

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016984.D
 Acq On : 26 Jun 2020 15:29
 Operator : JC/SP
 Sample : L3117-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200624

Quant Time: Jun 29 06:14:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

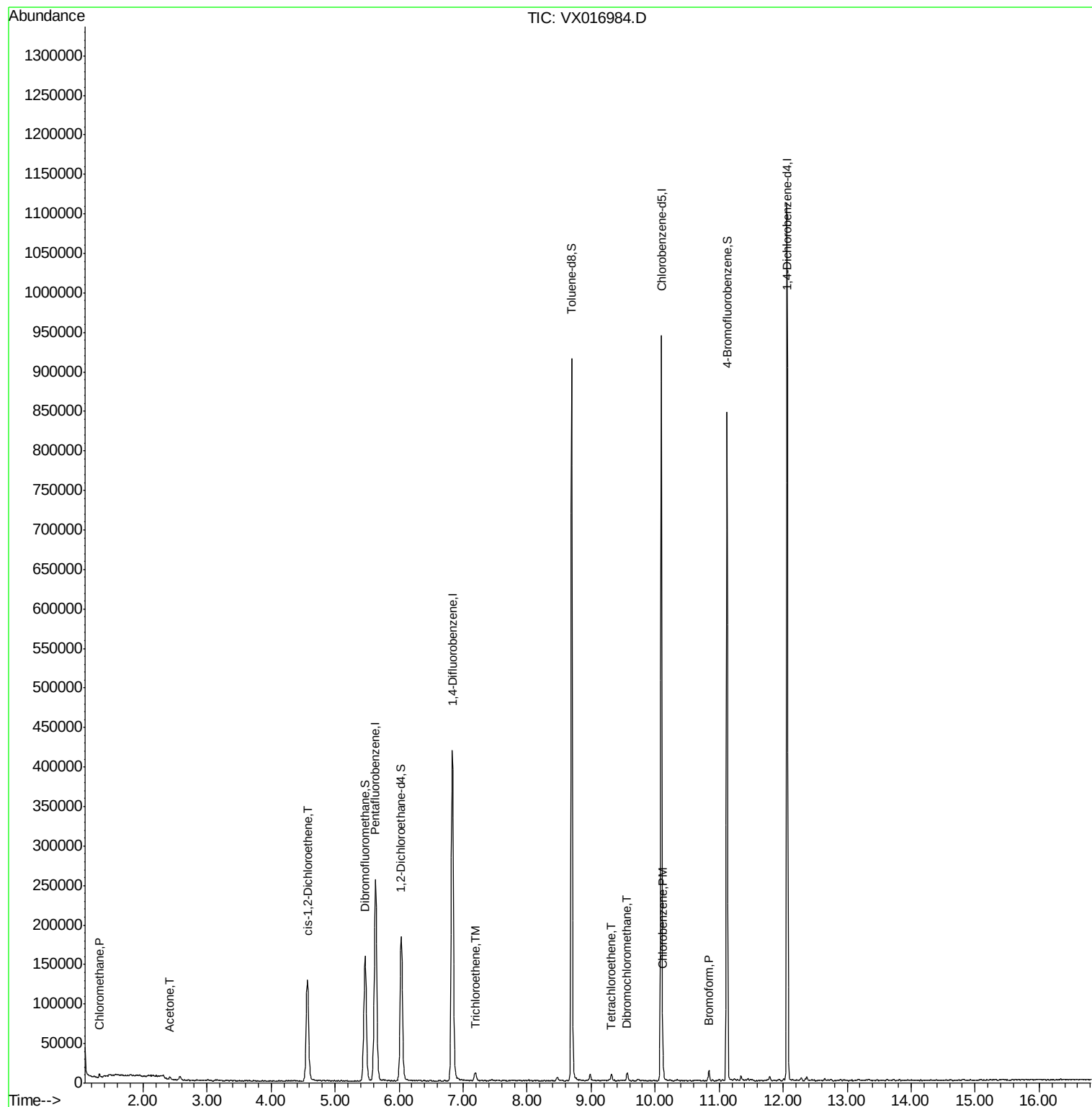
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	222754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	400307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	181464	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	5.47	113	134959	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	8.70	98	501543	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.12	95	208831	55.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.64%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	3140	1.151	ug/l	97
16) Acetone	2.42	43	3495	2.658	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	77783	25.232	ug/l	91
44) Trichloroethene	7.18	130	3778	1.246	ug/l	66
60) Dibromochloromethane	9.56	129	4164	1.266	ug/l	94
64) Tetrachloroethene	9.32	164	1446	0.534	ug/l	84
65) Chlorobenzene	10.12	112	6645	0.812	ug/l	97
71) Bromoform	10.84	173	4262	1.762	ug/l #	83

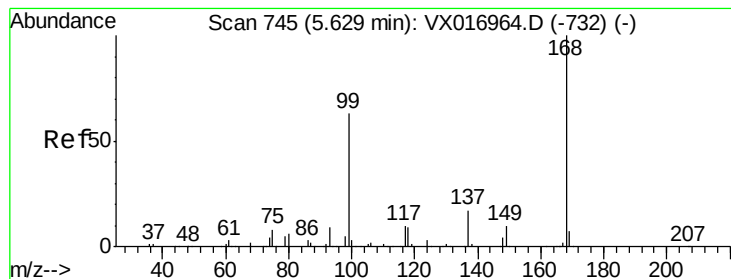
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062620\
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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 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: VX016984.D

