

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014710.D
 Acq On : 24 Jan 2020 20:26
 Operator : JC/SP
 Sample : PB126303ZHE#11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB126303ZHE#11

Quant Time: Jan 24 23:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

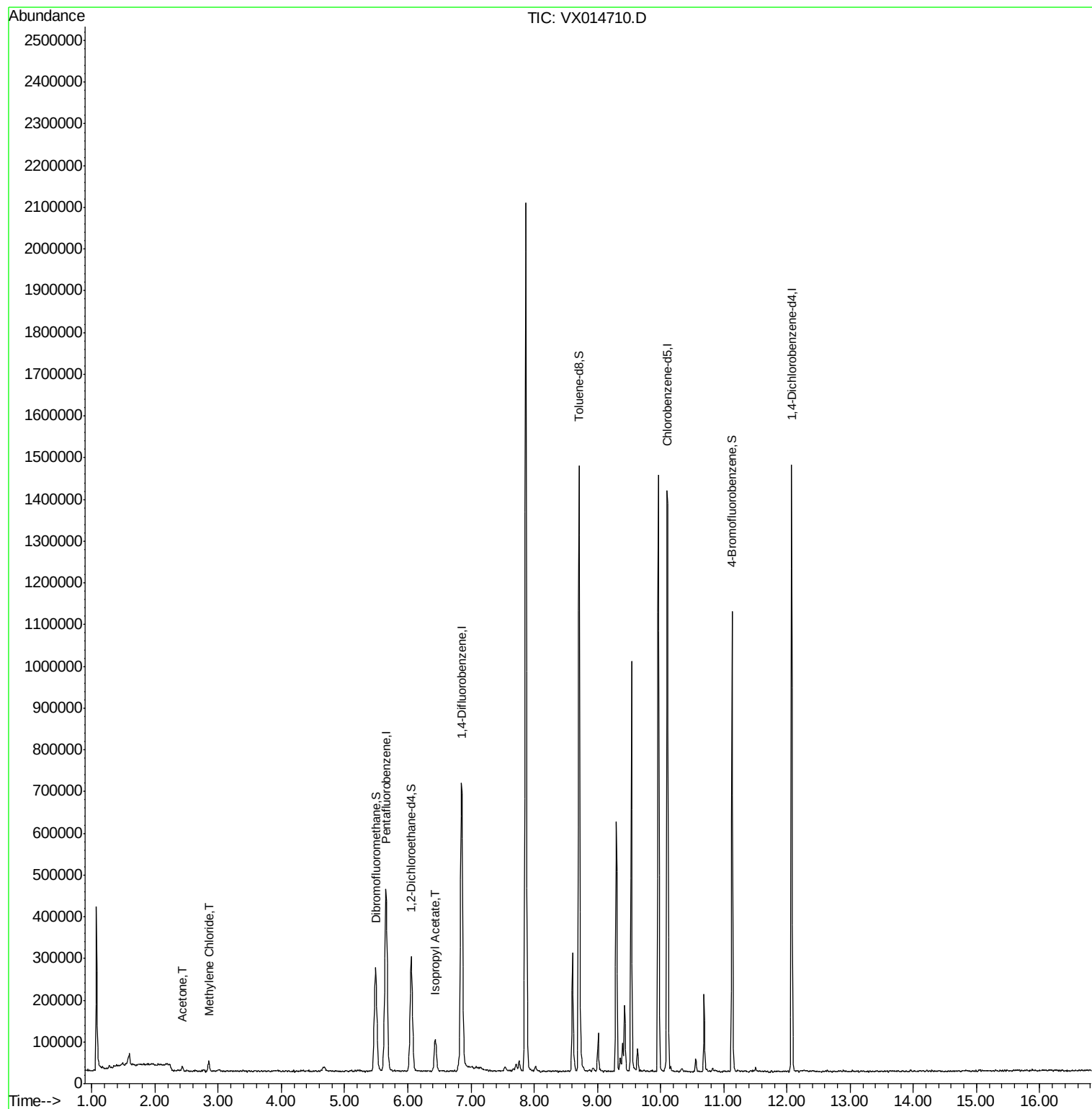
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	445193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	702405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	655745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	296019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	255172	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	5.49	113	217716	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	851398	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	292748	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
16) Acetone	2.44	43	13876	5.017	ug/l	100
20) Methylene Chloride	2.85	84	11787	2.236	ug/l	93
43) Isopropyl Acetate	6.43	43	105521	8.620	ug/l	98

