

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015802.D
 Acq On : 21 Apr 2020 18:09
 Operator : JC/SP
 Sample : L2331-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-22A

Quant Time: Apr 22 06:23:07 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

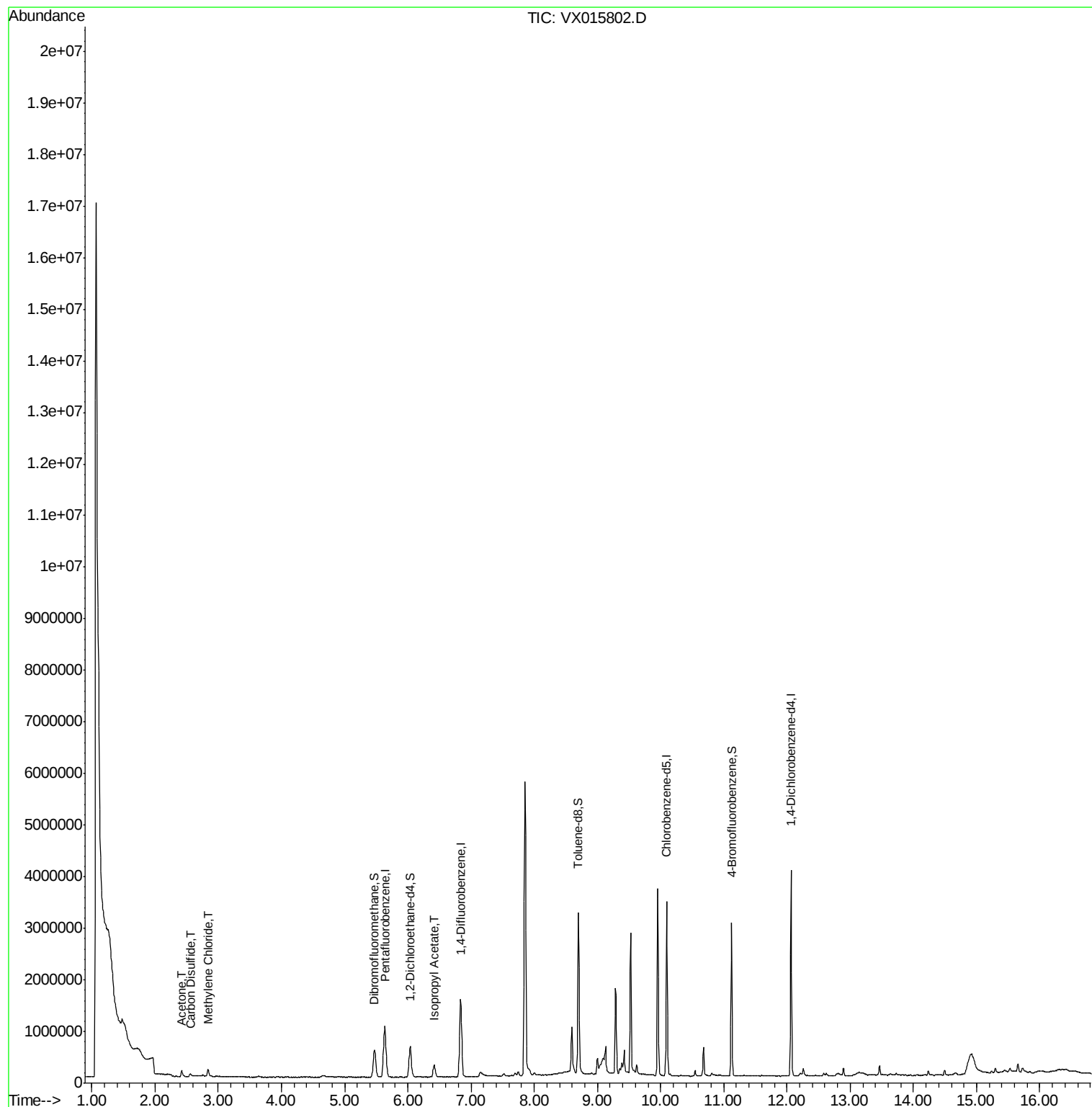
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	999374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1535586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1496493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	856375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	562288	39.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.78%	
35) Dibromofluoromethane	5.47	113	449796	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
50) Toluene-d8	8.70	98	1859183	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.12	95	785307	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
Target Compounds						
16) Acetone	2.42	43	145203	23.978	ug/l	93
17) Carbon Disulfide	2.56	76	83833	2.913	ug/l	99
20) Methylene Chloride	2.84	84	62162	5.496	ug/l	97
43) Isopropyl Acetate	6.42	43	341389	10.977	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: VX015802.D

