

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
 Data File : VX014475.D
 Acq On : 08 Jan 2020 16:44
 Operator : JC/SP
 Sample : L1013-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-010720

Quant Time: Jan 09 07:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

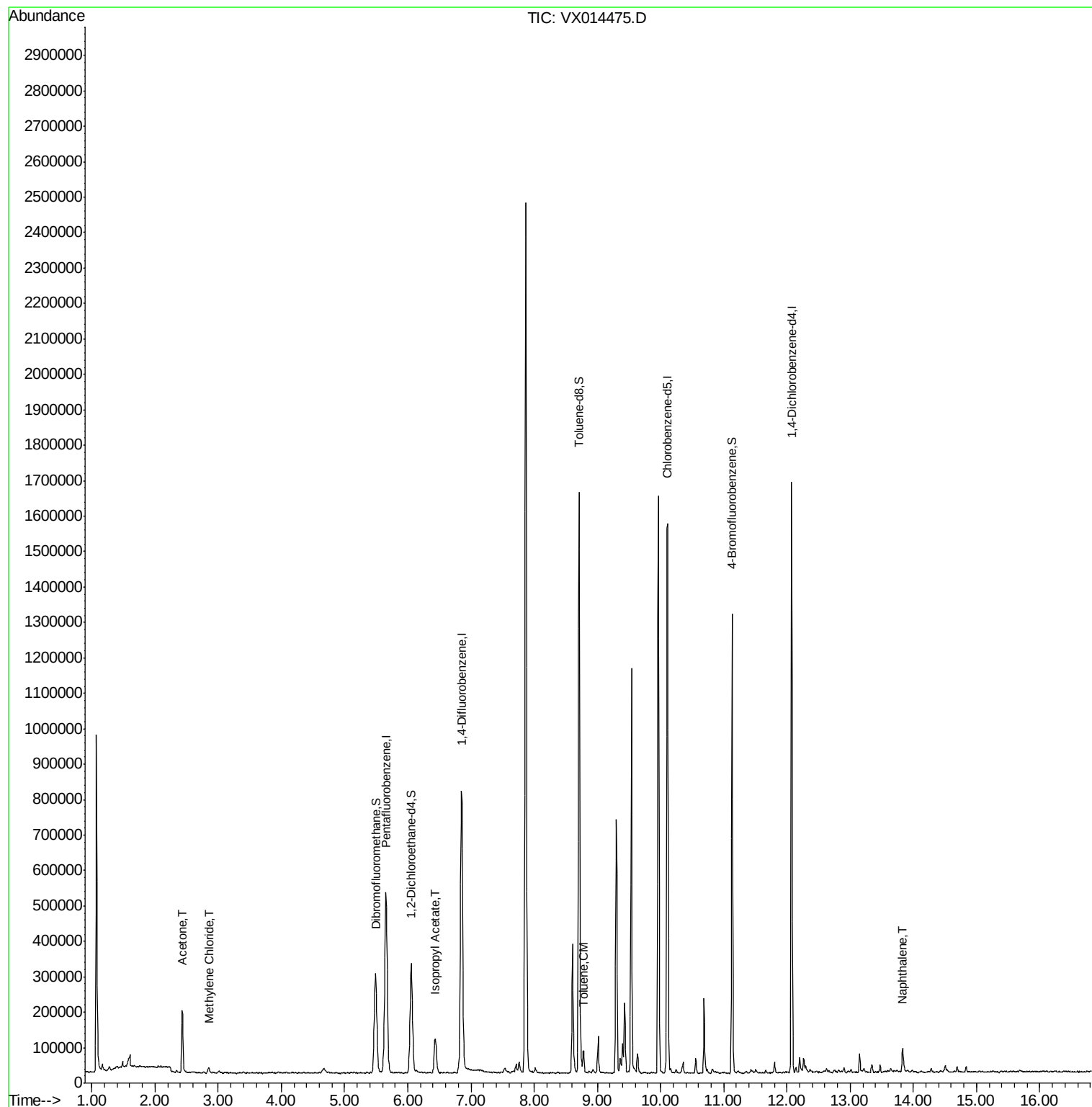
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	529970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	817040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	348154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	288746	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.49	113	242662	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	8.71	98	972153	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	342446	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
16) Acetone	2.43	43	188832	60.489	ug/l	100
20) Methylene Chloride	2.86	84	8762	1.472	ug/l #	82
43) Isopropyl Acetate	6.43	43	135336	10.038	ug/l	100
52) Toluene	8.78	92	22950	1.572	ug/l	99
95) Naphthalene	13.83	128	42991	1.655	ug/l	99

