

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014228.D
 Acq On : 24 Dec 2019 02:28
 Operator : JC/SP
 Sample : K6401-06 100X
 Misc : 5.27g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B40

Quant Time: Dec 24 04:31:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

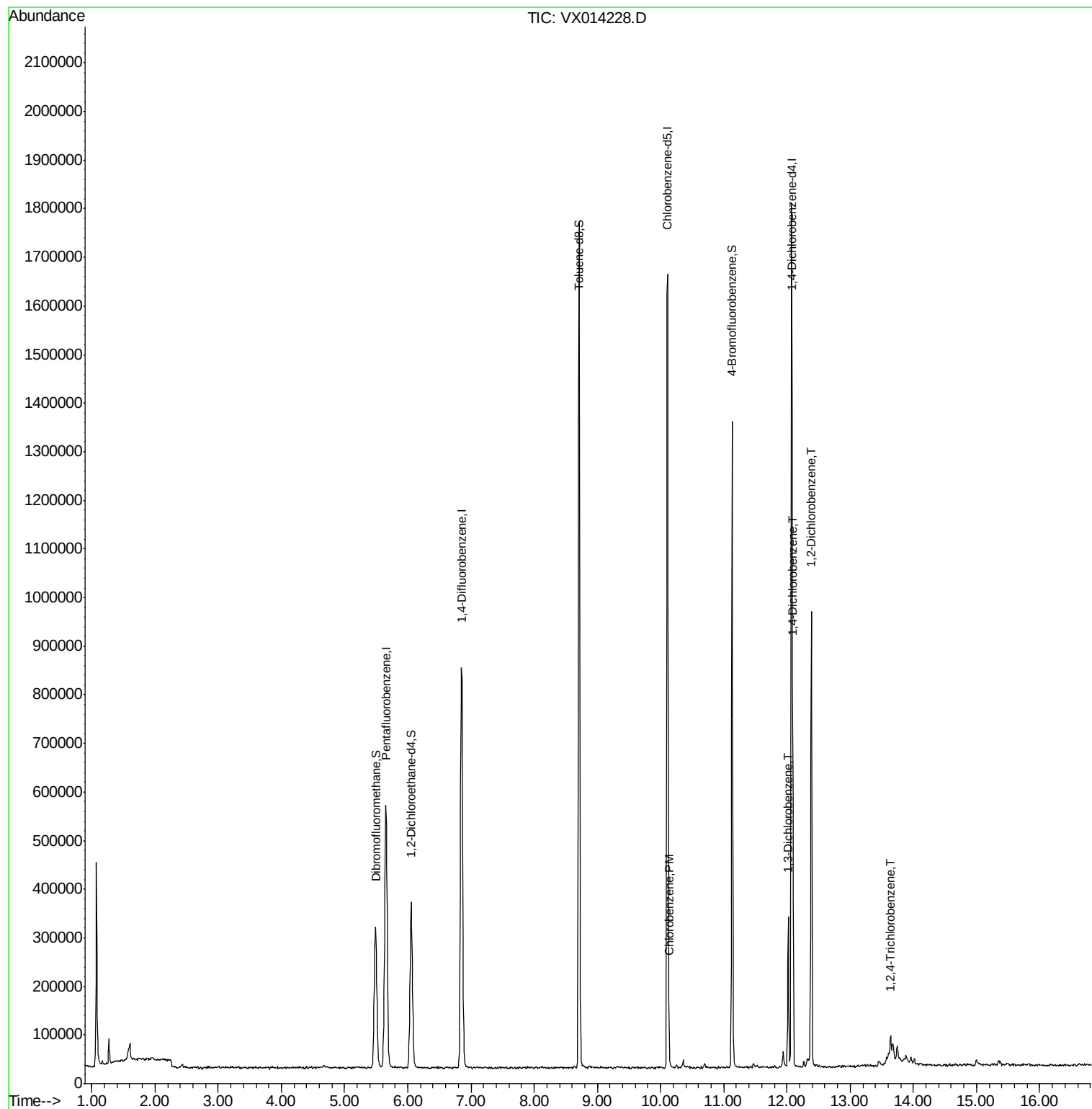
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	567956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	860589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	784283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	364816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	313218	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	5.49	113	257853	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	8.71	98	1029062	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	353912	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
65) Chlorobenzene	10.14	112	16935	1.016	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	98811	7.978	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	148578	11.798	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	302178	24.236	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	8742	1.079	ug/l	92

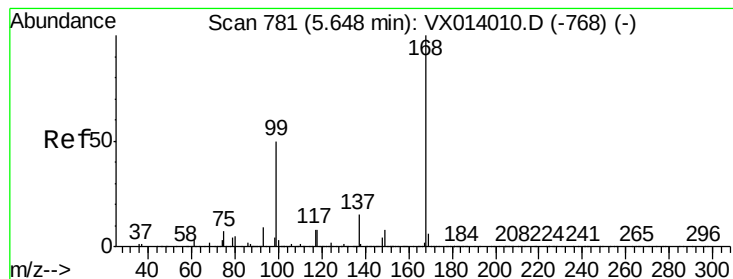
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014228.D