Acq: 21 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

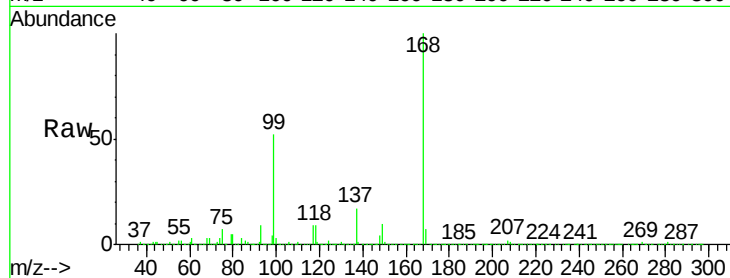
TP-22A

Tot Ion:168 Resp: 999374

Ion Ratio Lower Upper

168 100

99 52.0 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

400000

300000

200000

100000

0

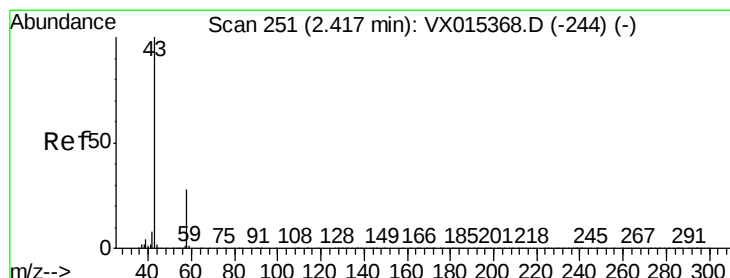
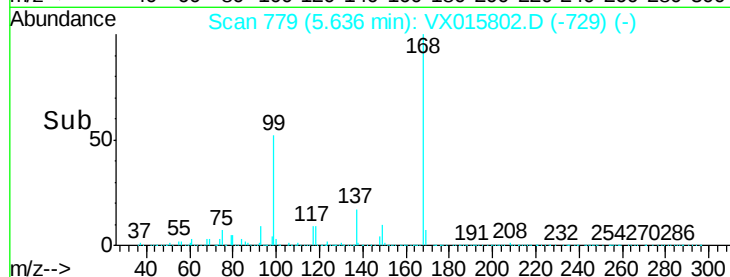
5.50

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 23.978 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015802.D

