

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090920\
 Data File : VX018327.D
 Acq On : 09 Sep 2020 17:23
 Operator : JC/SP
 Sample : L3902-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ460I-20200901

Quant Time: Sep 10 08:57:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

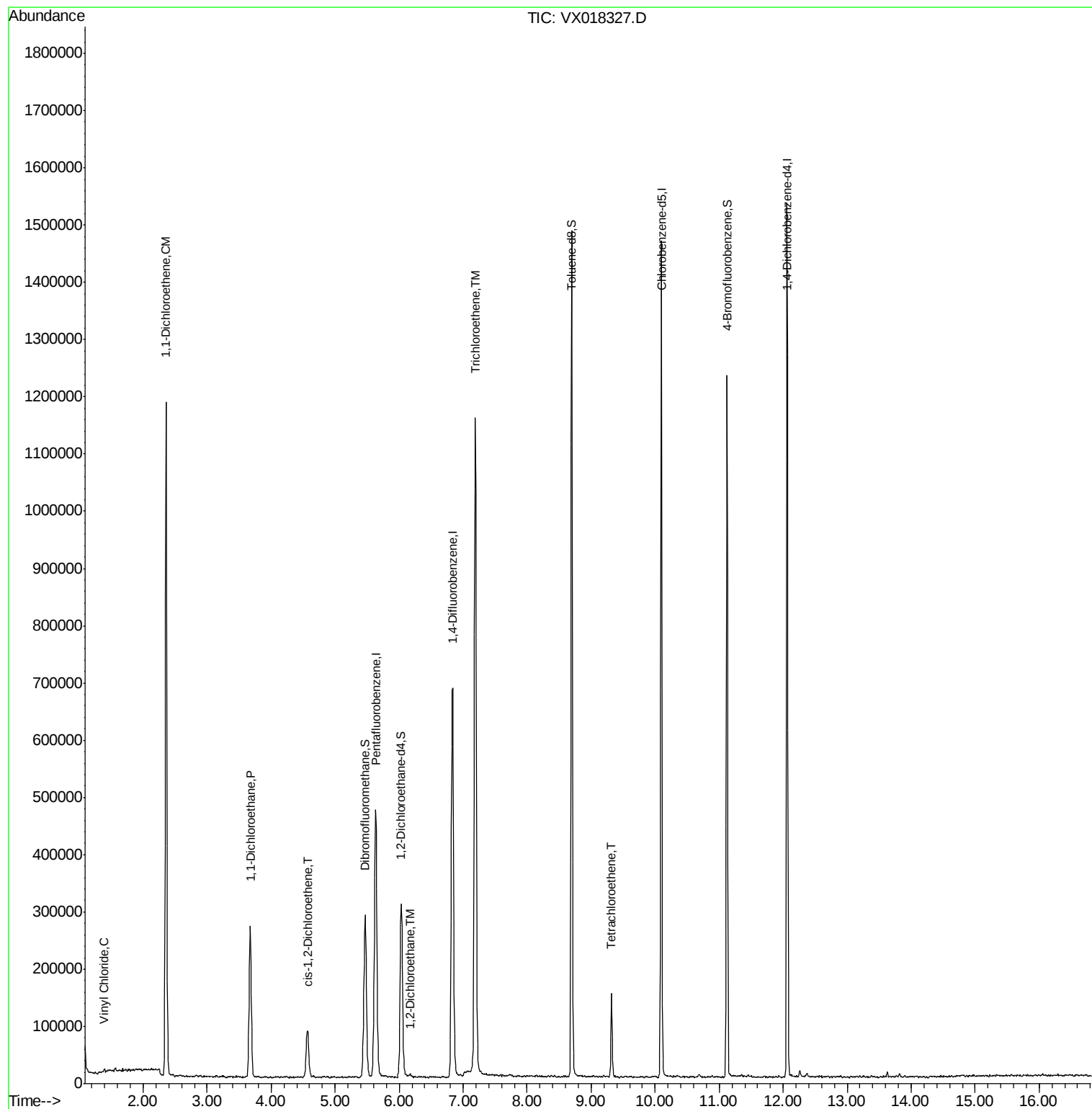
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	442093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	677322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	647269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	307467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	309398	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
35) Dibromofluoromethane	5.47	113	242914	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	8.70	98	845889	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.12	95	307683	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	4353	0.771	ug/l	94
12) 1,1-Dichloroethene	2.36	96	391994	90.732	ug/l	99
24) 1,1-Dichloroethane	3.67	63	305769	35.062	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	54056	9.802	ug/l	87
42) 1,2-Dichloroethane	6.17	62	5306	0.754	ug/l	89
44) Trichloroethene	7.19	130	431330	83.158	ug/l	100
64) Tetrachloroethene	9.32	164	27216	5.722	ug/l	92

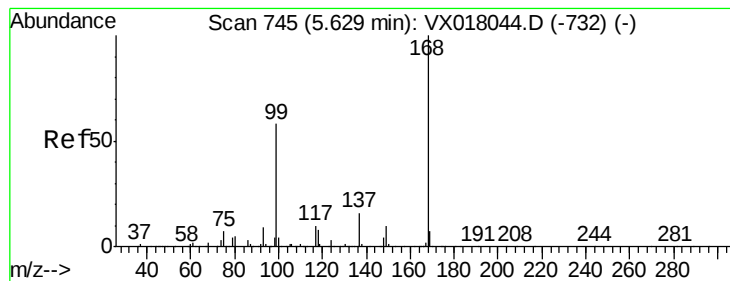
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 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: VX018327.D