Acq: 24 Dec 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

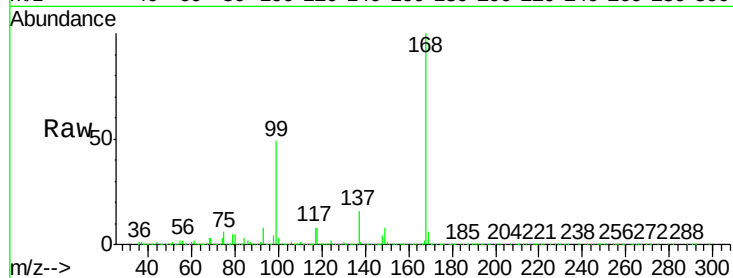
C0B40

Tot Ion:168 Resp: 567956

Ion Ratio Lower Upper

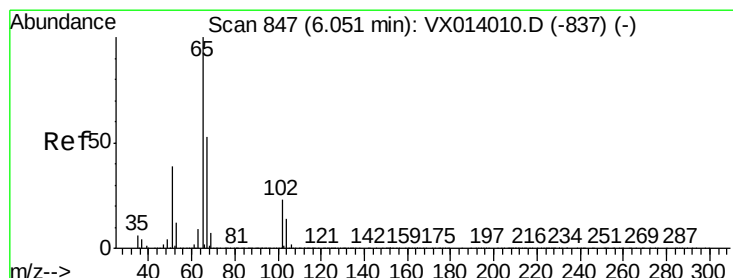
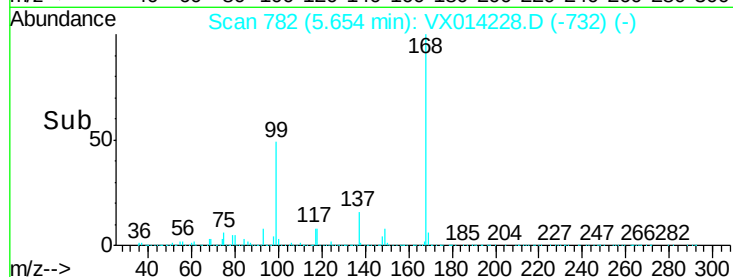
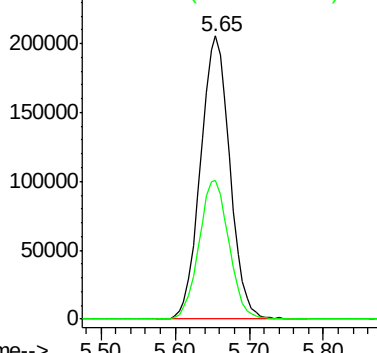
168 100

99 49.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.659 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014228.D

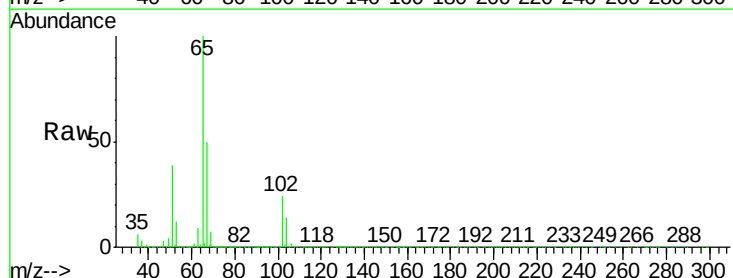
Acq: 24 Dec 2019 02:28

Tgt Ion: 65 Resp: 313218

Ion Ratio Lower Upper

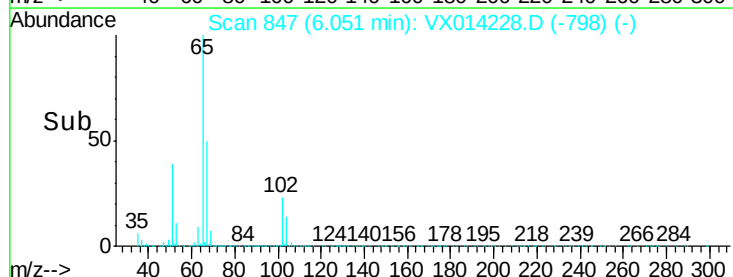
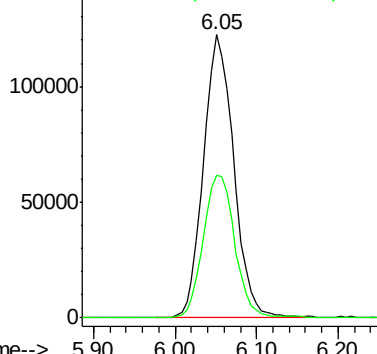
65 100

