

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015845.D
 Acq On : 22 Apr 2020 16:38
 Operator : JC/SP
 Sample : L2363-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200420

Quant Time: Apr 23 12:11:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

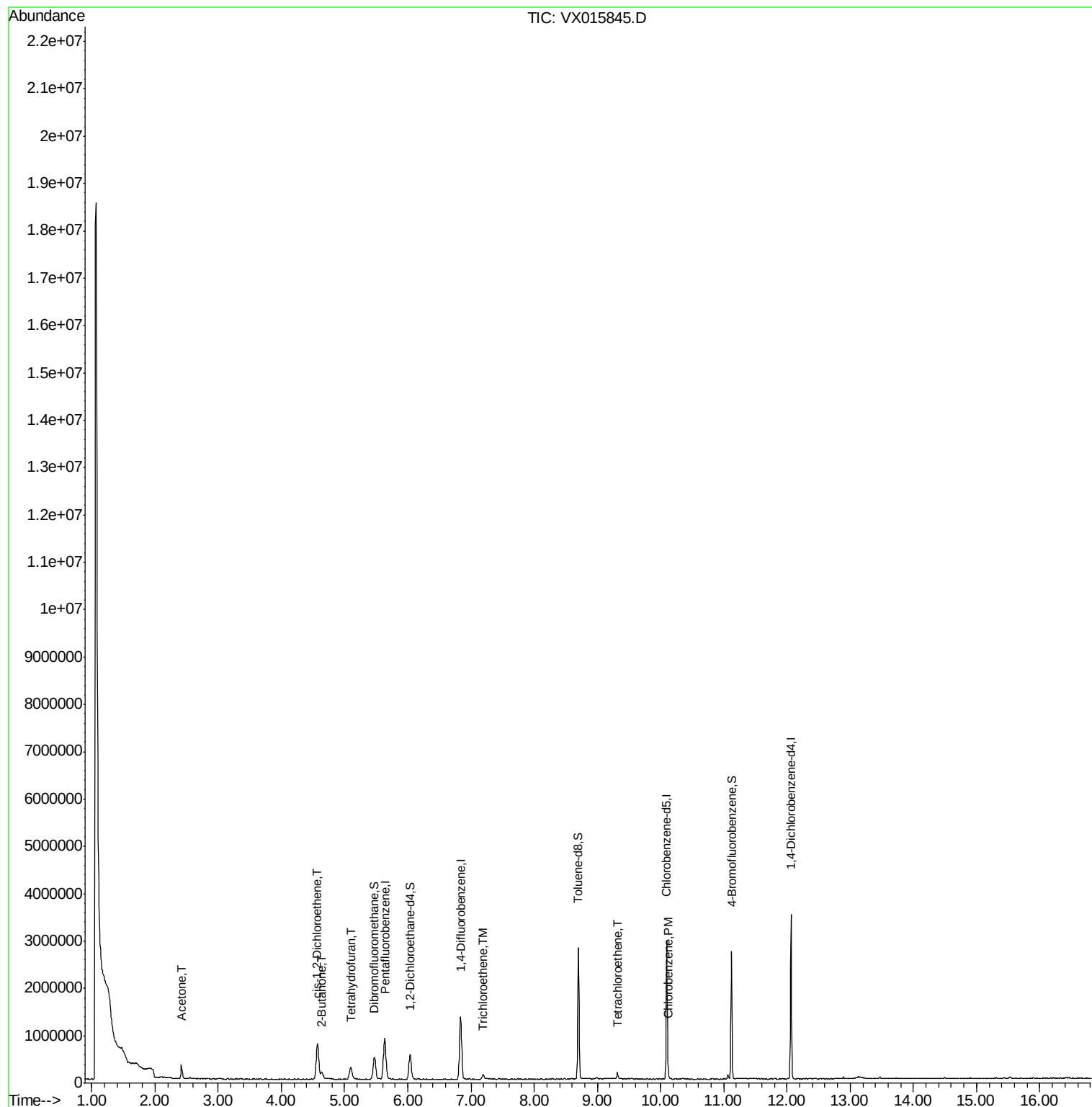
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	888920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1376231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1308248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	704557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	497157	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	5.47	113	395111	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	8.70	98	1631231	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.12	95	681749	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
Target Compounds						
16) Acetone	2.42	43	326028	74.060	ug/l	99
25) 2-Butanone	4.64	43	268092	38.529	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	494255	50.397	ug/l	90
29) Tetrahydrofuran	5.09	42	259756	56.440	ug/l	98
44) Trichloroethene	7.19	130	36998	2.865	ug/l	91
64) Tetrachloroethene	9.32	164	32108	1.821	ug/l	96
65) Chlorobenzene	10.12	112	33408	1.277	ug/l	99

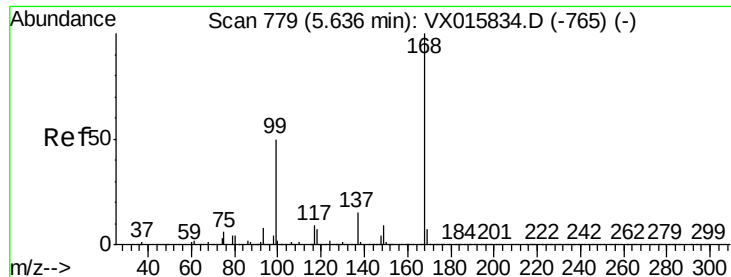
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015845.D
Acq On : 22 Apr 2020 16:38
Operator : JC/SP
Sample : L2363-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200420