Acq: 26 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

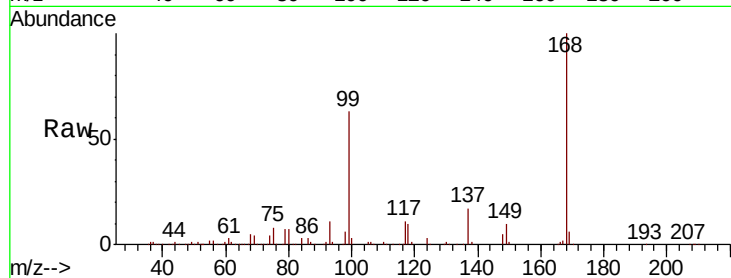
KY038PS027-200624

Tot Ion:168 Resp: 222754

Ion Ratio Lower Upper

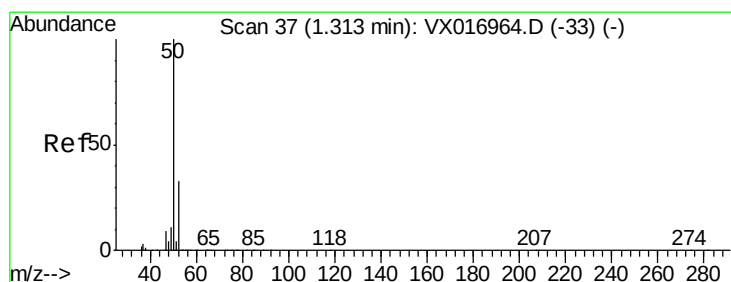
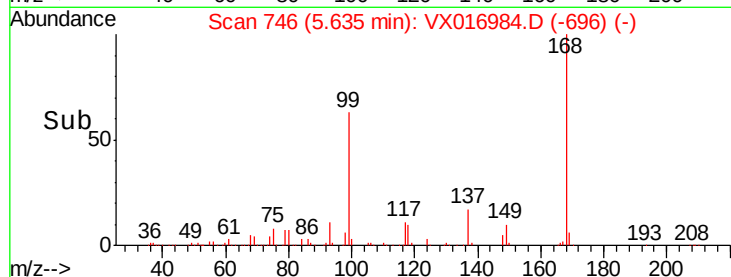
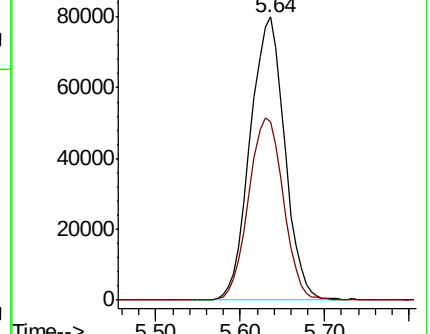
168 100

99 62.9 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.151 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016984.D

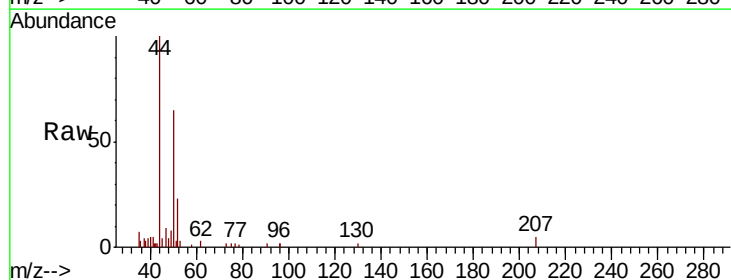
Acq: 26 Jun 2020 15:29

Tgt Ion: 50 Resp: 3140

Ion Ratio Lower Upper

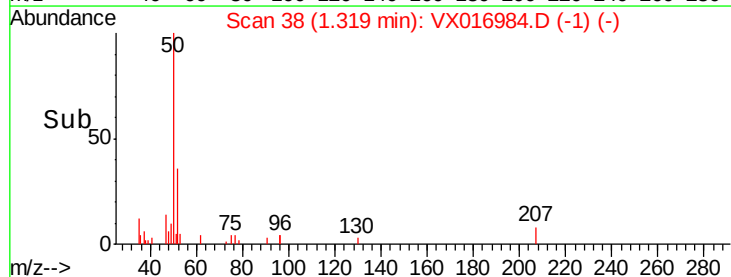
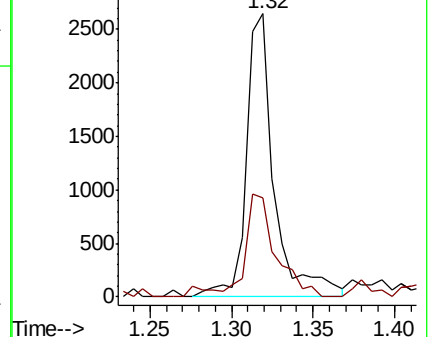
50 100

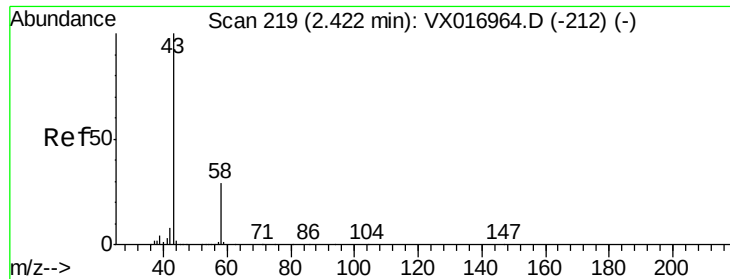
52 35.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 2.658 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016984.D

