

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100520\
 Data File : VX018783.D
 Acq On : 05 Oct 2020 23:00
 Operator : JC/SP
 Sample : L4240-04DL 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3R2DL

Quant Time: Oct 07 02:23:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 05:58:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	138919	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	133205	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	60015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38345	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.70	69	34994	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.34	63	69876	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.56	46	131241	61.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.32%
24) Chloroform-d	5.14	84	99450	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	6.03	65	57120	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	6.05	84	181211	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	7.37	67	55980	5.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.00%
41) Toluene-d8	8.70	98	162622	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
45) trans-1,3-Dichloropropene-	8.99	79	24223	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
48) 2-Hexanone-d5	9.43	63	104151	60.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.72%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	43674	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	66076	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

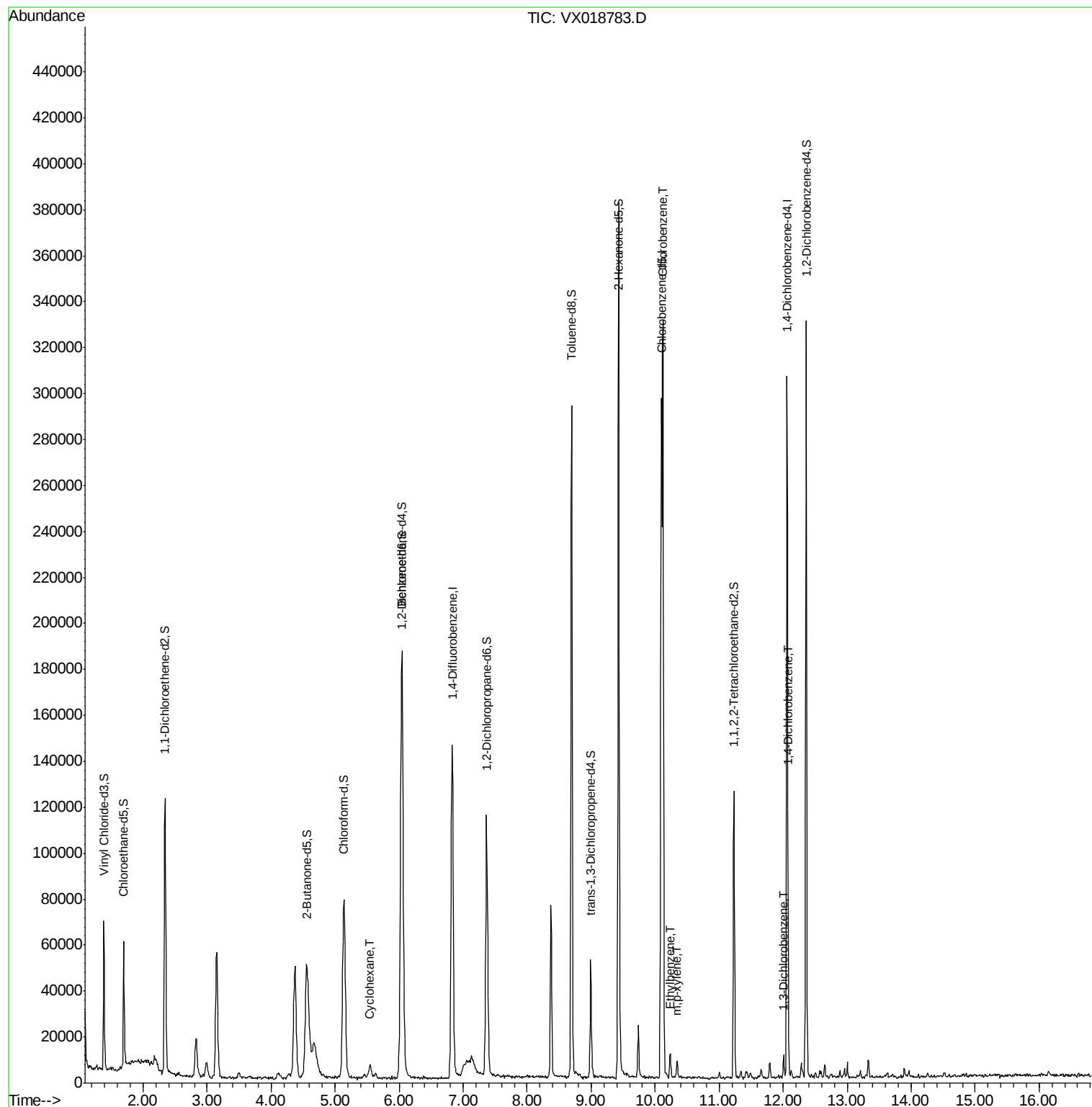
					Ovalue
30) Cyclohexane	5.54	56	3211	0.294 ug/L #	22
53) Chlorobenzene	10.12	112	139493	6.681 ug/L	96
54) Ethylbenzene	10.24	91	5068	0.148 ug/L	95
55) m,p-xylene	10.34	106	1828	0.137 ug/L	90
63) 1,3-Dichlorobenzene	12.01	146	2719	0.186 ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	3489	0.240 ug/L #	89

