

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015948.D
 Acq On : 24 Apr 2020 22:00
 Operator : JC/SP
 Sample : L2415-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW144-200423

Quant Time: Apr 25 07:57:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

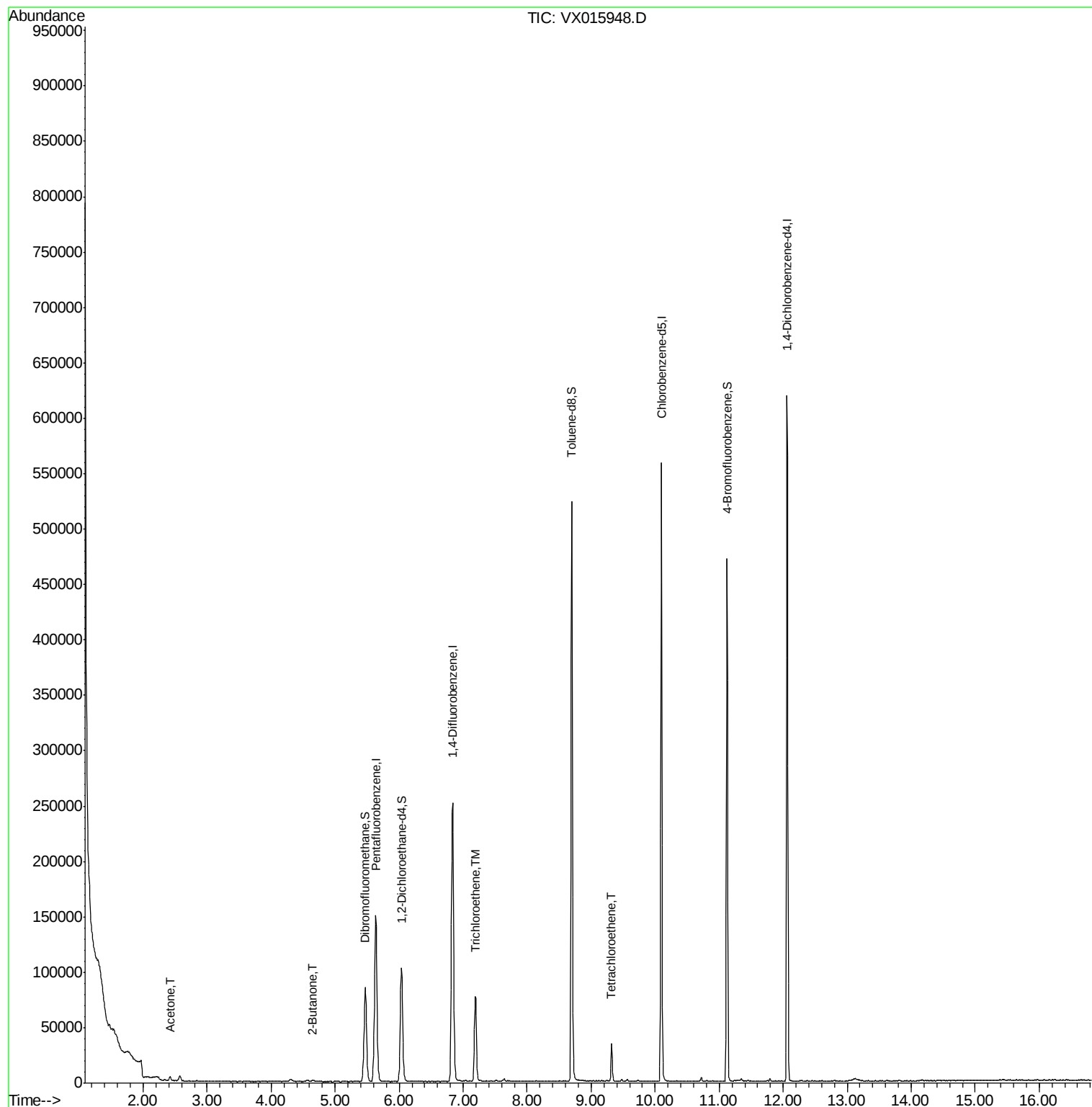
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	134290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	257575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	249700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	98237	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	5.47	113	75276	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
50) Toluene-d8	8.70	98	317724	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	11.12	95	133713	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
Target Compounds						
16) Acetone	2.42	43	3779	5.313	ug/l	98
25) 2-Butanone	4.65	43	2784	2.404	ug/l	94
44) Trichloroethene	7.20	130	29130	13.154	ug/l	99
64) Tetrachloroethene	9.32	164	6060	2.439	ug/l	94