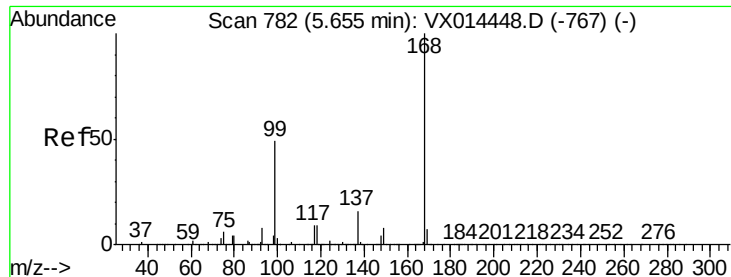
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 07 15:54:41 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: VX014475.D

Acq: 08 Jan 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

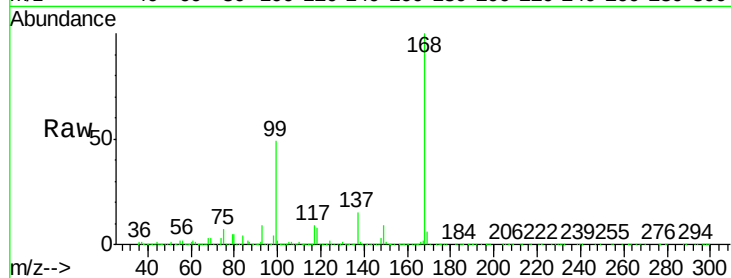
PL-01-010720

Tgt Ion:168 Resp: 529970

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

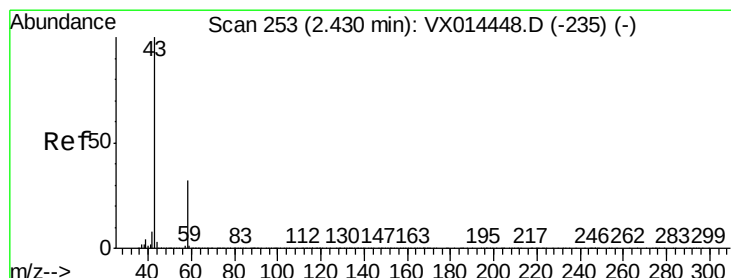
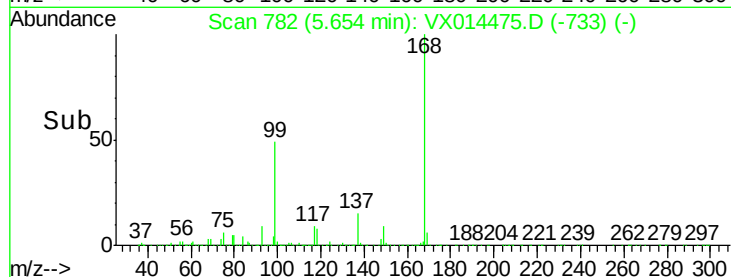
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 60.489 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014475.D

