

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018582.D
 Acq On : 24 Sep 2020 18:54
 Operator : JC/SP
 Sample : L4118-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921

Quant Time: Sep 25 02:31:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

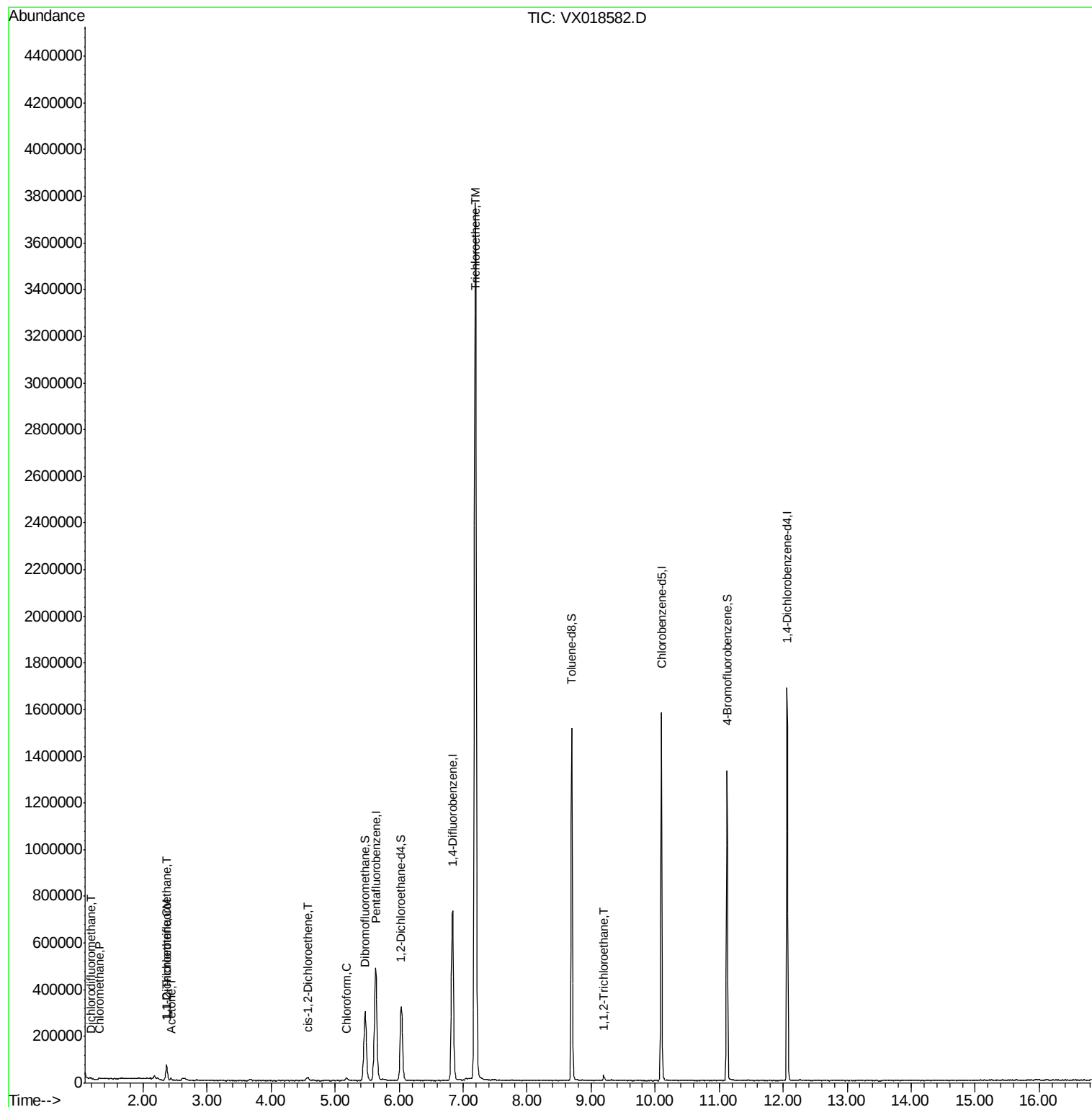
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	445563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	714721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	689501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	340885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	319937	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	5.47	113	250908	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	8.70	98	879107	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.12	95	330313	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	2624	0.621	ug/l	75
3) Chloromethane	1.31	50	3249	0.657	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	17246	4.028	ug/l	96
12) 1,1-Dichloroethene	2.36	96	10316	2.391	ug/l #	77
16) Acetone	2.43	43	9866	4.093	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	10155	1.807	ug/l	83
30) Chloroform	5.17	83	13885	1.510	ug/l	99
44) Trichloroethene	7.19	130	1420895	246.888	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	7030	1.354	ug/l	95

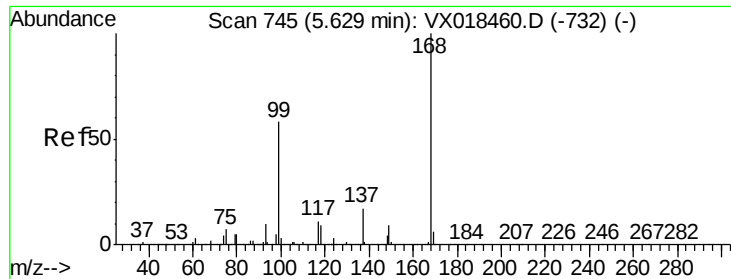
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092420\
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

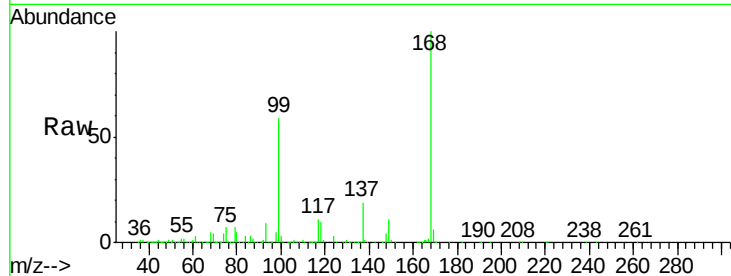
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921