Acq: 09 Sep 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

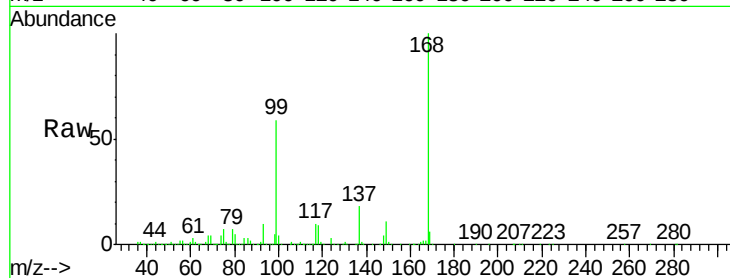
FT-PZ460I-20200901

Tot Ion:168 Resp: 442093

Ion Ratio Lower Upper

168 100

99 59.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

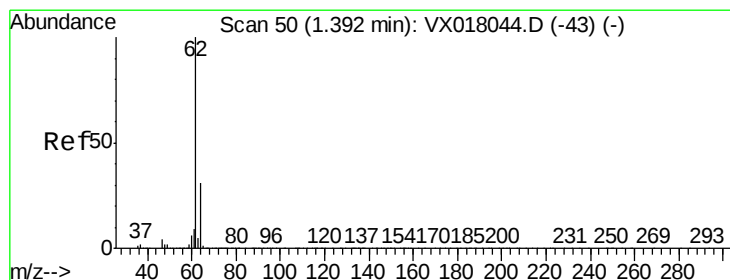
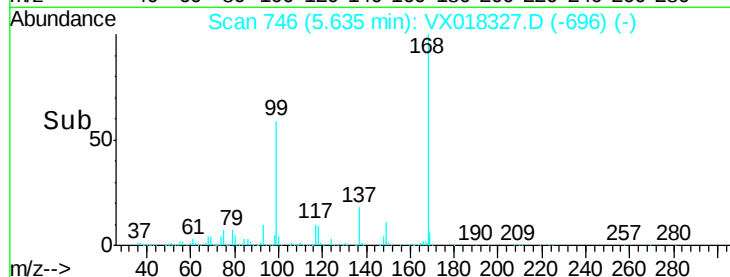
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.771 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX018327.D

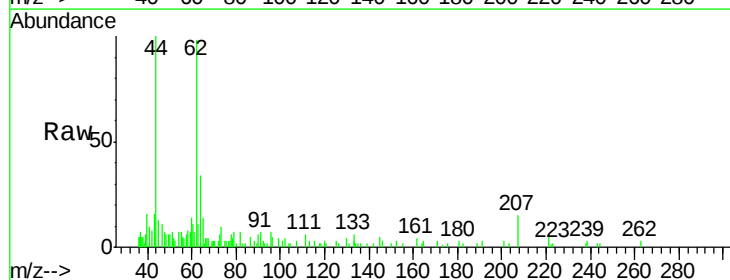
Acq: 09 Sep 2020 17:23

Tgt Ion: 62 Resp: 4353

Ion Ratio Lower Upper

62 100

64 34.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

3000

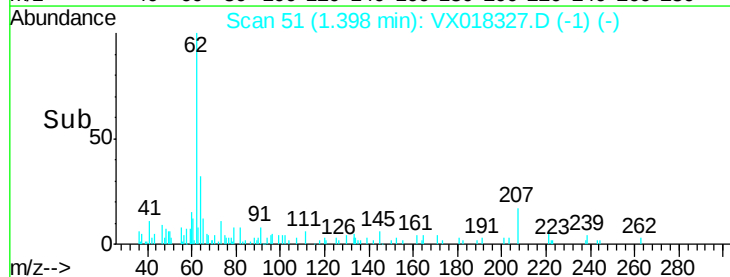
2000

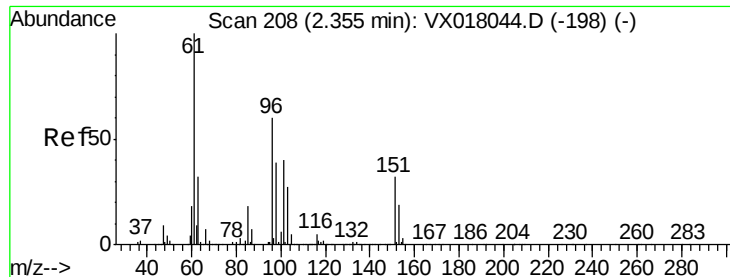
1000

0

Time-->

1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 90.732 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018327.D

