

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018907.D
 Acq On : 12 Oct 2020 16:44
 Operator : JC/SP
 Sample : L4303-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-05-20201002

Quant Time: Oct 13 04:47:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

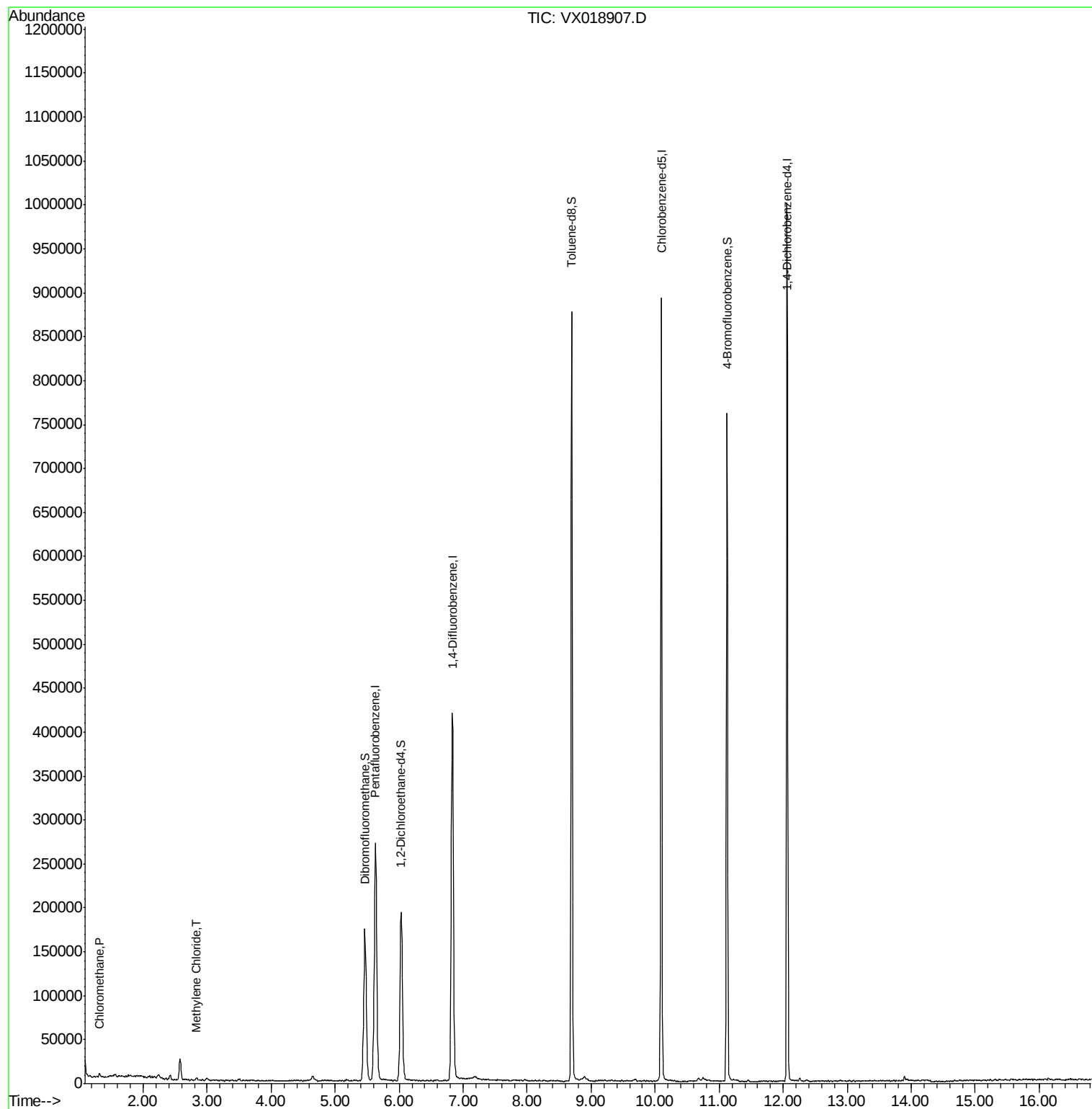
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	194050	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	5.47	113	144978	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
50) Toluene-d8	8.70	98	490418	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.12	95	185373	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
Target Compounds						
3) Chloromethane	1.31	50	2521	1.108	ug/l	96
20) Methylene Chloride	2.84	84	1303	1.009	ug/l #	86