Acq: 26 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

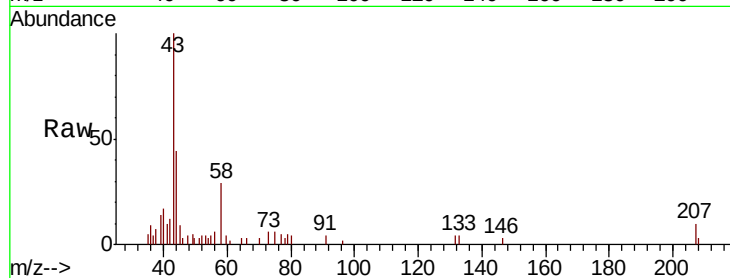
KY038PS027-200624

Tot Ion: 43 Resp: 3495

Ion Ratio Lower Upper

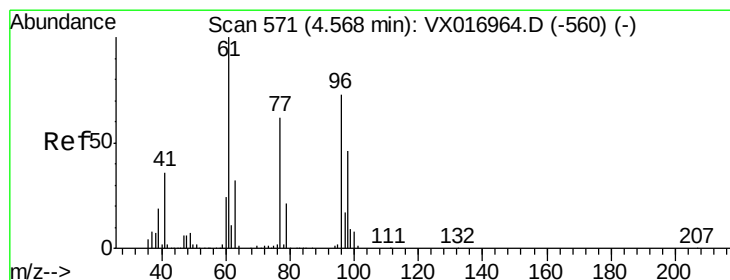
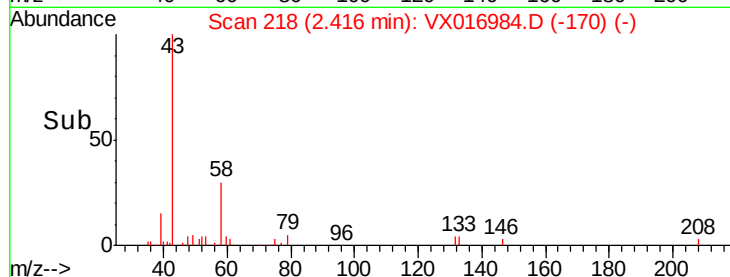
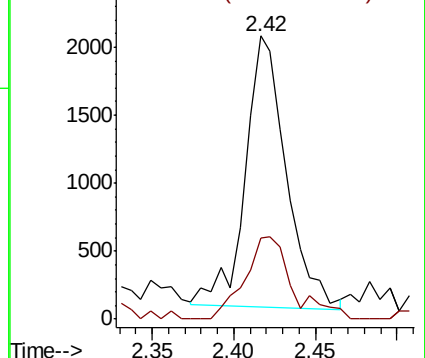
43 100

58 30.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 25.232 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016984.D

Acq: 26 Jun 2020 15:29

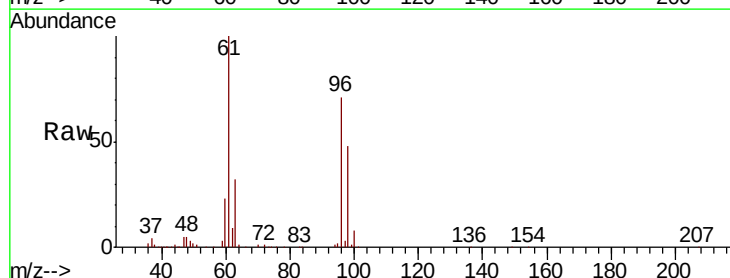
Tgt Ion: 96 Resp: 77783

Ion Ratio Lower Upper

96 100

61 137.0 0.0 307.2

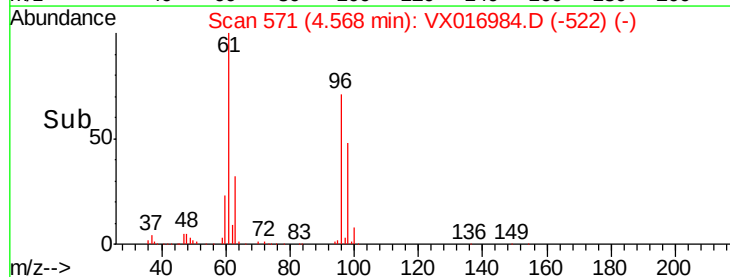
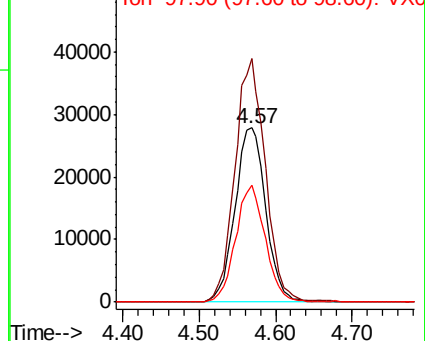
98 64.3 0.0 128.4

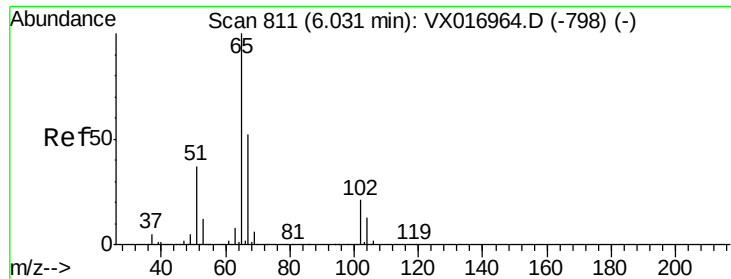


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

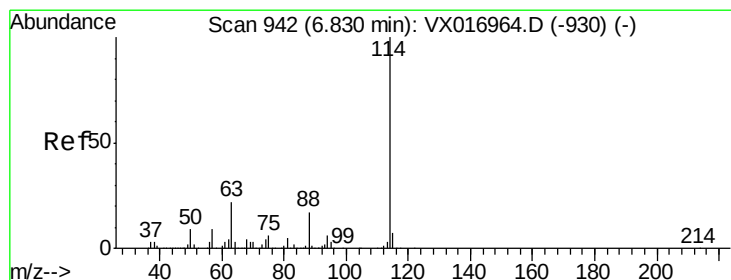
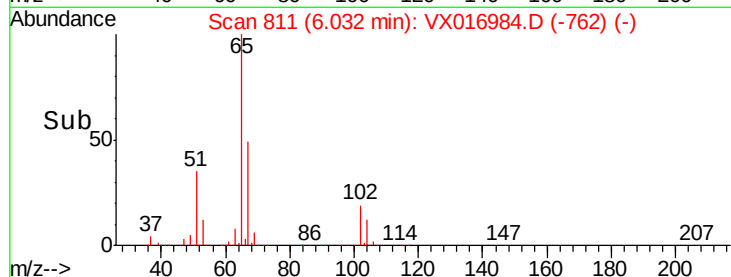
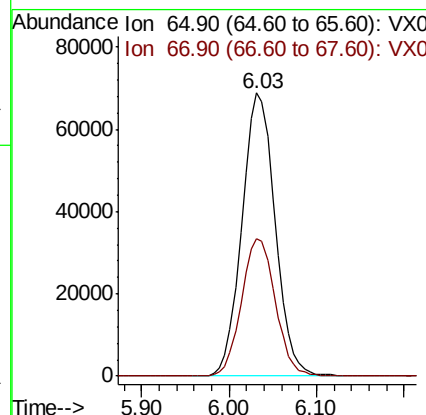
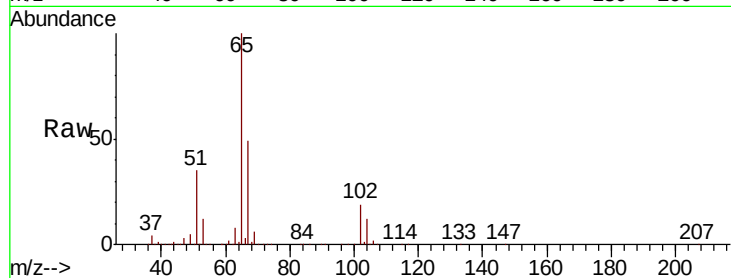