Quant Time: Apr 23 12:11:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

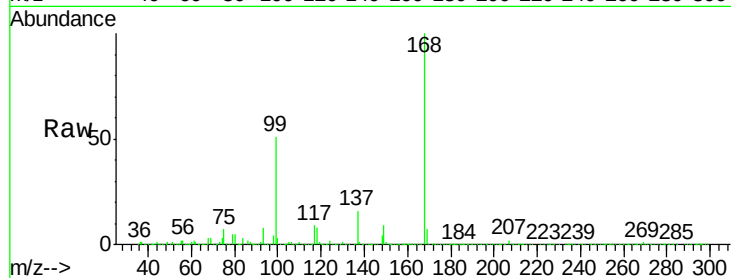
KY038PS027-200420

Tot Ion:168 Resp: 888920

Ion Ratio Lower Upper

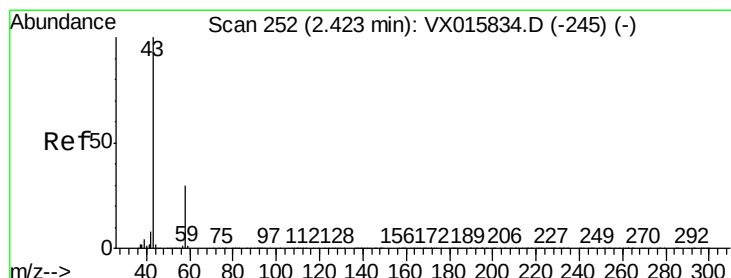
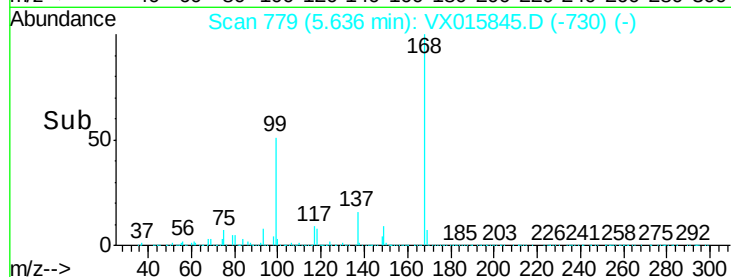
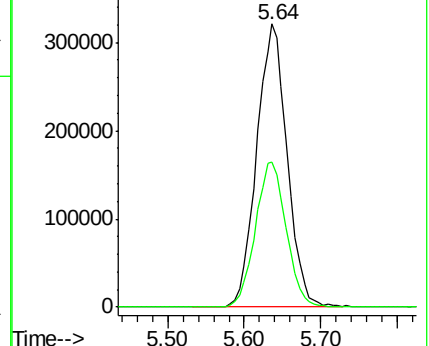
168 100

99 51.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 74.060 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015845.D

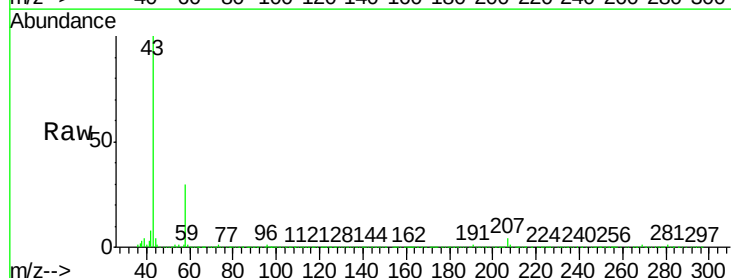
Acq: 22 Apr 2020 16:38

Tgt Ion: 43 Resp: 326028

Ion Ratio Lower Upper

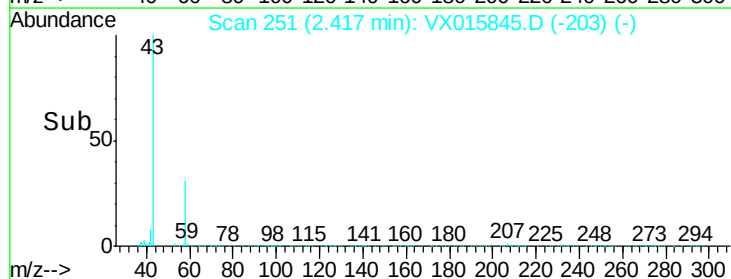
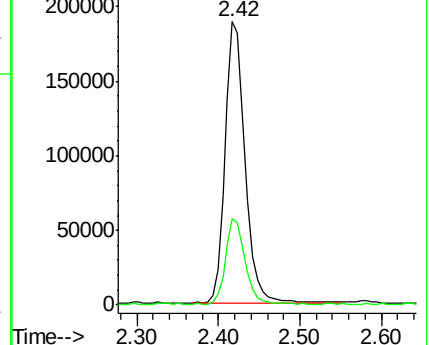
43 100

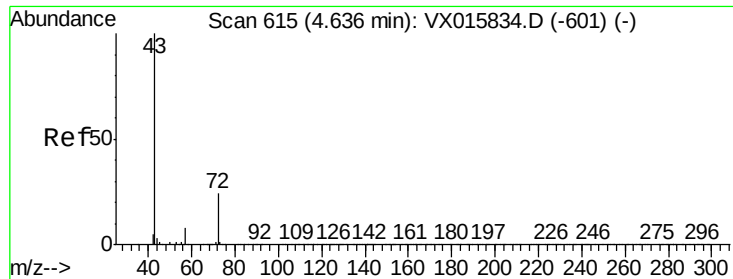
58 30.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 38.529 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