Tot Ion:168 Resp: 445563

Ion Ratio Lower Upper

168 100

99 58.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

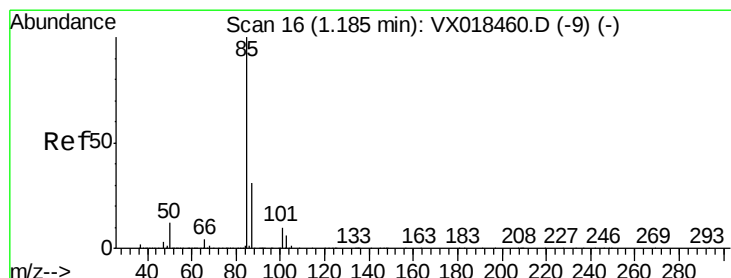
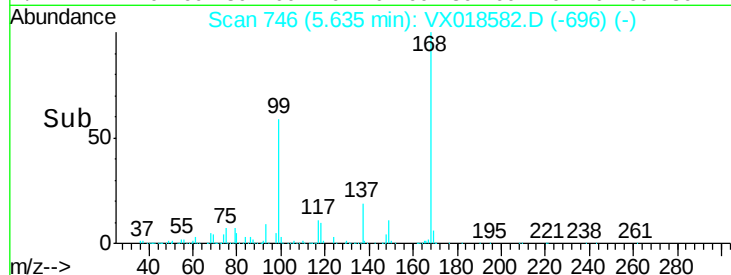
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.621 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018582.D

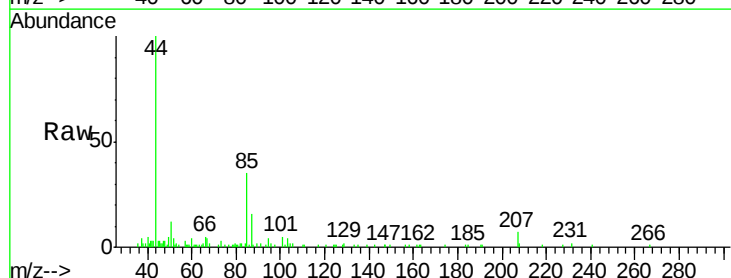
Acq: 24 Sep 2020 18:54

Tgt Ion: 85 Resp: 2624

Ion Ratio Lower Upper

85 100

87 45.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

3000

2500

2000

1500

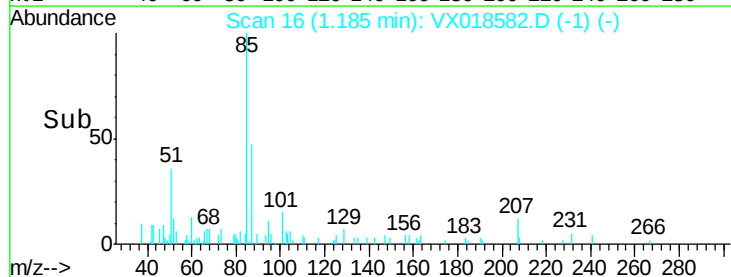
1000

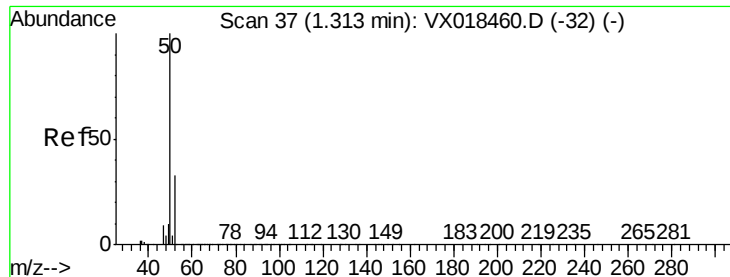
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.657 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

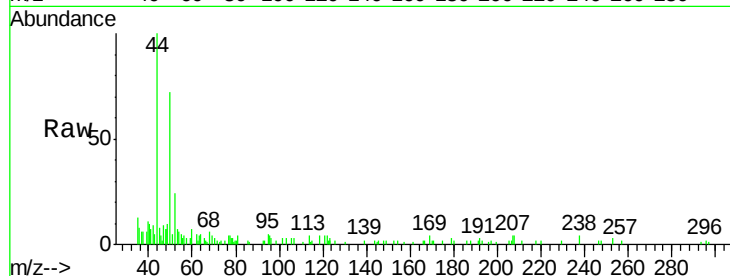
TT180D1-20200921

Tot Ion: 50 Resp: 3249

Ion Ratio Lower Upper

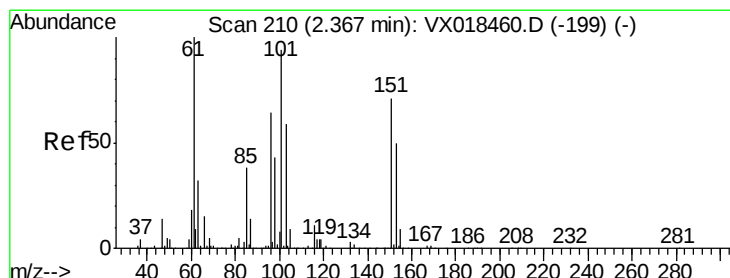
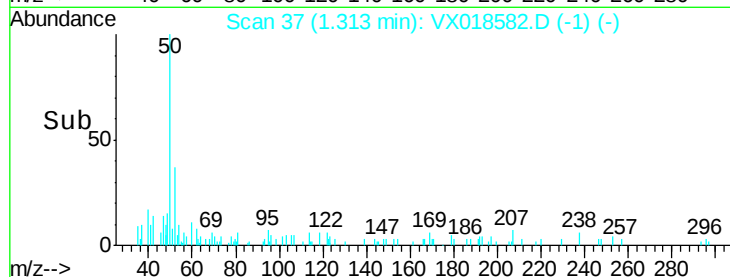
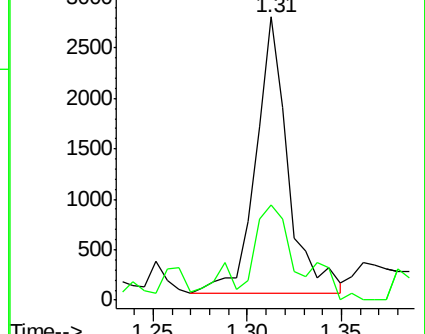
50 100