#33
 1,2-Dichloroethane-d4
 Concen: 53.946 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016984.D
 Acq: 26 Jun 2020 15:29

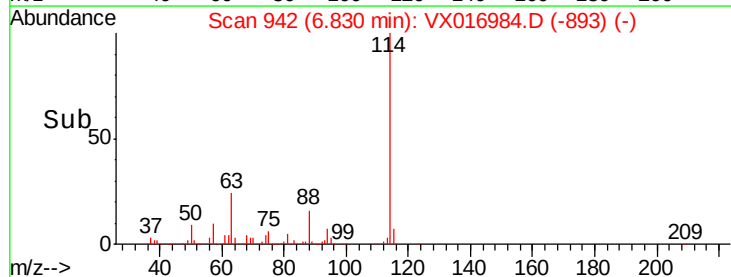
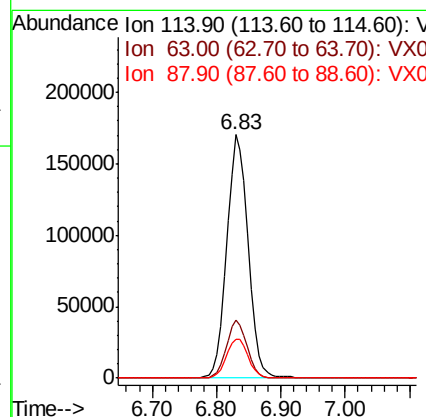
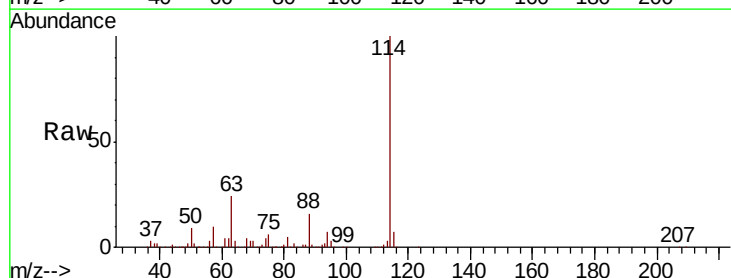
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200624

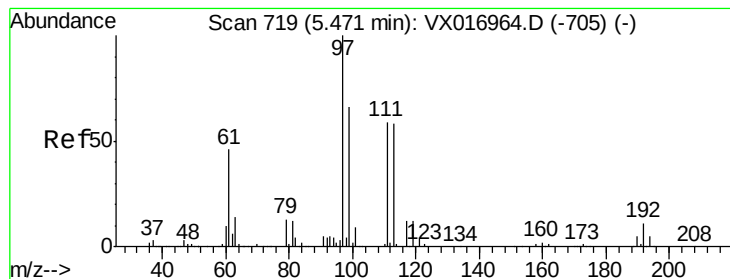
Tot Ion: 65 Resp: 181464
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016984.D
 Acq: 26 Jun 2020 15:29

Tgt Ion: 114 Resp: 399595
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 44.4
 88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.136 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016984.D