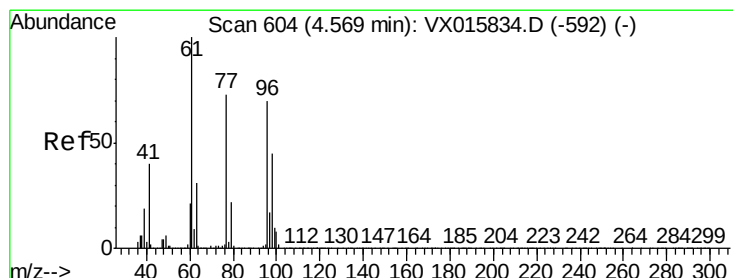
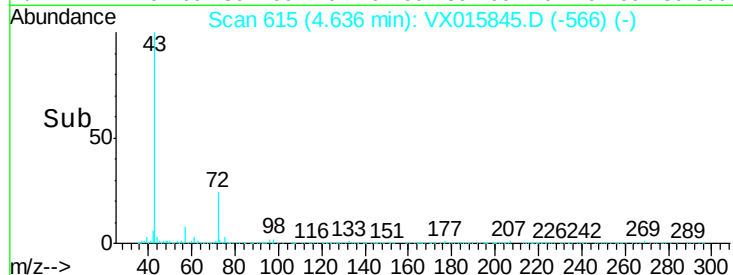
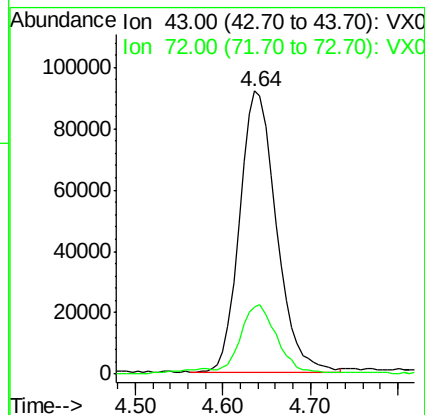
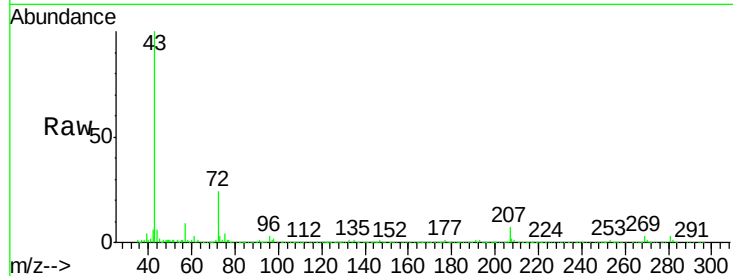
KY038PS027-200420

Tot Ion: 43 Resp: 268092

Ion Ratio Lower Upper

43 100

72 23.4 19.4 29.2



#27

cis-1,2-Dichloroethene

Concen: 50.397 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

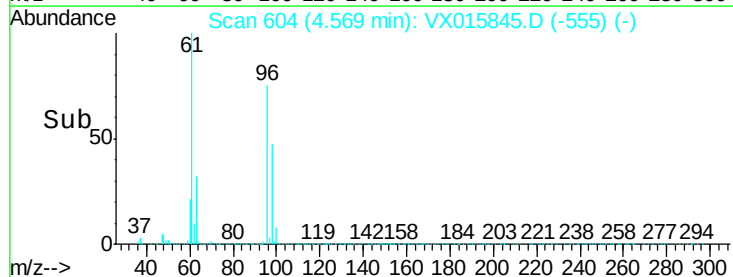
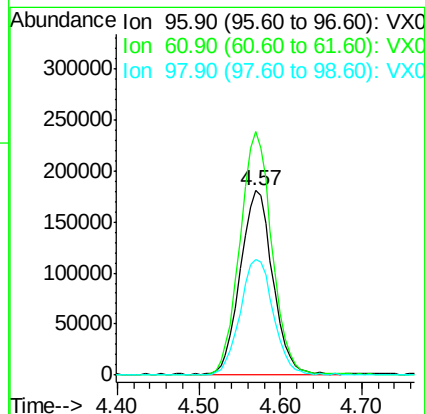
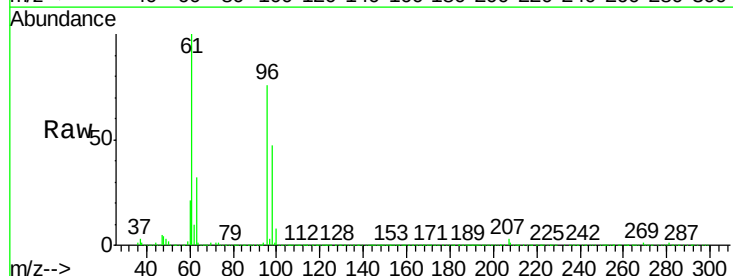
Tgt Ion: 96 Resp: 494255

