

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015821.D
 Acq On : 22 Apr 2020 02:28
 Operator : JC/SP
 Sample : L2351-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-20A

Quant Time: Apr 22 07:11:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

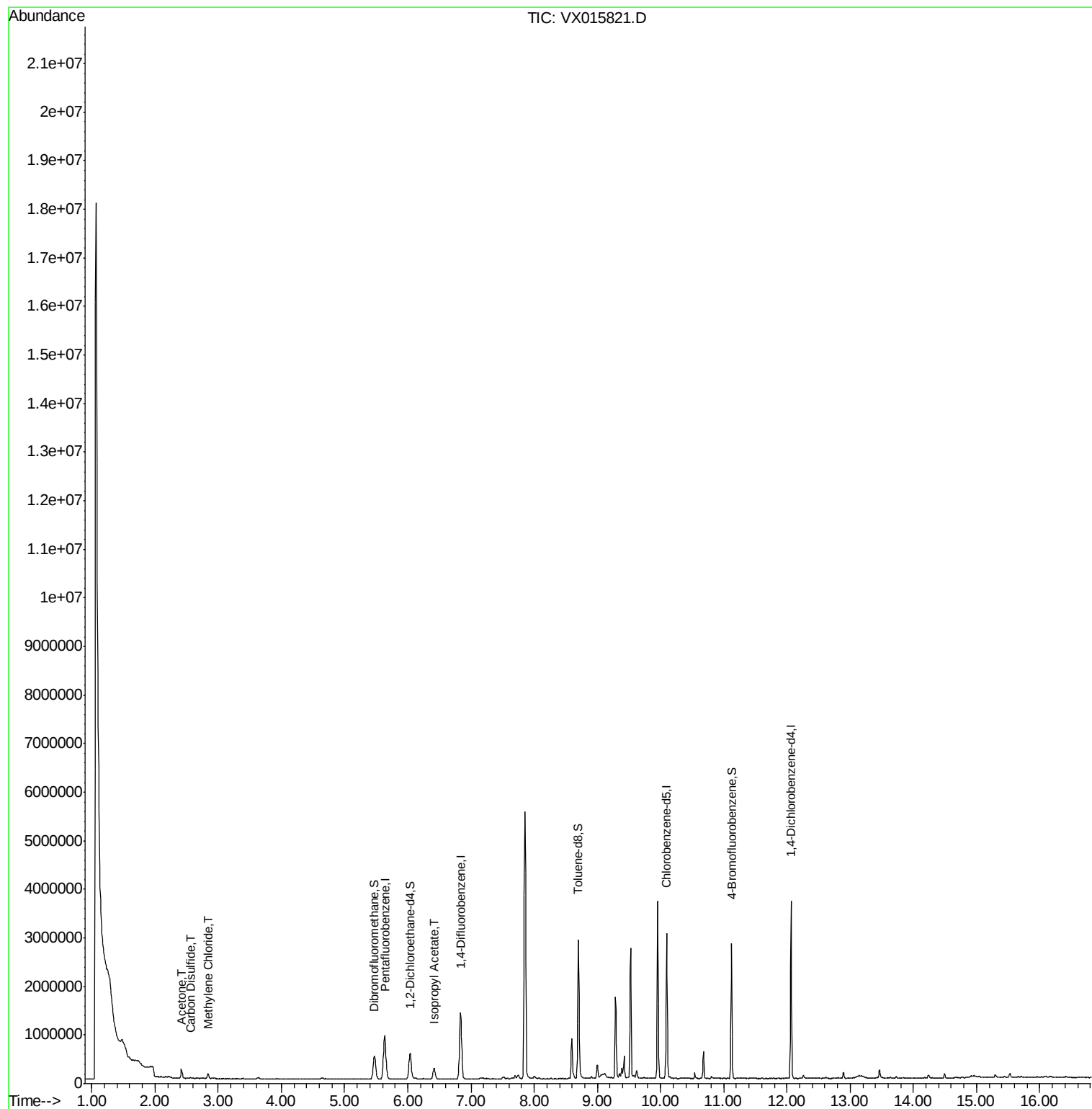
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	921705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1409104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1366750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	770545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	505421	38.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.76%	
35) Dibromofluoromethane	5.47	113	411174	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
50) Toluene-d8	8.70	98	1692159	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.12	95	710943	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
Target Compounds						
16) Acetone	2.42	43	209799	37.565	ug/l	94
17) Carbon Disulfide	2.56	76	27733	1.045	ug/l #	92
20) Methylene Chloride	2.84	84	46248	4.433	ug/l	85
43) Isopropyl Acetate	6.42	43	320311	11.224	ug/l	97