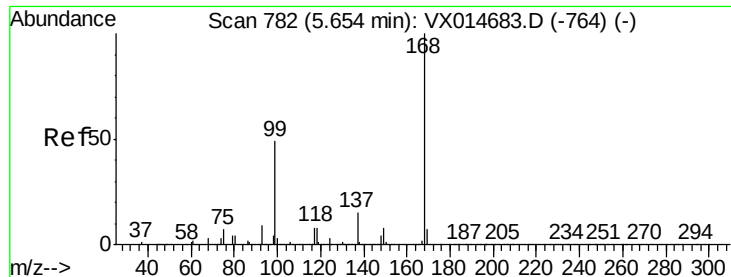
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014710.D

Acq: 24 Jan 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

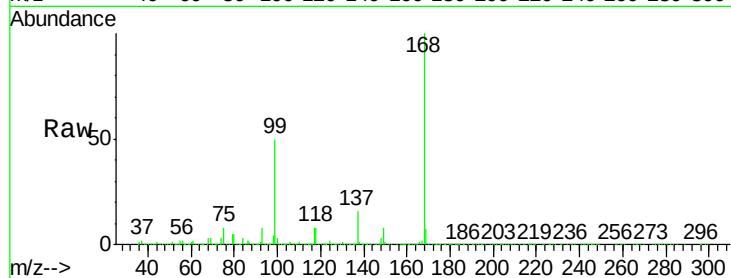
PB126303ZHE#11

Tot Ion:168 Resp: 445193

Ion Ratio Lower Upper

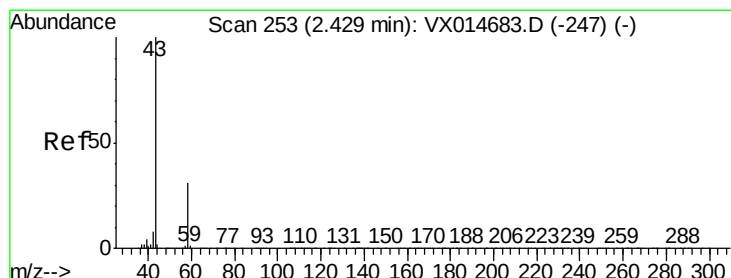
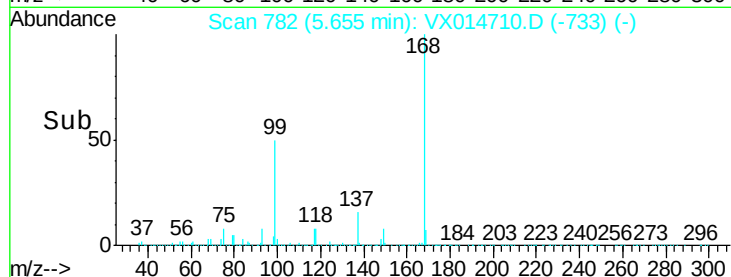
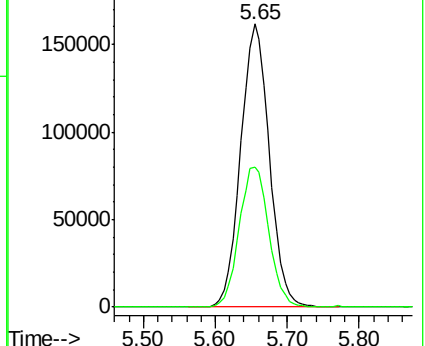
168 100

99 49.5 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.017 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX014710.D