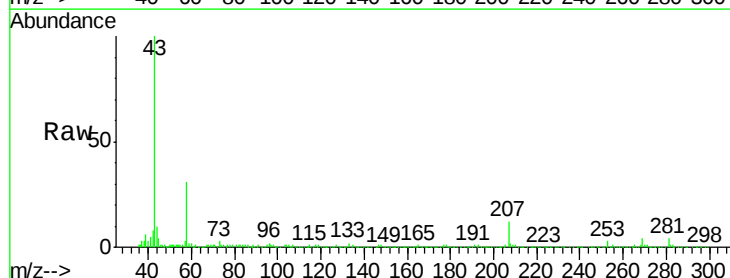
Acq: 21 Apr 2020 18:09

Tgt Ion: 43 Resp: 145203

Ion Ratio Lower Upper

43 100

58 31.1 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

80000

60000

40000

20000

0

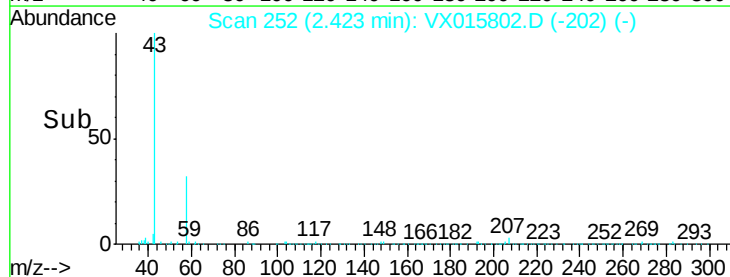
2.35

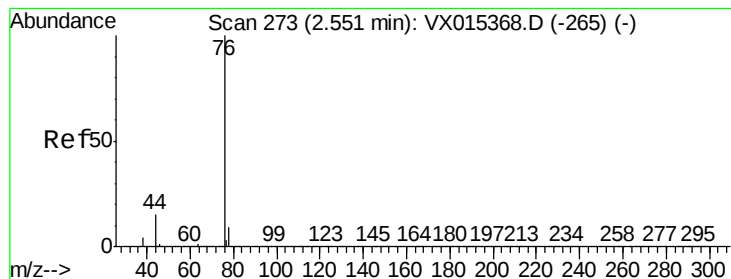
2.40

2.45

2.50

Time-->





#17

Carbon Disulfide

Concen: 2.913 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015802.D

Acq: 21 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

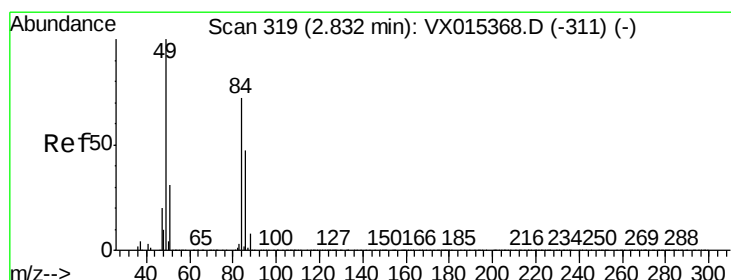
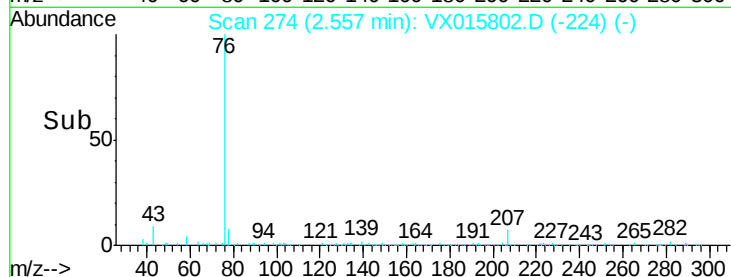
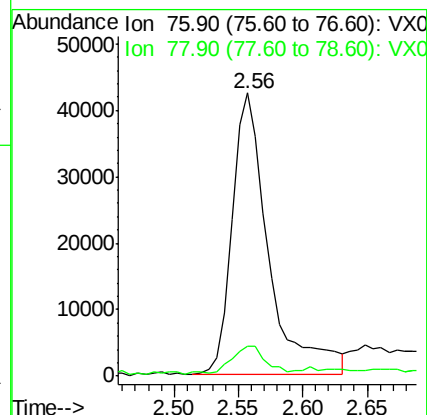
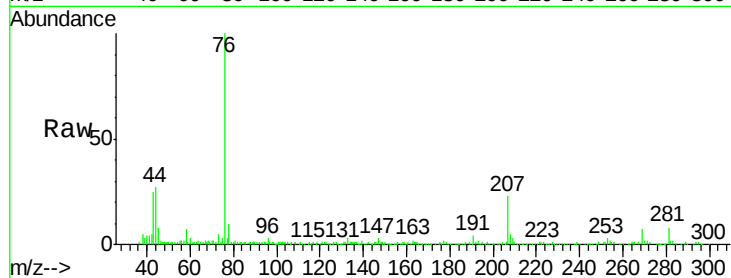
TP-22A