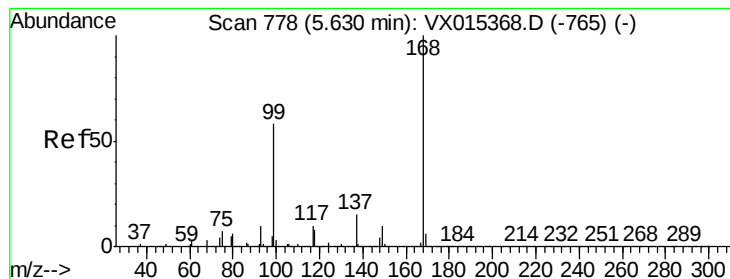
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015821.D

Acq: 22 Apr 2020 02:28

Instrument :

MSVOA_X

ClientSampleId :

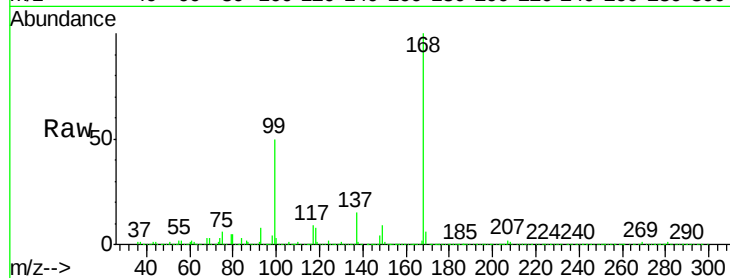
TP-20A

Tot Ion:168 Resp: 921705

Ion Ratio Lower Upper

168 100

99 50.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

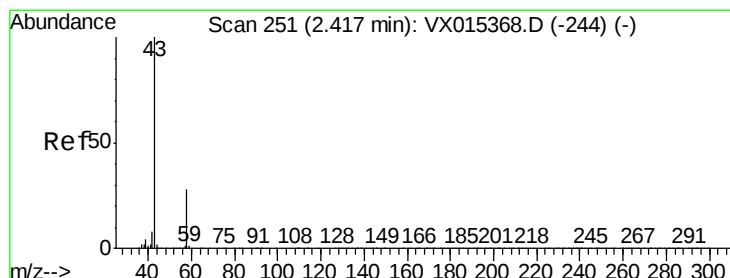
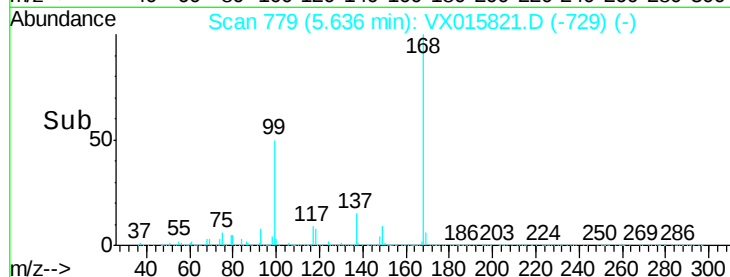
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 37.565 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015821.D