52 31.2 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.028 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

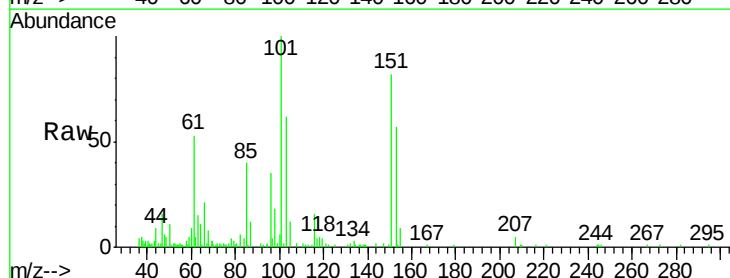
Tgt Ion: 101 Resp: 17246

Ion Ratio Lower Upper

101 100

85 44.8 34.7 52.1

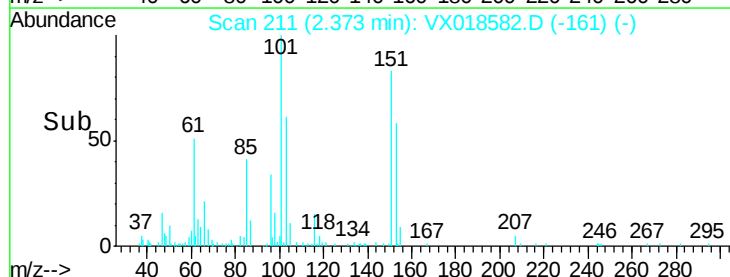
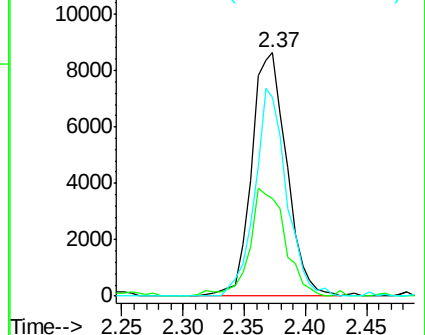
151 77.3 64.9 97.3

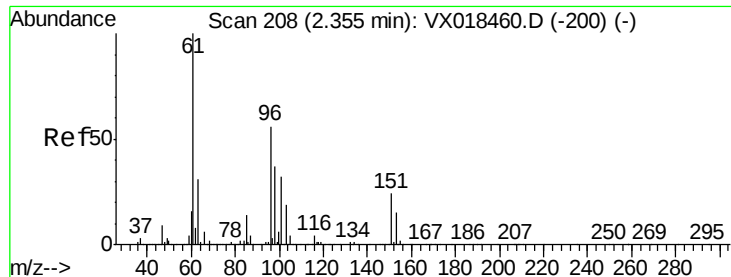


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 2.391 ug/l

RT: 2.36 min Scan# 208

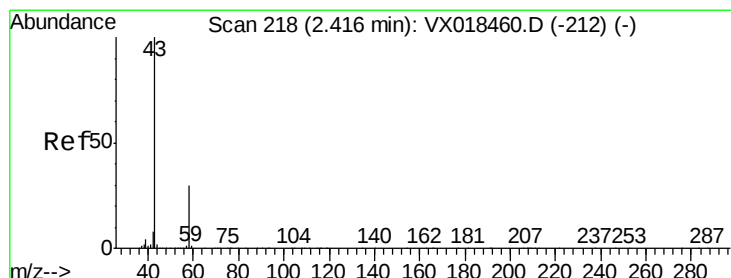
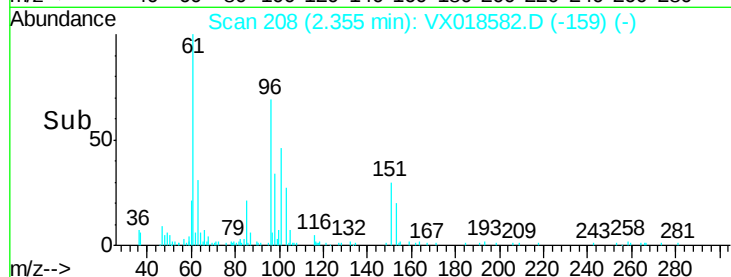
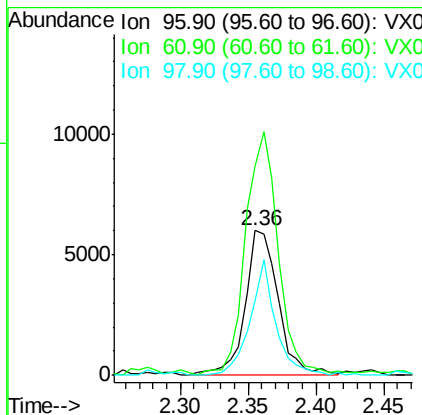
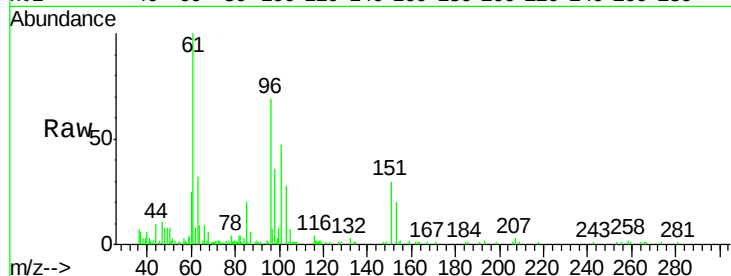
Delta R.T. -0.00 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921

Tot Ion: 96 Resp: 10316
Ion Ratio Lower Upper
96 100
61 142.6 142.2 213.4
98 51.5 52.4 78.6#