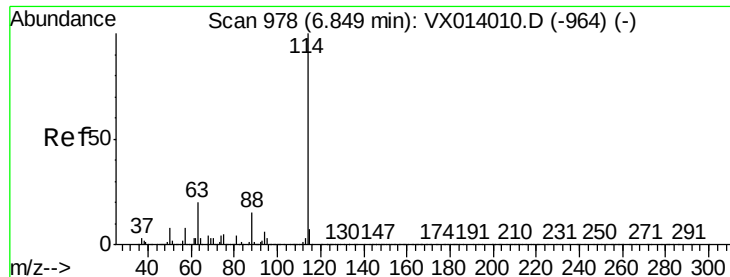
67 52.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

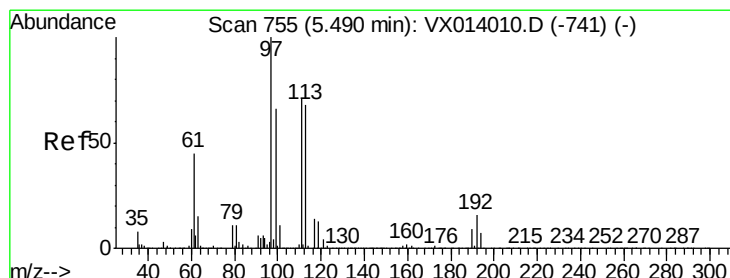
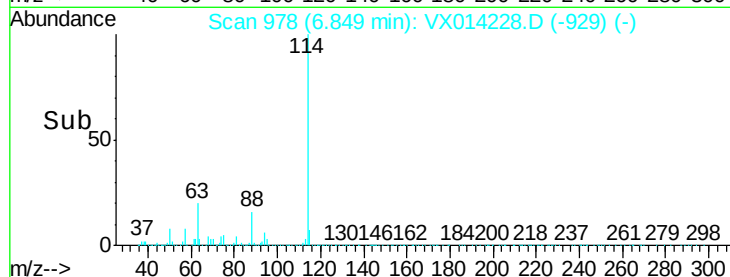
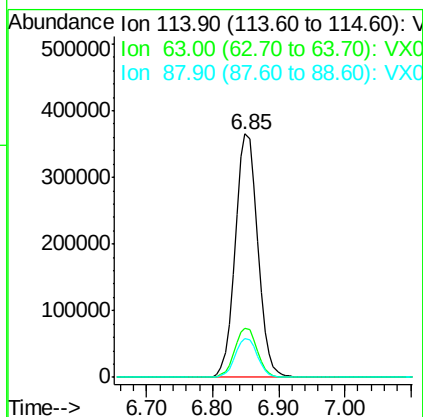
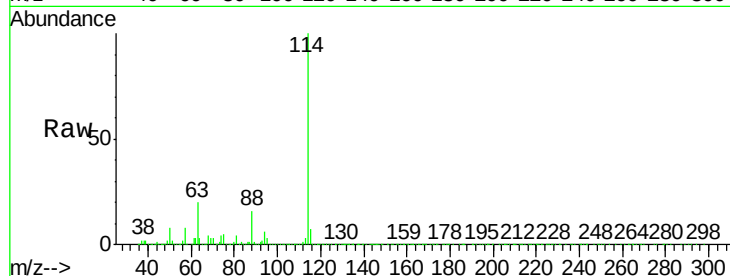




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014228.D
Acq: 24 Dec 2019 02:28

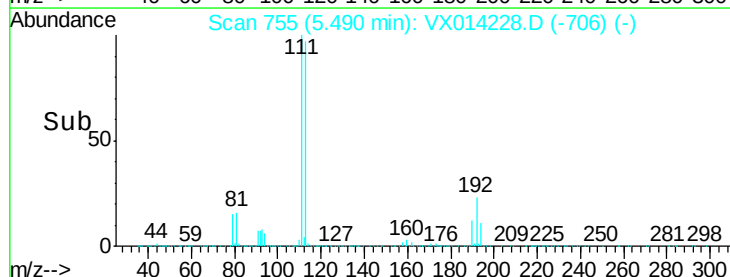
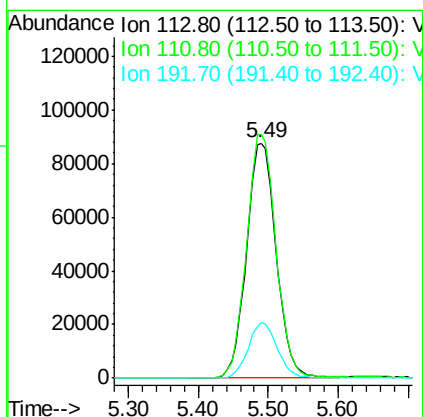
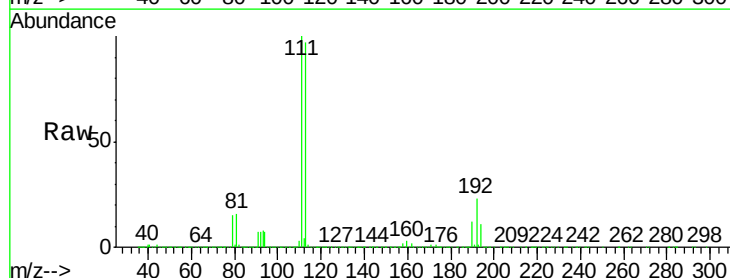
Instrument :
MSVOA_X
ClientSampleId :
C0B40