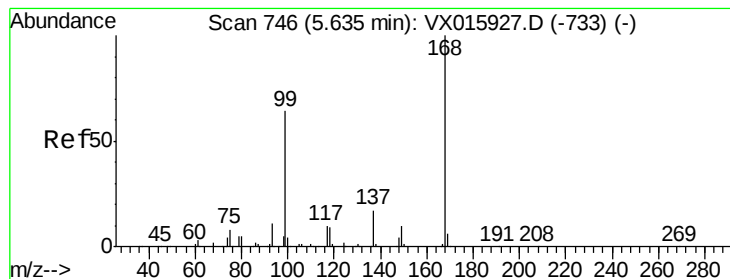
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:17:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

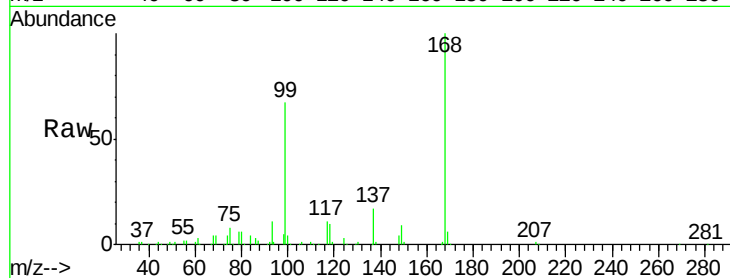
KY037MW144-200423

Tot Ion:168 Resp: 134290

Ion Ratio Lower Upper

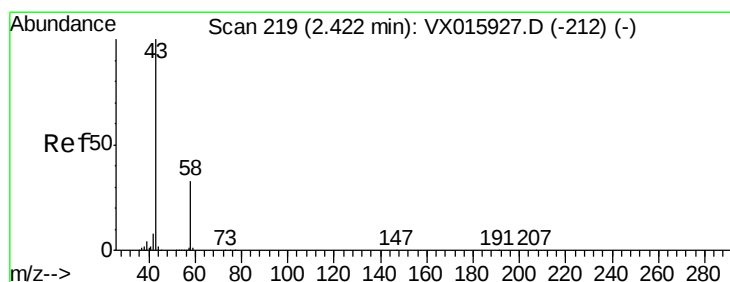
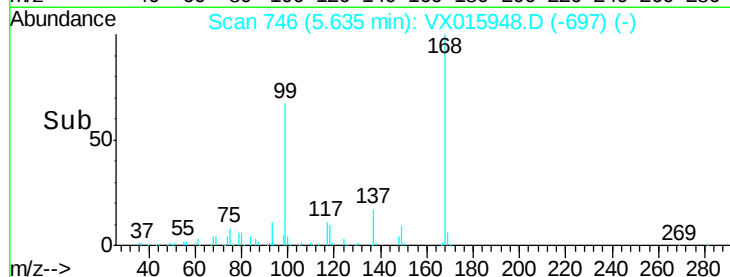
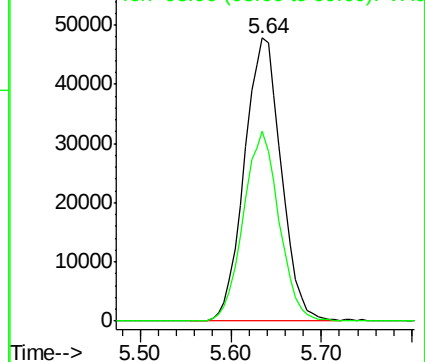
168 100

99 67.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.313 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX015948.D