Acq: 26 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200624

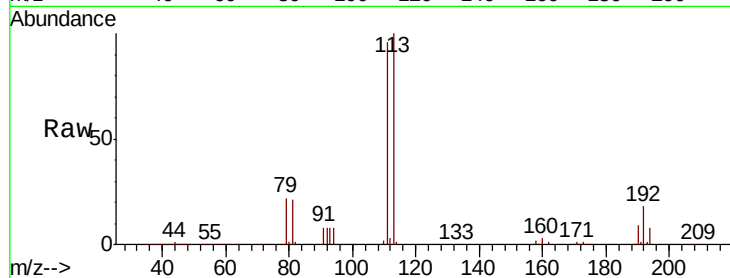
Tot Ion:113 Resp: 134959

Ion Ratio Lower Upper

113 100

111 103.1 84.3 126.5

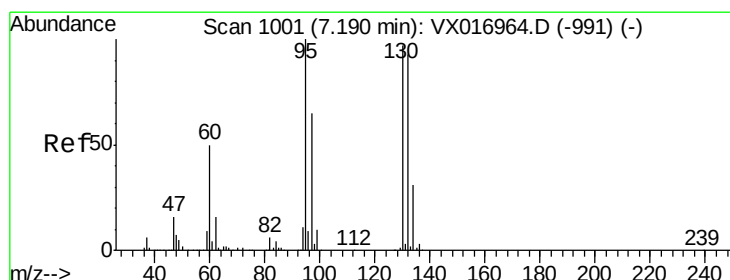
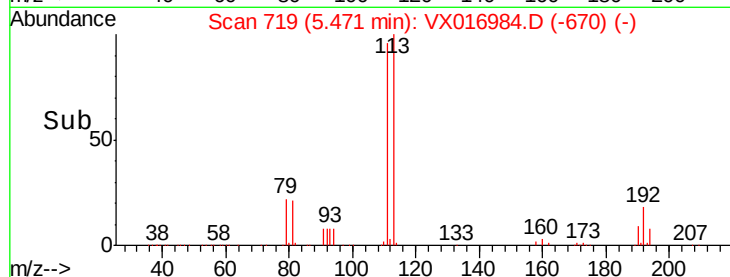
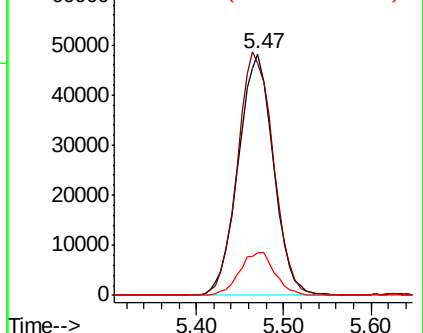
192 18.0 15.2 22.8



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



#44

Trichloroethene

Concen: 1.246 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016984.D

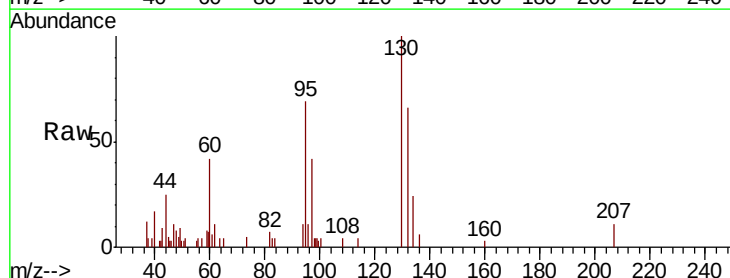
Acq: 26 Jun 2020 15:29

Tgt Ion:130 Resp: 3778

Ion Ratio Lower Upper

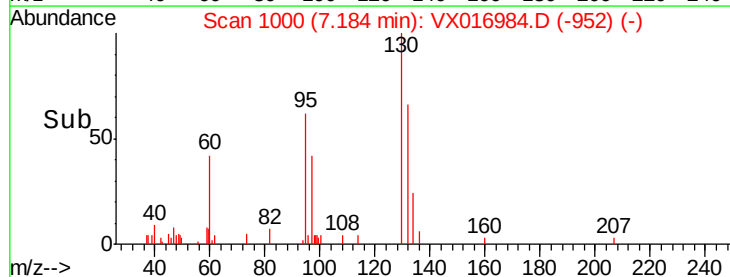
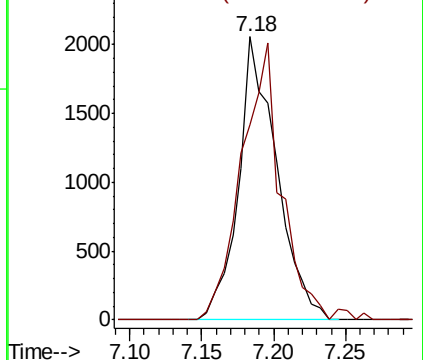
130 100

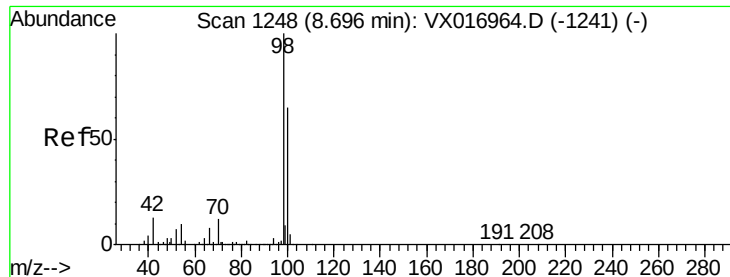
95 68.7 0.0 206.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

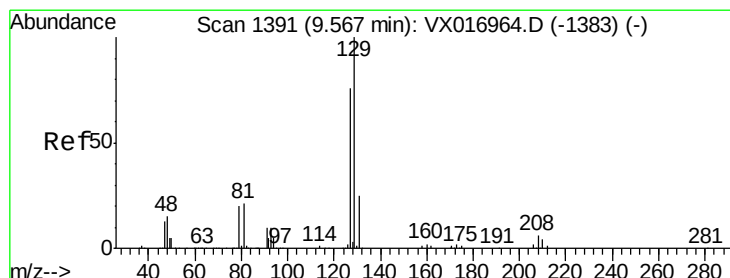
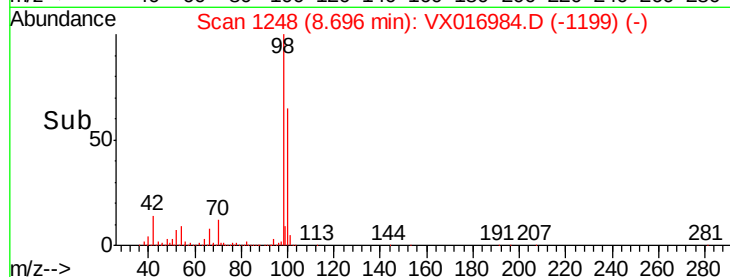
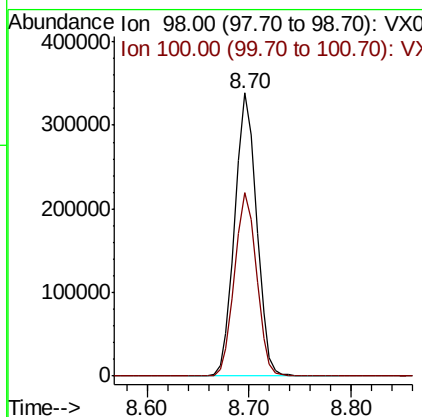
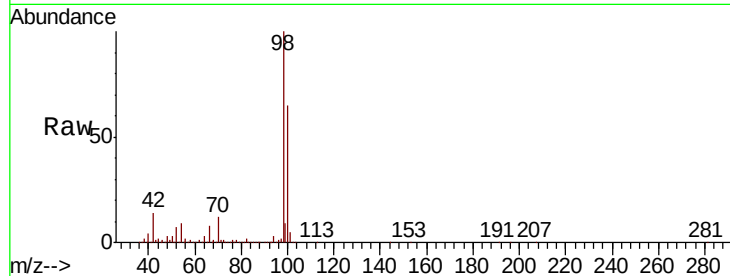