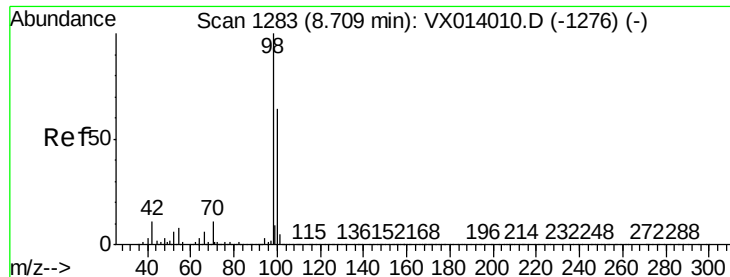
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.9	0.0	30.4



#35
Dibromofluoromethane
Concen: 49.289 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014228.D
Acq: 24 Dec 2019 02:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.1	19.3	28.9





#50

Toluene-d8

Concen: 50.525 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014228.D

Acq: 24 Dec 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

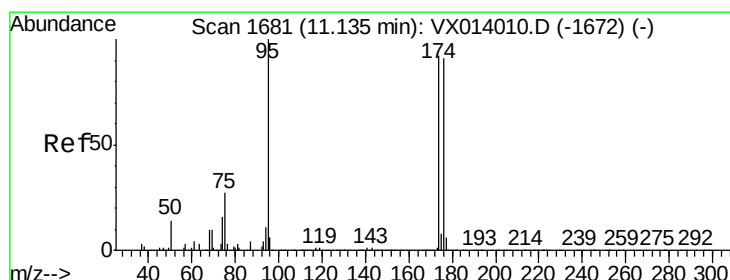
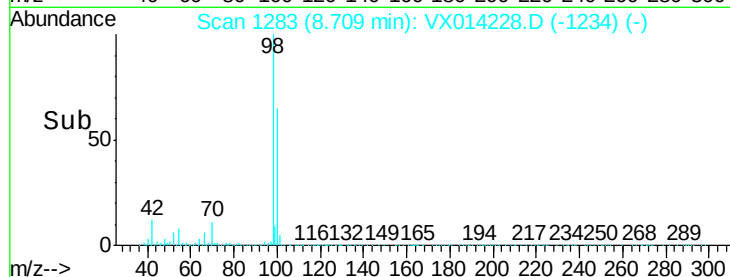
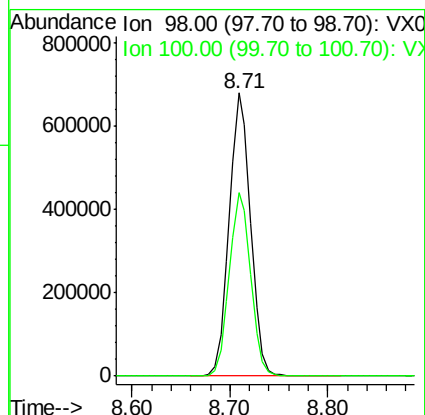
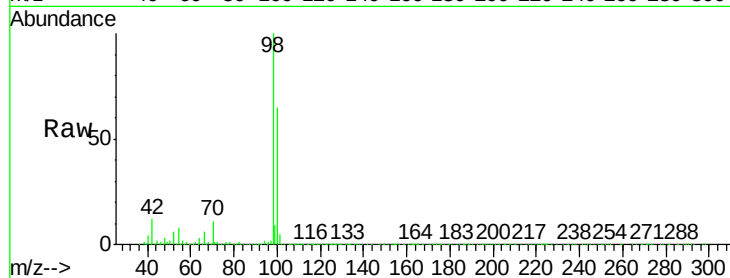
C0B40

Tot Ion: 98 Resp: 1029062

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.536 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014228.D