Acq: 09 Sep 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ460I-20200901

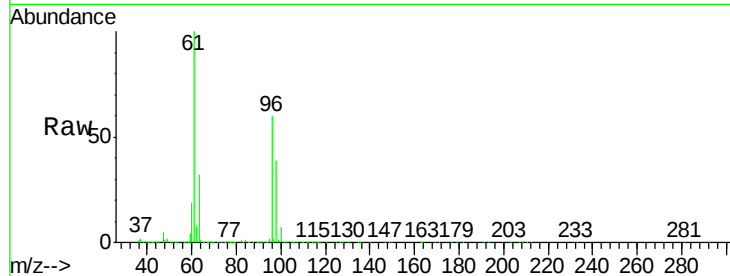
Tot Ion: 96 Resp: 391994

Ion Ratio Lower Upper

96 100

61 167.1 133.0 199.4

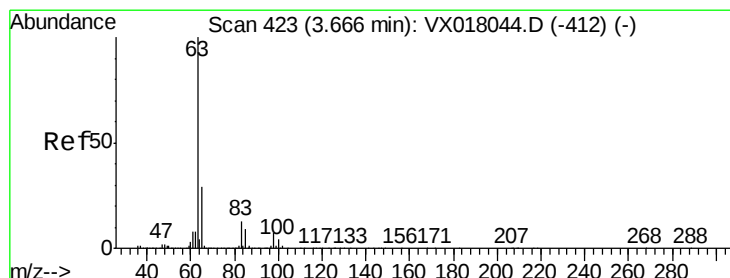
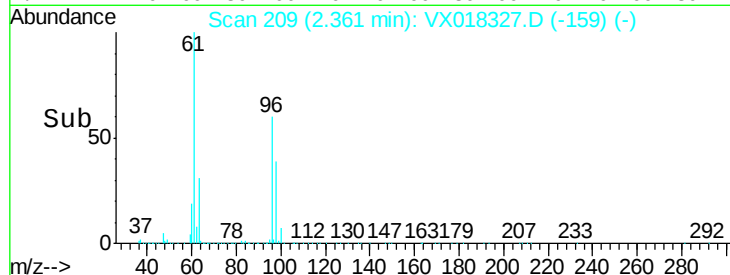
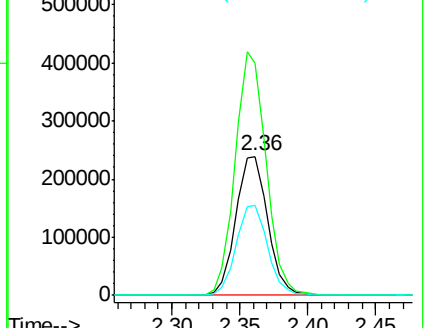
98 64.4 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#24

1,1-Dichloroethane

Concen: 35.062 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018327.D

Acq: 09 Sep 2020 17:23

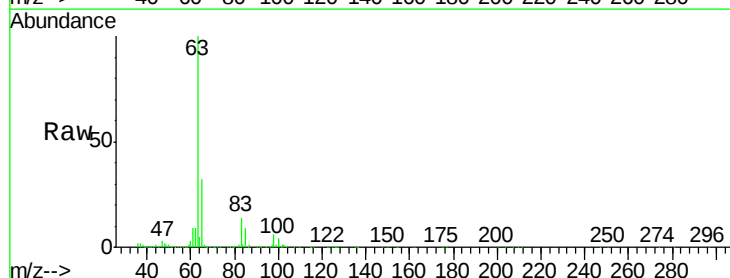
Tgt Ion: 63 Resp: 305769

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

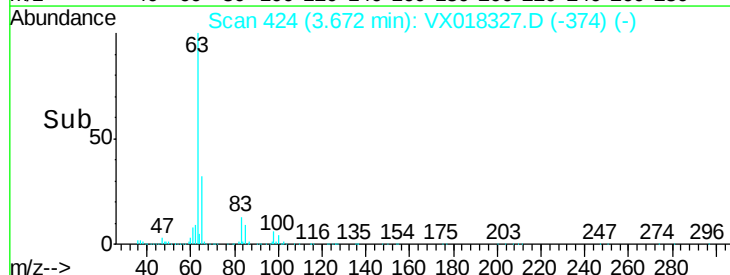
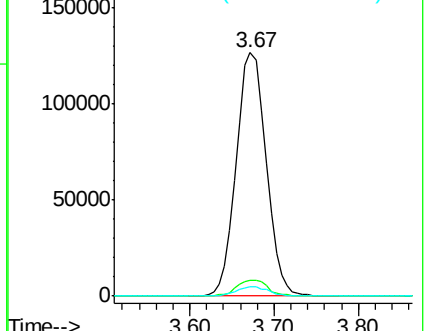
100 4.1 2.0 6.0