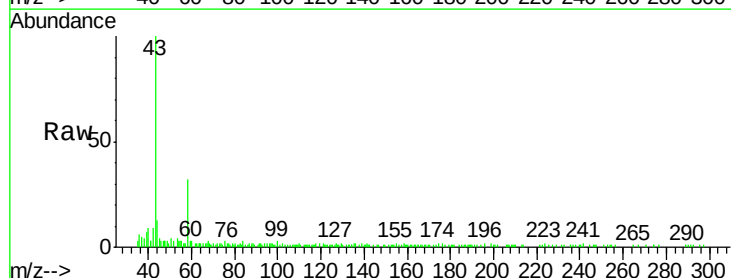
Acq: 24 Jan 2020 20:26

Tgt Ion: 43 Resp: 13876

Ion Ratio Lower Upper

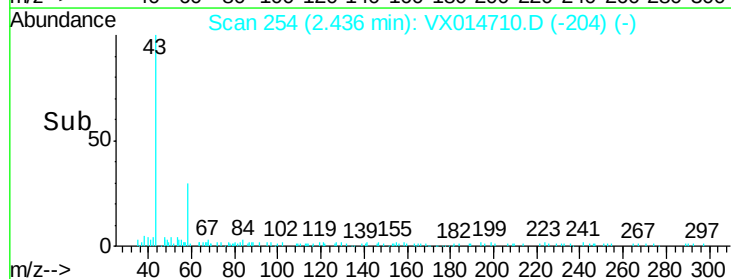
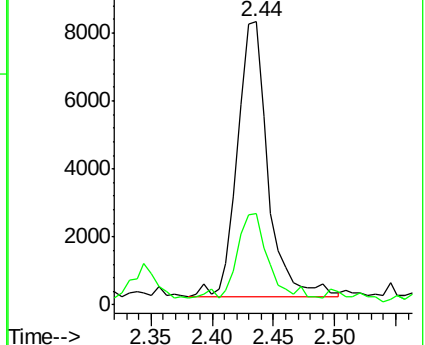
43 100

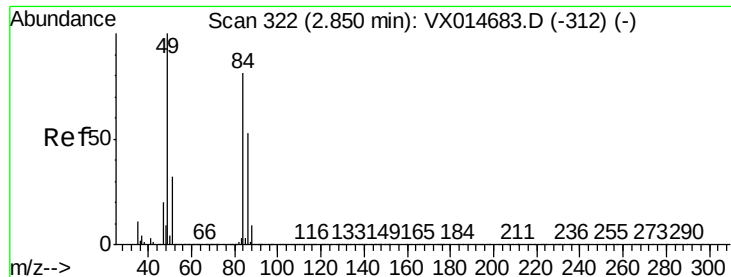
58 30.4 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

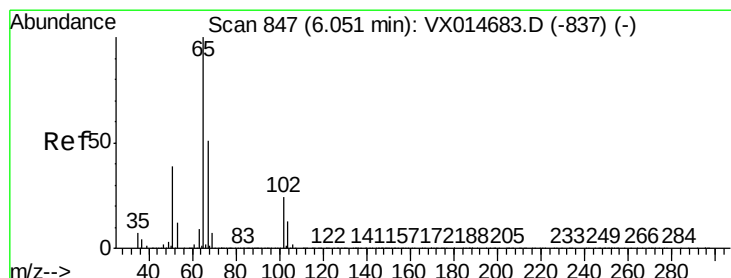
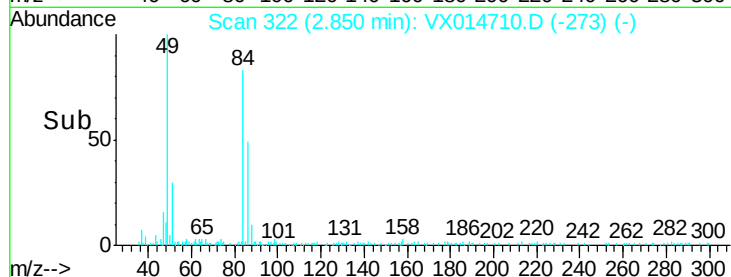
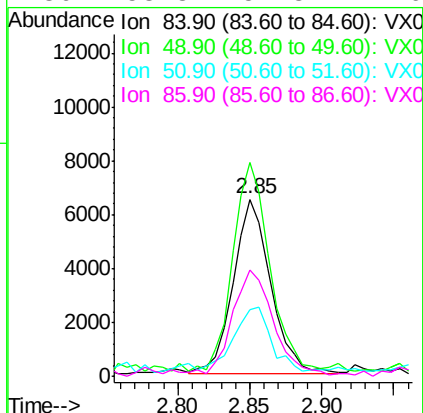
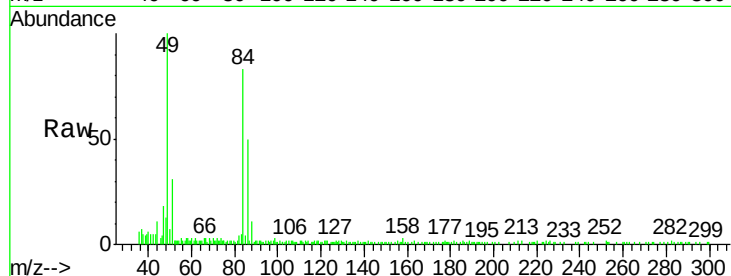