Acq: 24 Dec 2019 02:28

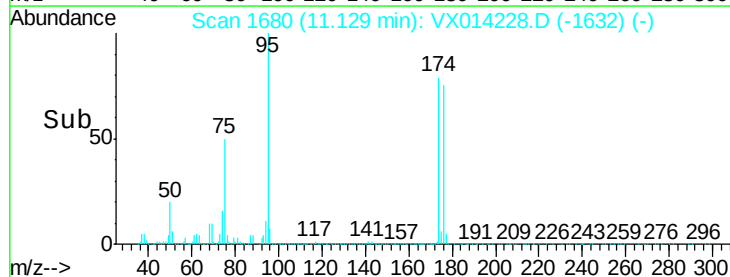
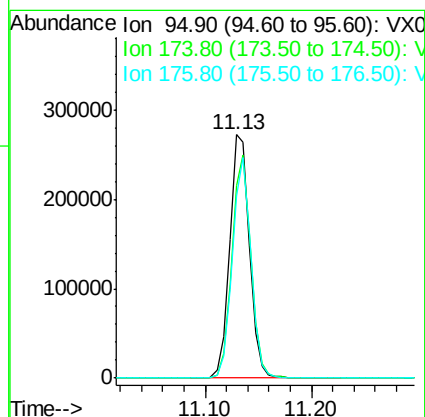
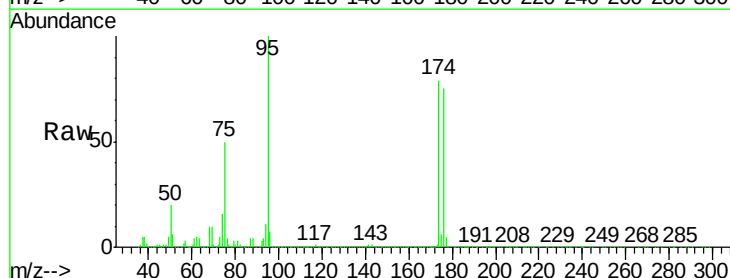
Tgt Ion: 95 Resp: 353912

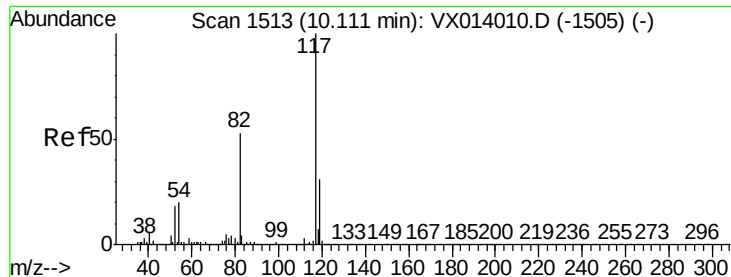
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

176 85.7 0.0 173.0

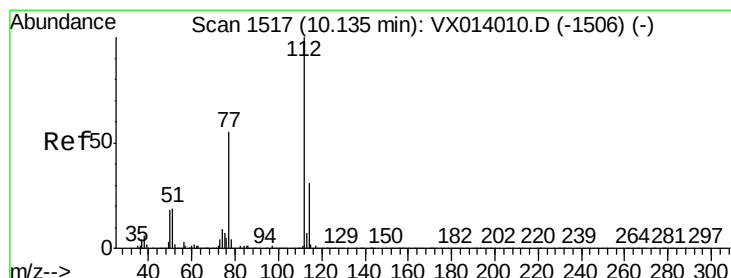
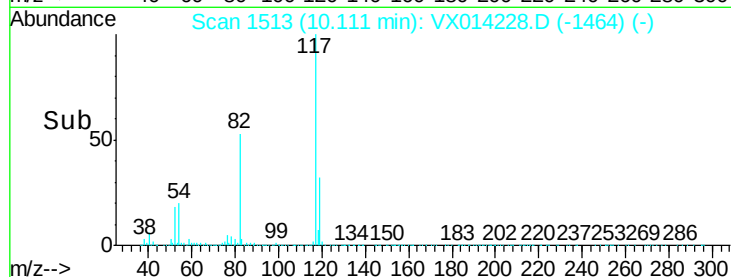
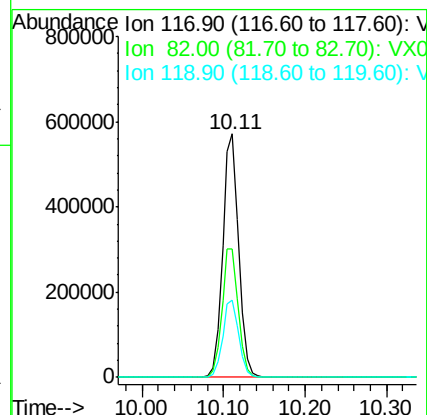
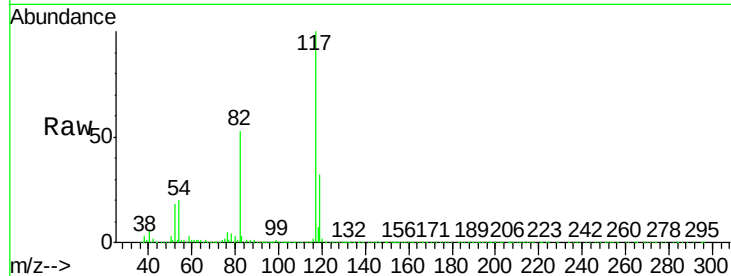




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014228.D
Acq: 24 Dec 2019 02:28