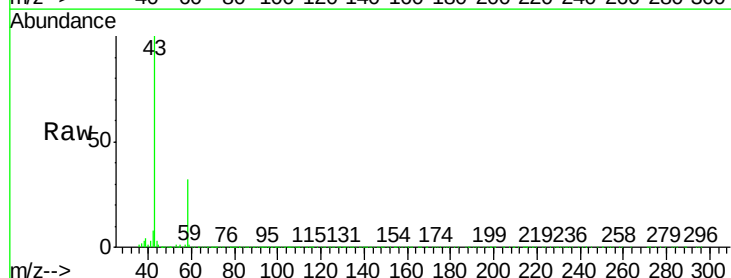
Acq: 08 Jan 2020 16:44

Tgt Ion: 43 Resp: 188832

Ion Ratio Lower Upper

43 100

58 31.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

120000

100000

80000

60000

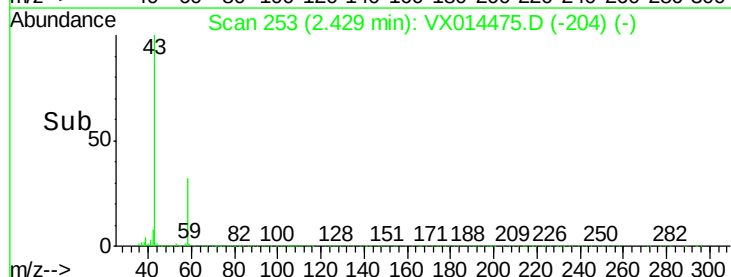
40000

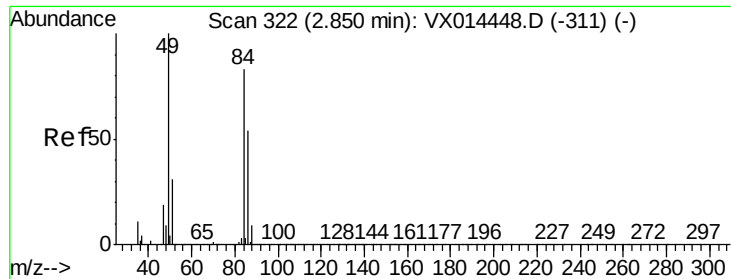
20000

0

2.30 2.40 2.50

Time-->

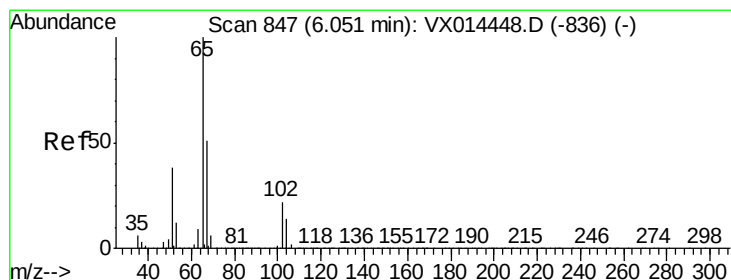
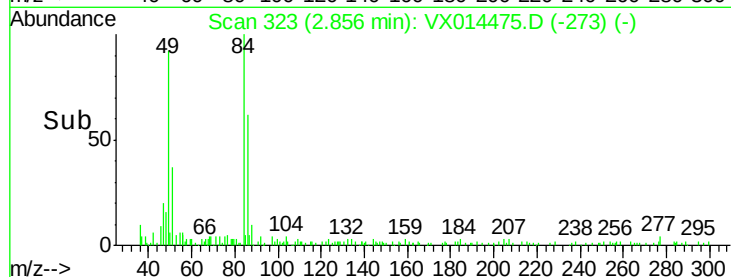
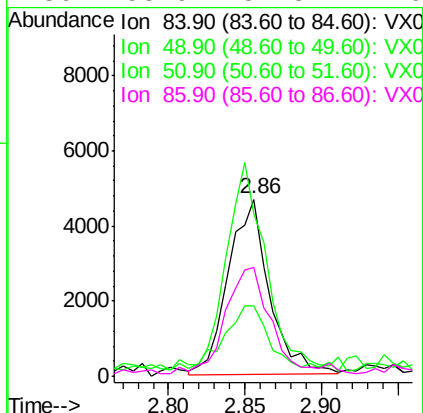
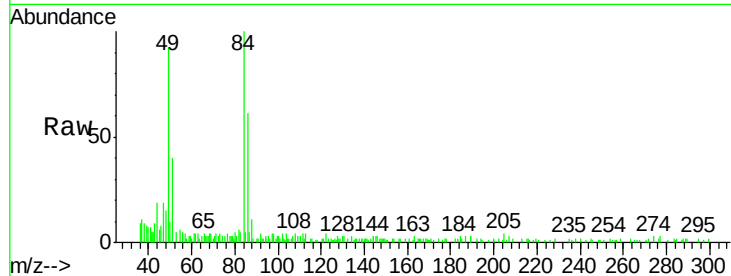




#20
Methylene Chloride
Concen: 1.472 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX014475.D
Acq: 08 Jan 2020 16:44

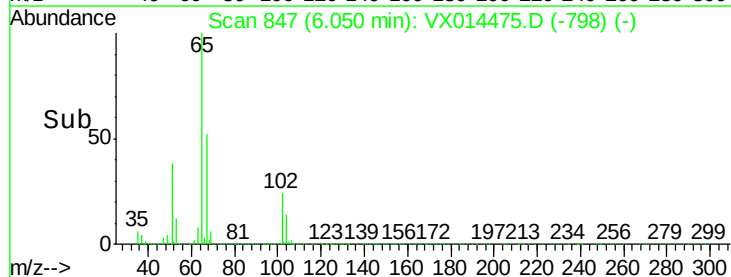
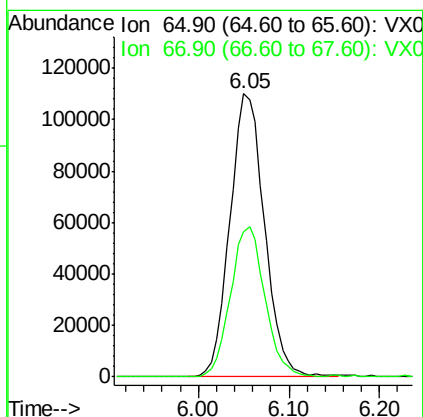
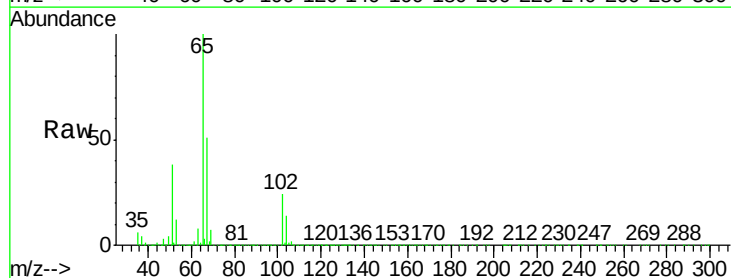
Instrument :
MSVOA_X
ClientSampleId :
PL-01-010720