#50
Toluene-d8
Concen: 51.843 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016984.D
Acq: 26 Jun 2020 15:29

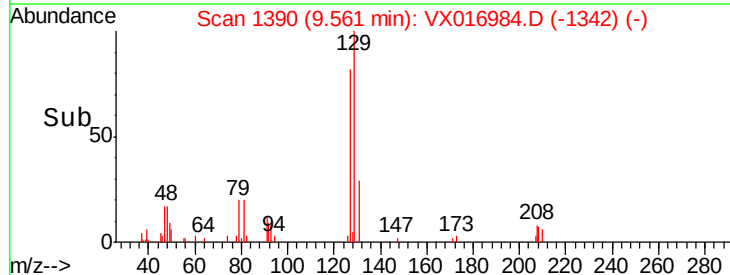
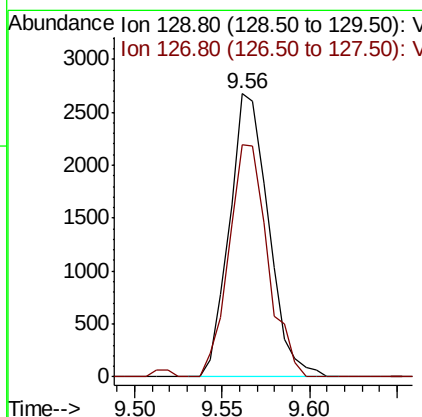
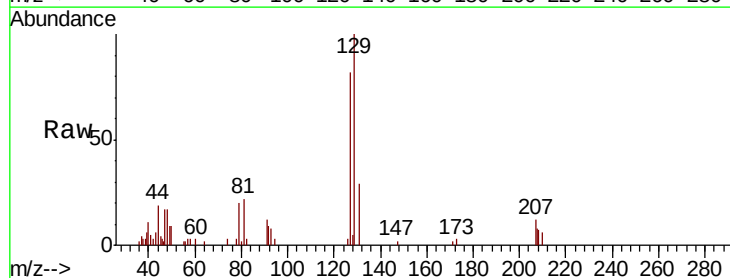
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200624

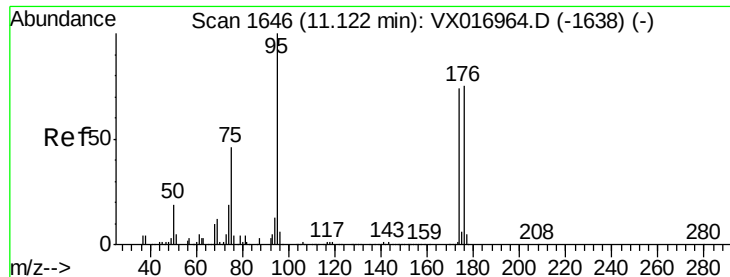
Tot Ion: 98 Resp: 501543
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#60
Dibromochloromethane
Concen: 1.266 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016984.D
Acq: 26 Jun 2020 15:29

Tgt Ion: 129 Resp: 4164
Ion Ratio Lower Upper
129 100
127 81.4 38.0 114.0





#62

4-Bromofluorobenzene

Concen: 55.823 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016984.D

Acq: 26 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200624

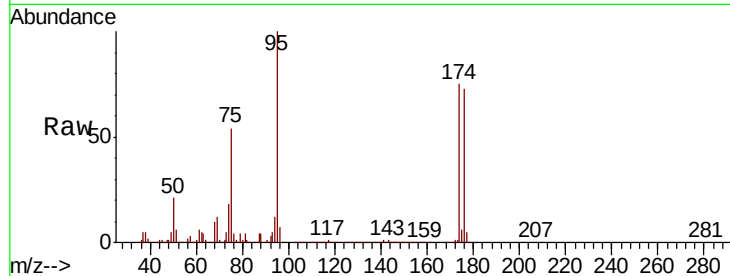
Tot Ion: 95 Resp: 208831

Ion Ratio Lower Upper

95 100

174 74.8 0.0 149.6

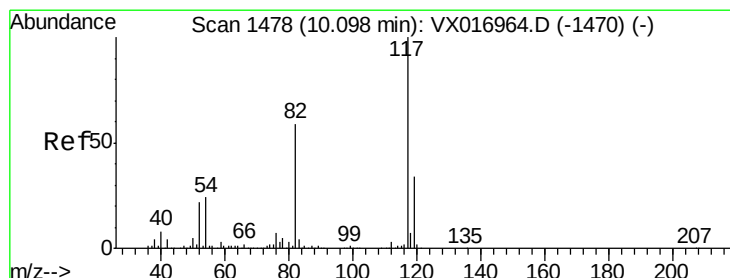
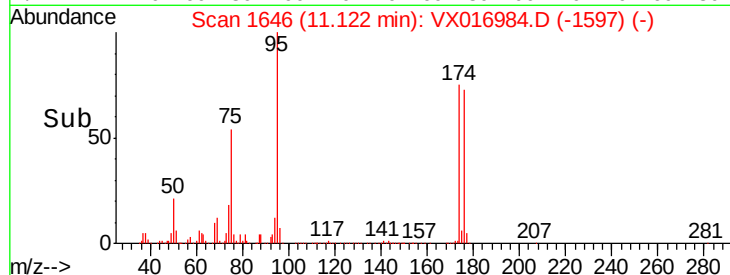
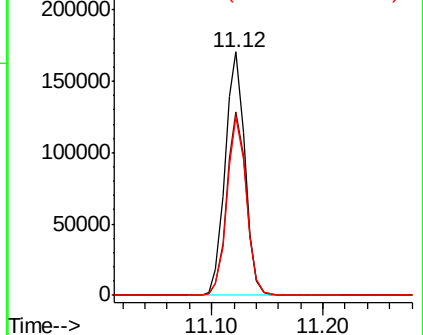
176 71.7 0.0 148.2