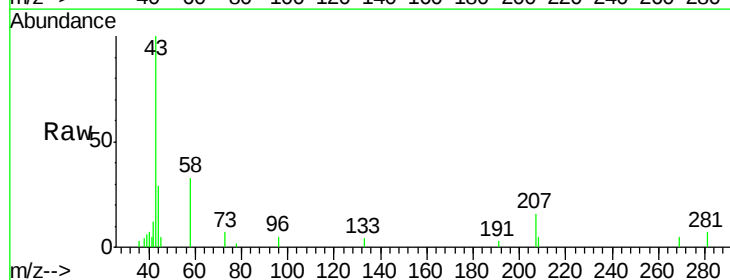
Acq: 24 Apr 2020 22:00

Tgt Ion: 43 Resp: 3779

Ion Ratio Lower Upper

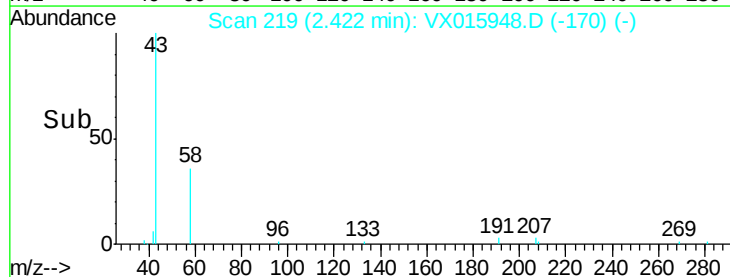
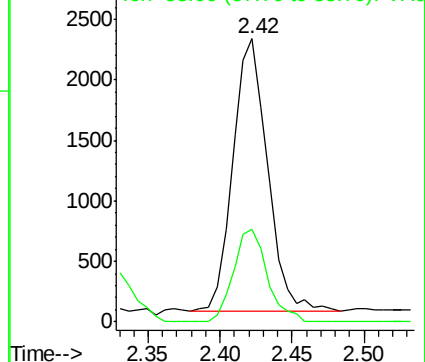
43 100

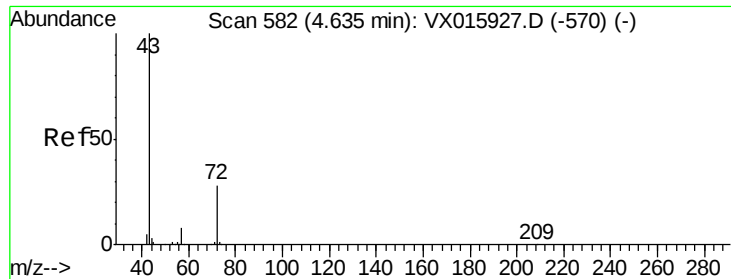
58 34.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 2.404 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

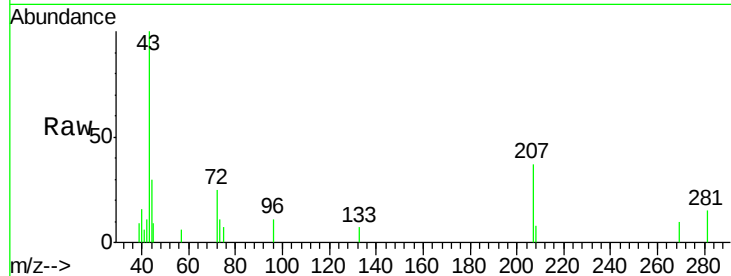
KY037MW144-200423

Tot Ion: 43 Resp: 2784

Ion Ratio Lower Upper

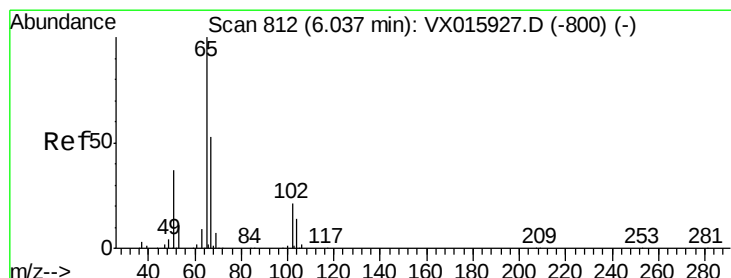
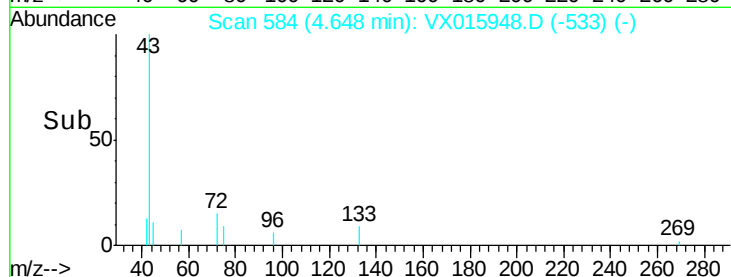
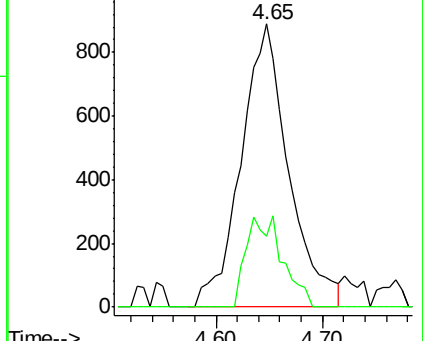
43 100

72 25.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.808 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015948.D