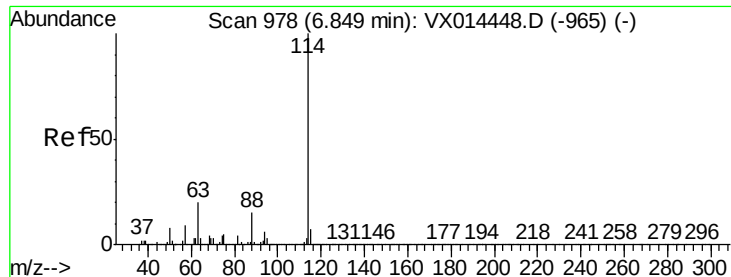
Tgt Ion: 84 Resp: 8762
Ion Ratio Lower Upper
84 100
49 87.3 95.8 143.8#
51 37.4 30.2 45.4
86 58.9 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 48.805 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014475.D
Acq: 08 Jan 2020 16:44

Tgt Ion: 65 Resp: 288746
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014475.D

Acq: 08 Jan 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

PL-01-010720

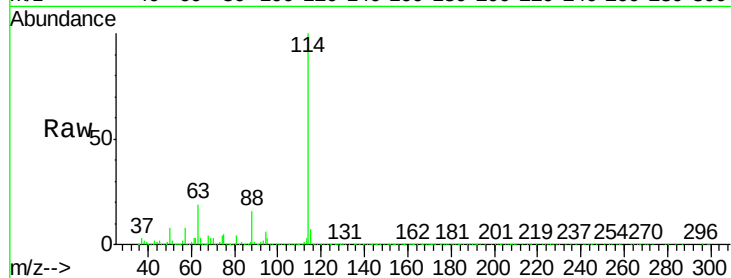
Tgt Ion:114 Resp: 817040

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

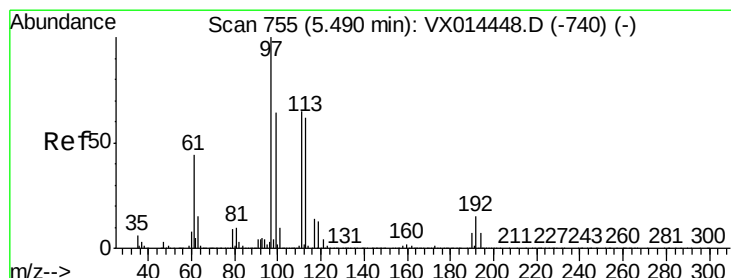
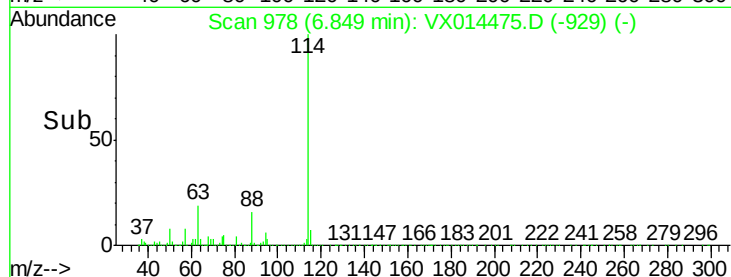
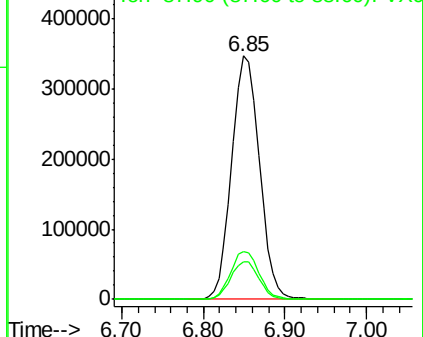
88 15.6 0.0 30.8



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: 49.063 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014475.D