#16

Acetone

Concen: 4.093 ug/l

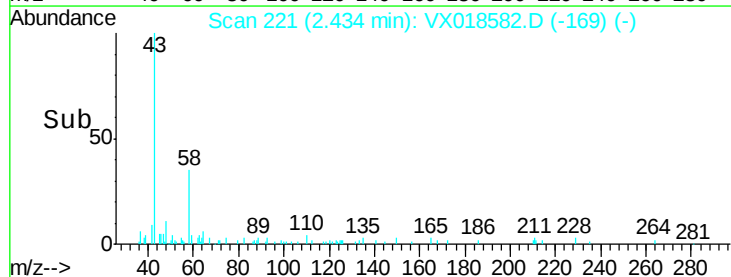
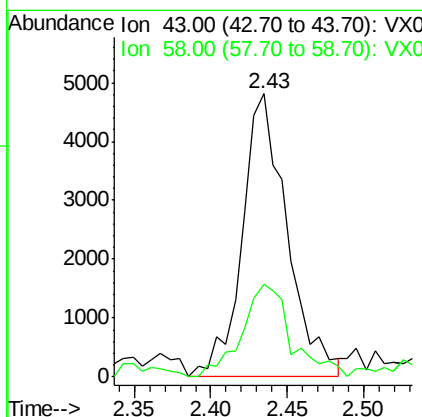
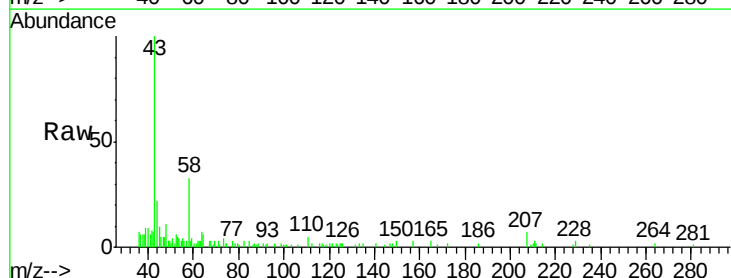
RT: 2.43 min Scan# 221

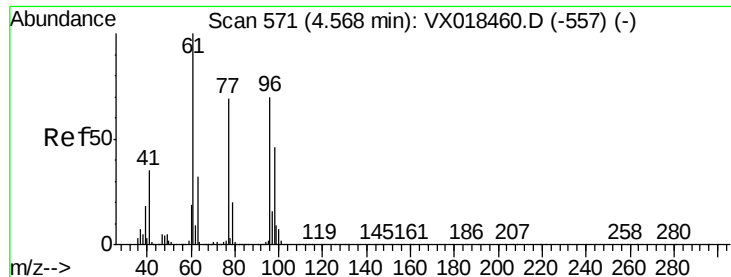
Delta R.T. 0.02 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

Tgt Ion: 43 Resp: 9866
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0



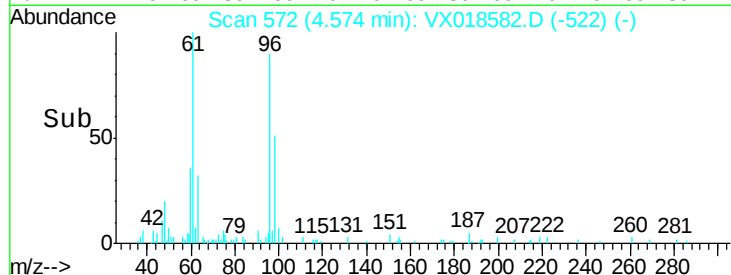
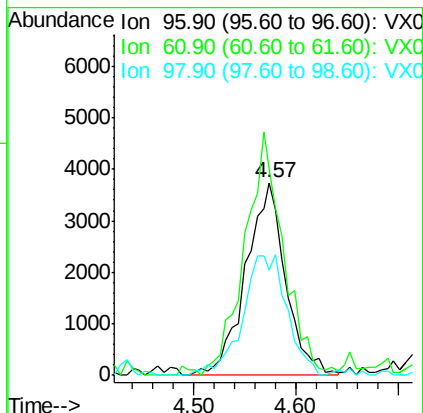
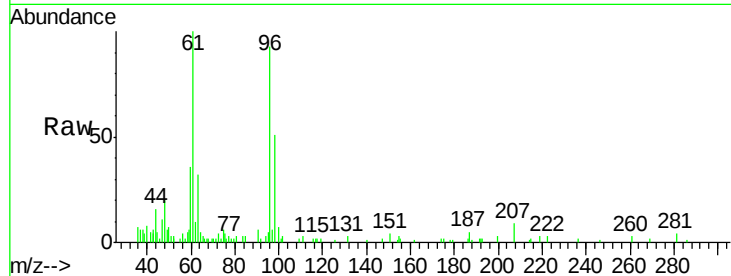


#27

cis-1,2-Dichloroethene
Concen: 1.807 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX018582.D
Acq: 24 Sep 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921