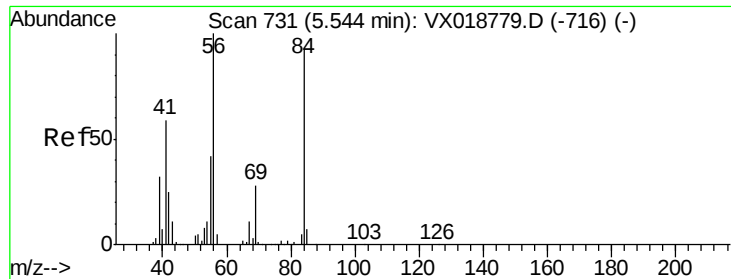
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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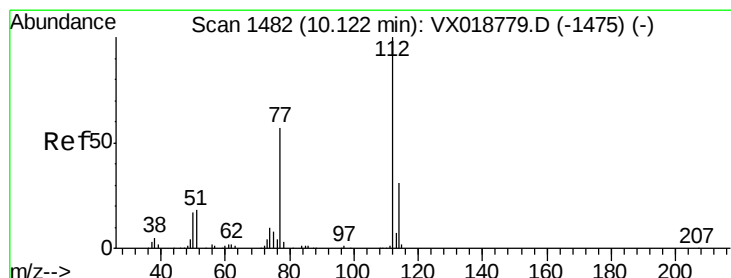
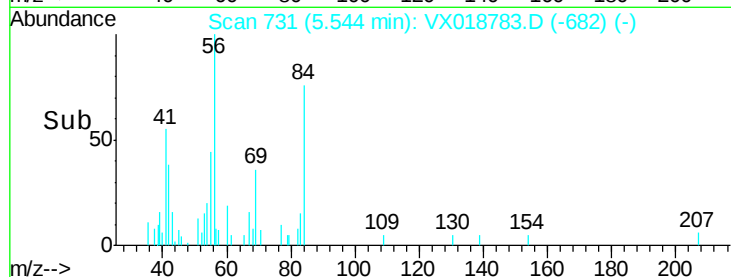
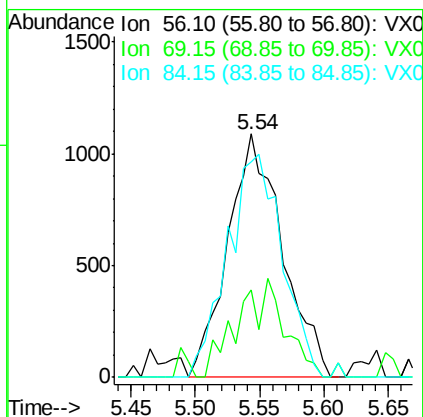
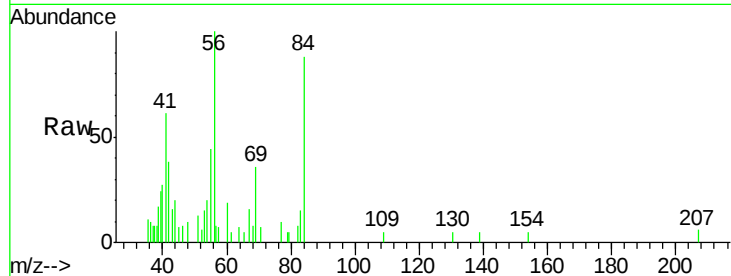