Acq: 08 Jan 2020 16:44

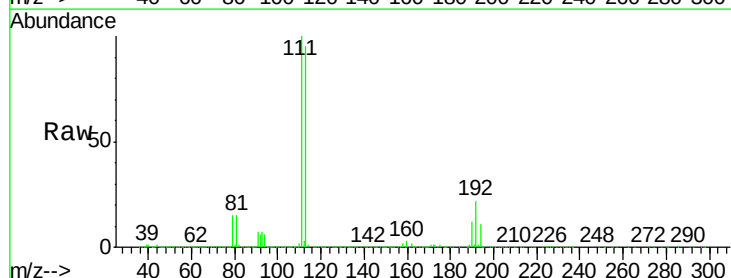
Tgt Ion:113 Resp: 242662

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

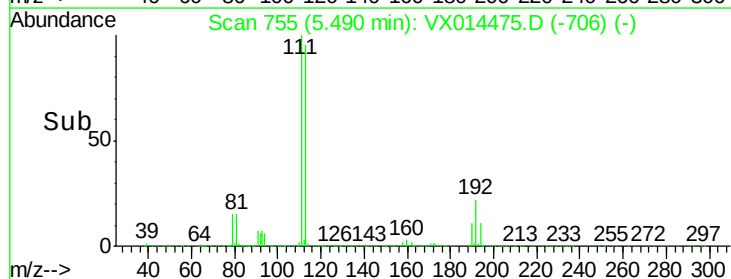
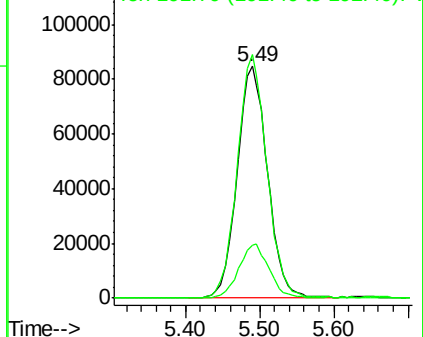
192 23.2 19.2 28.8

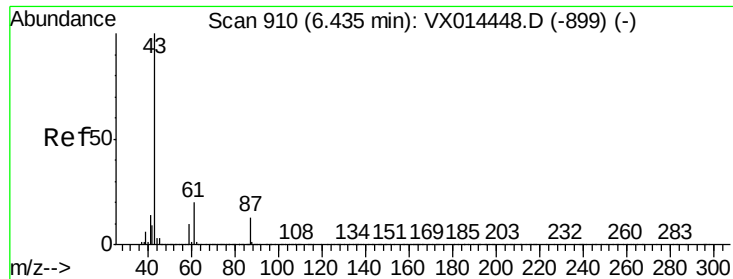


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.038 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014475.D

Acq: 08 Jan 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

PL-01-010720

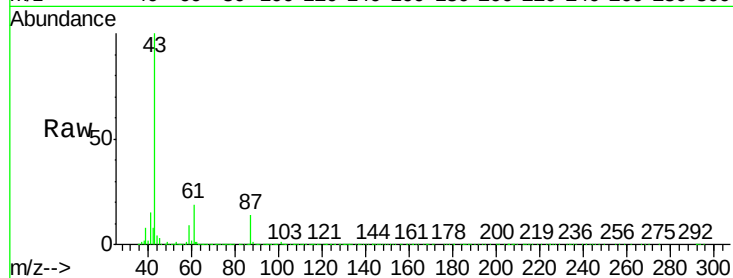
Tgt Ion: 43 Resp: 135336

Ion Ratio Lower Upper

43 100

61 20.7 16.6 24.8

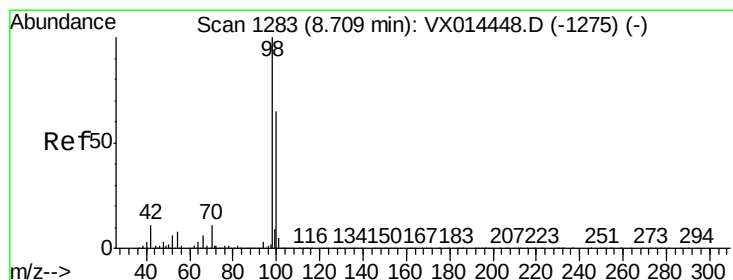
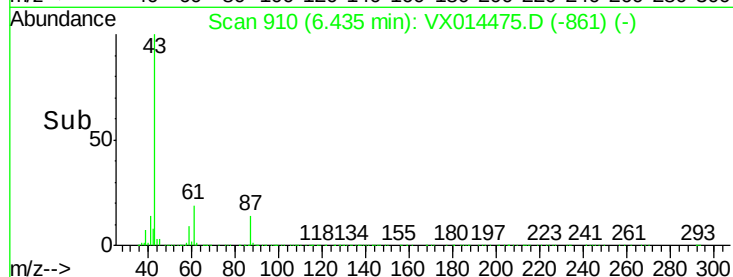
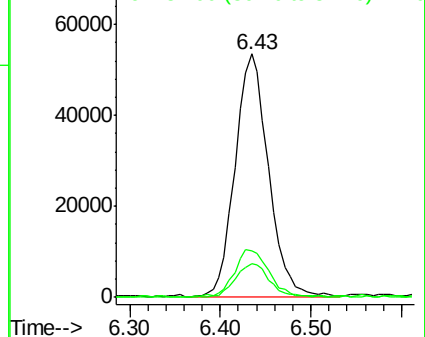
87 13.6 10.8 16.2