Tot Ion: 76 Resp: 83833

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#20

Methylene Chloride

Concen: 5.496 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015802.D

Acq: 21 Apr 2020 18:09

Tgt Ion: 84 Resp: 62162

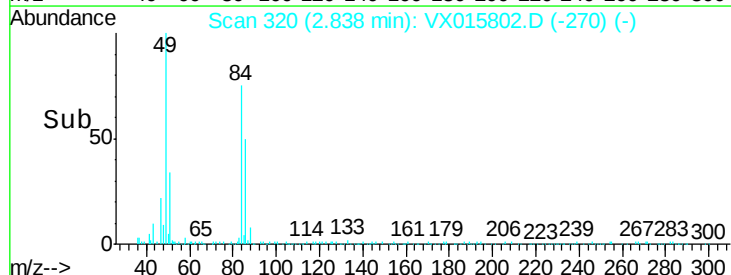
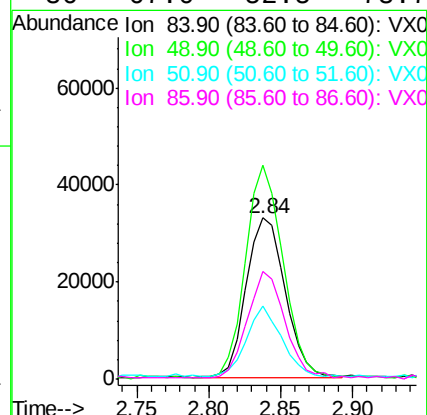
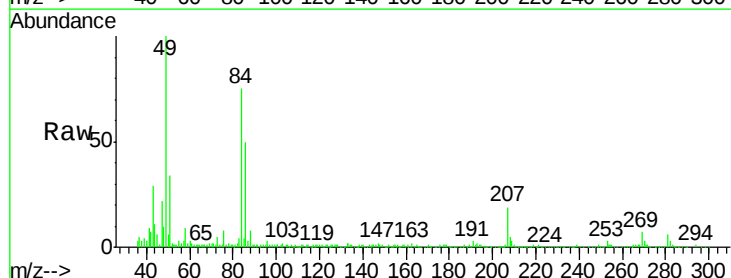
Ion Ratio Lower Upper

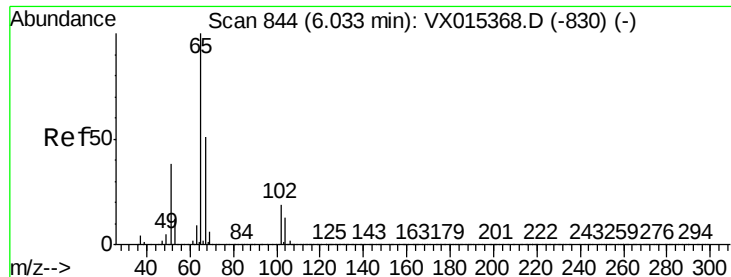
84 100

49 133.9 111.3 166.9

51 44.5 34.0 51.0

86 67.0 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 39.893 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015802.D

Acq: 21 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

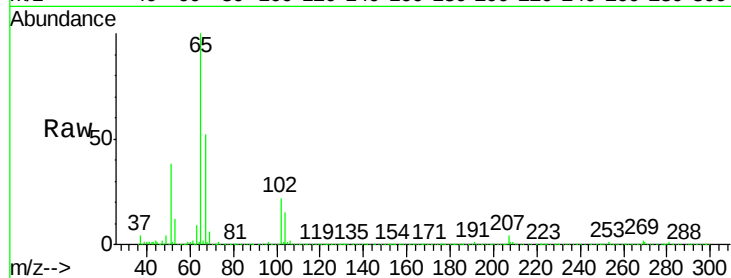
TP-22A

Tot Ion: 65 Resp: 562288

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

250000

200000

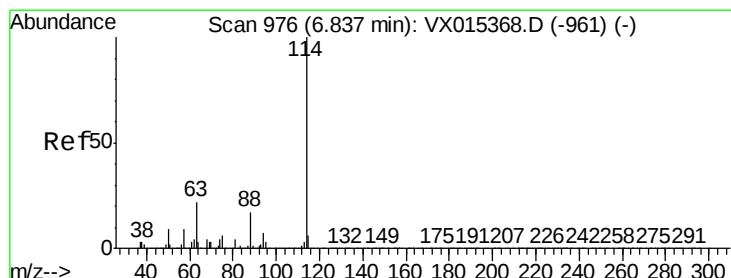
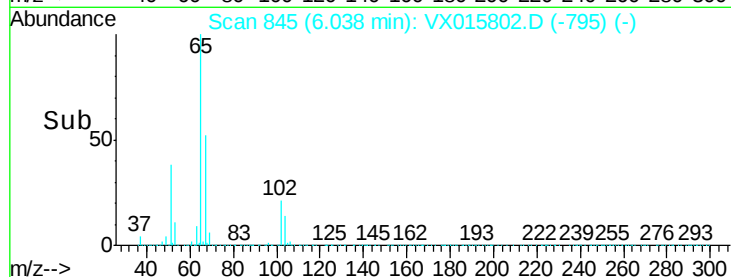
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015802.D