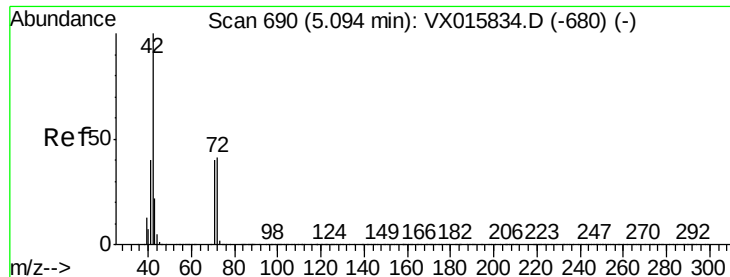
Ion Ratio Lower Upper

96 100

61 131.5 0.0 299.4

98 65.0 0.0 129.6





#29

Tetrahydrofuran

Concen: 56.440 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200420

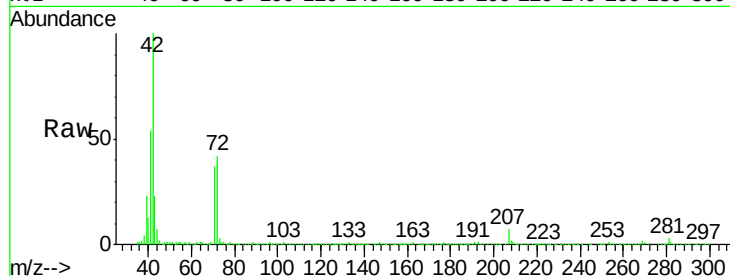
Tot Ion: 42 Resp: 259756

Ion Ratio Lower Upper

42 100

72 40.2 33.0 49.6

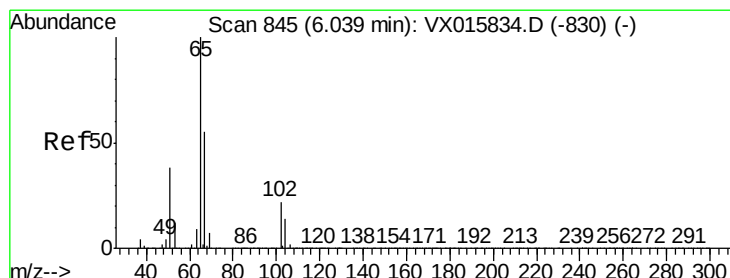
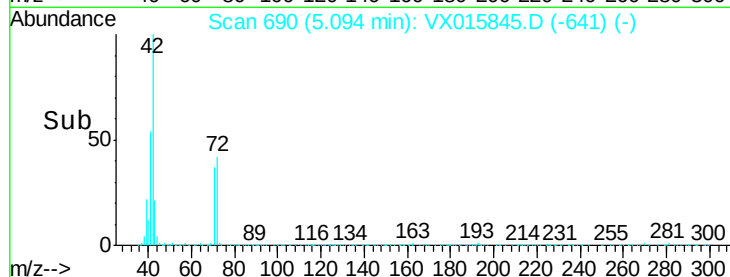
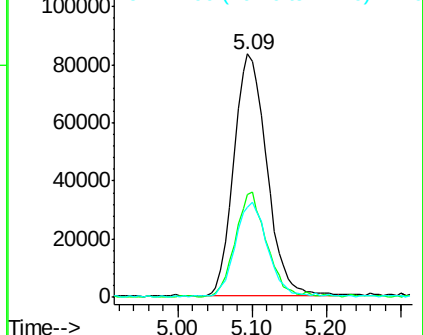
71 37.1 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.174 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015845.D

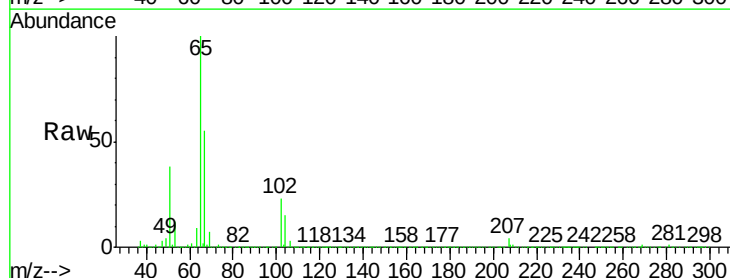
Acq: 22 Apr 2020 16:38

Tgt Ion: 65 Resp: 497157

Ion Ratio Lower Upper

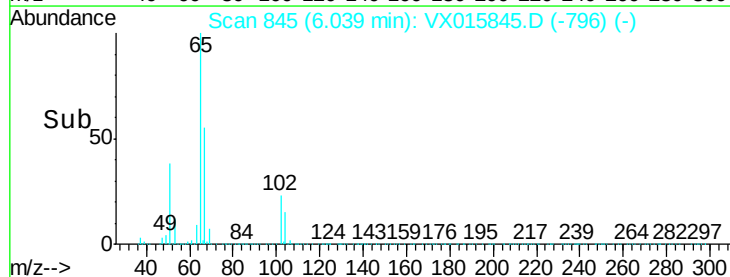
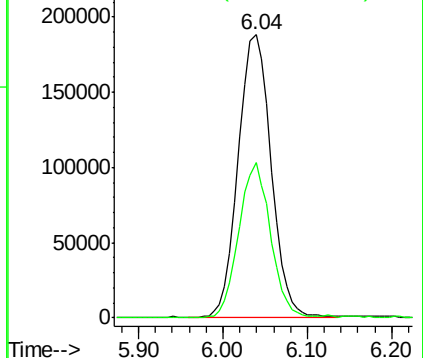
65 100