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: VX016984.D

Acq: 26 Jun 2020 15:29

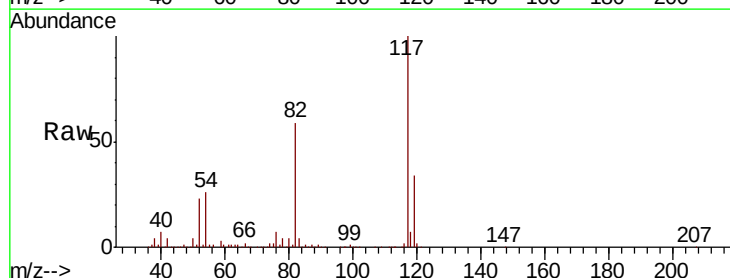
Tgt Ion: 117 Resp: 400307

Ion Ratio Lower Upper

117 100

82 59.2 46.8 70.2

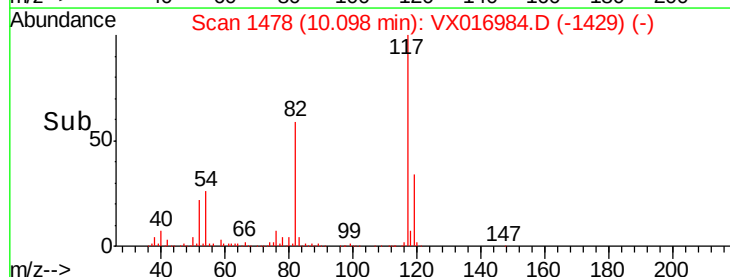
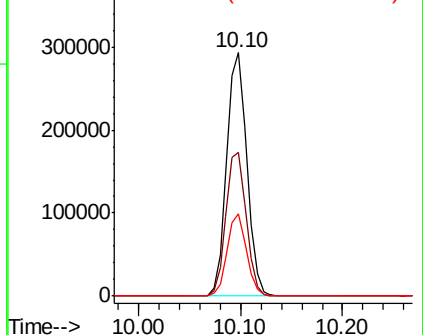
119 33.8 27.3 40.9

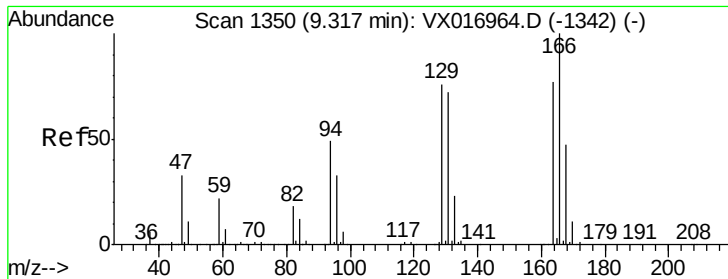


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.534 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016984.D

Acq: 26 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200624

Tot Ion:164 Resp: 1446

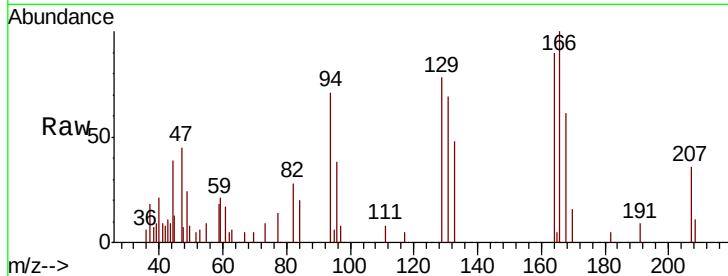
Ion Ratio Lower Upper

164 100

166 110.9 104.2 156.4

129 86.1 79.3 118.9

131 77.0 74.9 112.3

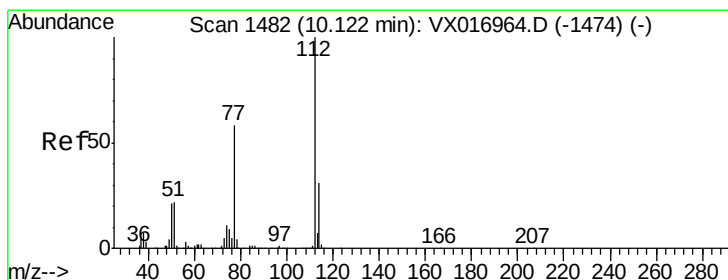
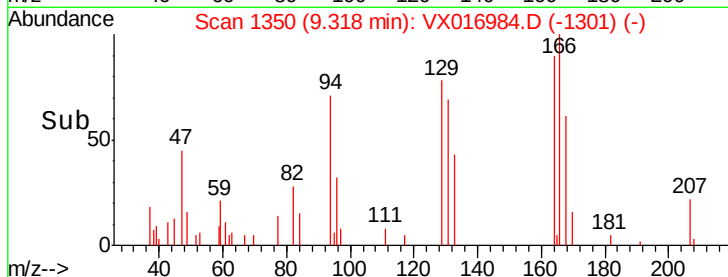
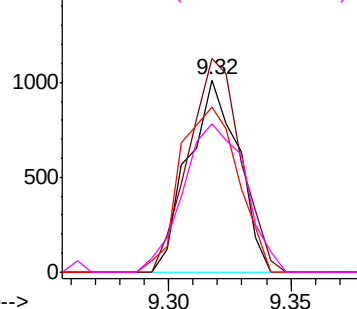


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.812 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016984.D