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: 50.650 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014475.D

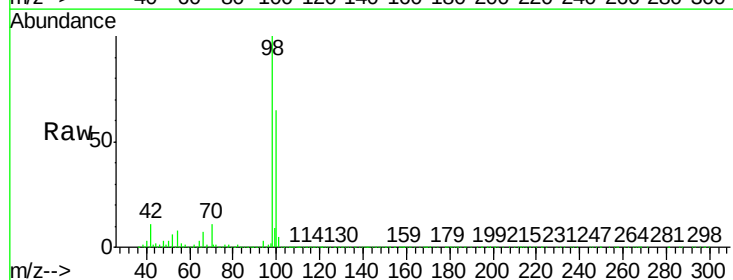
Acq: 08 Jan 2020 16:44

Tgt Ion: 98 Resp: 972153

Ion Ratio Lower Upper

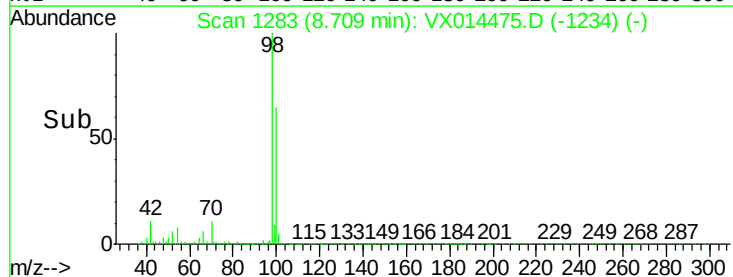
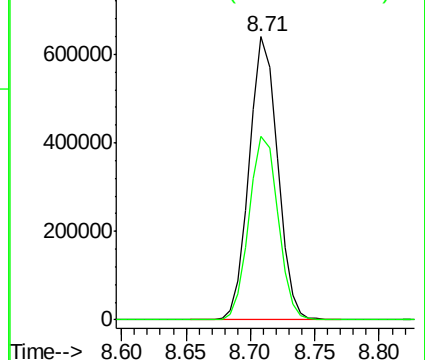
98 100

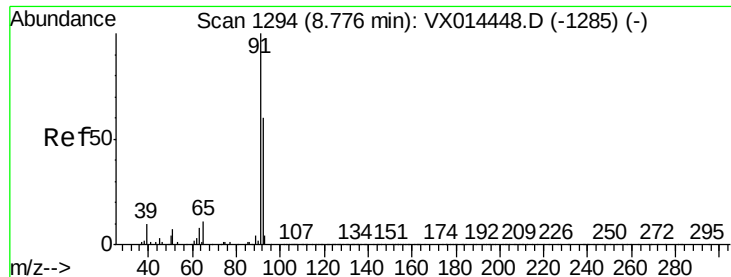
100 66.3 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 1.572 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014475.D

Acq: 08 Jan 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

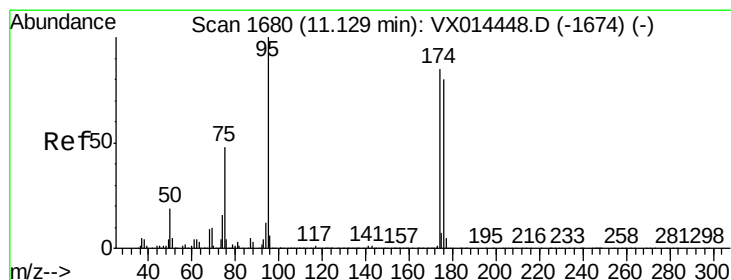
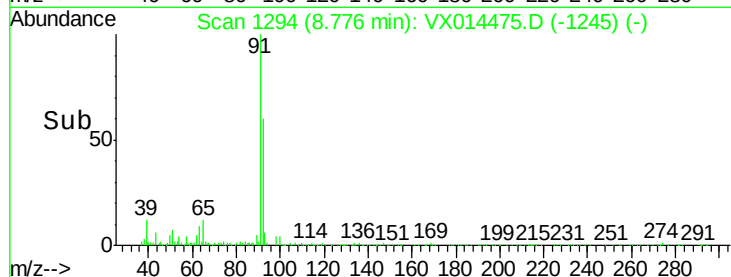
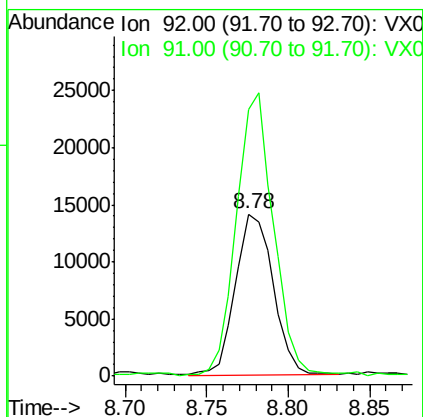
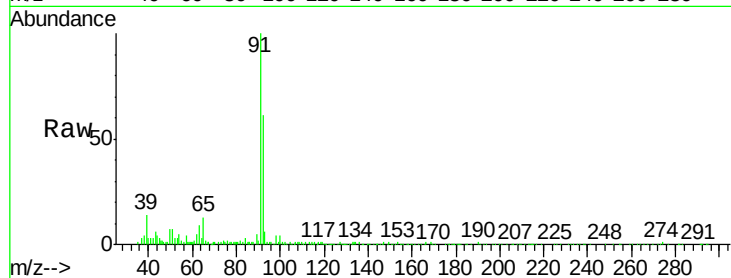
PL-01-010720