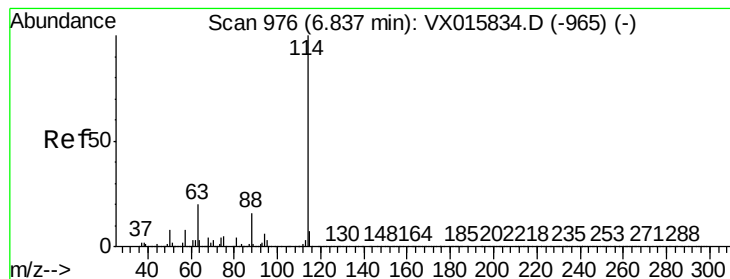
67 52.3 0.0 104.2



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: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200420

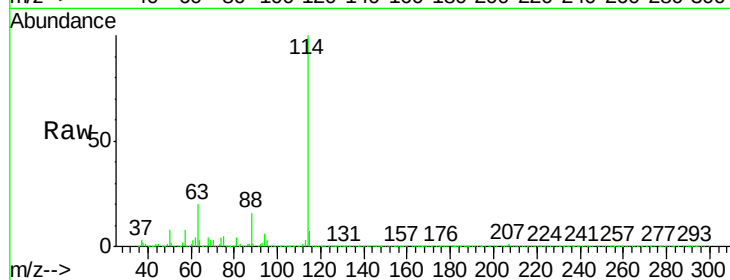
Tot Ion:114 Resp: 1376231

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

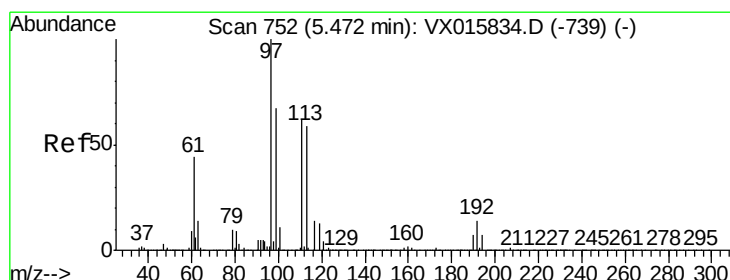
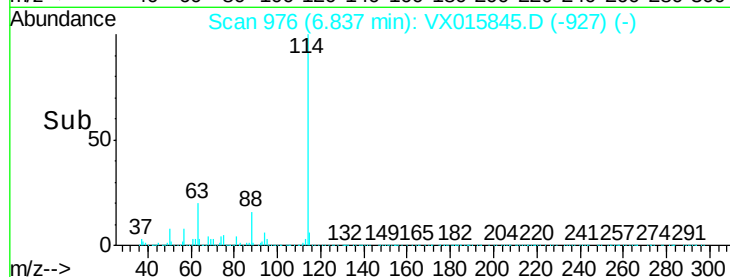
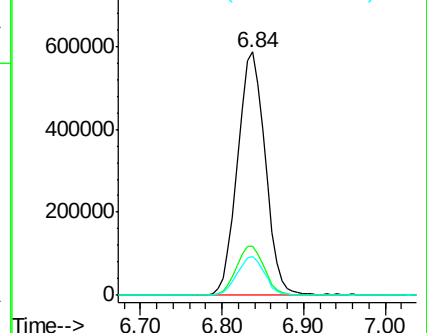
88 16.1 0.0 32.8



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: 49.737 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

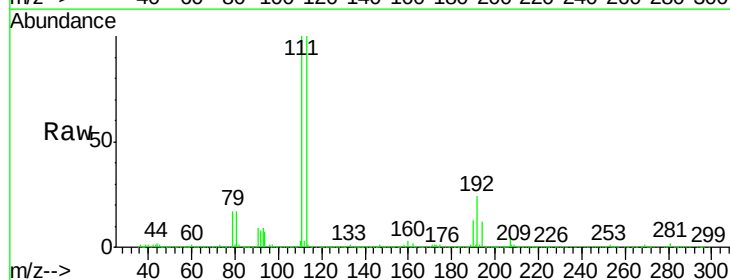
Tgt Ion:113 Resp: 395111

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

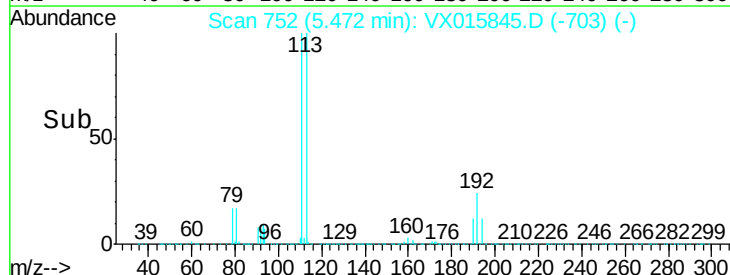
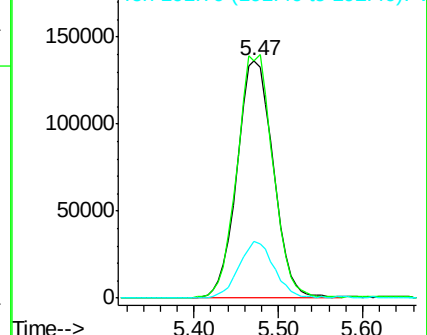
192 22.9 19.3 28.9

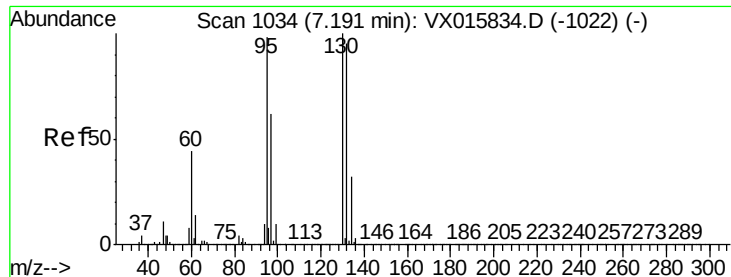


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.865 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