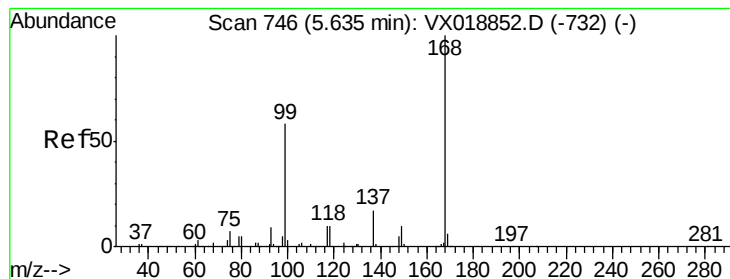
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018907.D

Acq: 12 Oct 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

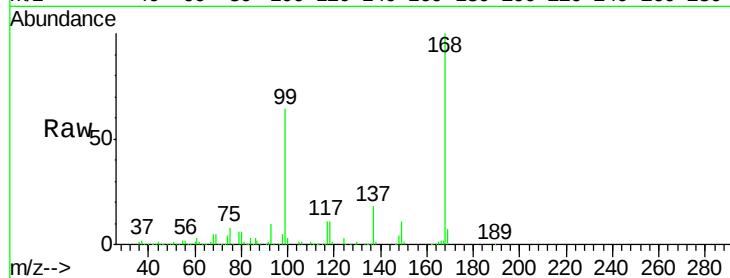
DUP-05-20201002

Tot Ion:168 Resp: 242673

Ion Ratio Lower Upper

168 100

99 63.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

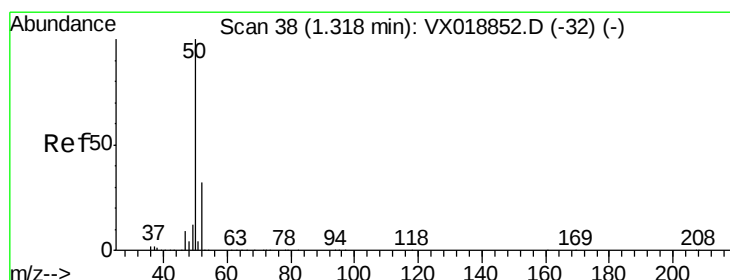
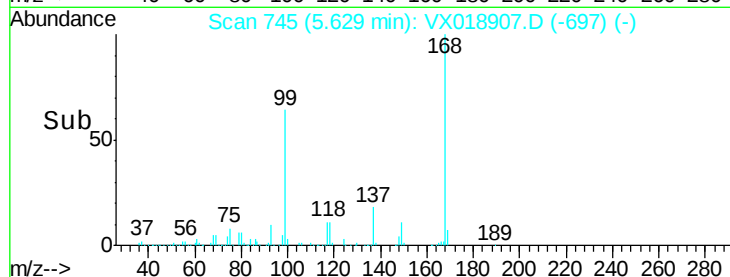
40000