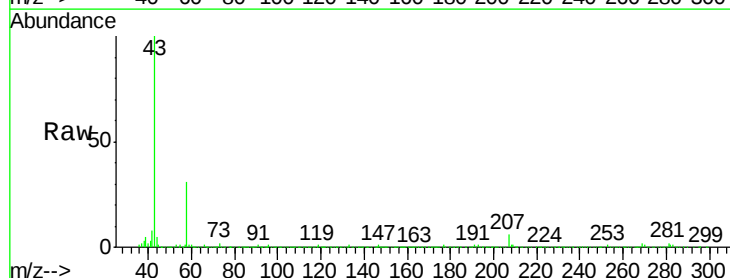
Acq: 22 Apr 2020 02:28

Tgt Ion: 43 Resp: 209799

Ion Ratio Lower Upper

43 100

58 31.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

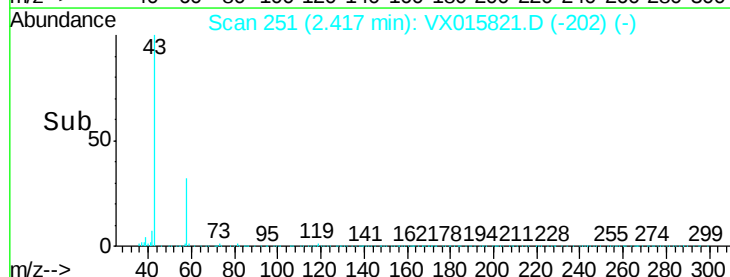
2.42

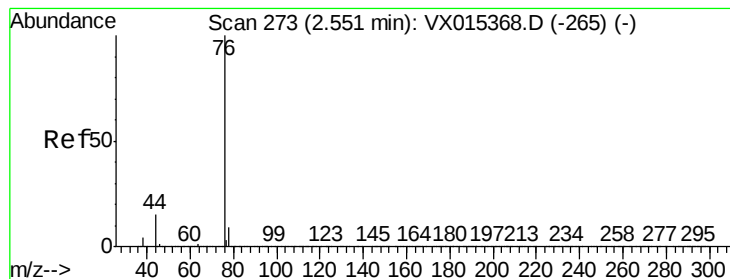
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 1.045 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015821.D

Acq: 22 Apr 2020 02:28

Instrument :

MSVOA_X

ClientSampleId :

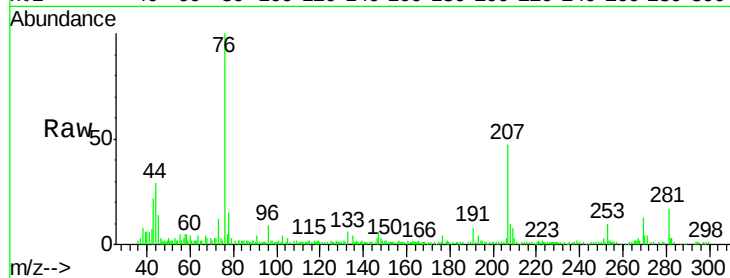
TP-20A

Tot Ion: 76 Resp: 27733

Ion Ratio Lower Upper

76 100

78 11.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

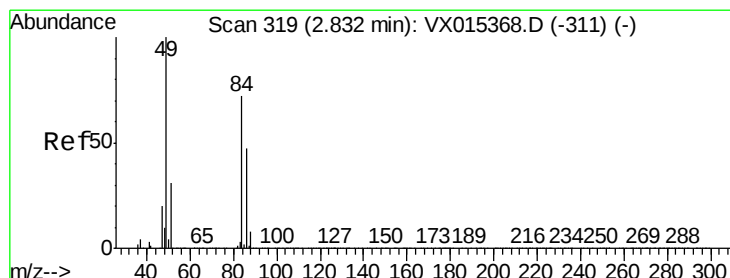
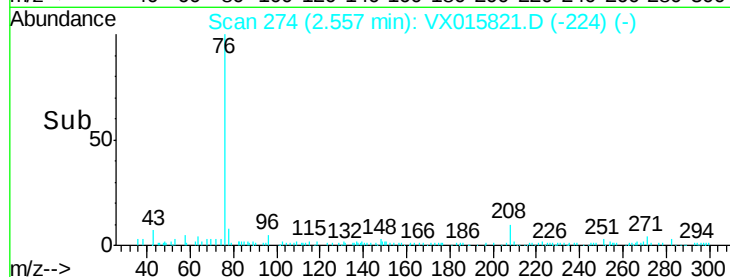
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 4.433 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015821.D