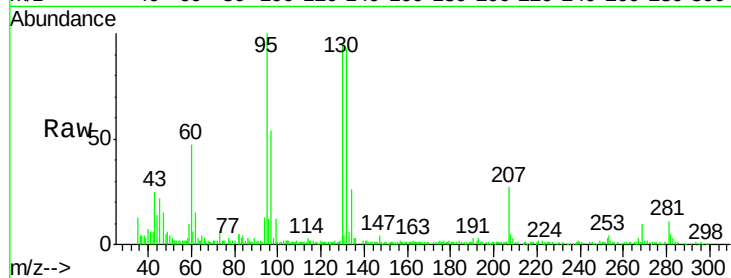
KY038PS027-200420

Tot Ion:130 Resp: 36998

Ion Ratio Lower Upper

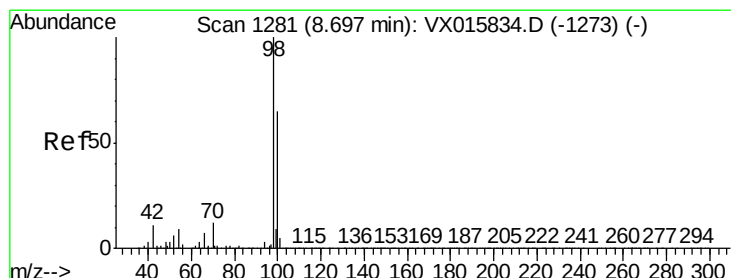
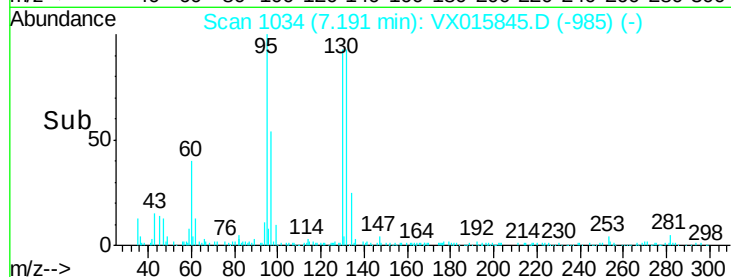
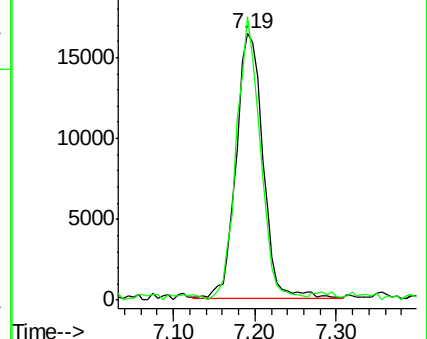
130 100

95 106.5 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.009 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015845.D

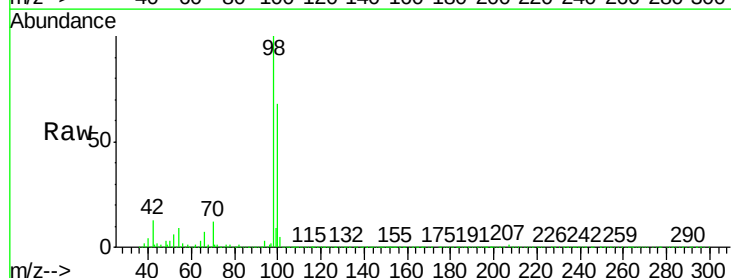
Acq: 22 Apr 2020 16:38

Tgt Ion: 98 Resp: 1631231

Ion Ratio Lower Upper

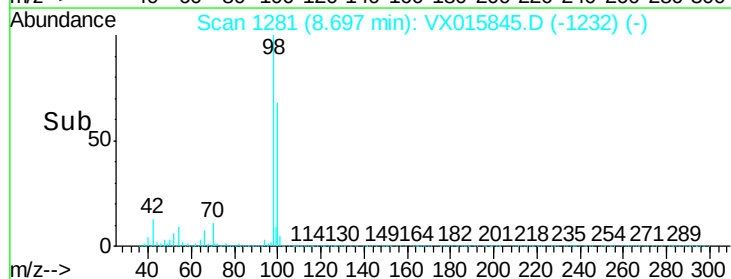
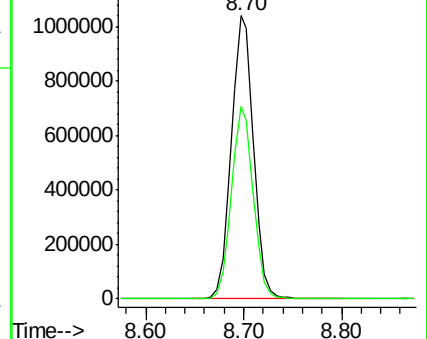
98 100

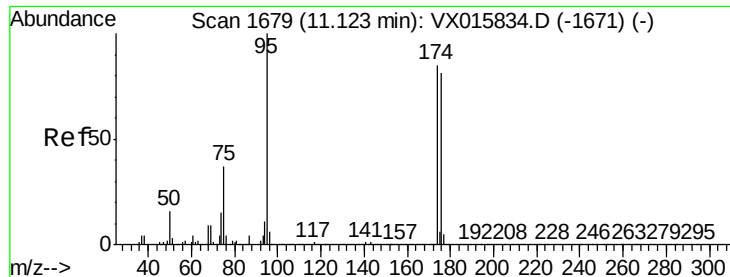
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.967 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200420