Tgt Ion: 92 Resp: 22950

Ion Ratio Lower Upper

92 100

91 170.9 135.7 203.5



#62

4-Bromofluorobenzene

Concen: 48.601 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014475.D

Acq: 08 Jan 2020 16:44

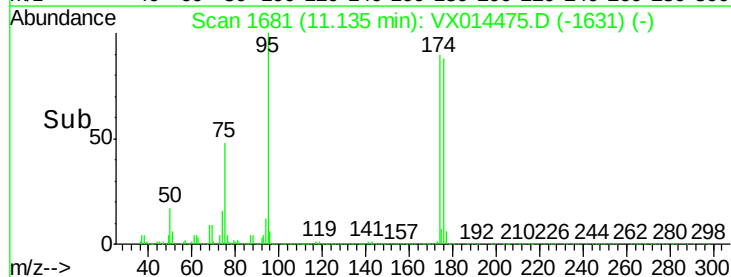
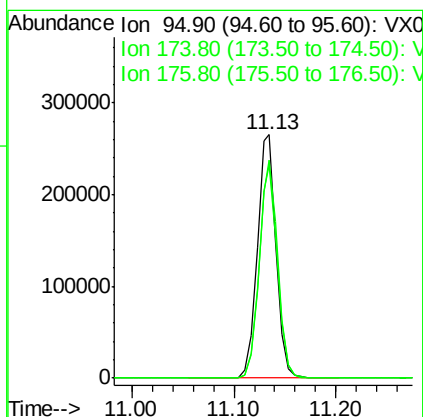
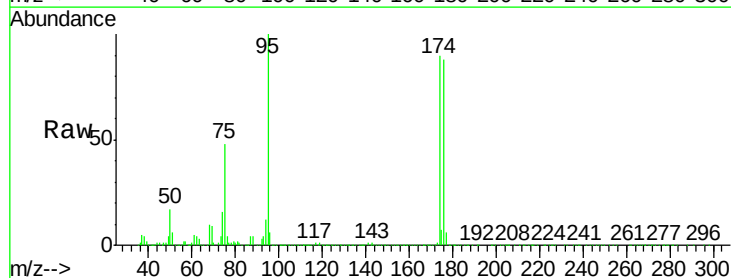
Tgt Ion: 95 Resp: 342446