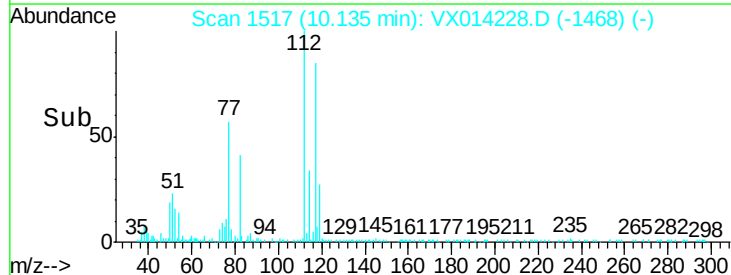
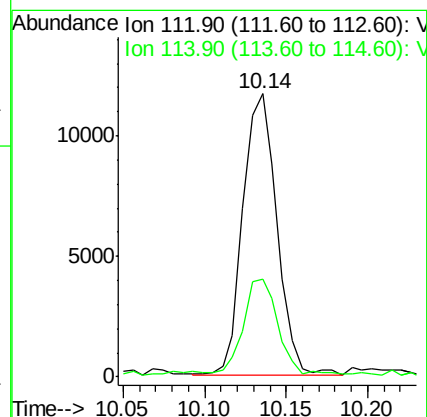
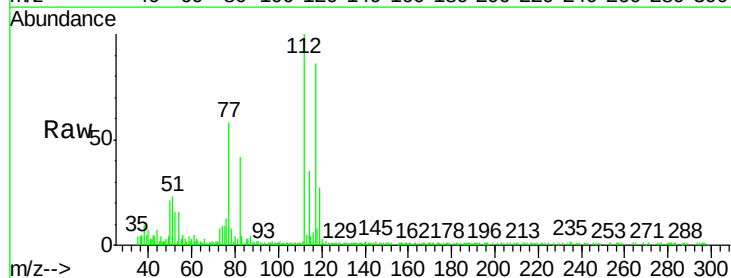
Instrument :
MSVOA_X
ClientSampleId :
C0B40

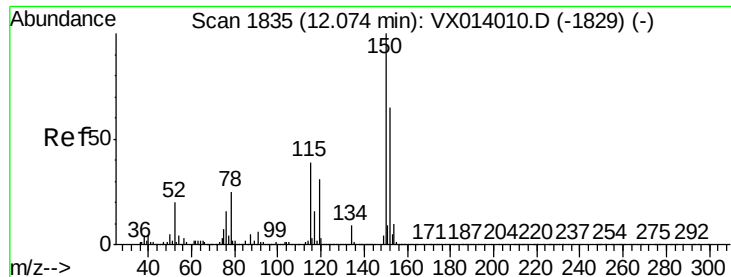
Tot Ion:117 Resp: 784283
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 31.6 25.1 37.7



#65
Chlorobenzene
Concen: 1.016 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014228.D
Acq: 24 Dec 2019 02:28

Tgt Ion:112 Resp: 16935
Ion Ratio Lower Upper
112 100
114 33.8 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014228.D

Acq: 24 Dec 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

C0B40

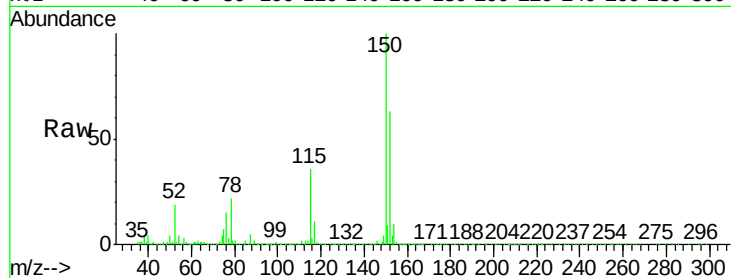
Tot Ion:152 Resp: 364816

Ion Ratio Lower Upper

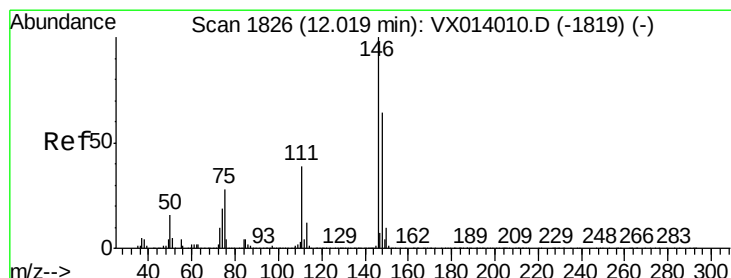
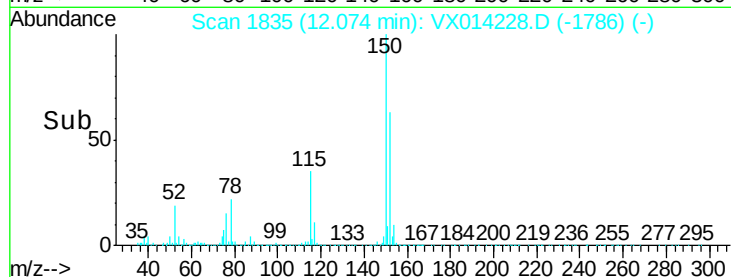
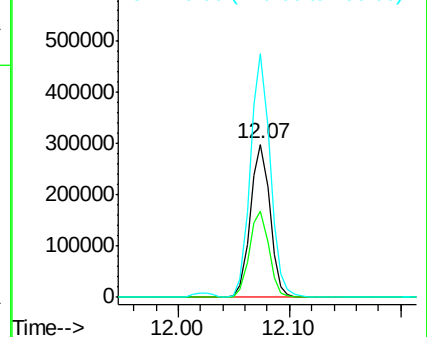
152 100