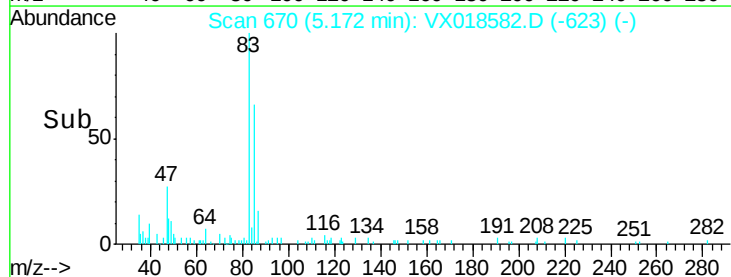
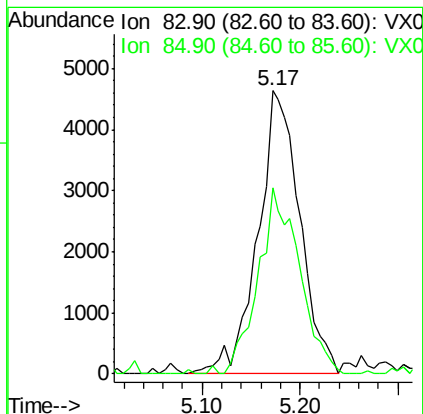
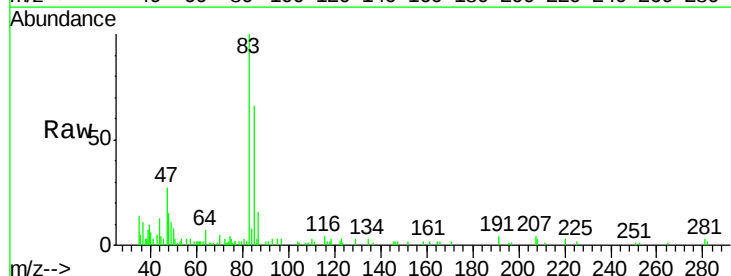
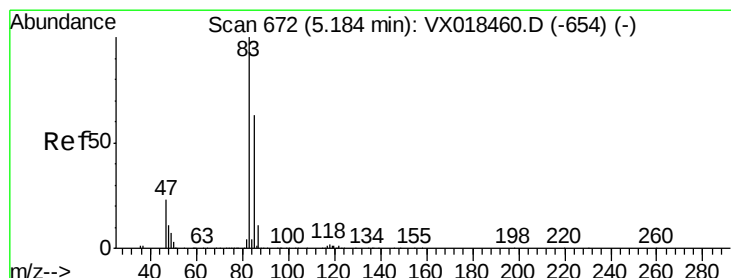
Tot Ion	96	Resp	10155
Ion	Ratio	Lower	Upper
96	100		
61	122.1	0.0	300.0
98	69.2	0.0	130.4

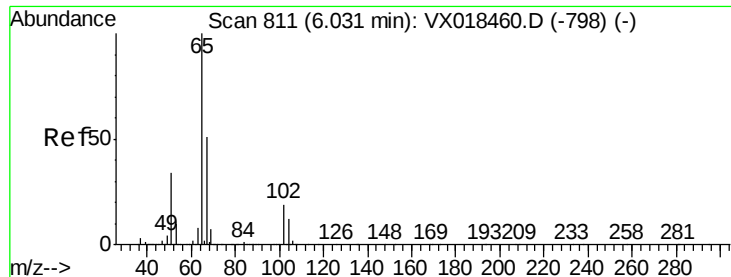


#30

Chloroform
Concen: 1.510 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018582.D
Acq: 24 Sep 2020 18:54

Tgt Ion	83	Resp	13885
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.6	76.0

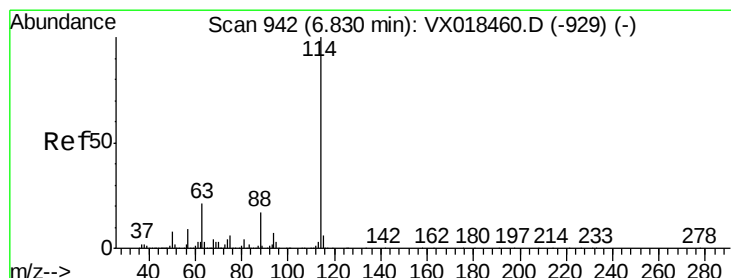
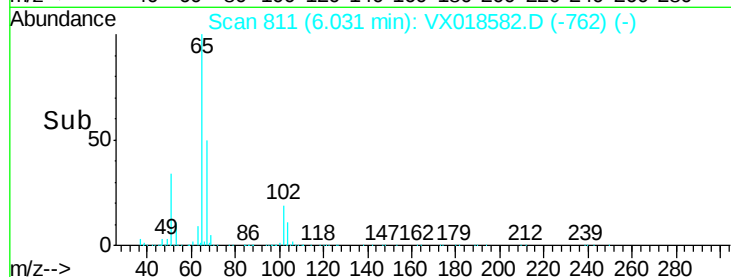
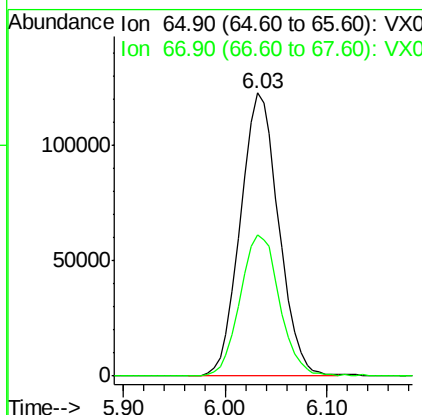
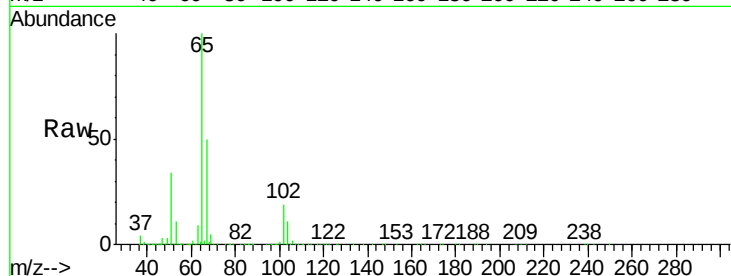




#33
 1,2-Dichloroethane-d4
 Concen: 50.758 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018582.D
 Acq: 24 Sep 2020 18:54

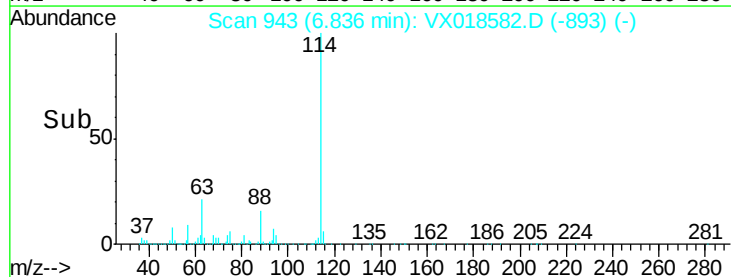
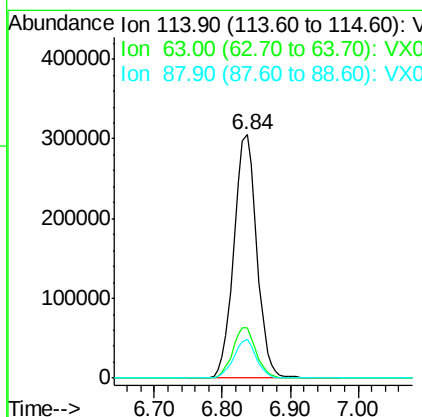
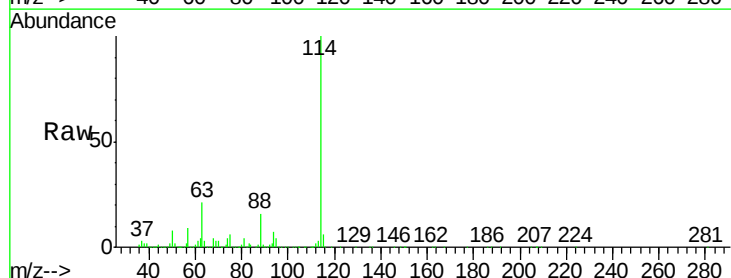
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921