20000

0

Time-->

5.50 5.60 5.70



#3

Chloromethane

Concen: 1.108 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018907.D

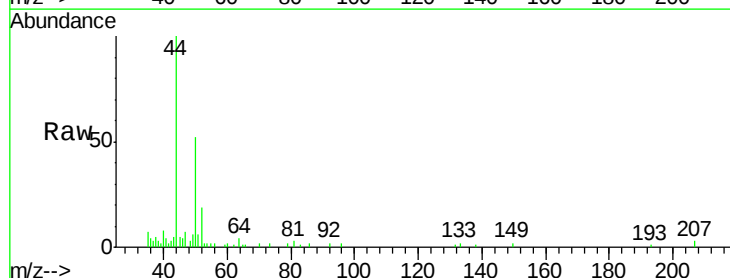
Acq: 12 Oct 2020 16:44

Tgt Ion: 50 Resp: 2521

Ion Ratio Lower Upper

50 100

52 33.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2000

1500

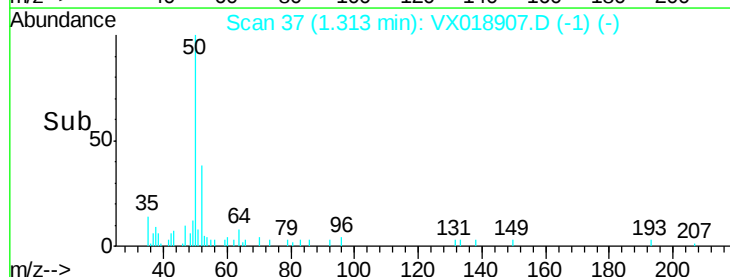
1000

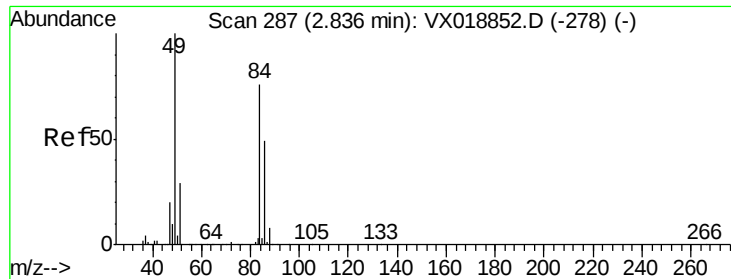
500

0

Time-->

1.25 1.30 1.35

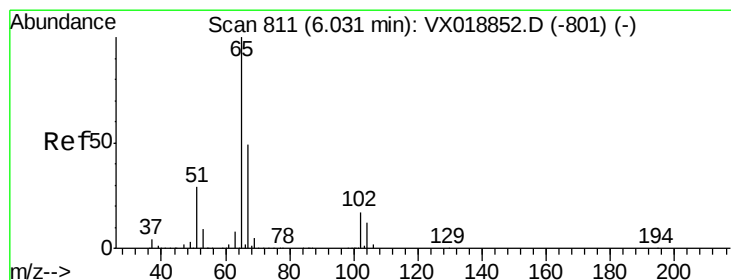
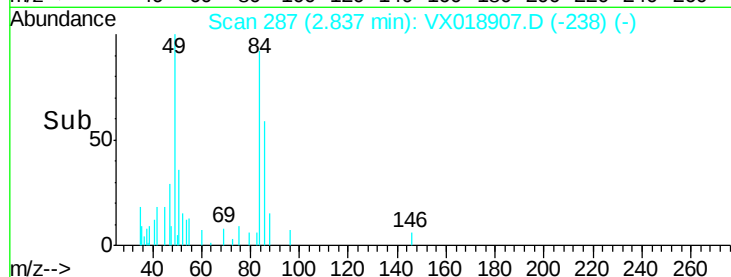
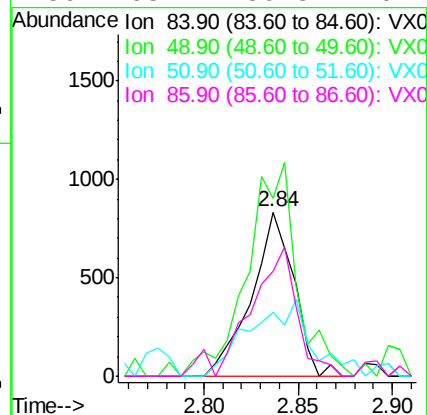
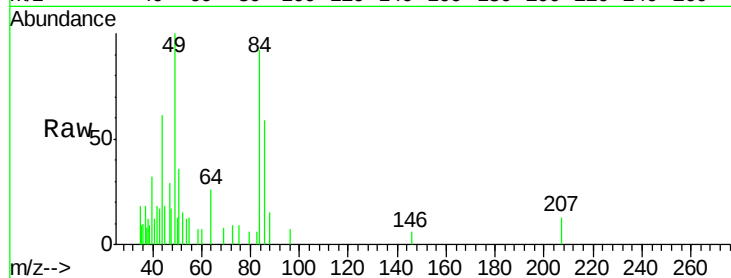




#20
Methvlene Chloride
Concen: 1.009 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018907.D
Acq: 12 Oct 2020 16:44