115 56.2 38.3 114.9

150 160.7 0.0 345.4



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



#87

1,3-Dichlorobenzene

Concen: 7.978 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014228.D

Acq: 24 Dec 2019 02:28

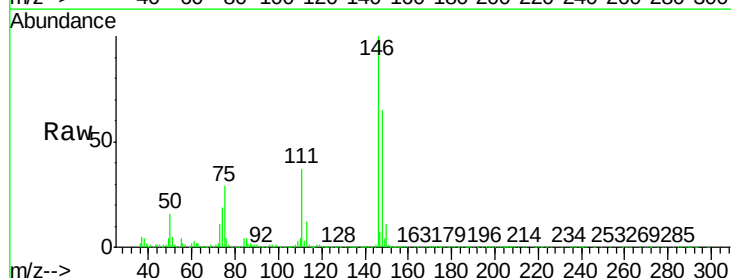
Tgt Ion:146 Resp: 98811

Ion Ratio Lower Upper

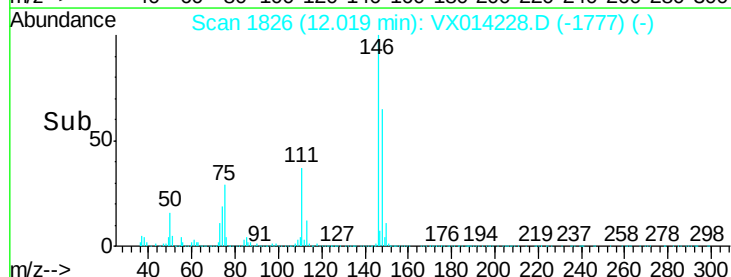
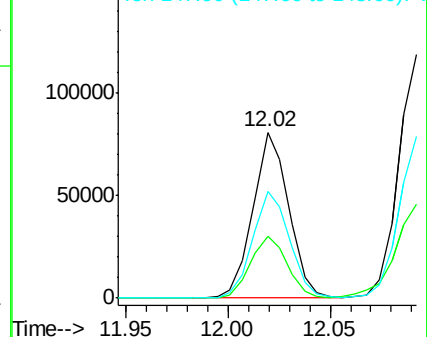
146 100