Acq: 21 Apr 2020 18:09

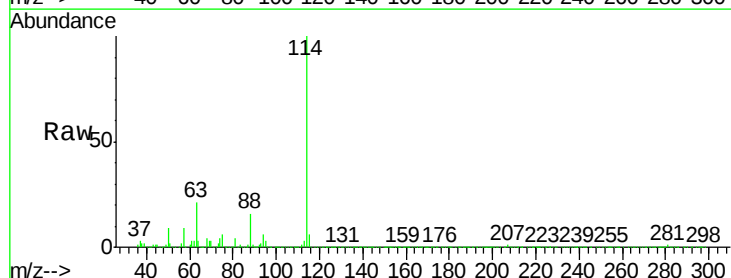
Tgt Ion:114 Resp: 1535586

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

88 16.4 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

800000

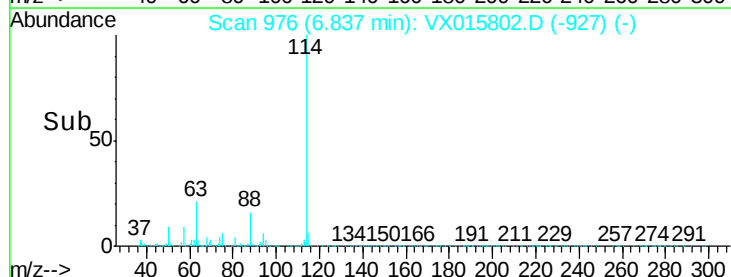
600000

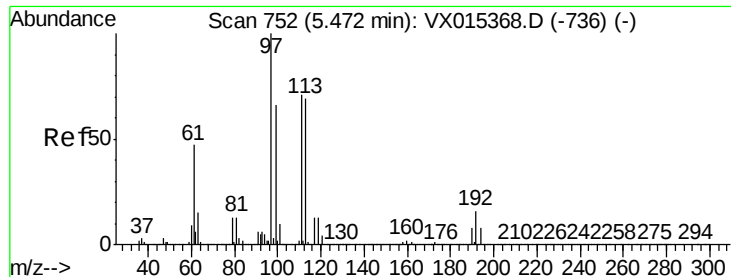
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.823 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015802.D

Acq: 21 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

TP-22A

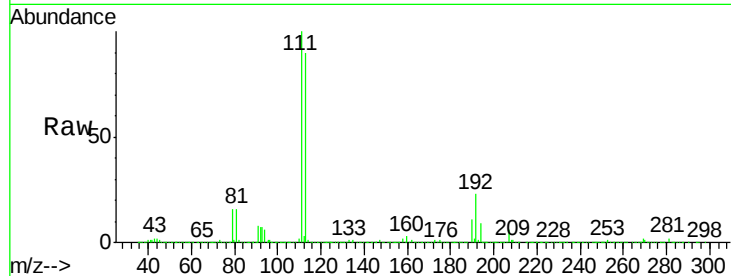
Tot Ion:113 Resp: 449796

Ion Ratio Lower Upper

113 100

111 104.8 81.5 122.3

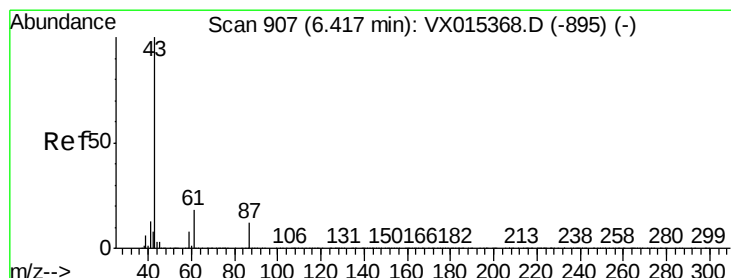
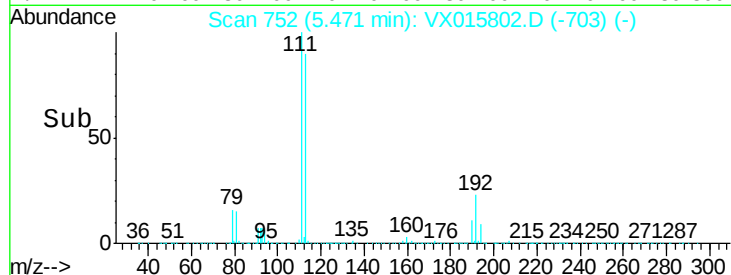
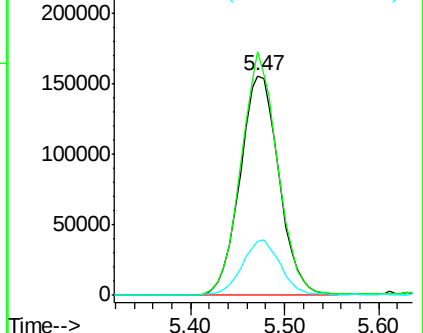
192 24.7 17.8 26.6