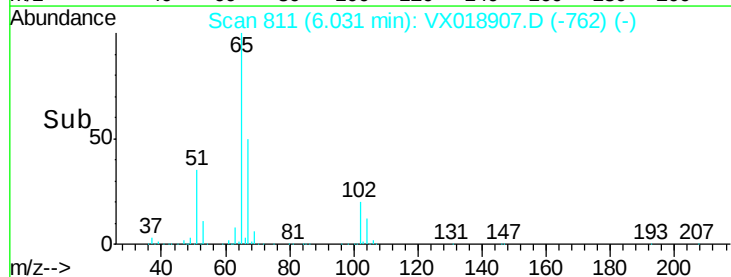
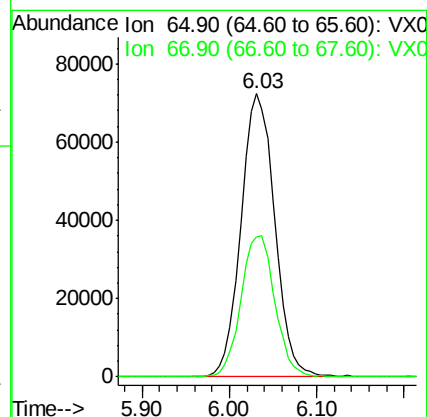
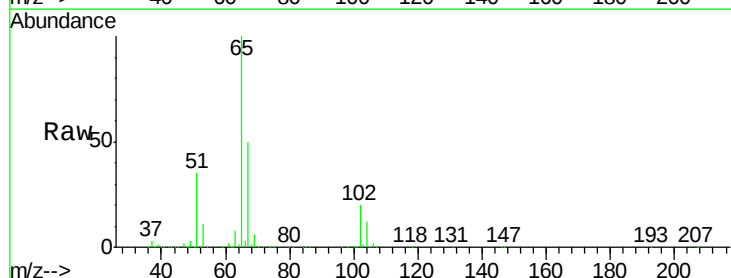
Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20201002

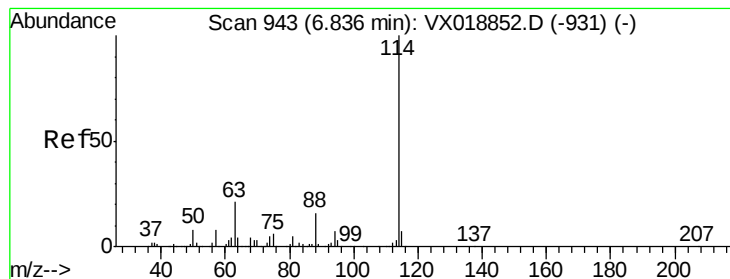
Tot Ion: 84 Resp: 1303
Ion Ratio Lower Upper
84 100
49 102.4 104.8 157.2#
51 39.3 30.6 46.0
86 63.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 54.216 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018907.D
Acq: 12 Oct 2020 16:44

Tgt Ion: 65 Resp: 194050
Ion Ratio Lower Upper
65 100
67 50.3 0.0 97.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018907.D