#30
Cvclohexane
Concen: 0.294 ug/L
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018783.D
Acq: 05 Oct 2020 23:00

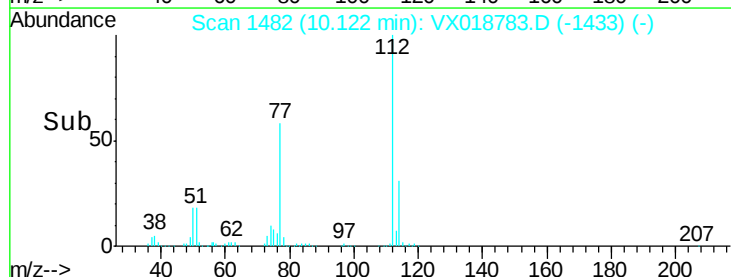
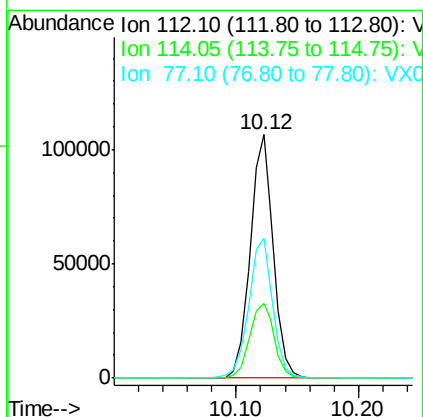
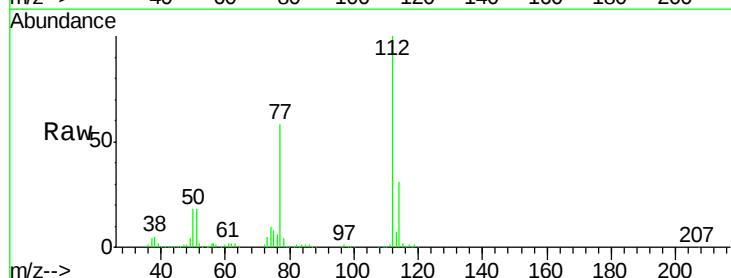
Instrument :
MSVOA_X
ClientSampleId :
BG3R2DL

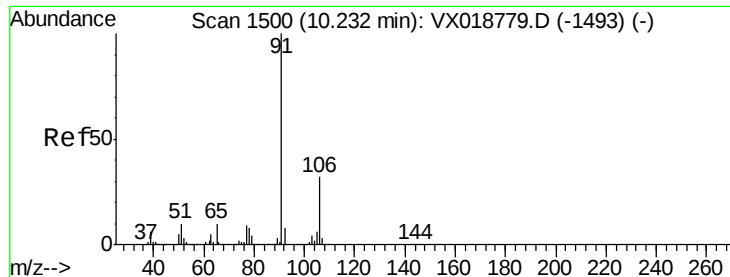
Tot Ion: 56 Resp: 3211
Ion Ratio Lower Upper
56 100
69 18.5 26.0 39.0#
84 0.0 73.8 110.6#



#53
Chlorobenzene
Concen: 6.681 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018783.D
Acq: 05 Oct 2020 23:00

Tgt Ion: 112 Resp: 139493
Ion Ratio Lower Upper
112 100
114 30.5 21.3 39.5
77 57.7 42.4 63.6