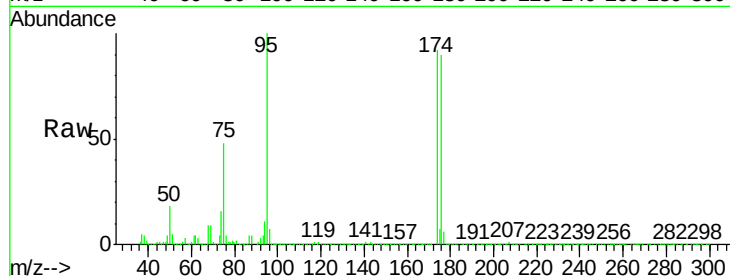
Tot Ion: 95 Resp: 681749

Ion Ratio Lower Upper

95 100

174 87.1 0.0 172.4

176 85.0 0.0 167.0

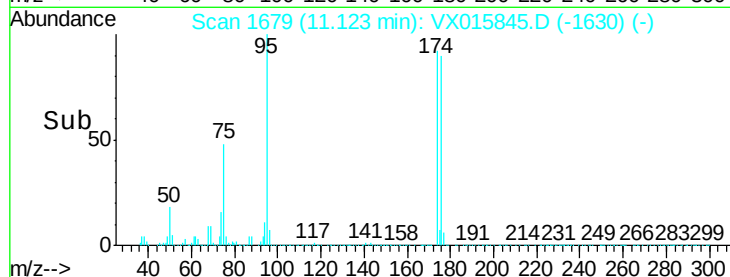


Abundance Ion 94.90 (94.60 to 95.60): VX015834.D (-1671) (-)

Ion 173.80 (173.50 to 174.50): VX015834.D (-1671) (-)

Ion 175.80 (175.50 to 176.50): VX015834.D (-1671) (-)

Time-->

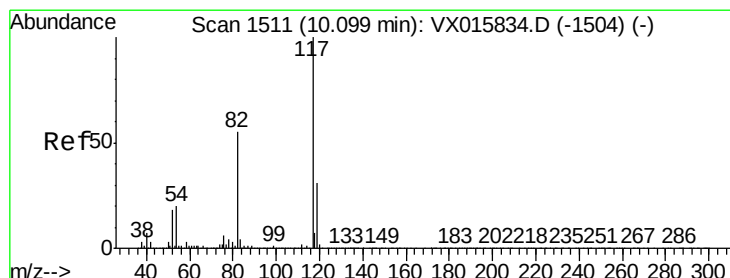


Abundance Ion 94.90 (94.60 to 95.60): VX015845.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015845.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015845.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

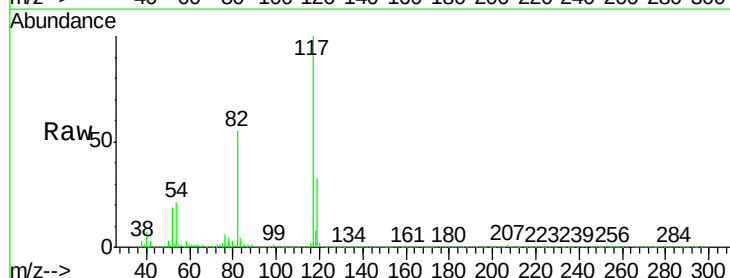
Tgt Ion: 117 Resp: 1308248

Ion Ratio Lower Upper

117 100

82 55.0 43.9 65.9

119 32.8 25.1 37.7

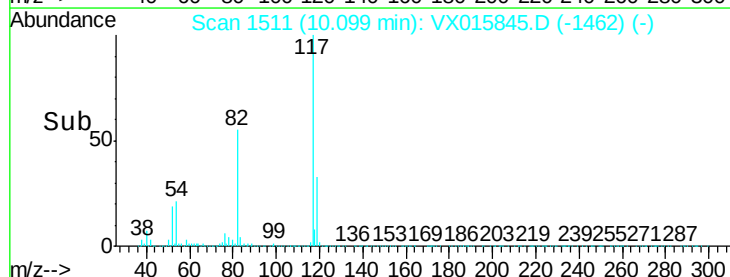


Abundance Ion 116.90 (116.60 to 117.60): VX015834.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX015834.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX015834.D (-1504) (-)

Time-->

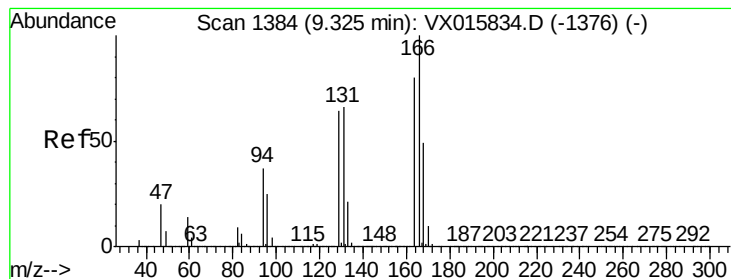


Abundance Ion 116.90 (116.60 to 117.60): VX015845.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015845.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015845.D (-1462) (-)