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



#43

Isopropyl Acetate

Concen: 10.977 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015802.D

Acq: 21 Apr 2020 18:09

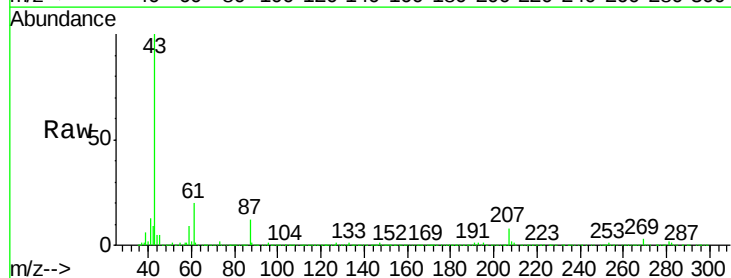
Tgt Ion: 43 Resp: 341389

Ion Ratio Lower Upper

43 100

61 19.7 14.8 22.2

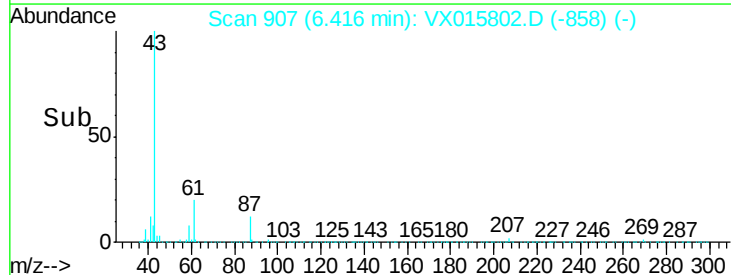
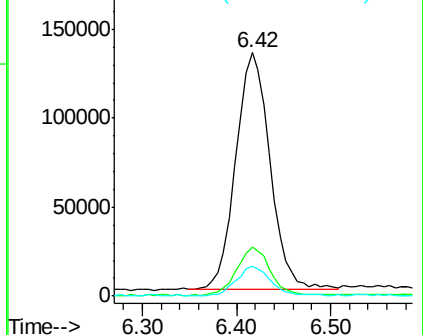
87 12.6 9.4 14.0