#20
Methylene Chloride
Concen: 2.236 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014710.D
Acq: 24 Jan 2020 20:26

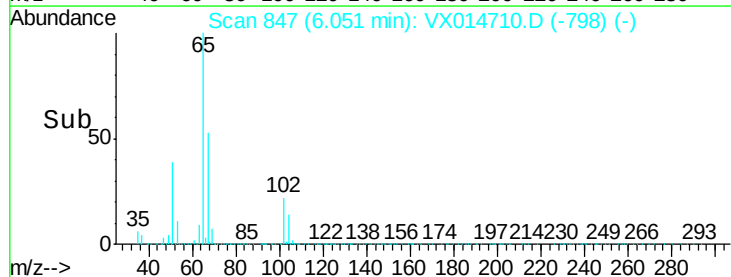
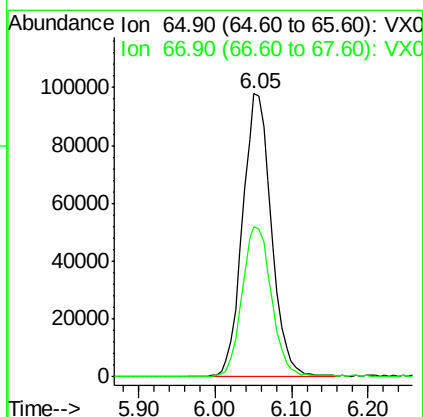
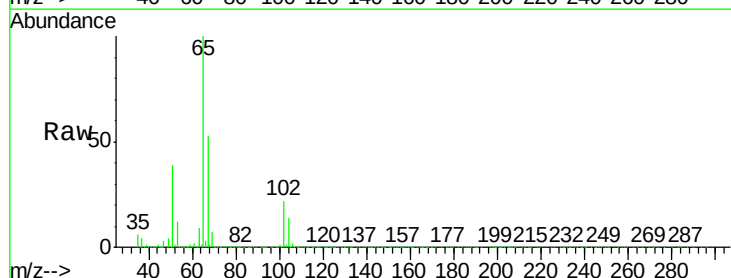
Instrument :
MSVOA_X
ClientSampleId :
PB126303ZHE#11

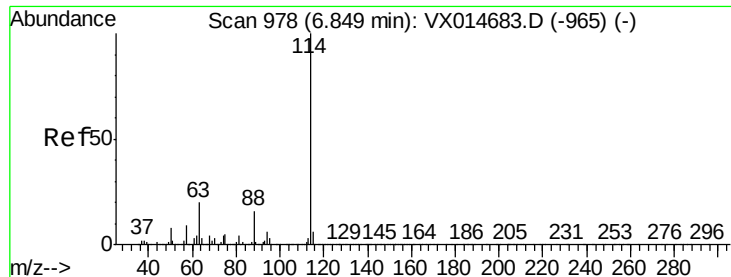
Tot Ion:	84	Resp:	11787
Ion	Ratio	Lower	Upper
84	100		
49	116.4	98.2	147.4
51	33.0	31.3	46.9
86	58.8	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 49.083 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014710.D
Acq: 24 Jan 2020 20:26

Tgt Ion:	65	Resp:	255172
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	107.4