Time-->



#64

Tetrachloroethene

Concen: 1.821 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200420

Tot Ion:164 Resp: 32108

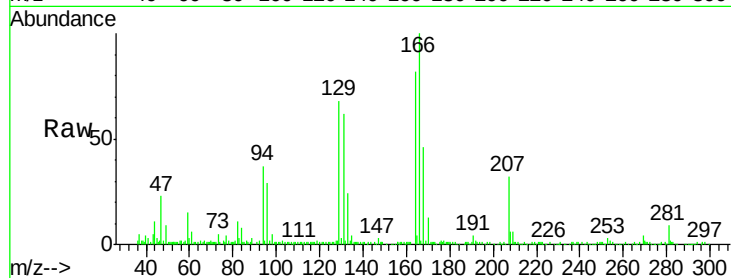
Ion Ratio Lower Upper

164 100

166 121.9 100.2 150.2

129 82.8 64.5 96.7

131 74.6 65.9 98.9

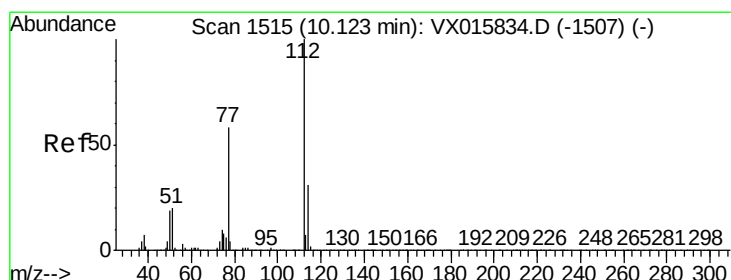
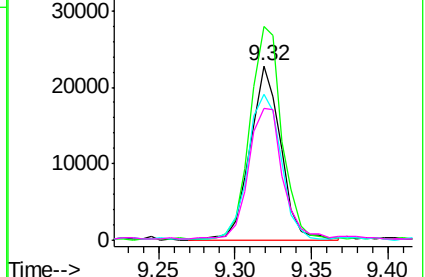
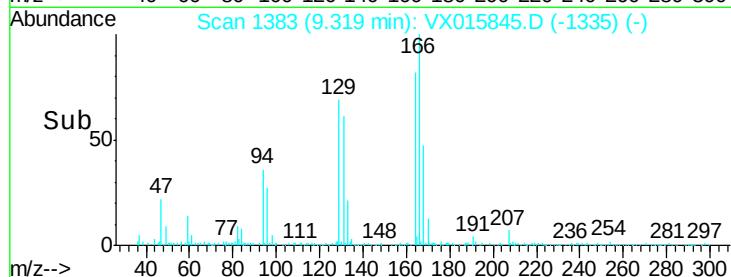


Abundance Ion 163.80 (163.50 to 164.50): V

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: 1.277 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015845.D

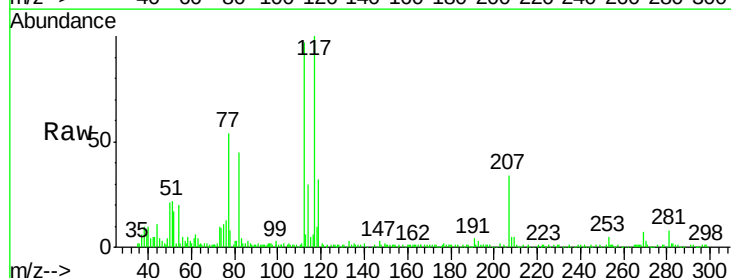
Acq: 22 Apr 2020 16:38

Tgt Ion:112 Resp: 33408

Ion Ratio Lower Upper

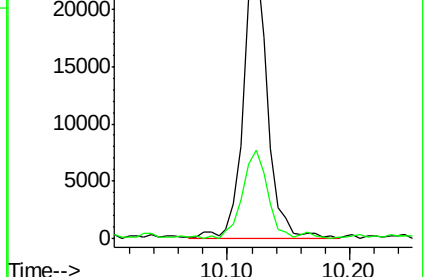
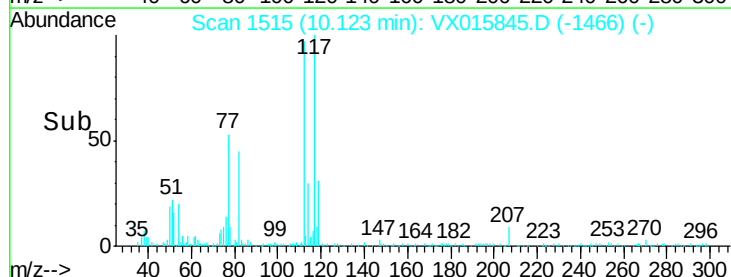
112 100

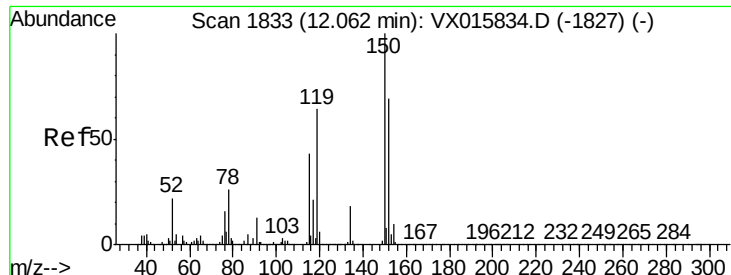
114 30.8 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015845.D

Acq: 22 Apr 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200420

Tot Ion:152 Resp: 704557

Ion Ratio Lower Upper

152 100

115 58.2 39.0 116.9

150 159.4 0.0 336.8