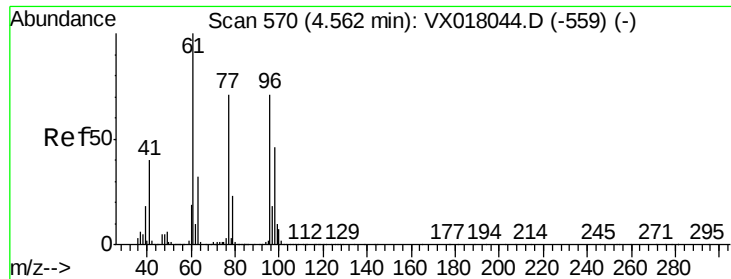


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



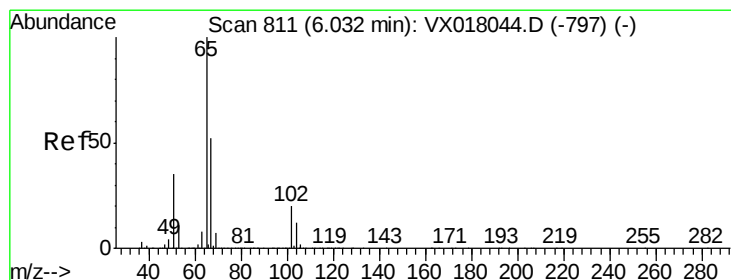
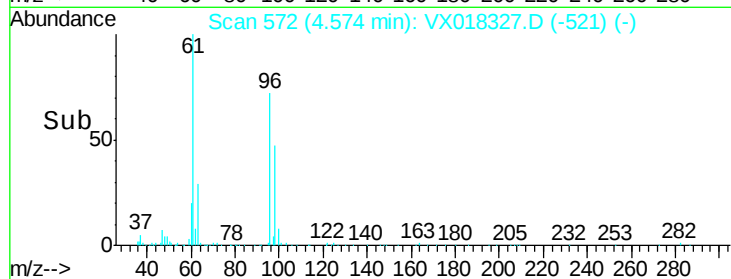
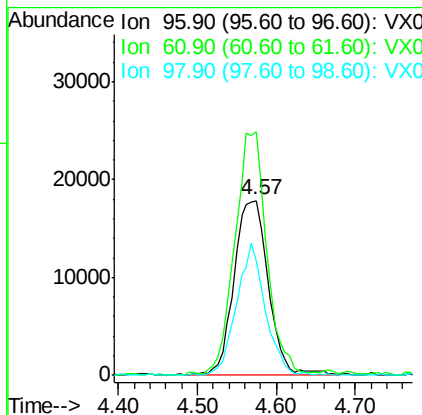
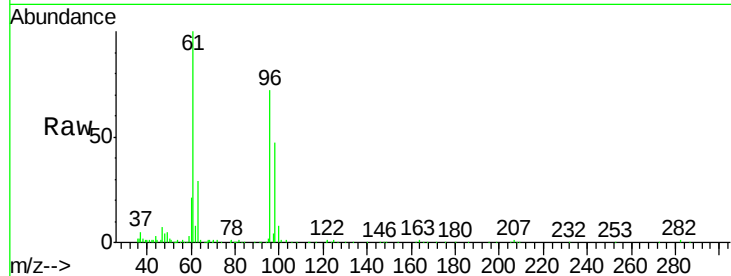


#27

cis-1,2-Dichloroethene
Concen: 9.802 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX018327.D
Acq: 09 Sep 2020 17:23

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ460I-20200901

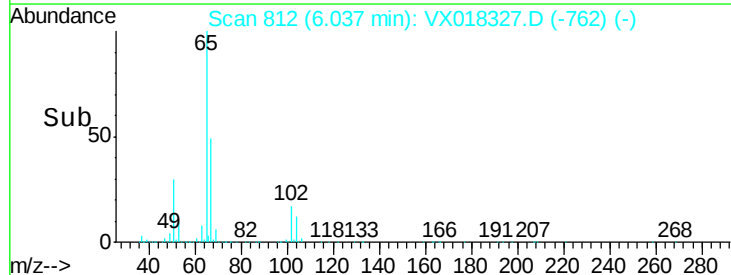
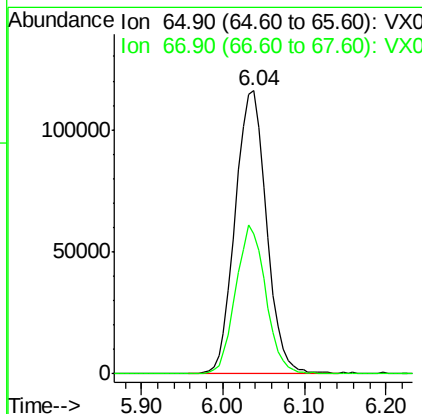
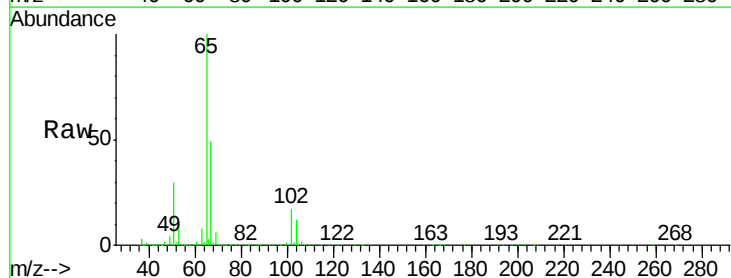
Tot Ion	96	Resp	54056
Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	296.6
98	61.8	0.0	130.2

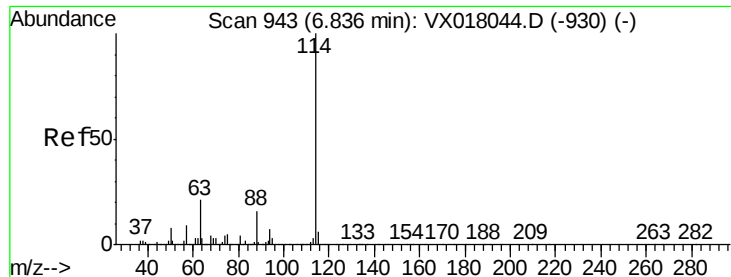


#33

1,2-Dichloroethane-d4
Concen: 50.412 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018327.D
Acq: 09 Sep 2020 17:23

Tgt Ion	65	Resp	309398
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018327.D