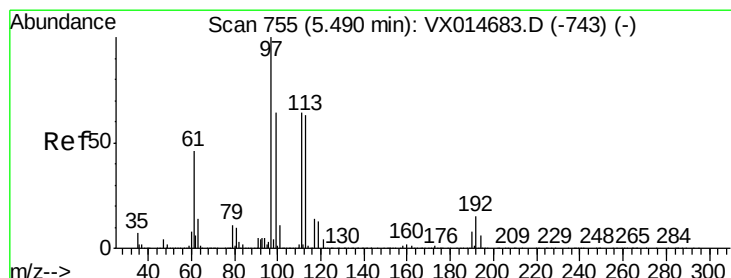
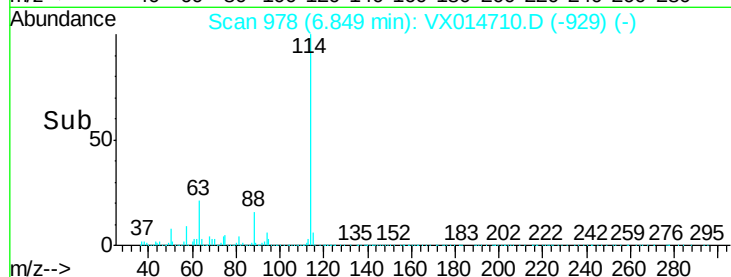
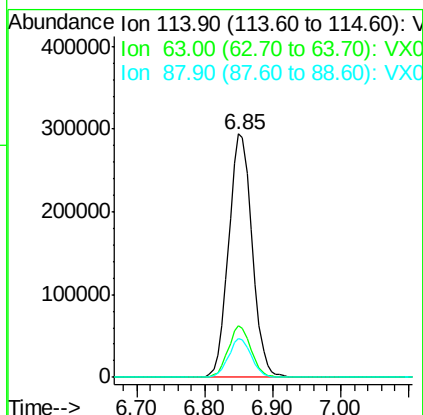
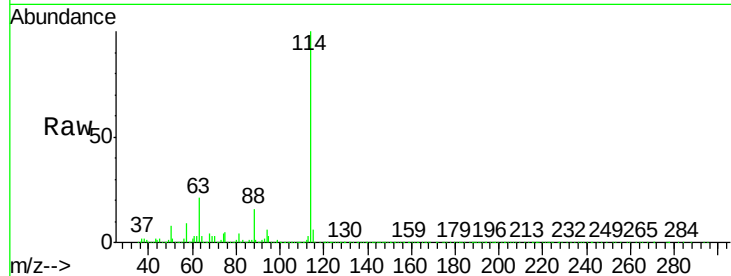




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014710.D
Acq: 24 Jan 2020 20:26

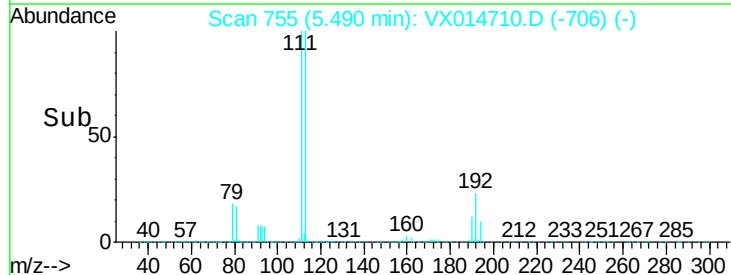
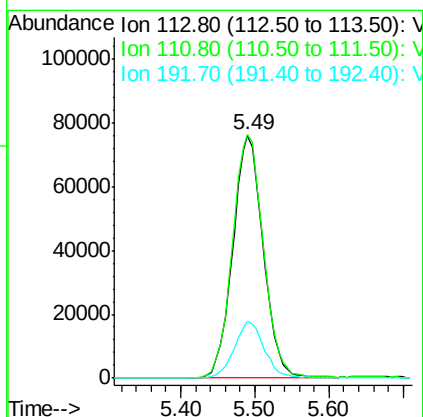
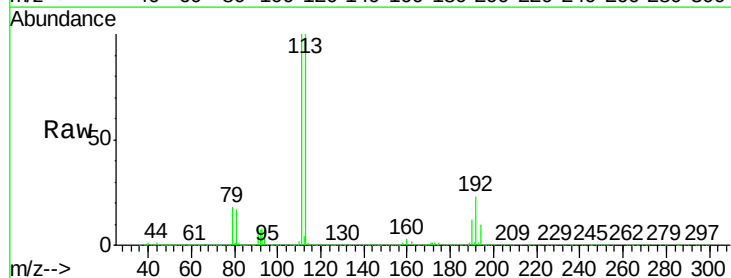
Instrument :
MSVOA_X
ClientSampleId :
PB126303ZHE#11