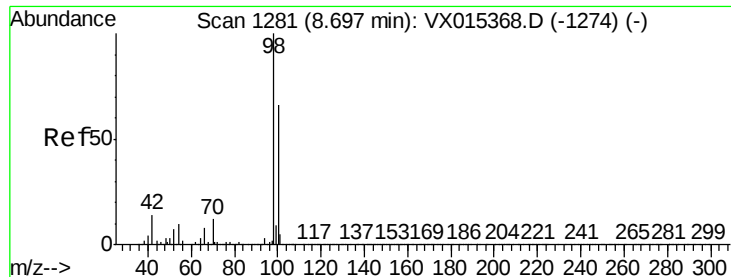


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

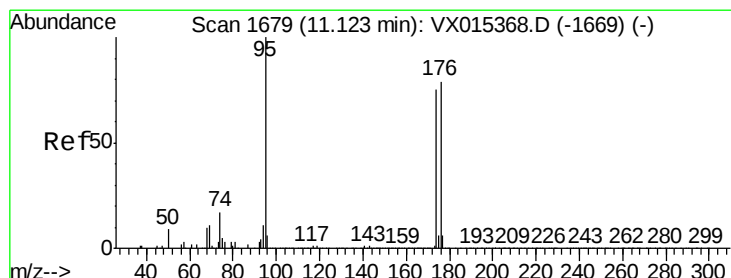
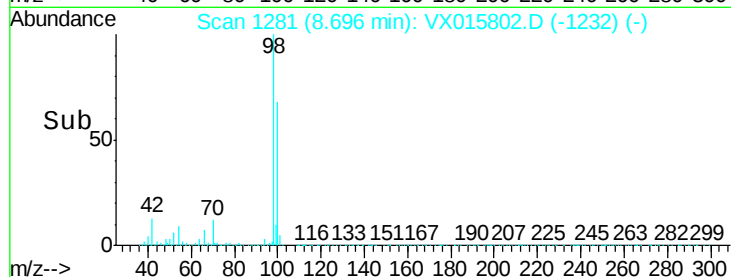
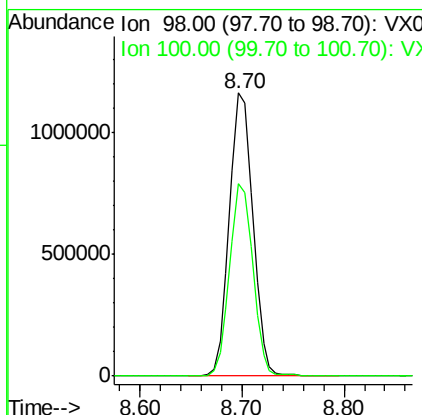
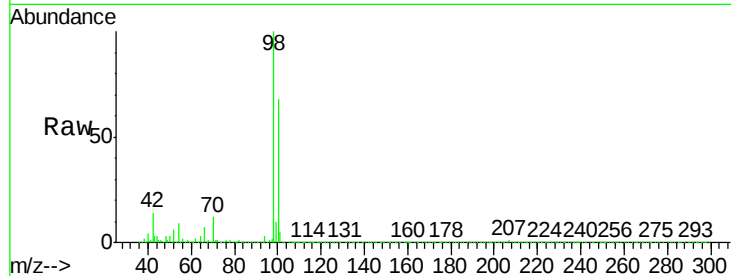




#50
Toluene-d8
Concen: 51.445 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015802.D
Acq: 21 Apr 2020 18:09

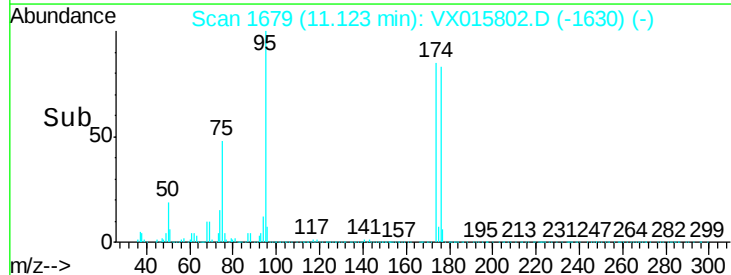
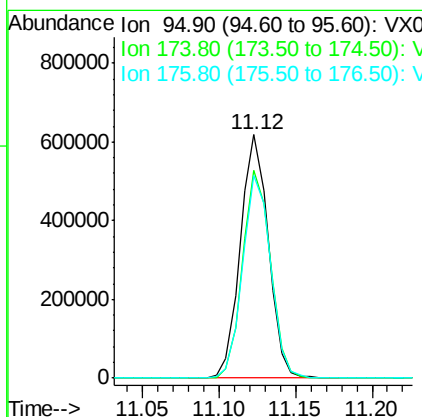
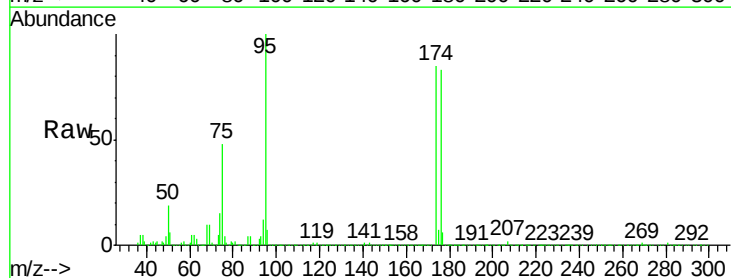
Instrument :
MSVOA_X
ClientSampled :
TP-22A