#54

Ethylbenzene

Concen: 0.148 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018783.D

Acq: 05 Oct 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

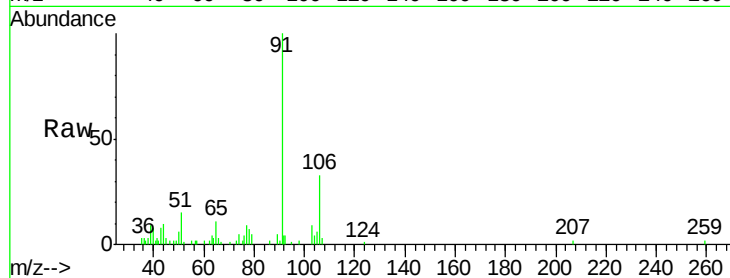
BG3R2DL

Tot Ion: 91 Resp: 5068

Ion Ratio Lower Upper

91 100

106 33.3 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX018779.D (-1493) (-)

Ion 106.15 (105.85 to 106.85): VX018779.D (-1493) (-)

10.24

4000

3000

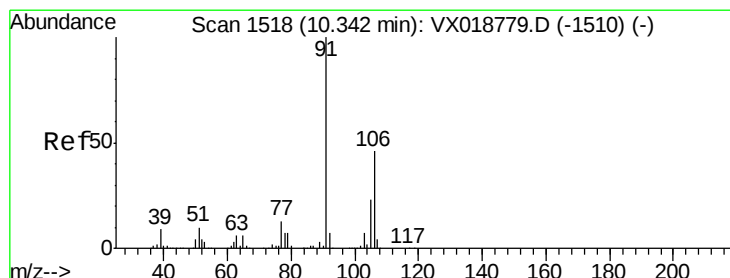
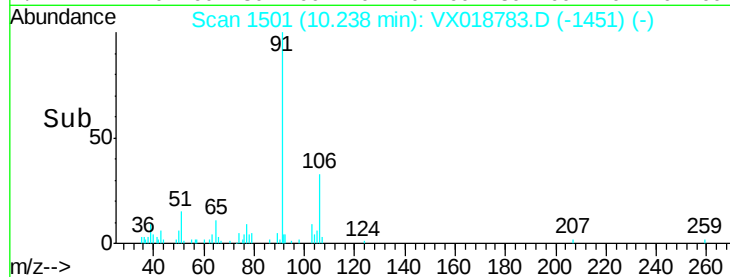
2000

1000

0

Time-->

10.20 10.25 10.30



#55

m,p-xylene

Concen: 0.137 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018783.D

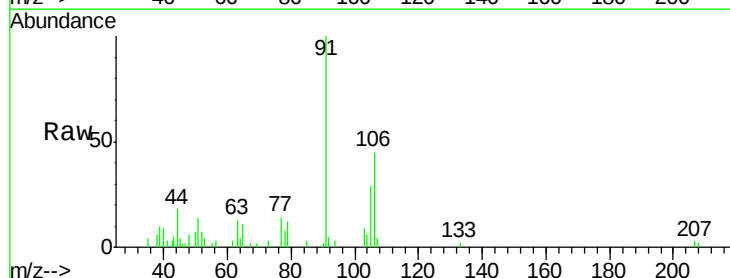
Acq: 05 Oct 2020 23:00

Tgt Ion: 106 Resp: 1828

Ion Ratio Lower Upper

106 100

91 220.5 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): VX018779.D (-1510) (-)

Ion 91.15 (90.85 to 91.85): VX018779.D (-1510) (-)