Acq: 22 Apr 2020 02:28

Tgt Ion: 84 Resp: 46248

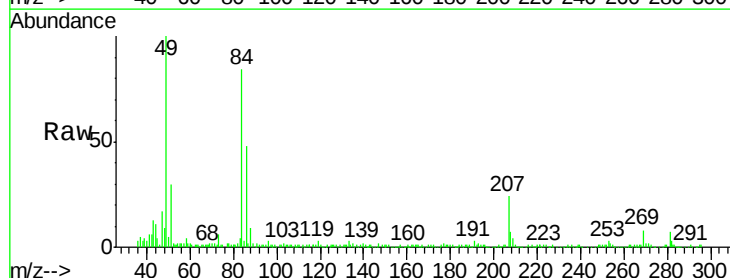
Ion Ratio Lower Upper

84 100

49 117.7 111.3 166.9

51 35.0 34.0 51.0

86 57.4 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

50000

40000

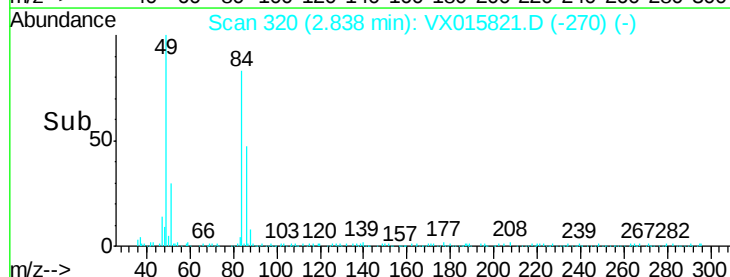
30000

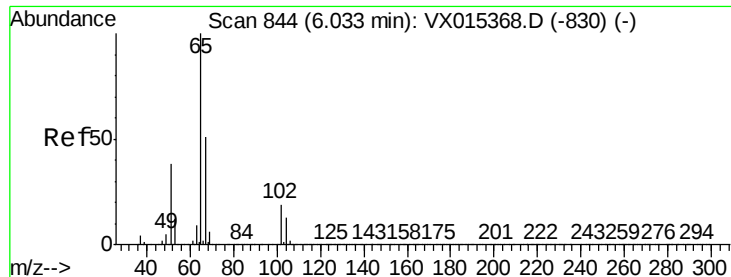
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 38.880 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015821.D

Acq: 22 Apr 2020 02:28

Instrument :

MSVOA_X

ClientSampleId :

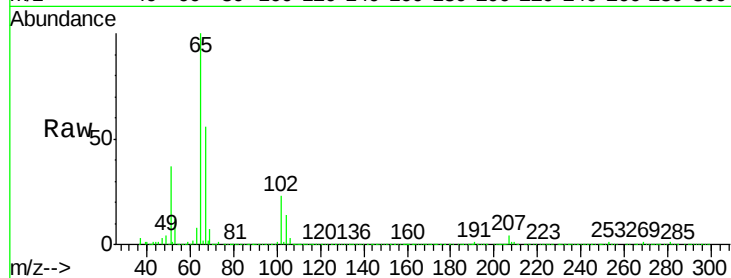
TP-20A

Tot Ion: 65 Resp: 505421

Ion Ratio Lower Upper

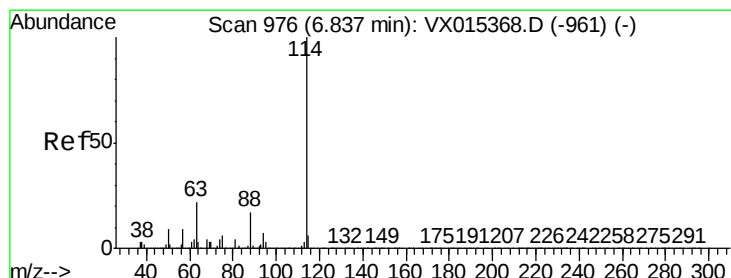
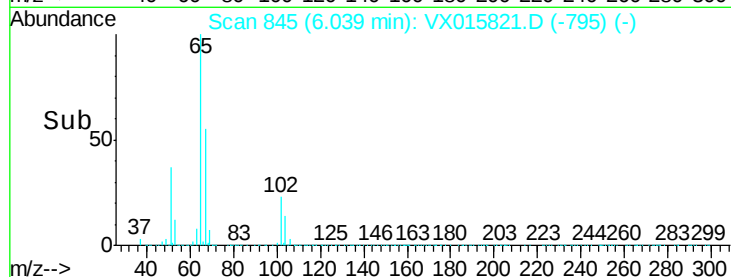
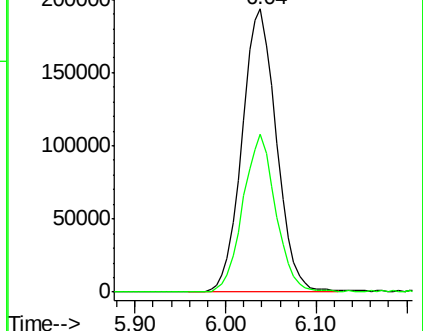
65 100