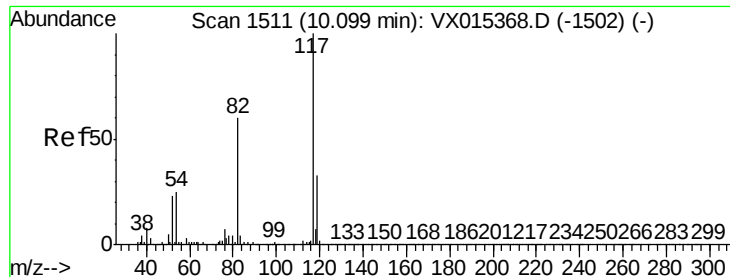
Tot Ion: 98 Resp: 1859183
Ion Ratio Lower Upper
98 100
100 67.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.469 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015802.D
Acq: 21 Apr 2020 18:09

Tgt Ion: 95 Resp: 785307
Ion Ratio Lower Upper
95 100
174 85.1 0.0 158.6
176 83.6 0.0 159.0

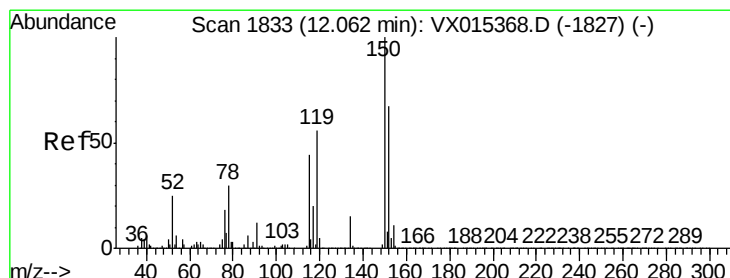
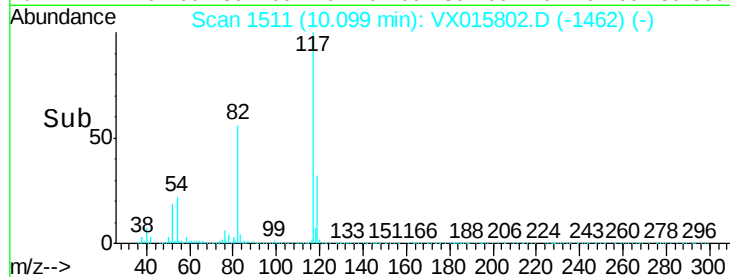
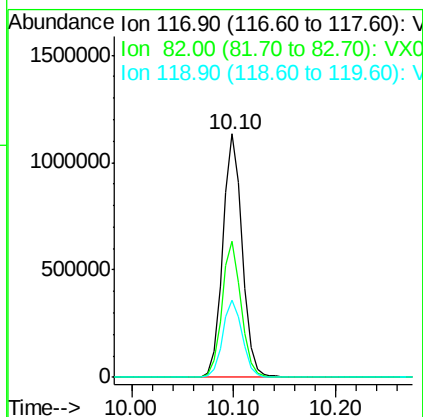
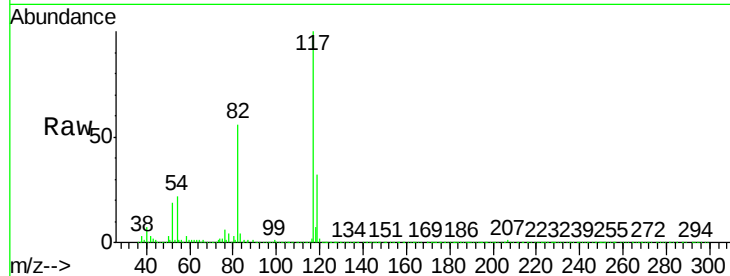




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015802.D
Acq: 21 Apr 2020 18:09

Instrument :
MSVOA_X
ClientSampled :
TP-22A

Tot Ion:117 Resp: 1496493
Ion Ratio Lower Upper
117 100
82 56.1 47.8 71.8
119 31.6 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: VX015802.D
Acq: 21 Apr 2020 18:09

Tgt Ion:152 Resp: 856375
Ion Ratio Lower Upper
152 100
115 56.6 39.0 116.9
150 156.2 0.0 340.8