Acq: 12 Oct 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

DUP-05-20201002

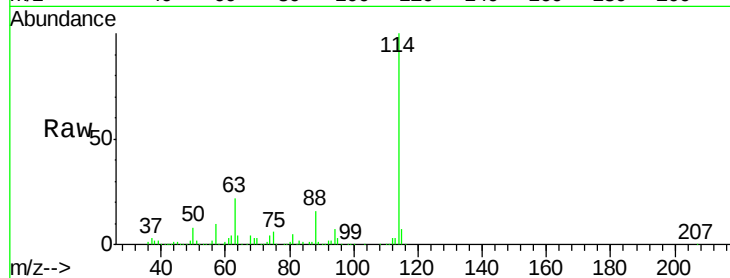
Tot Ion:114 Resp: 399005

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

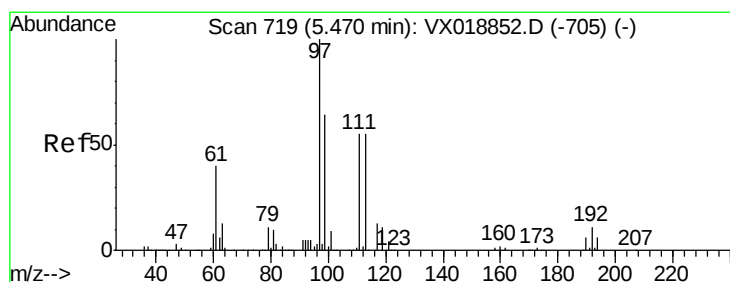
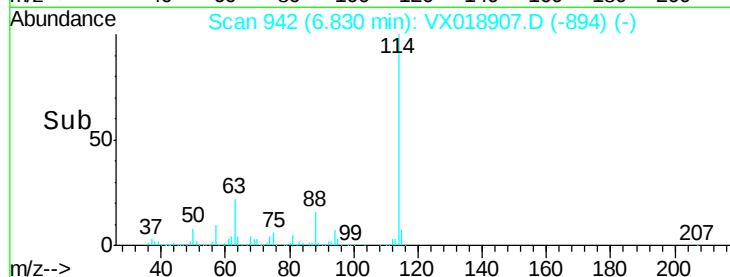
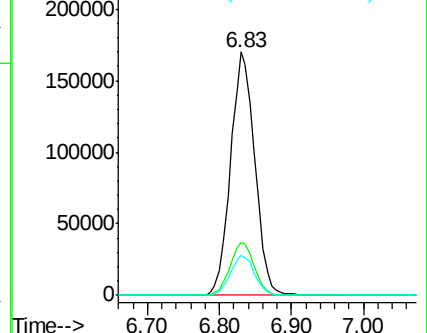
88 16.3 0.0 32.6



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: 50.985 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018907.D

Acq: 12 Oct 2020 16:44

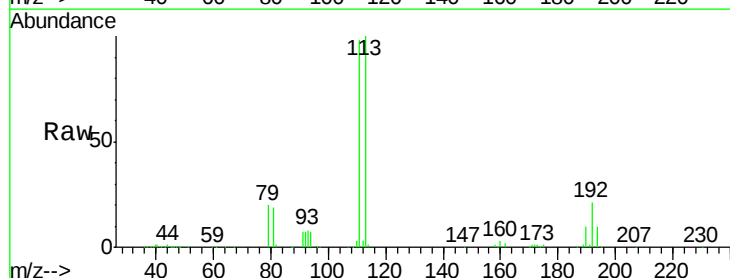
Tgt Ion:113 Resp: 144978

Ion Ratio Lower Upper

113 100

111 102.1 80.1 120.1

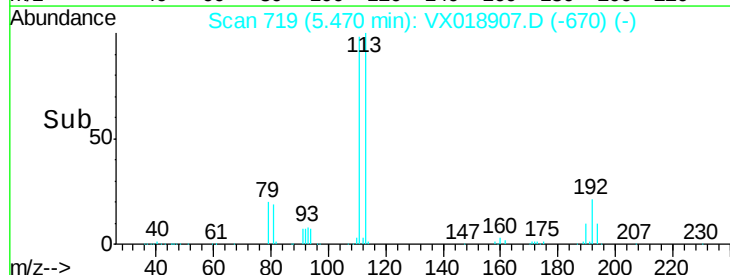
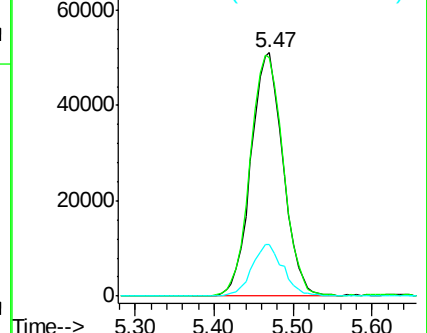
192 20.7 16.0 24.0

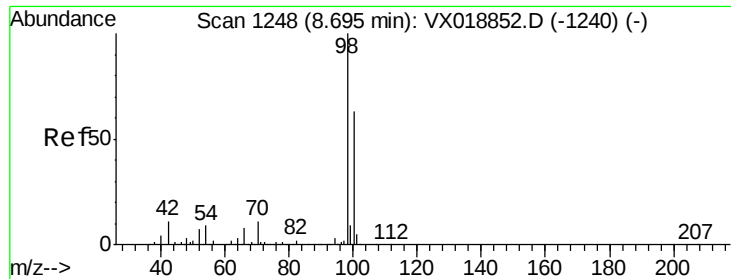


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.720 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018907.D