67 53.2 0.0 102.6



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# 976

Delta R.T. -0.00 min

Lab File: VX015821.D

Acq: 22 Apr 2020 02:28

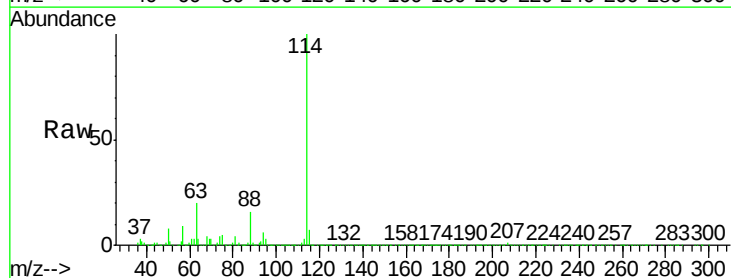
Tgt Ion: 114 Resp: 1409104

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.2

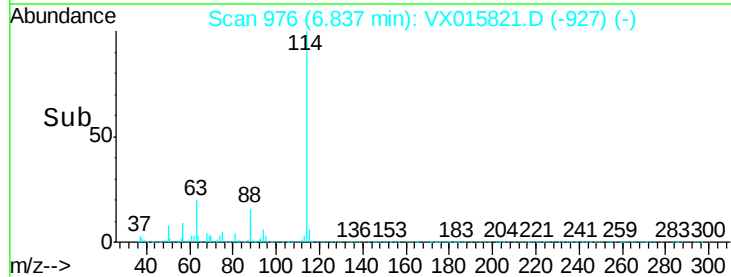
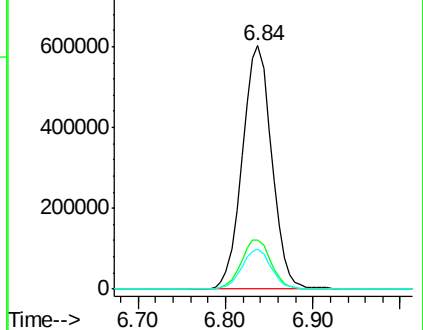
88 16.2 0.0 33.8

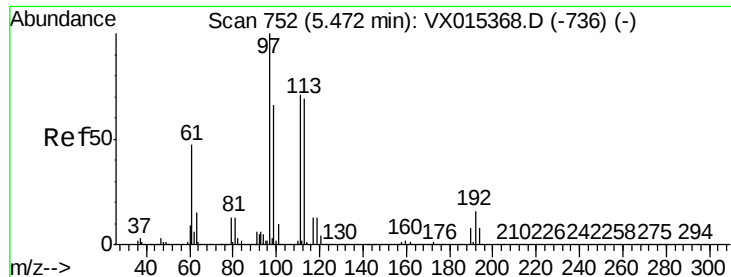


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

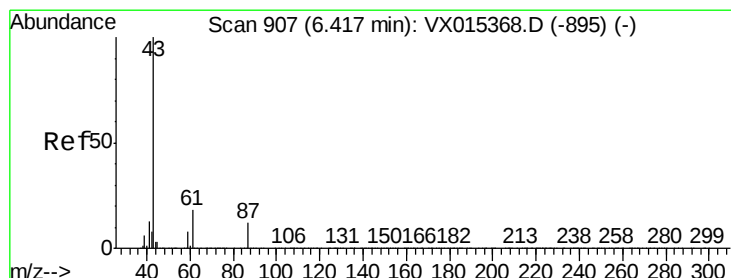
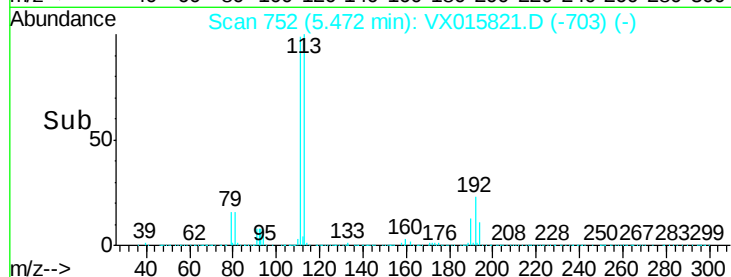
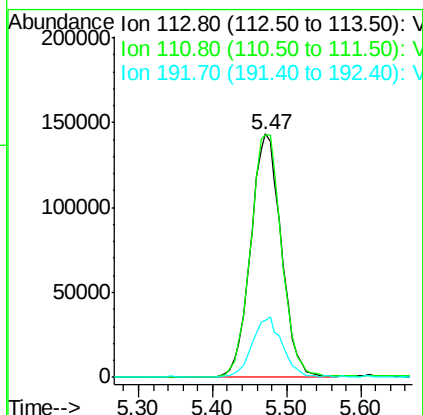
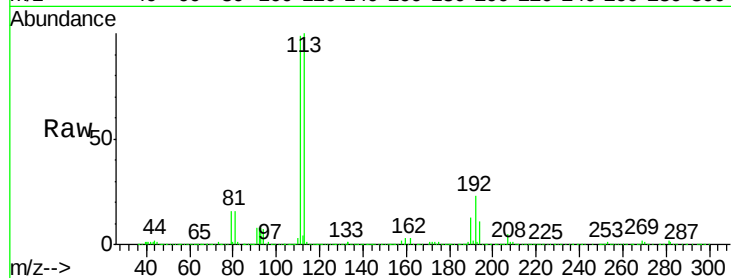