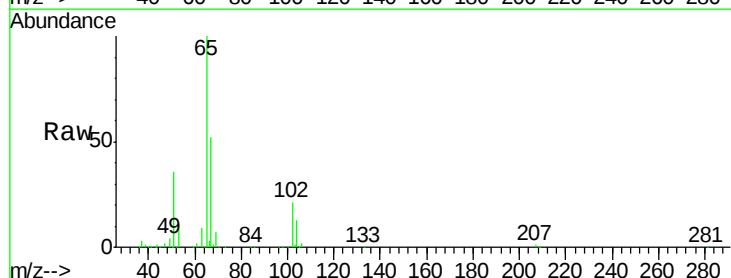
Acq: 24 Apr 2020 22:00

Tgt Ion: 65 Resp: 98237

Ion Ratio Lower Upper

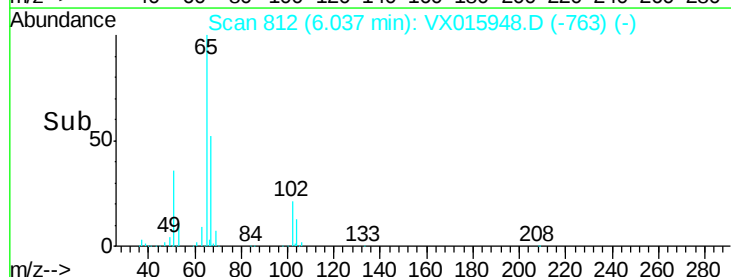
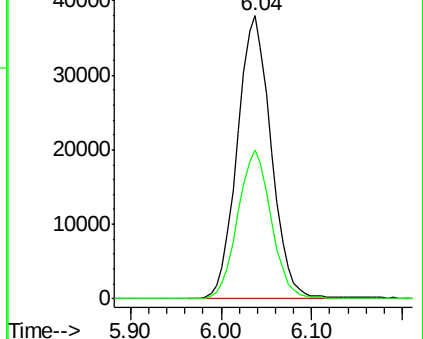
65 100

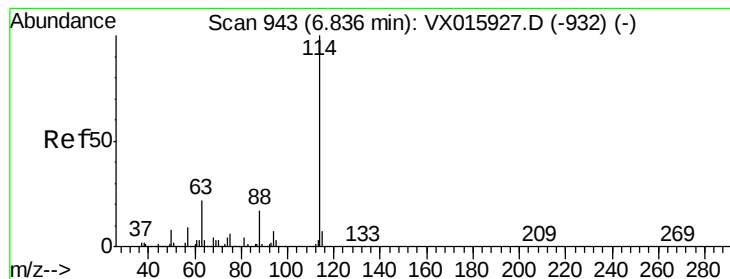
67 52.1 0.0 106.6



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# 943

Delta R.T. 0.00 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

KY037MW144-200423

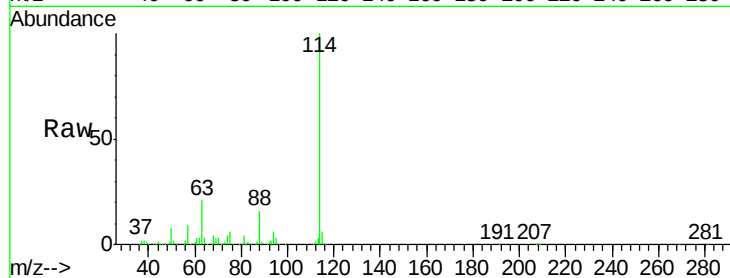
Tot Ion:114 Resp: 257575

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.4

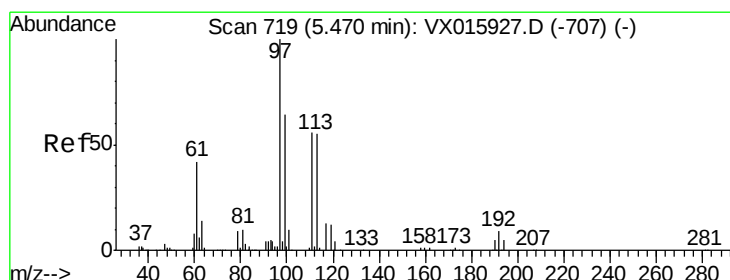
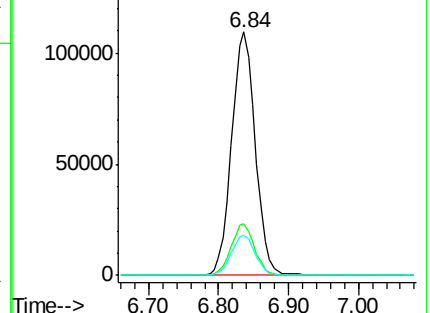
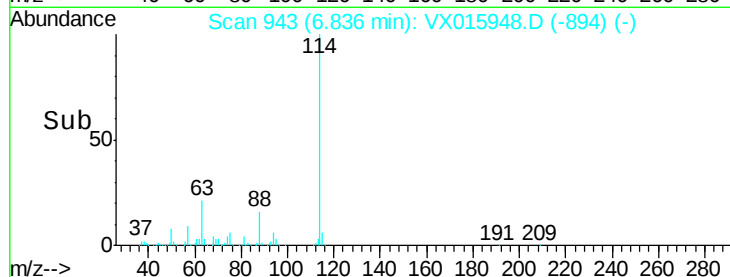
88 16.5 0.0 34.2