Acq: 12 Oct 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

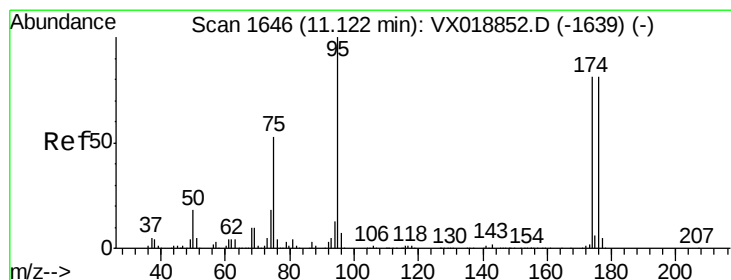
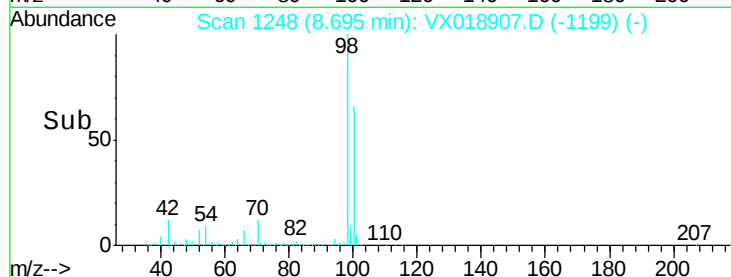
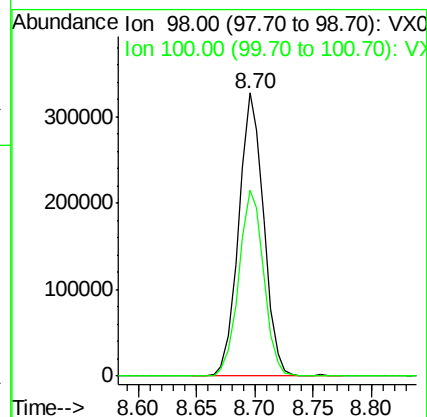
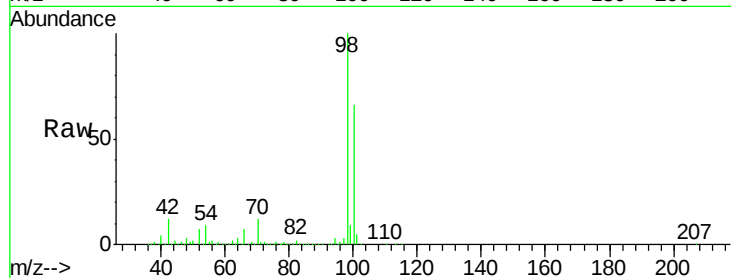
DUP-05-20201002

Tot Ion: 98 Resp: 490418

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.154 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018907.D

Acq: 12 Oct 2020 16:44

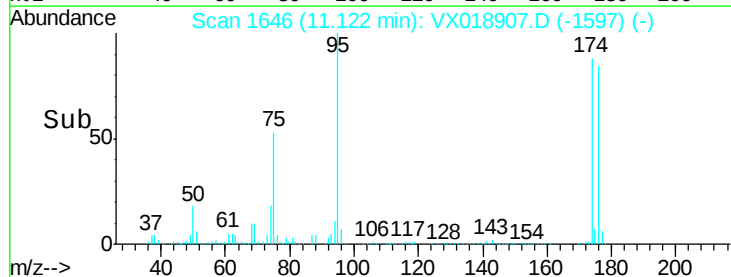
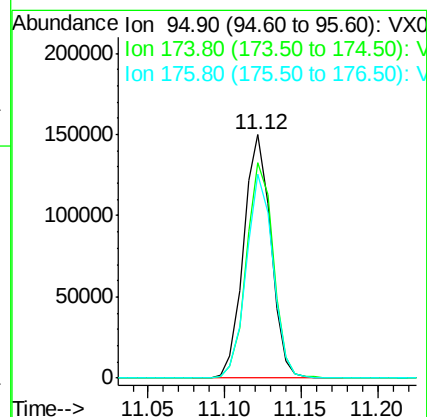
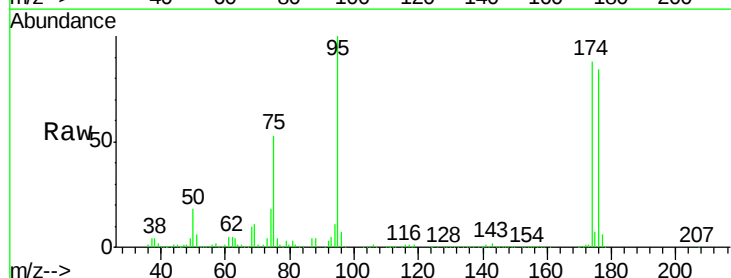
Tgt Ion: 95 Resp: 185373