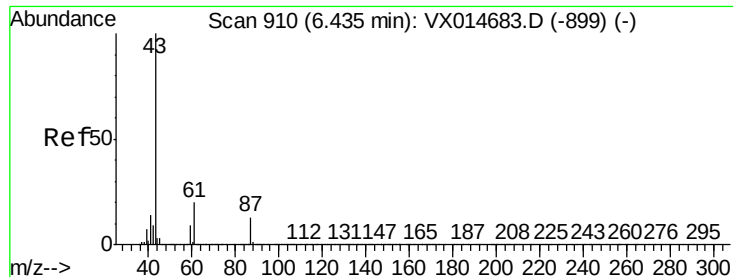
Tot Ion:	114	Resp:	702405
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.6
88	16.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014710.D
Acq: 24 Jan 2020 20:26

Tgt Ion:	113	Resp:	217716
Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	23.0	18.5	27.7





#43

Isopropyl Acetate

Concen: 8.620 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014710.D

Acq: 24 Jan 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

PB126303ZHE#11

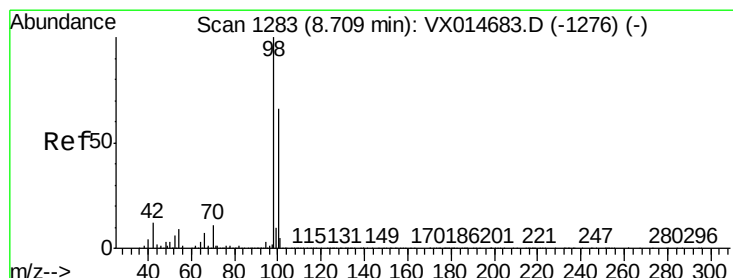
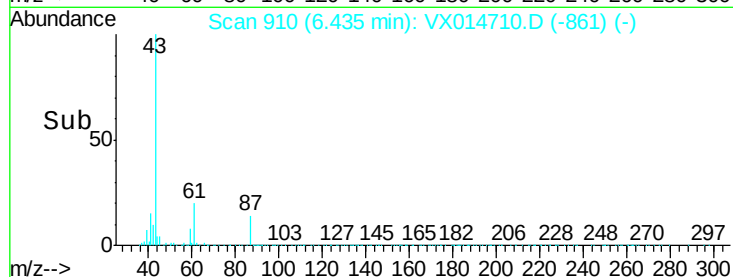
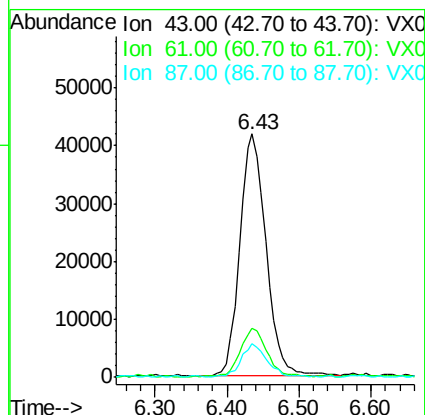
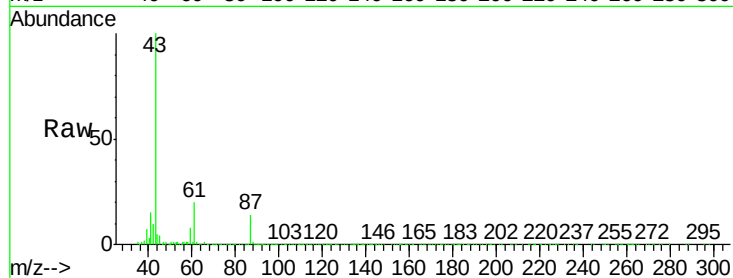
Tot Ion: 43 Resp: 105521