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: 53.586 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

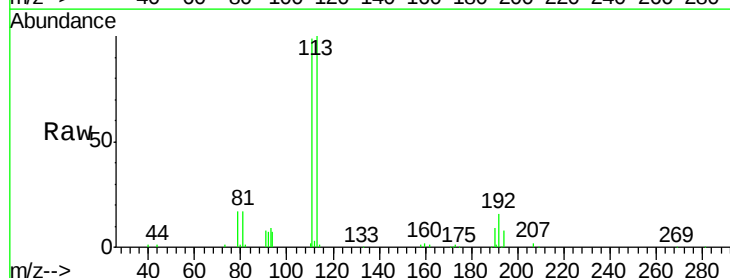
Tgt Ion:113 Resp: 75276

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

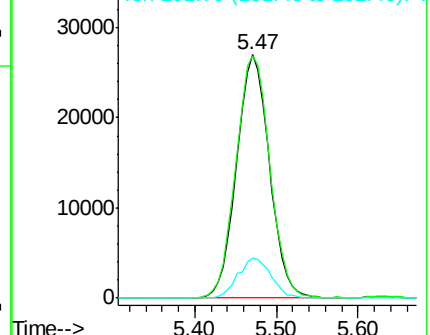
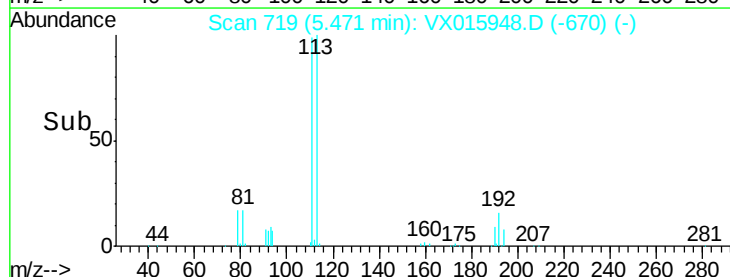
192 16.7 13.6 20.4

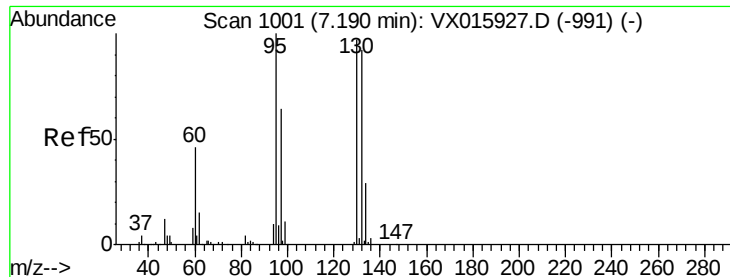


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 13.154 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