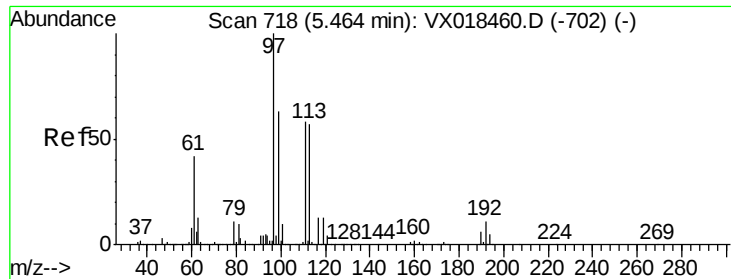
Tot Ion: 65 Resp: 319937
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018582.D
 Acq: 24 Sep 2020 18:54

Tgt Ion: 114 Resp: 714721
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.781 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921

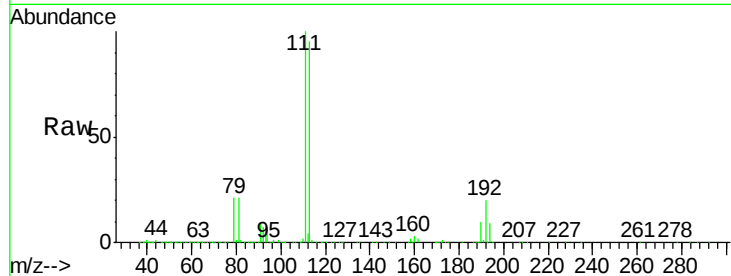
Tot Ion:113 Resp: 250908

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

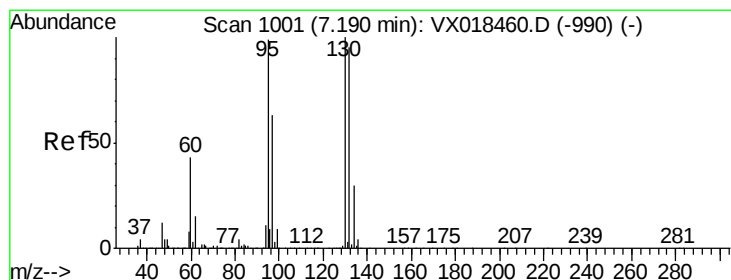
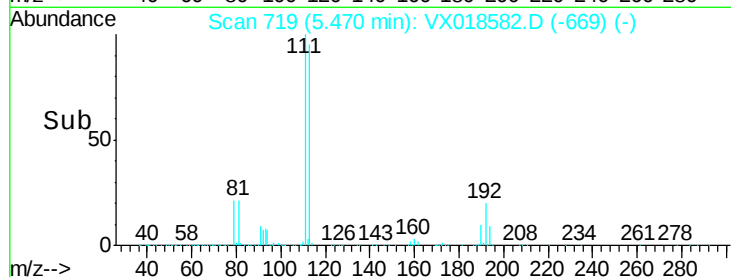
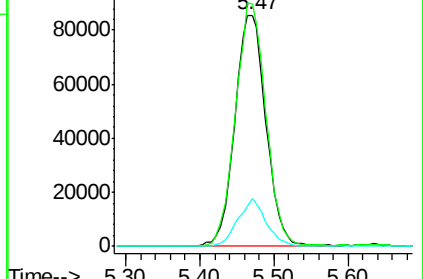
192 18.9 16.6 24.8



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



#44

Trichloroethene

Concen: 246.888 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018582.D

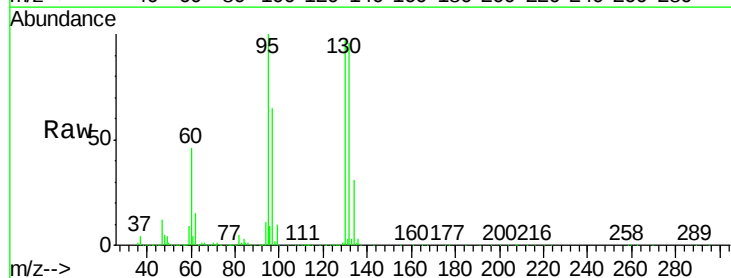
Acq: 24 Sep 2020 18:54

Tgt Ion:130 Resp: 1420895

Ion Ratio Lower Upper

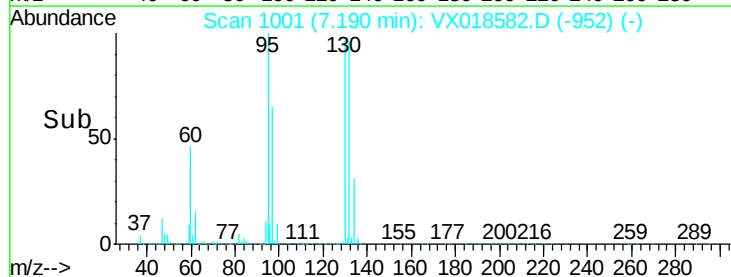
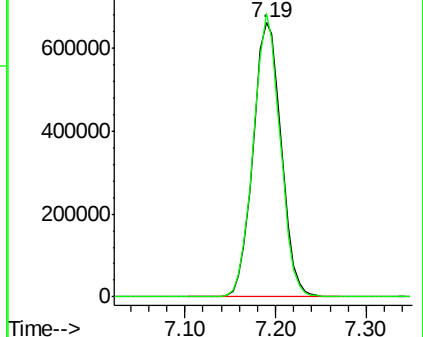
130 100