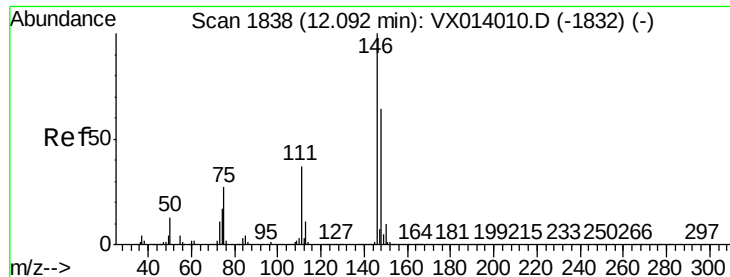
111 38.4 19.1 57.1

148 66.2 32.3 96.9



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





#88

1,4-Dichlorobenzene

Concen: 11.798 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014228.D

Acq: 24 Dec 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

C0B40

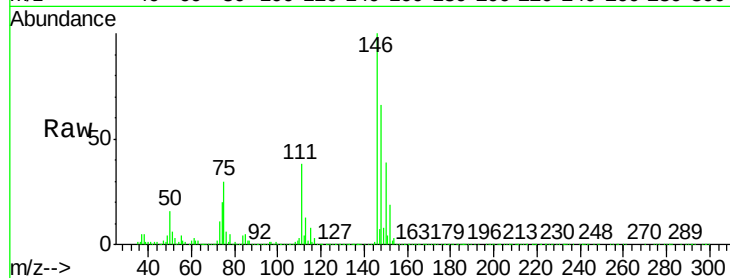
Tot Ion:146 Resp: 148578

Ion Ratio Lower Upper

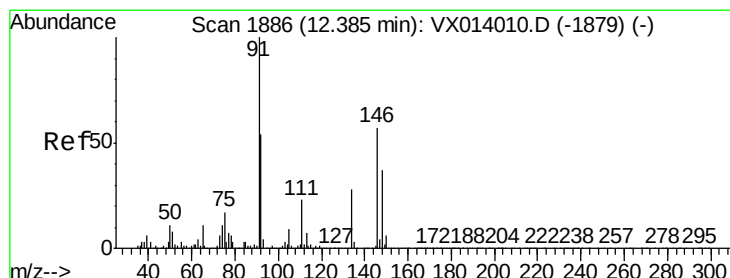
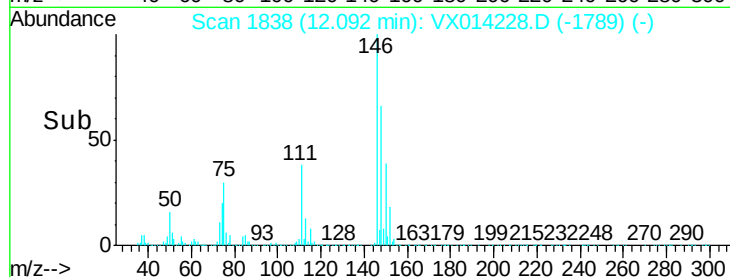
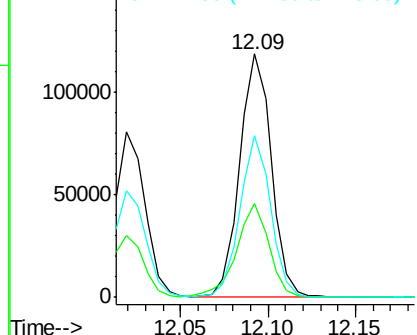
146 100

111 39.7 18.7 56.1

148 65.2 31.9 95.9



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



#91

1,2-Dichlorobenzene

Concen: 24.236 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014228.D

Acq: 24 Dec 2019 02:28

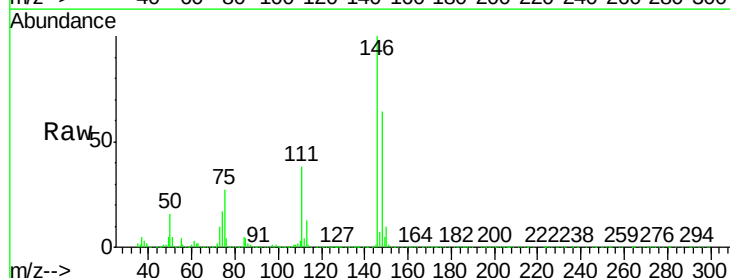
Tgt Ion:146 Resp: 302178

Ion Ratio Lower Upper

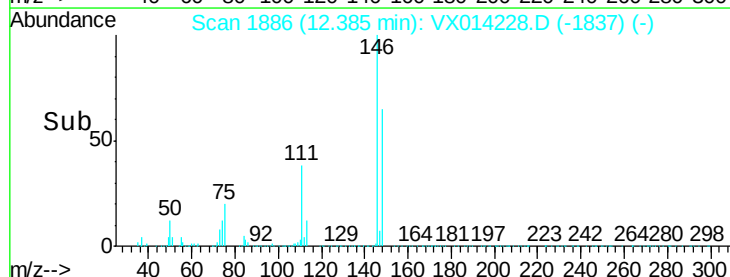
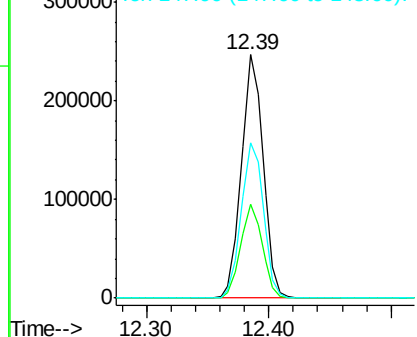
146 100

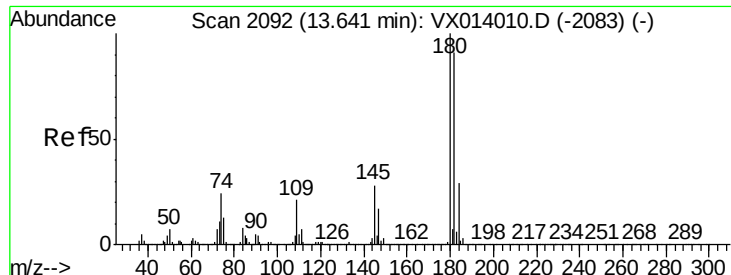
111 38.7 19.7 59.1

148 65.0 32.1 96.5



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





#93

1,2,4-Trichlorobenzene

Concen: 1.079 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014228.D

Acq: 24 Dec 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

C0B40

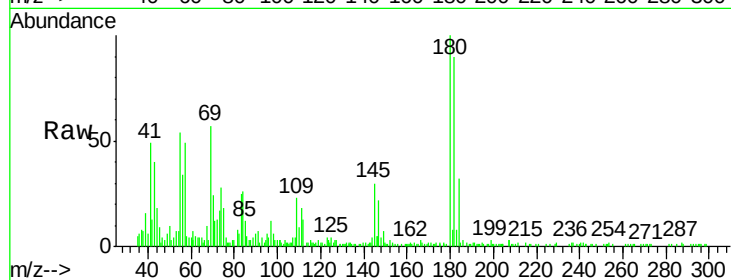
Tot Ion:180 Resp: 8742

Ion Ratio Lower Upper

180 100

182 101.5 46.6 139.8

145 31.7 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