Acq: 09 Sep 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ460I-20200901

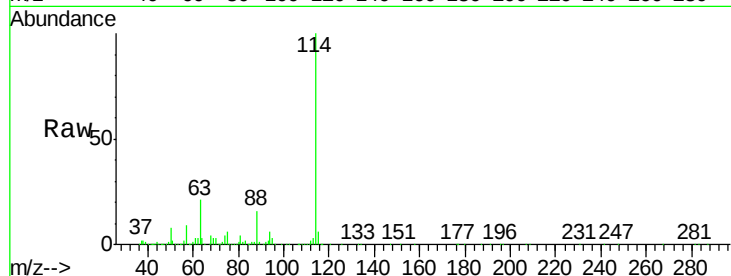
Tot Ion:114 Resp: 677322

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

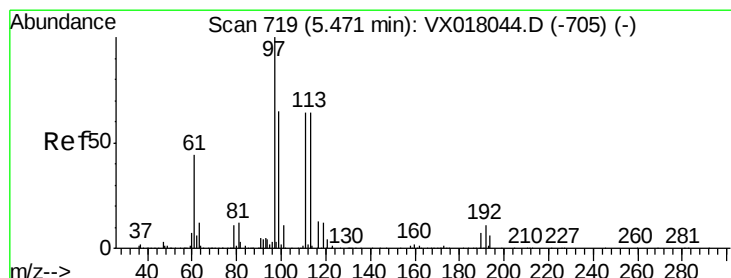
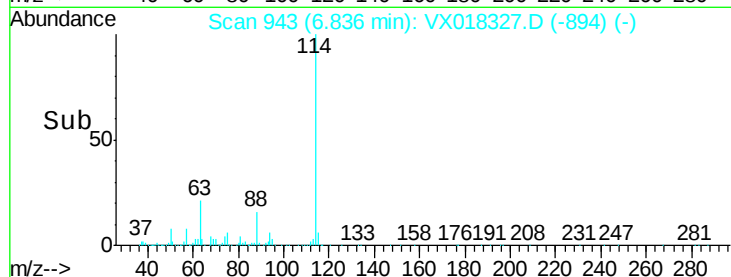
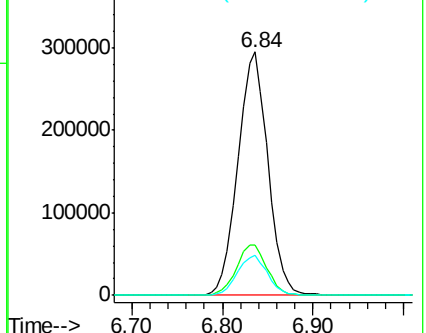
88 16.2 0.0 31.8



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: 52.660 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018327.D

Acq: 09 Sep 2020 17:23

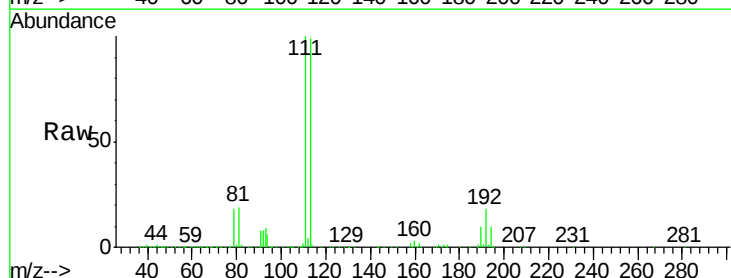
Tgt Ion:113 Resp: 242914

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

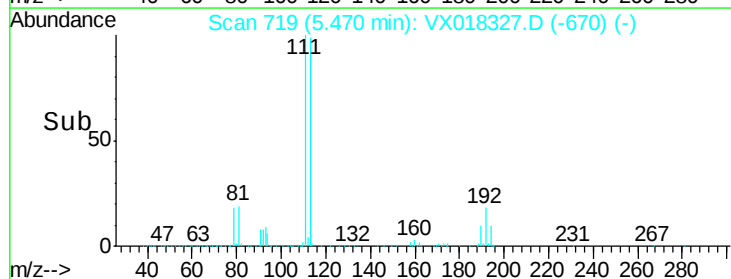
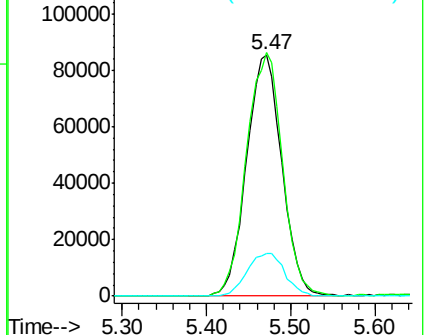
192 19.0 15.8 23.8