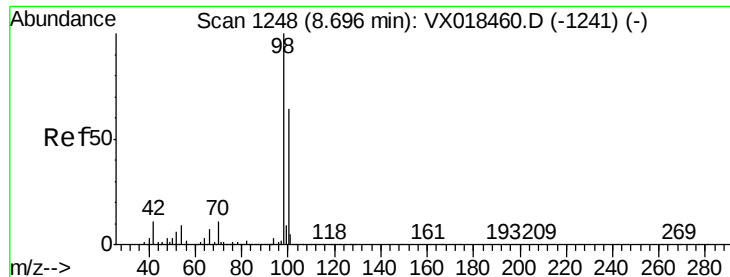
95 103.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.969 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

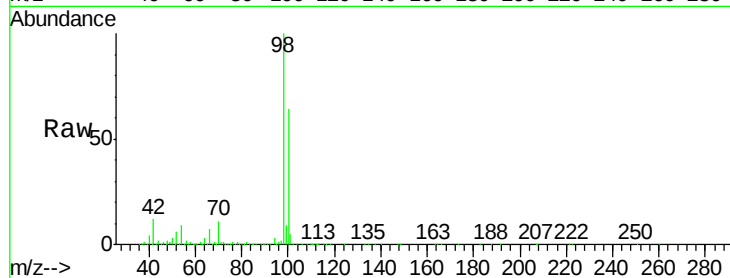
TT180D1-20200921

Tot Ion: 98 Resp: 879107

Ion Ratio Lower Upper

98 100

100 65.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

600000

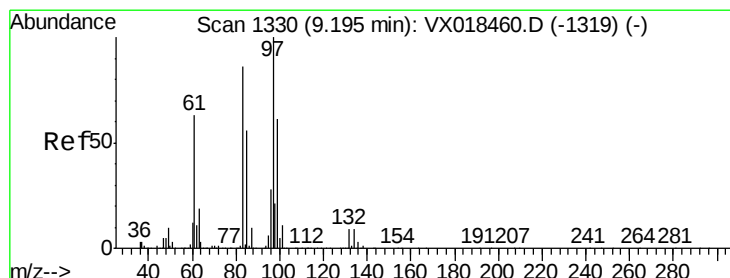
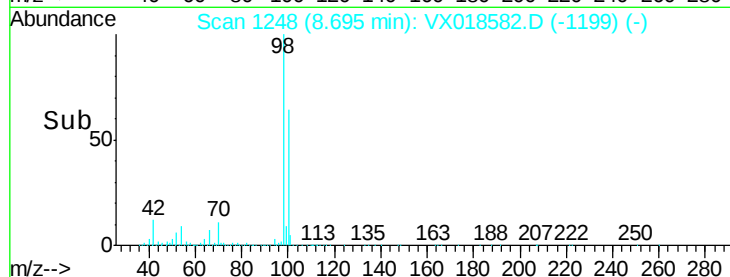
400000

200000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.354 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