#35
 Dibromofluoromethane
 Concen: 45.649 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015821.D
 Acq: 22 Apr 2020 02:28

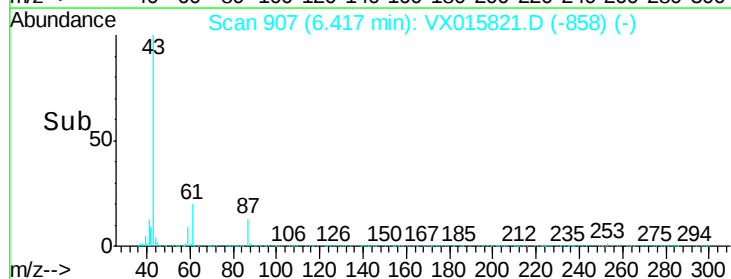
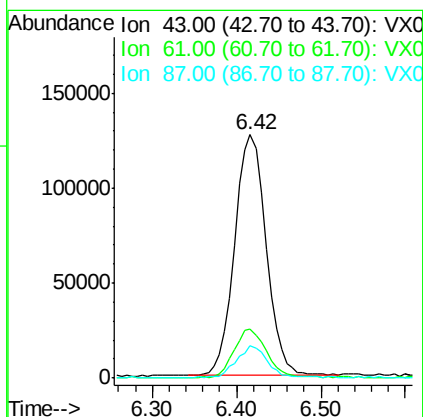
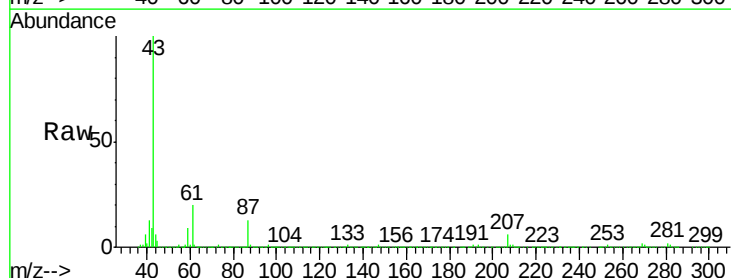
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-20A

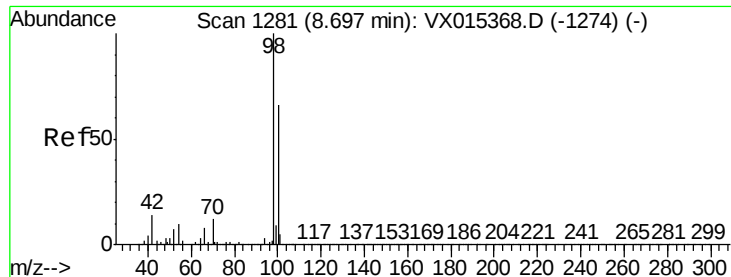
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	24.7	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 11.224 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015821.D
 Acq: 22 Apr 2020 02:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.8	22.2
87	12.6	9.4	14.0





#50

Toluene-d8

Concen: 51.026 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015821.D

Acq: 22 Apr 2020 02:28

Instrument :

MSVOA_X

ClientSampleId :