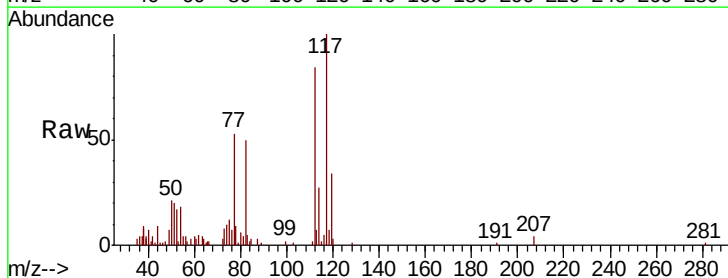
Acq: 26 Jun 2020 15:29

Tgt Ion:112 Resp: 6645

Ion Ratio Lower Upper

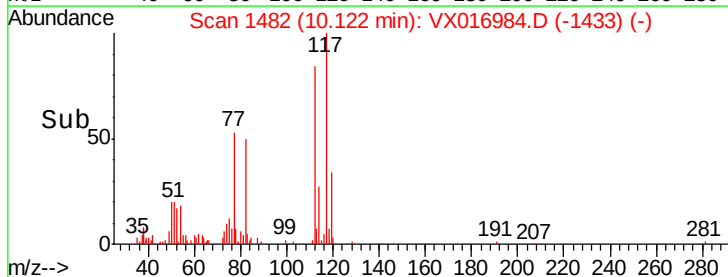
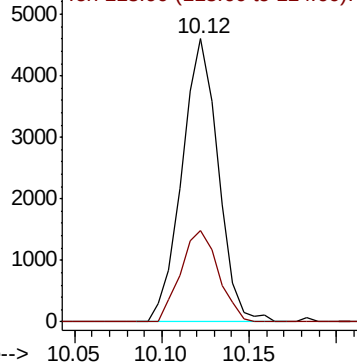
112 100

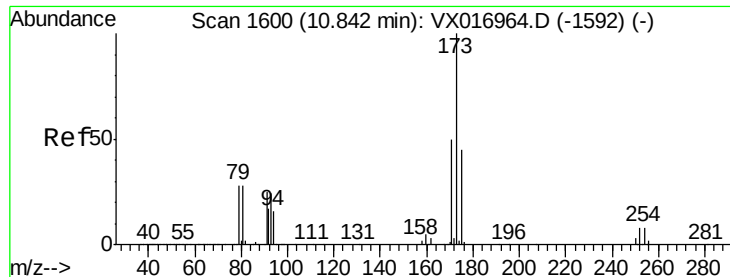
114 32.4 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 1.762 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016984.D

Acq: 26 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200624

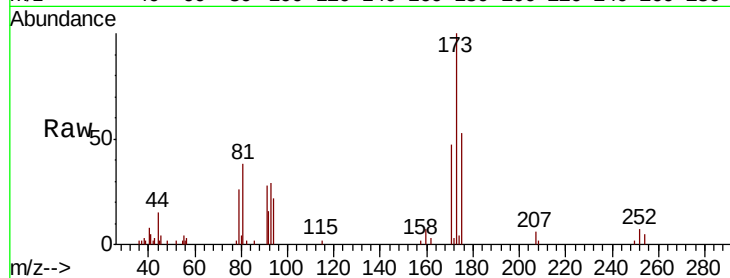
Tot Ion:173 Resp: 4262

Ion Ratio Lower Upper

173 100

175 57.8 23.4 70.2

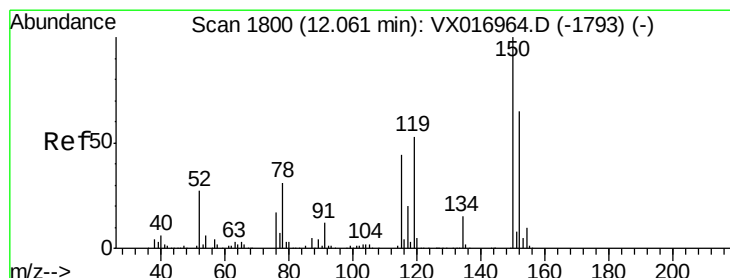
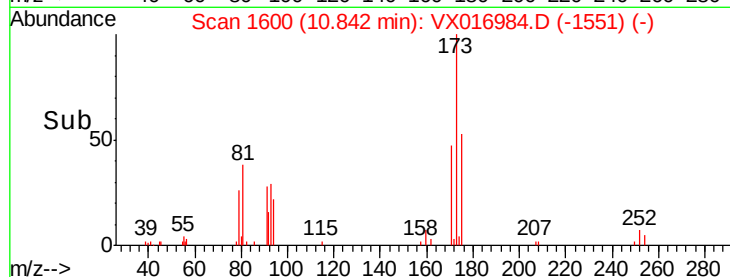
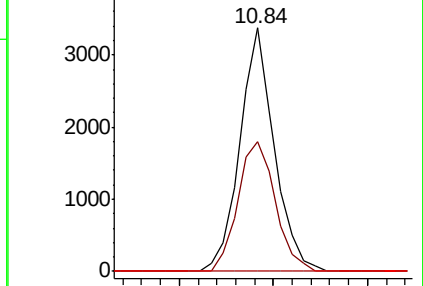
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX016984.D

Acq: 26 Jun 2020 15:29

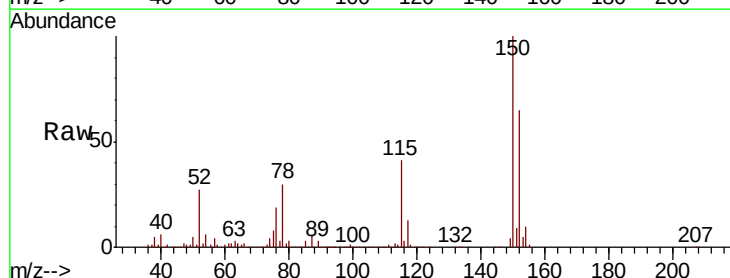
Tgt Ion:152 Resp: 202454

Ion Ratio Lower Upper

152 100

115 63.5 42.8 128.4

150 158.0 0.0 347.8



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