Ion Ratio Lower Upper

43 100

61 21.1 16.2 24.4

87 13.7 10.5 15.7



#50

Toluene-d8

Concen: 49.968 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014710.D

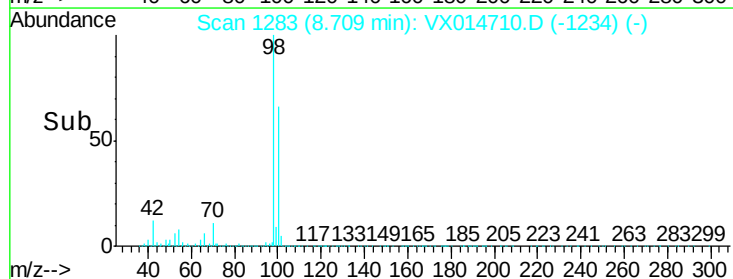
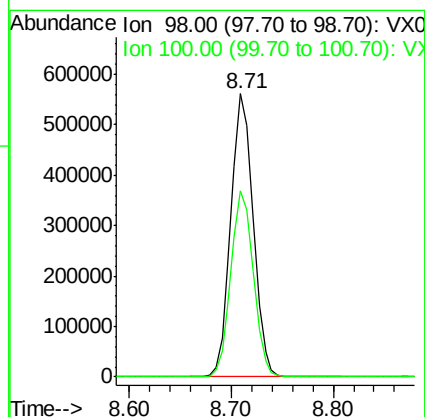
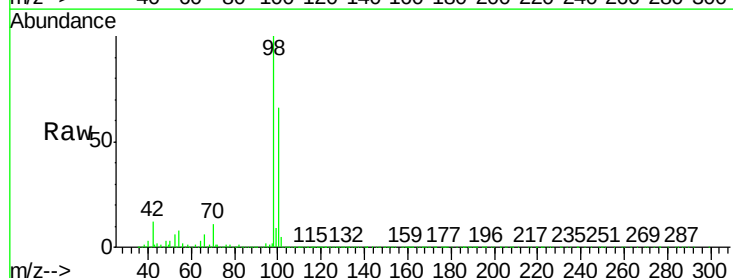
Acq: 24 Jan 2020 20:26

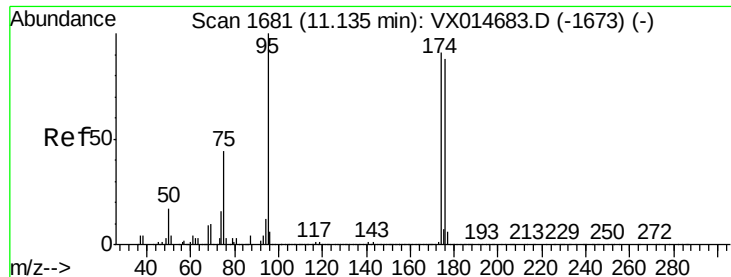
Tgt Ion: 98 Resp: 851398

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 48.232 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014710.D

Acq: 24 Jan 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

PB126303ZHE#11

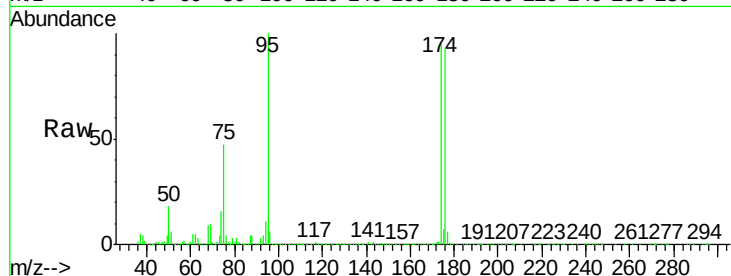
Tot Ion: 95 Resp: 292748

Ion Ratio Lower Upper

95 100

174 90.9 0.0 176.0

176 86.1 0.0 172.2

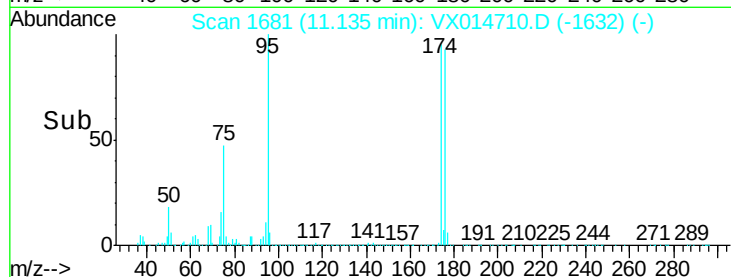


Abundance Ion 94.90 (94.60 to 95.60): VX014710.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014710.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014710.D (-1632) (-)