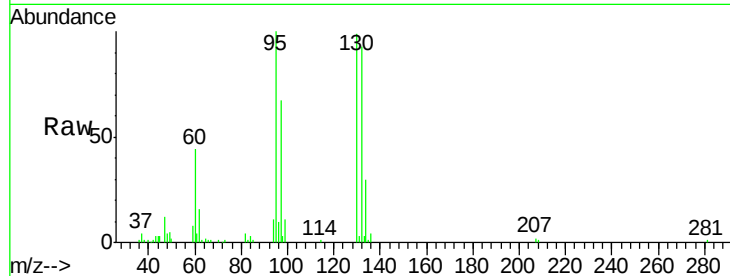
KY037MW144-200423

Tot Ion:130 Resp: 29130

Ion Ratio Lower Upper

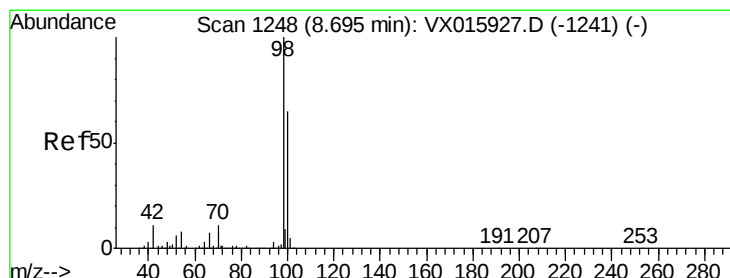
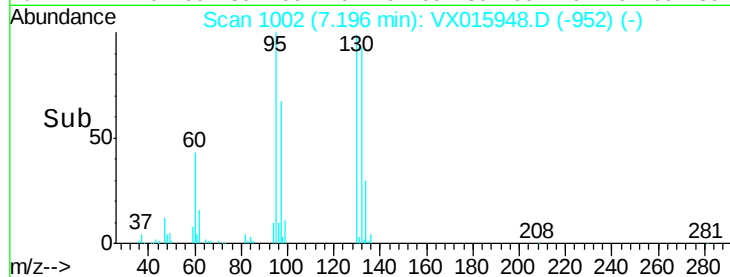
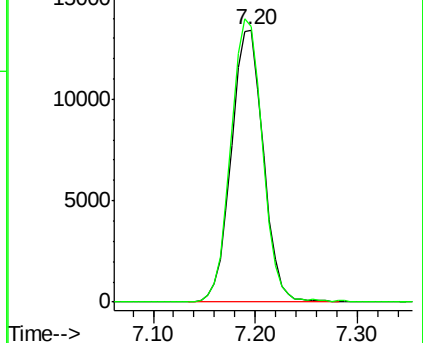
130 100

95 101.4 0.0 205.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.423 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015948.D

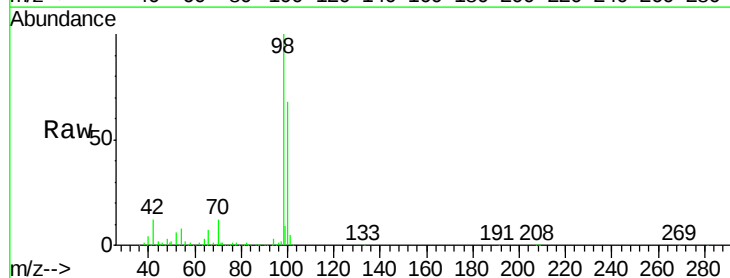
Acq: 24 Apr 2020 22:00

Tgt Ion: 98 Resp: 317724

Ion Ratio Lower Upper

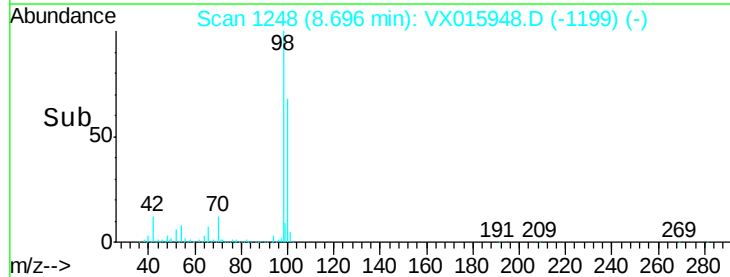
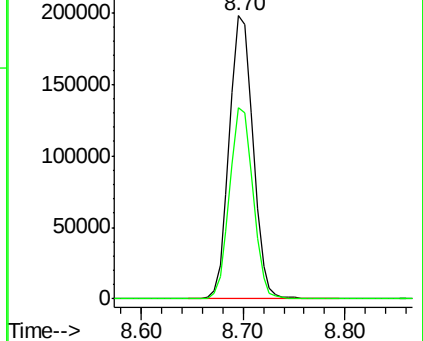
98 100

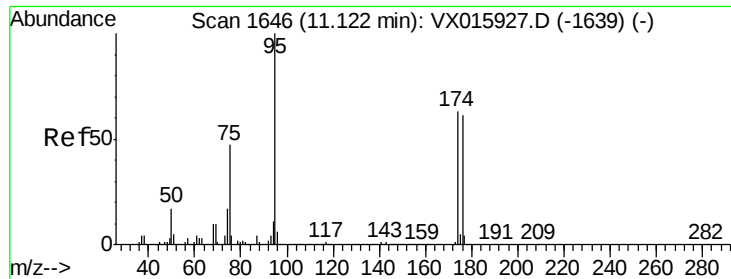
100 67.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.430 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

