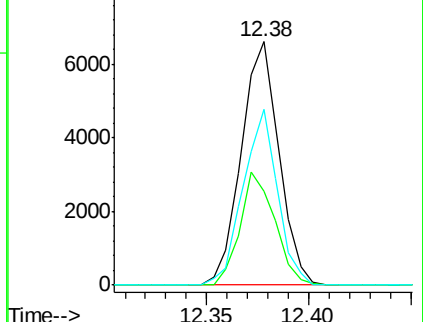
148 65.9 31.9 95.7

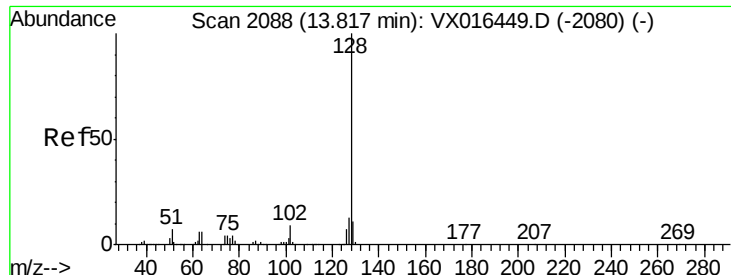


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#95

Naphthalene

Concen: 0.370 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016706.D

Acq: 11 Jun 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0565-200608

Tot Ion:128 Resp: 4436

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.5 8.6 13.0