Time-->



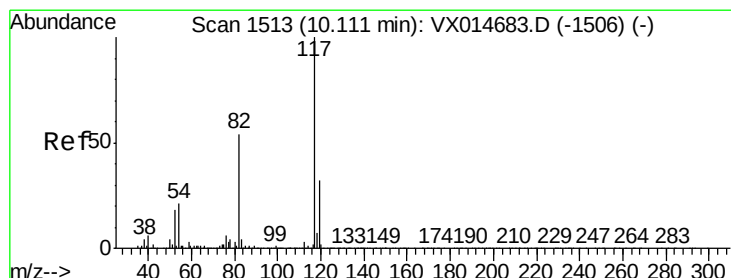
Abundance

Ion 94.90 (94.60 to 95.60): VX014710.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014710.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014710.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014710.D

Acq: 24 Jan 2020 20:26

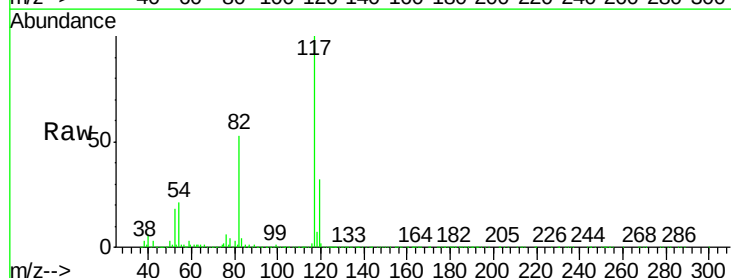
Tgt Ion: 117 Resp: 655745

Ion Ratio Lower Upper

117 100

82 52.5 43.2 64.8

119 31.5 25.8 38.6

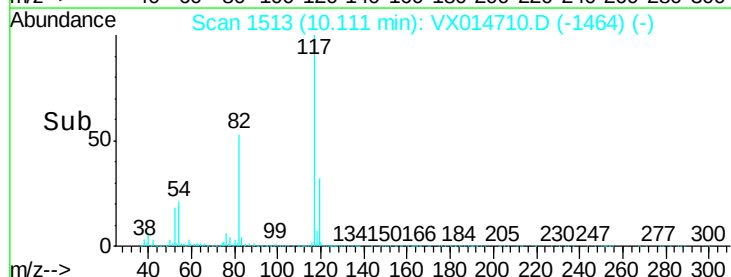


Abundance Ion 116.90 (116.60 to 117.60): VX014710.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014710.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014710.D (-1464) (-)

Time-->



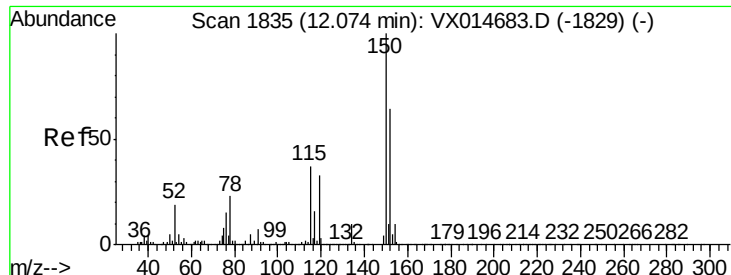
Abundance

Ion 116.90 (116.60 to 117.60): VX014710.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014710.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014710.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014710.D

Acq: 24 Jan 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

PB126303ZHE#11

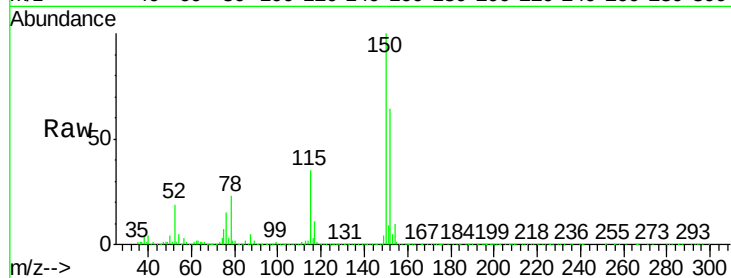
Tot Ion:152 Resp: 296019

Ion Ratio Lower Upper

152 100

115 54.7 39.4 118.1

150 155.3 0.0 351.2



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