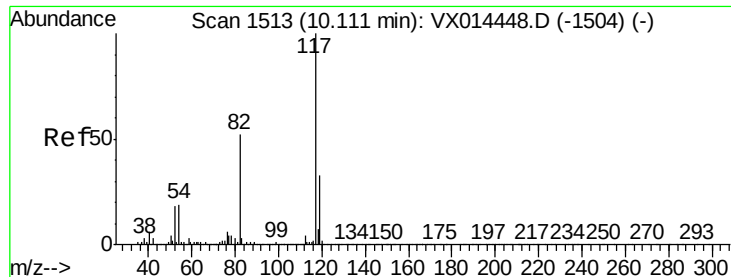
Ion Ratio Lower Upper

95 100

174 88.5 0.0 180.8

176 85.3 0.0 172.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014475.D

Acq: 08 Jan 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

PL-01-010720

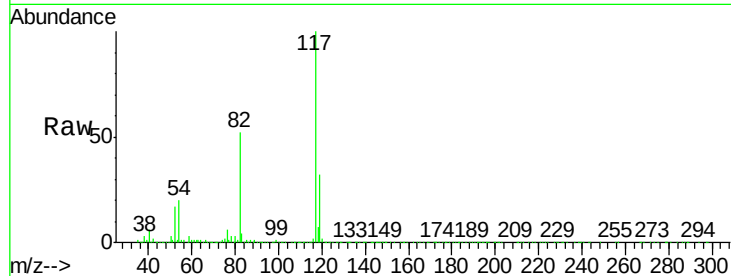
Tgt Ion:117 Resp: 742491

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.6

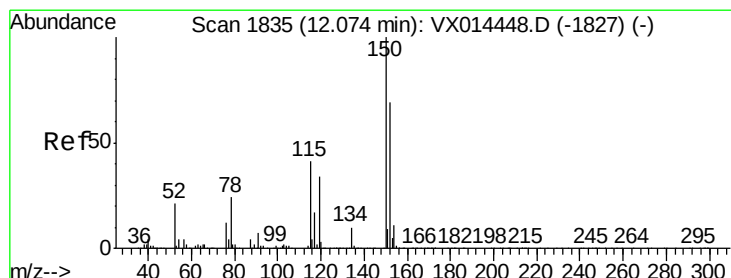
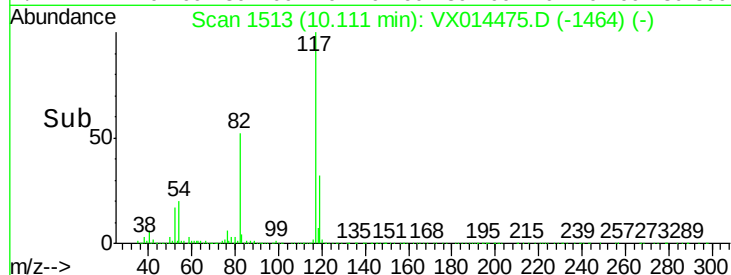
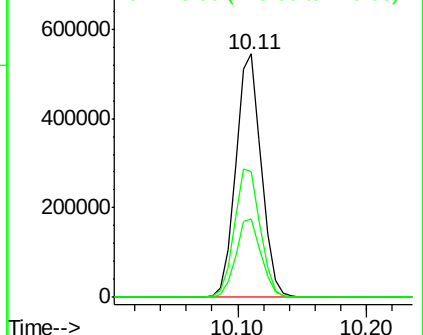
119 32.2 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014475.D

Acq: 08 Jan 2020 16:44

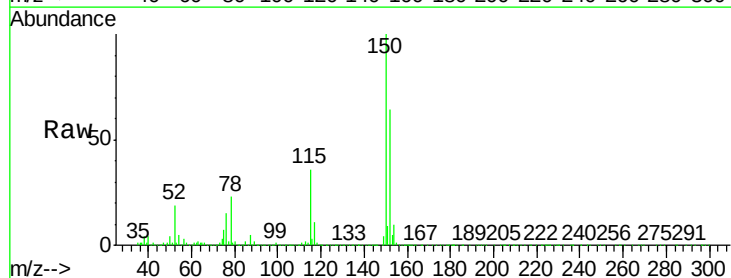
Tgt Ion:152 Resp: 348154

Ion Ratio Lower Upper

152 100

115 56.1 39.5 118.3

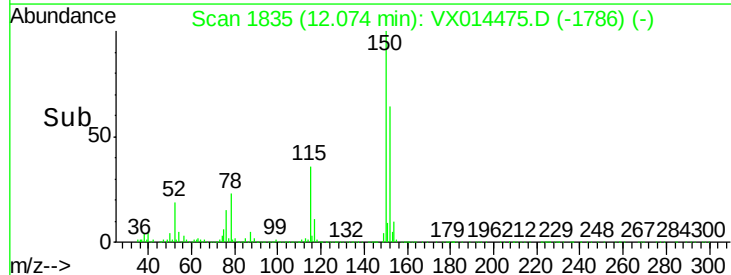
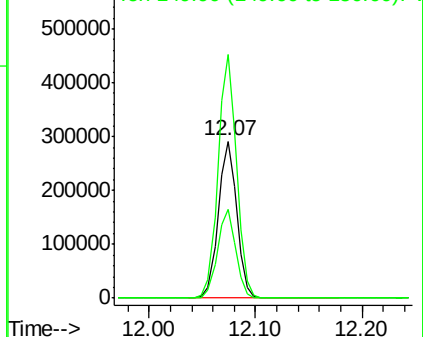
150 156.2 0.0 350.2

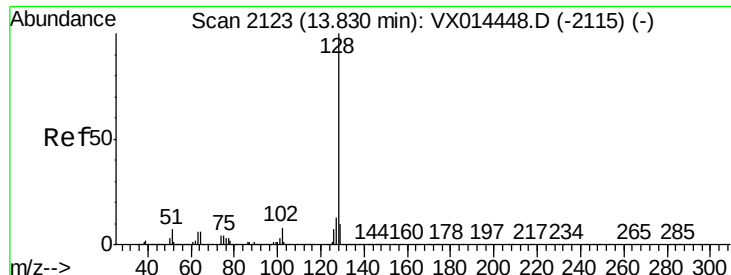


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 1.655 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014475.D
Acq: 08 Jan 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
PL-01-010720

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.0	8.7	13.1