KY037MW144-200423

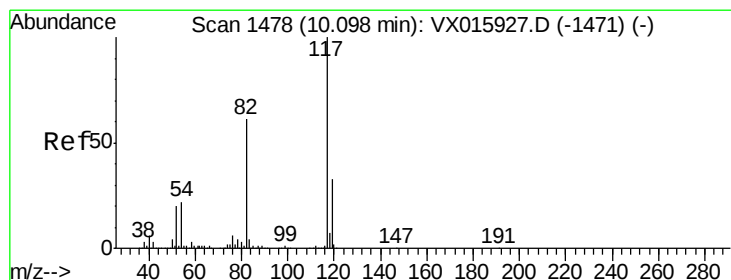
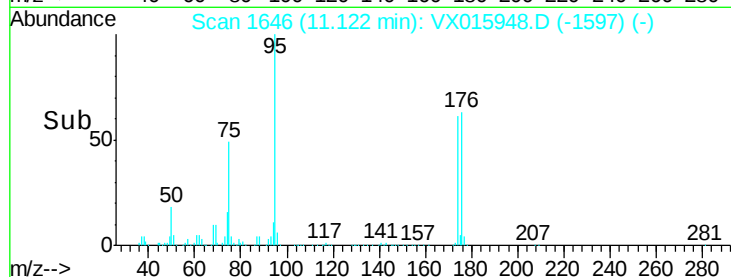
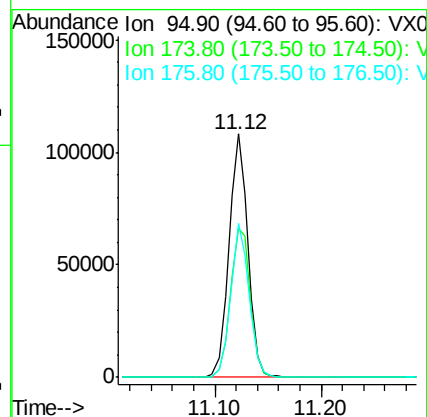
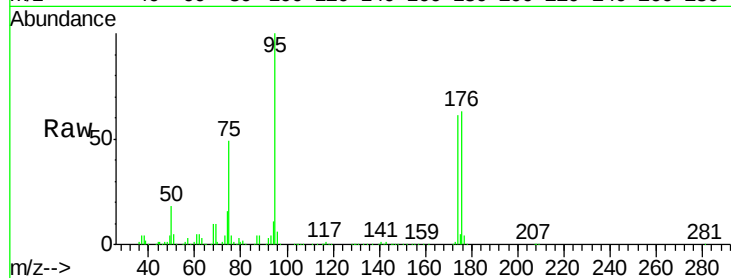
Tot Ion: 95 Resp: 133713

Ion Ratio Lower Upper

95 100

174 64.9 0.0 133.6

176 61.7 0.0 126.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

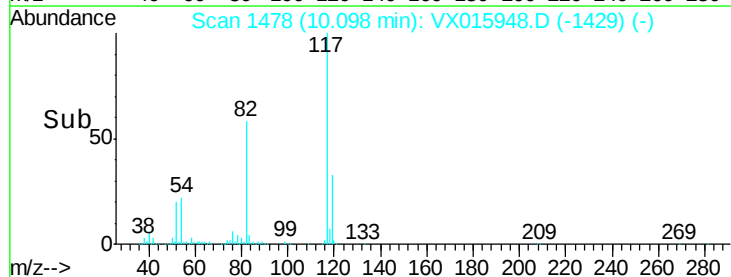
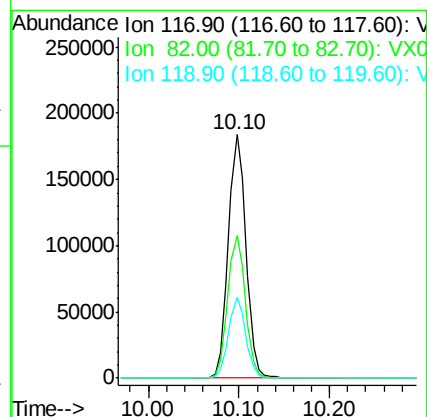
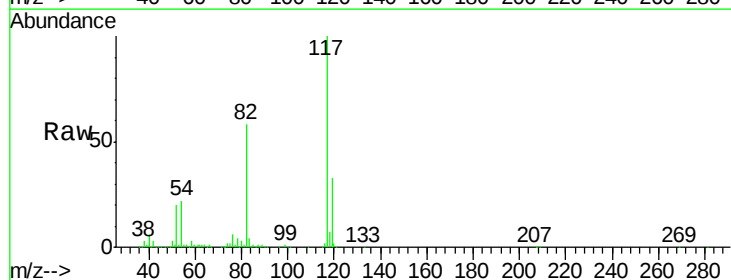
Tgt Ion: 117 Resp: 249700