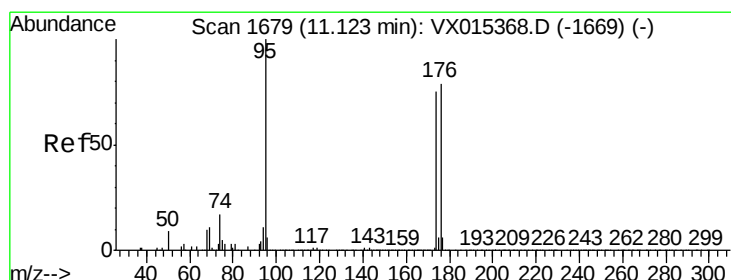
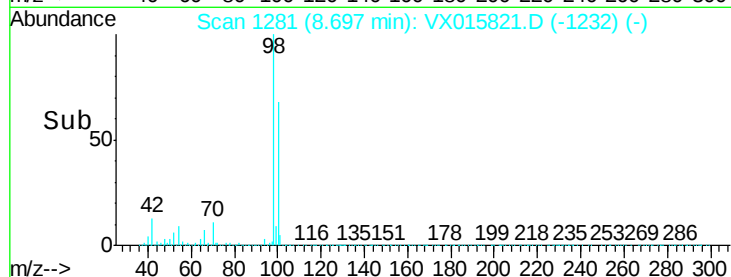
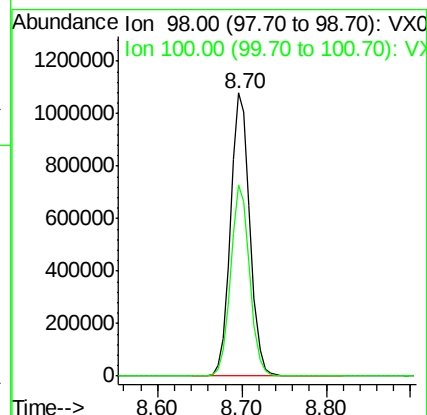
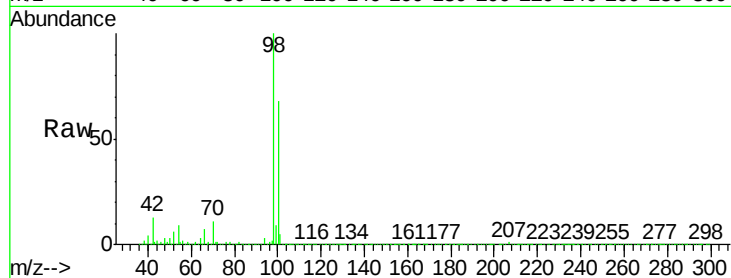
TP-20A

Tot Ion: 98 Resp: 1692159

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 52.751 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015821.D

Acq: 22 Apr 2020 02:28

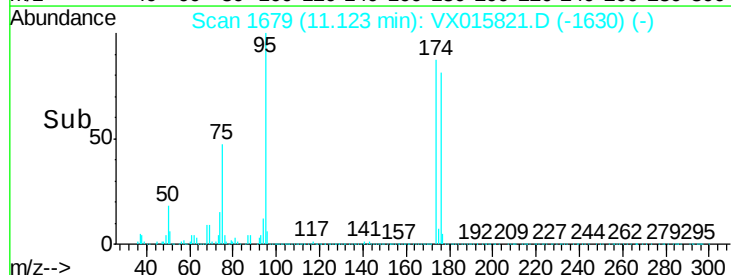
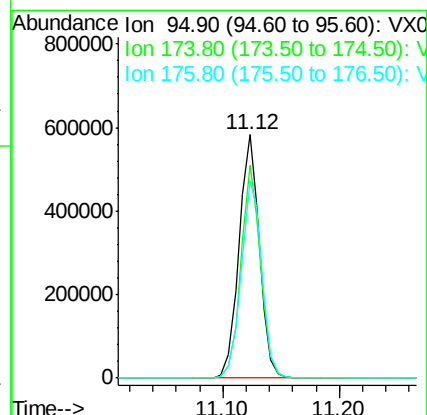
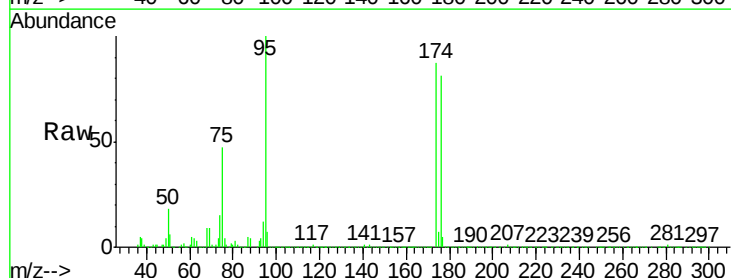
Tgt Ion: 95 Resp: 710943