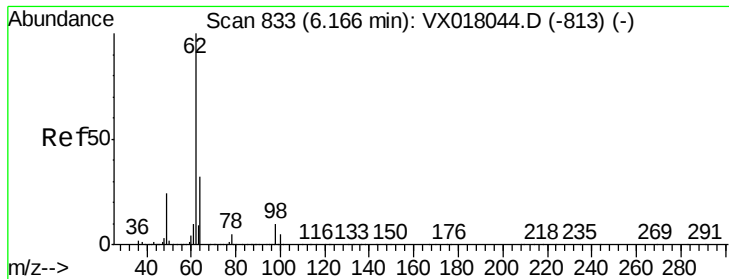


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 0.754 ug/l

RT: 6.17 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX018327.D

Acq: 09 Sep 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

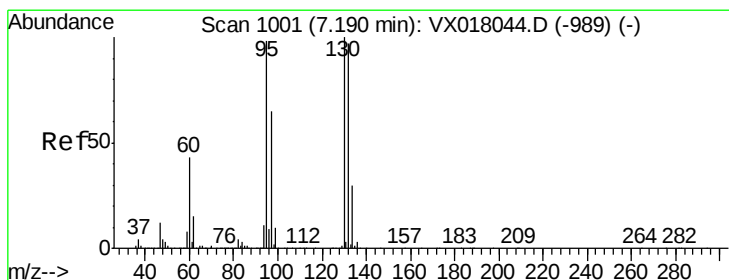
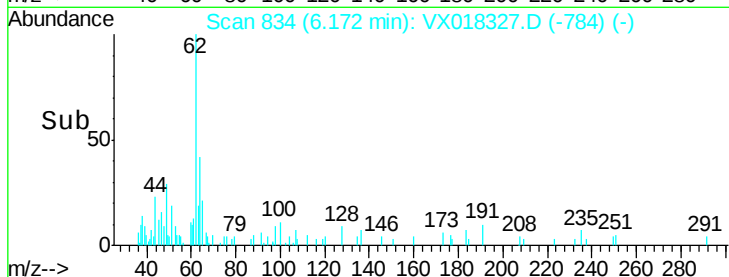
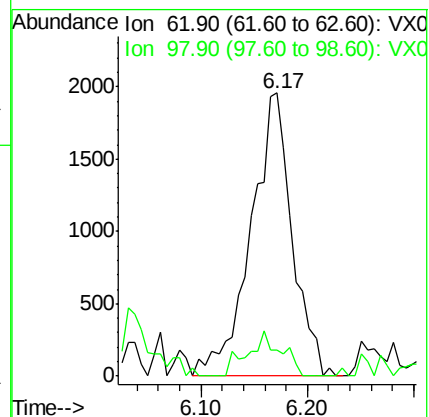
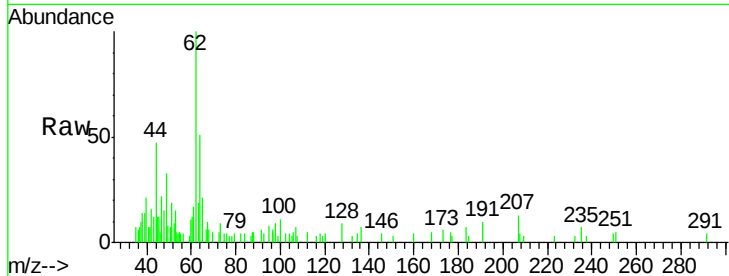
FT-PZ460I-20200901

Tot Ion: 62 Resp: 5306

Ion Ratio Lower Upper

62 100

98 12.9 0.0 18.2



#44

Trichloroethene

Concen: 83.158 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018327.D

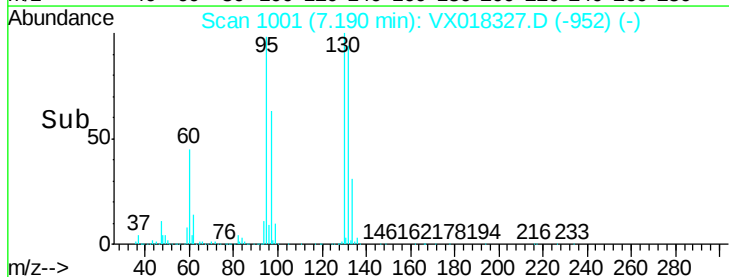
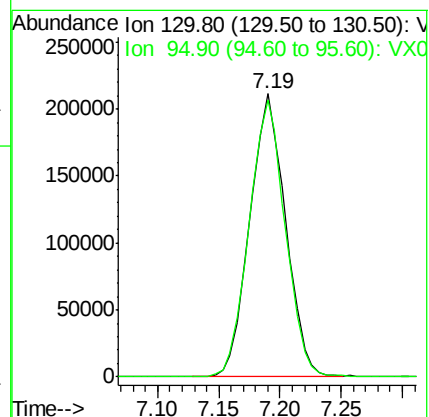
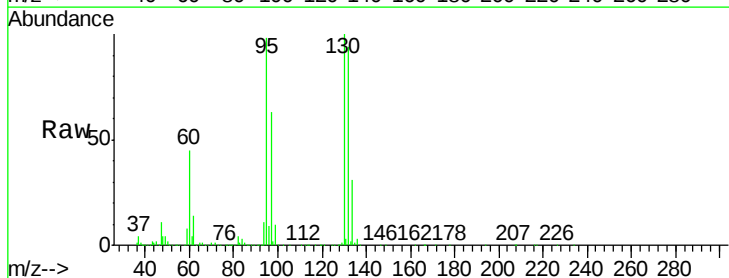
Acq: 09 Sep 2020 17:23