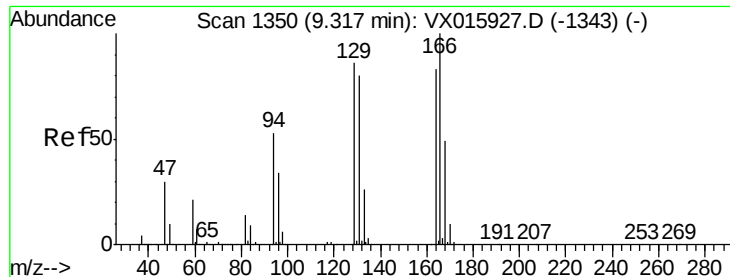
Ion Ratio Lower Upper

117 100

82 58.3 48.5 72.7

119 33.0 26.2 39.4





#64

Tetrachloroethene

Concen: 2.439 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

KY037MW144-200423

Tot Ion:164 Resp: 6060

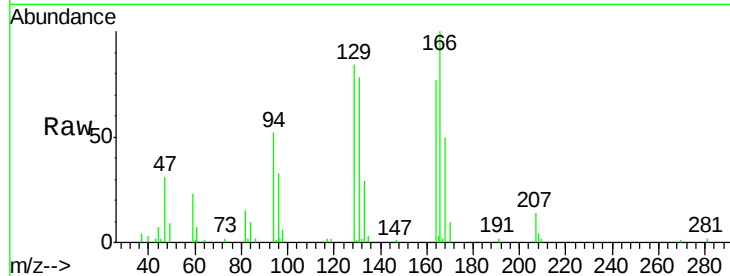
Ion Ratio Lower Upper

164 100

166 129.6 96.7 145.1

129 109.3 82.8 124.2

131 101.4 77.0 115.4

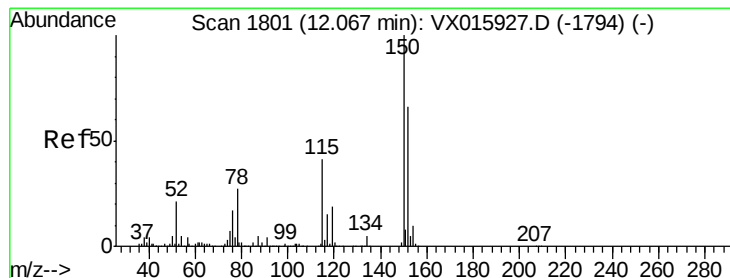
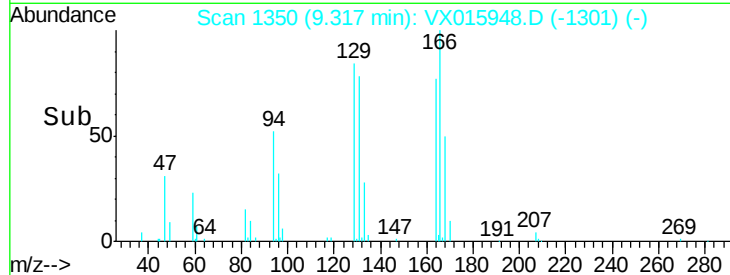
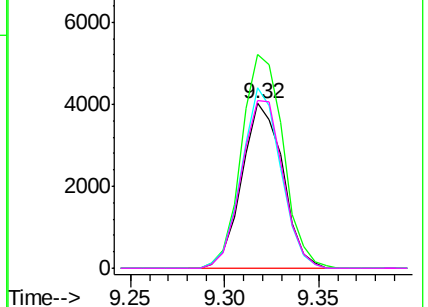


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VX015948.D

Acq: 24 Apr 2020 22:00

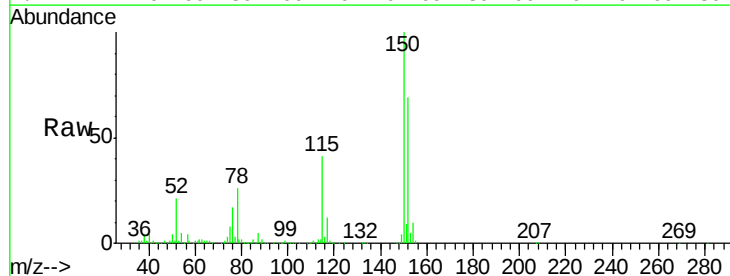
Tgt Ion:152 Resp: 121074

Ion Ratio Lower Upper

152 100

115 64.7 44.1 132.4

150 157.0 0.0 343.6



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