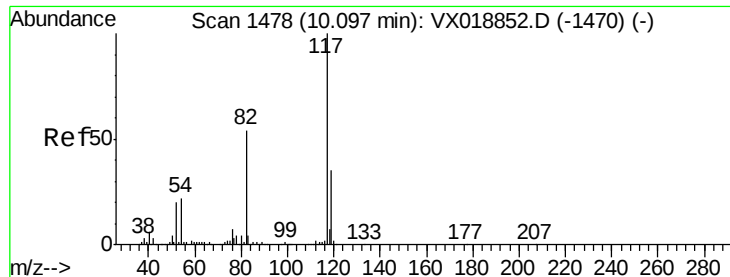
Ion Ratio Lower Upper

95 100

174 87.6 0.0 160.0

176 82.2 0.0 161.2

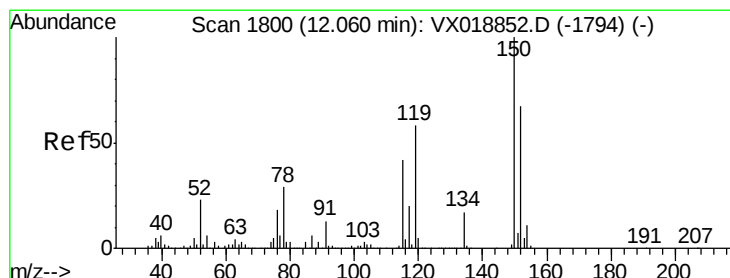
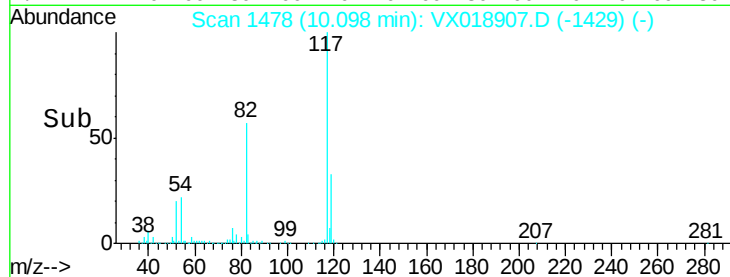
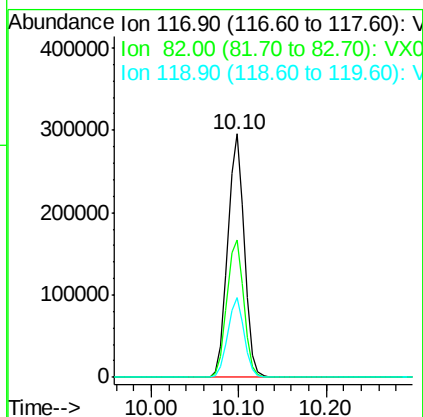
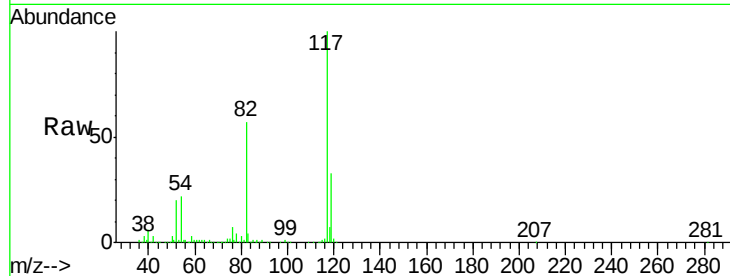




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018907.D
Acq: 12 Oct 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20201002

Tot Ion:117 Resp: 387976
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.2
119 32.6 28.3 42.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018907.D
Acq: 12 Oct 2020 16:44

Tgt Ion:152 Resp: 200953
Ion Ratio Lower Upper
152 100
115 57.3 41.8 125.4
150 154.5 0.0 347.6