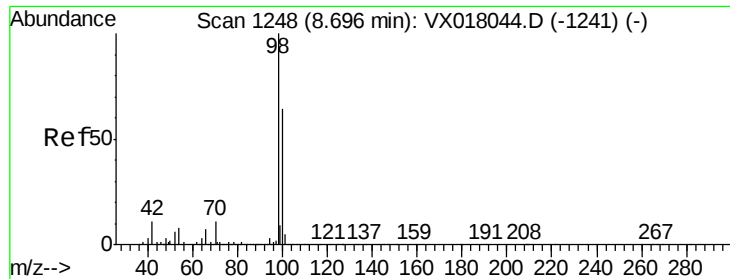
Tgt Ion:130 Resp: 431330

Ion Ratio Lower Upper

130 100

95 97.9 0.0 196.4





#50

Toluene-d8

Concen: 49.234 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018327.D

Acq: 09 Sep 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

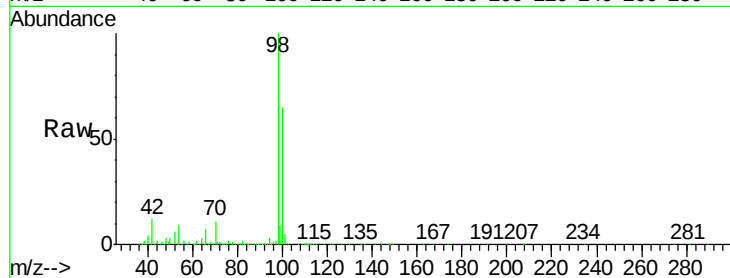
FT-PZ460I-20200901

Tot Ion: 98 Resp: 845889

Ion Ratio Lower Upper

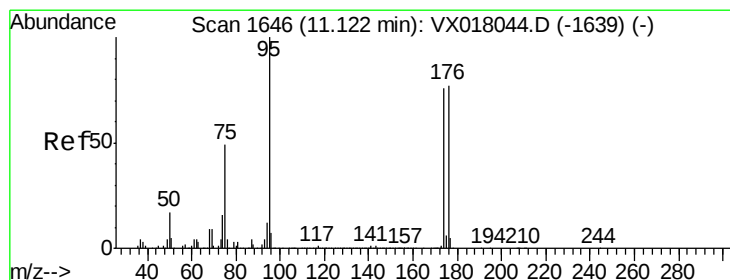
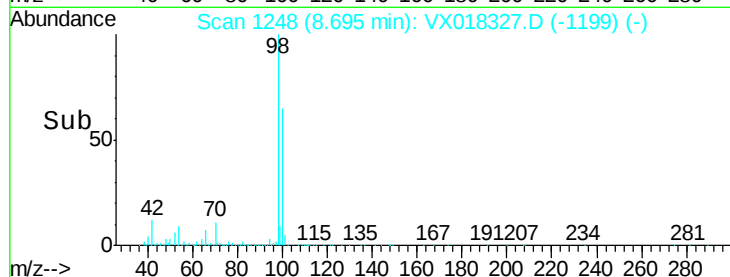
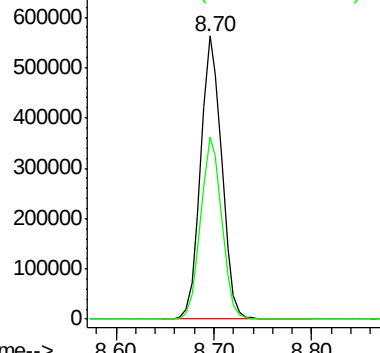
98 100

100 64.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.517 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018327.D

Acq: 09 Sep 2020 17:23

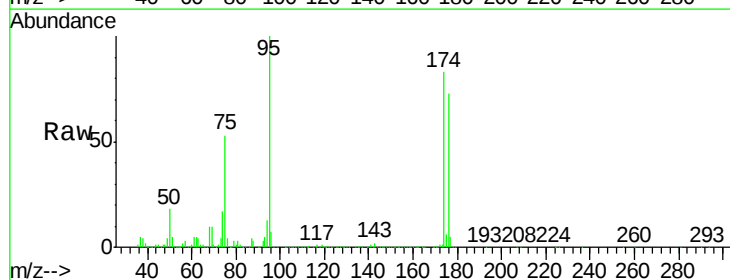
Tgt Ion: 95 Resp: 307683

Ion Ratio Lower Upper

95 100

174 81.6 0.0 160.2

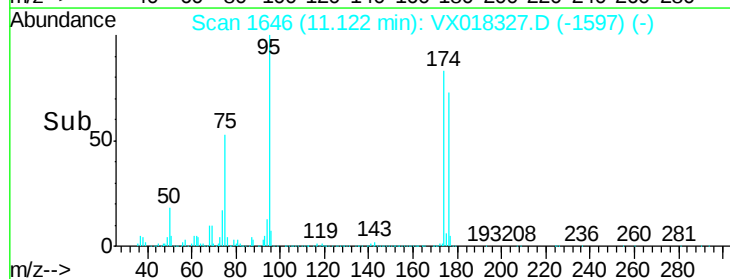
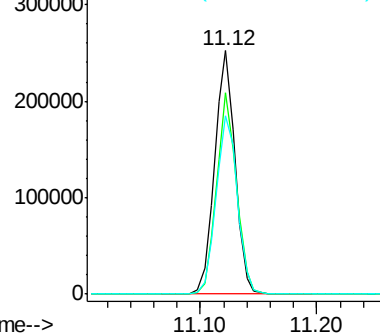
176 76.4 0.0 155.8