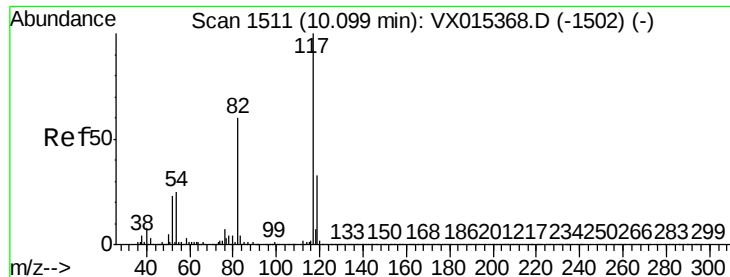
Ion Ratio Lower Upper

95 100

174 84.0 0.0 158.6

176 82.1 0.0 159.0

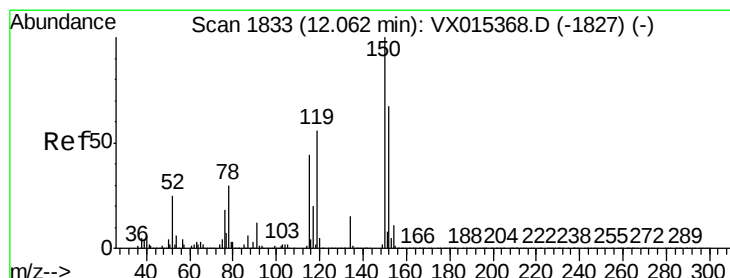
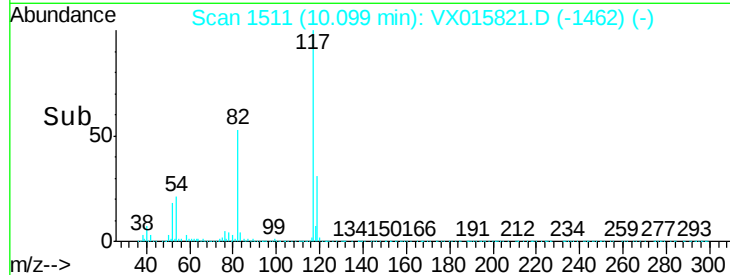
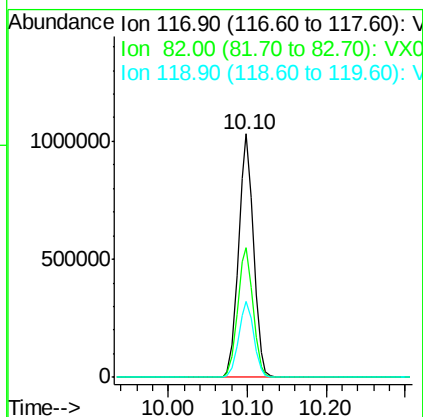
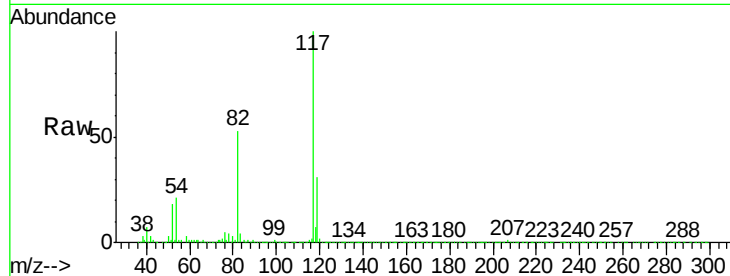




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015821.D
Acq: 22 Apr 2020 02:28

Instrument :
MSVOA_X
ClientSampled :
TP-20A

Tot Ion:117 Resp: 1366750
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.8
119 31.1 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015821.D
Acq: 22 Apr 2020 02:28

Tgt Ion:152 Resp: 770545
Ion Ratio Lower Upper
152 100
115 55.7 39.0 116.9
150 157.0 0.0 340.8