Tgt Ion: 97 Resp: 7030

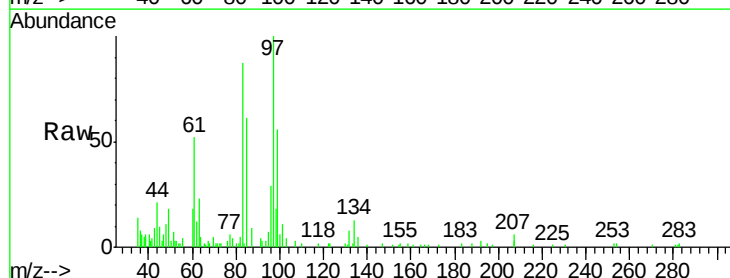
Ion Ratio Lower Upper

97 100

83 85.5 68.5 102.7

85 60.7 44.8 67.2

99 54.2 48.9 73.3



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

6000

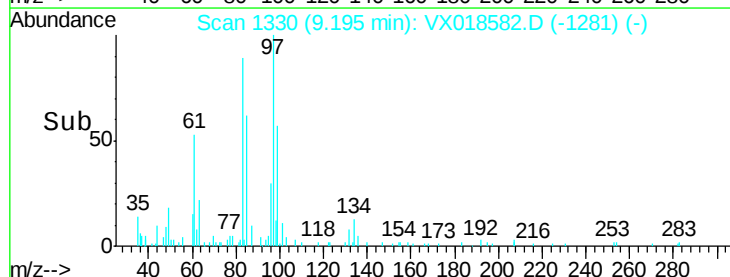
4000

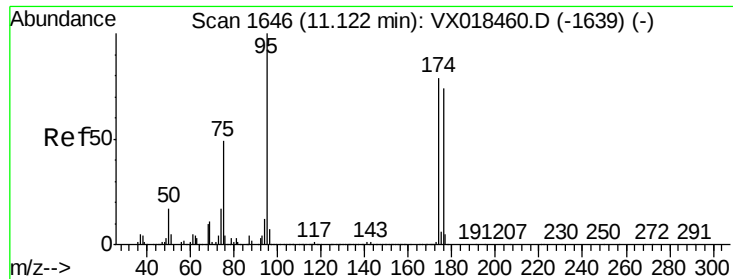
2000

0

9.15 9.20 9.25

Time-->

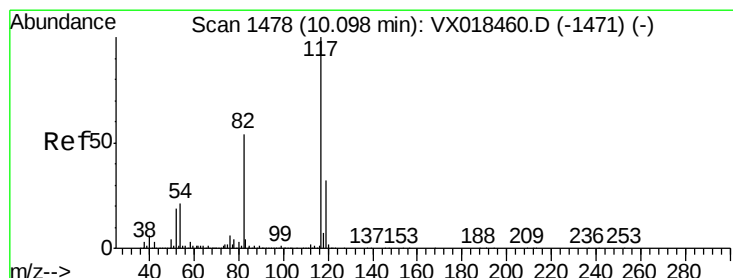
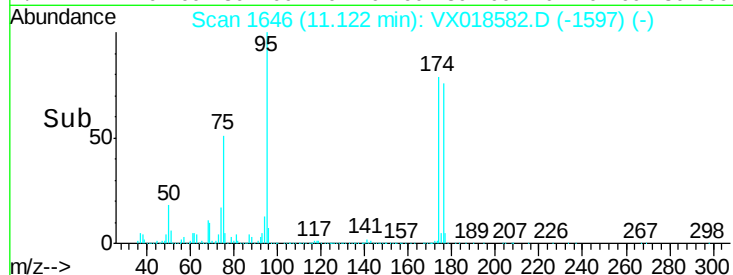
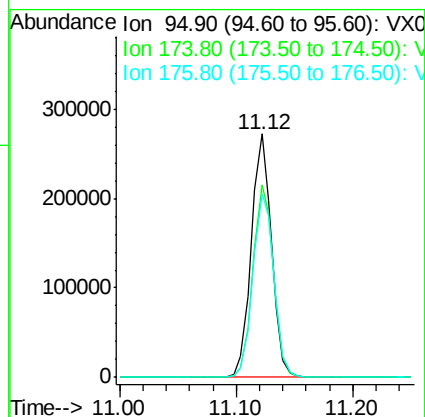
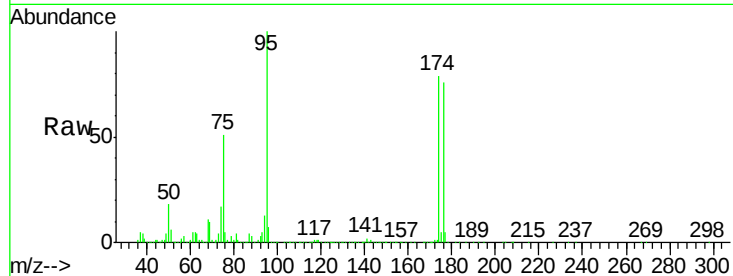




#62
4-Bromofluorobenzene
Concen: 46.256 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018582.D
Acq: 24 Sep 2020 18:54

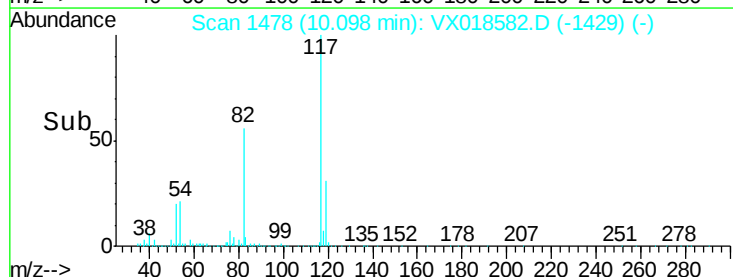
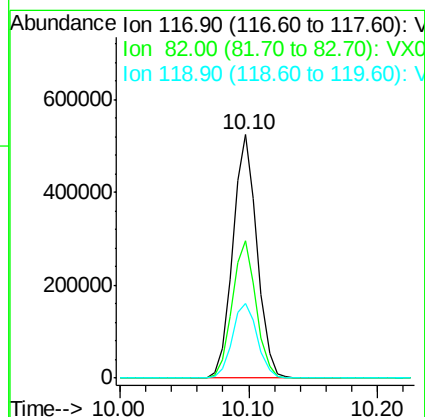
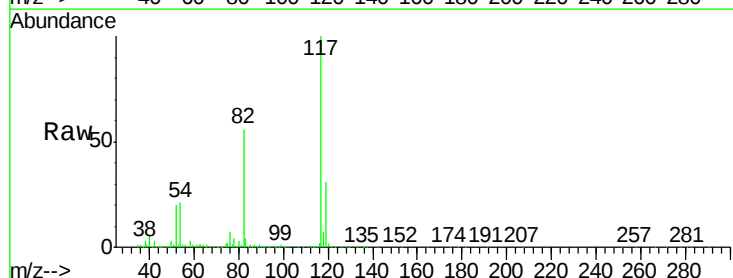
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921

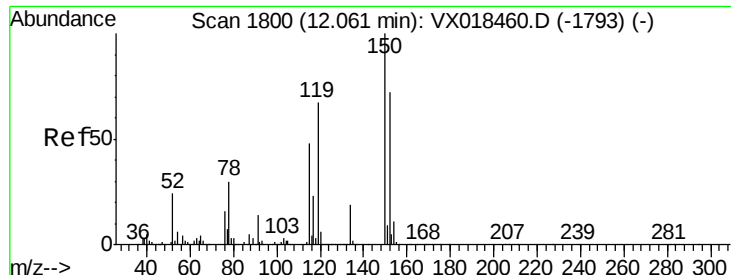
Tot Ion: 95 Resp: 330313
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.4
176 78.8 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018582.D
Acq: 24 Sep 2020 18:54

Tgt Ion: 117 Resp: 689501
Ion Ratio Lower Upper
117 100
82 56.5 43.3 64.9
119 30.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018582.D

Acq: 24 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921

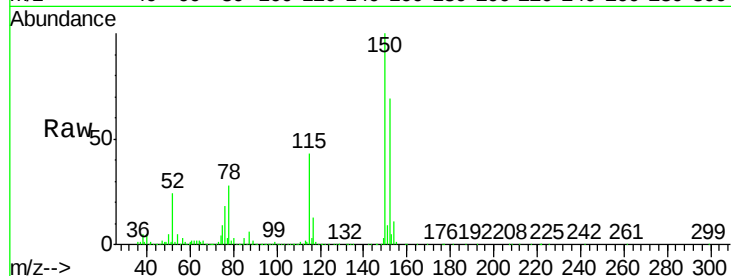
Tot Ion:152 Resp: 340885

Ion Ratio Lower Upper

152 100

115 60.8 41.8 125.4

150 154.9 0.0 342.4



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