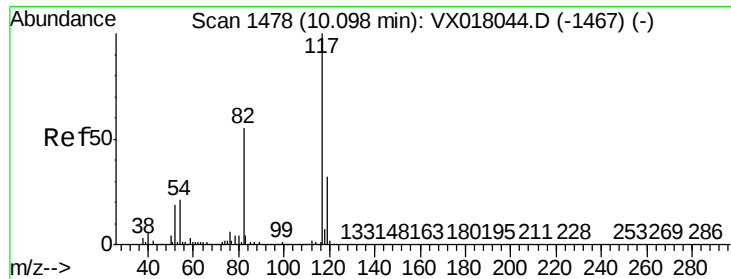


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

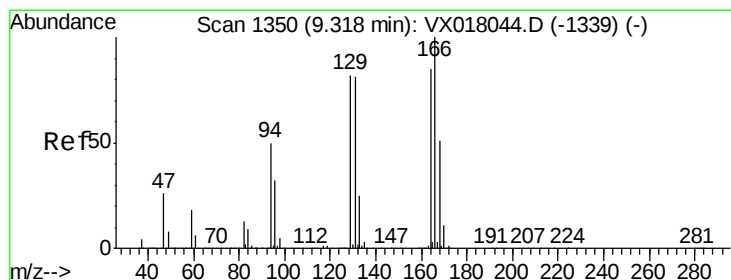
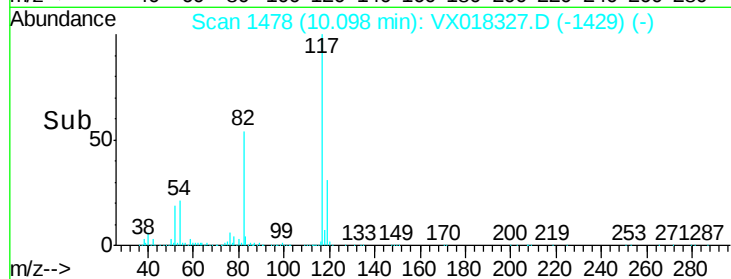
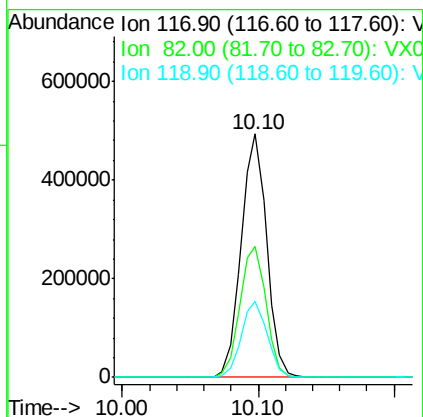
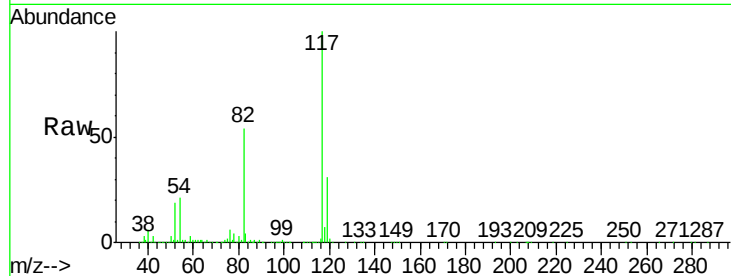




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018327.D
Acq: 09 Sep 2020 17:23

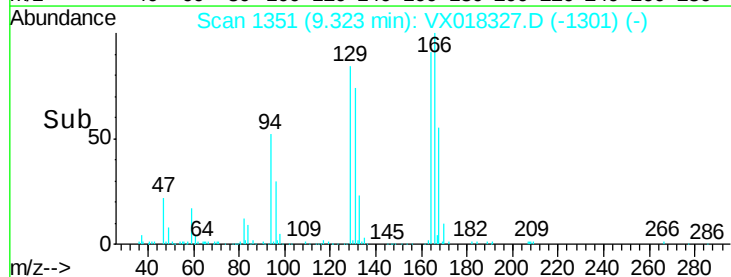
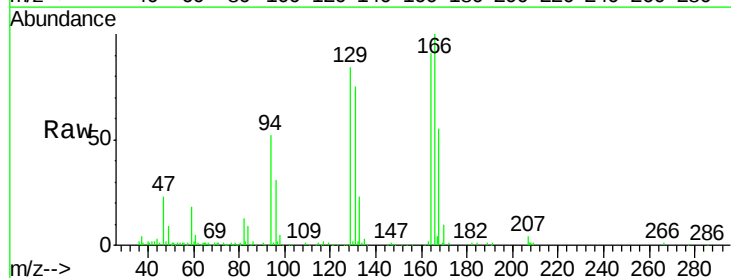
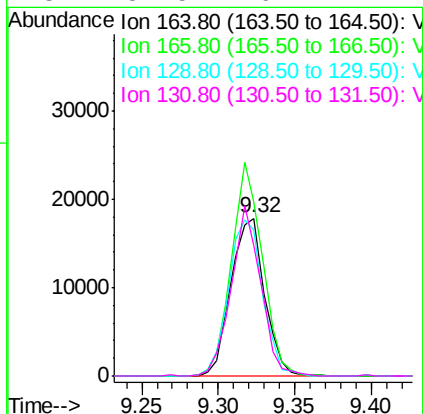
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ460I-20200901

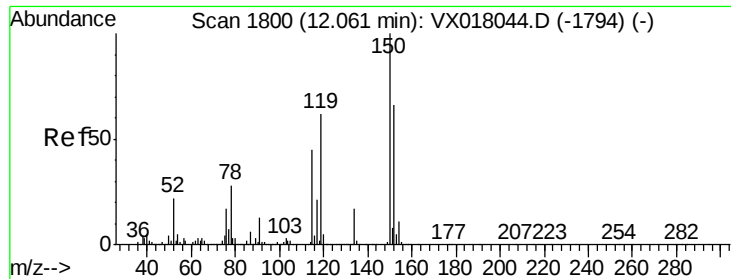
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.2
119	31.4	25.7	38.5



#64
Tetrachloroethene
Concen: 5.722 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018327.D
Acq: 09 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	110.0	94.2	141.2
129	92.3	76.9	115.3
131	82.5	76.1	114.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018327.D

Acq: 09 Sep 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ460I-20200901

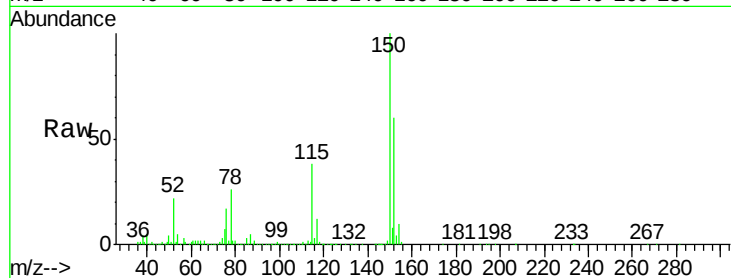
Tot Ion:152 Resp: 307467

Ion Ratio Lower Upper

152 100

115 61.4 41.5 124.5

150 162.0 0.0 343.8



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