10.34

2500

2000

1500

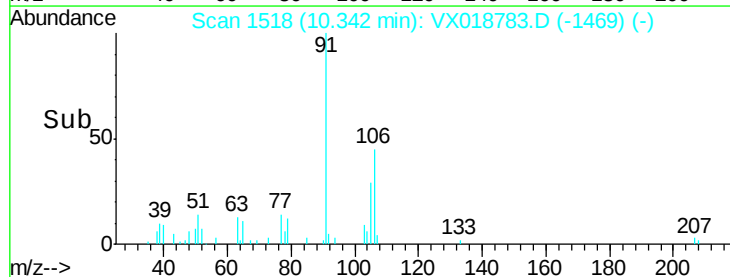
1000

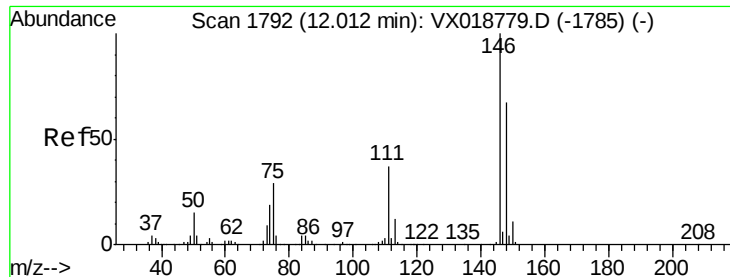
500

0

Time-->

10.30 10.35 10.40

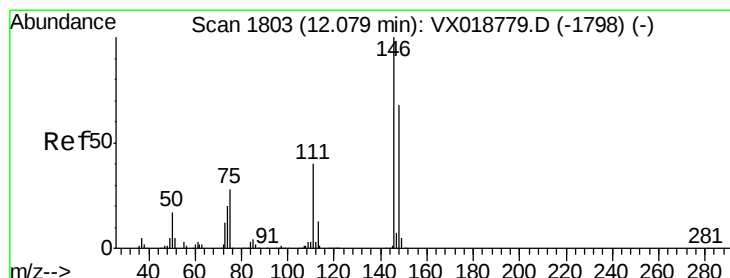
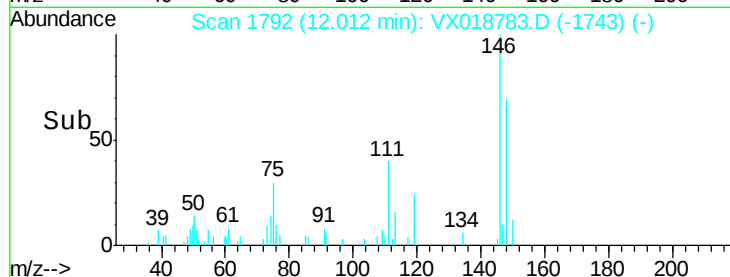
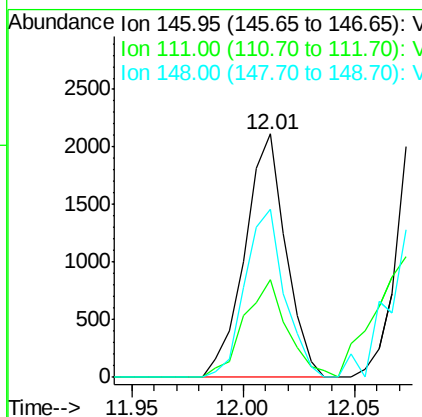
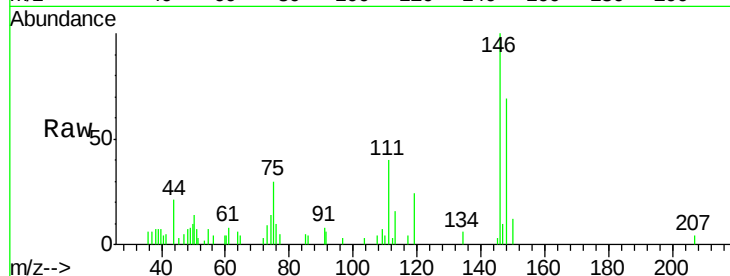




#63
 1,3-Dichlorobenzene
 Concen: 0.186 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018783.D
 Acq: 05 Oct 2020 23:00

Instrument :
 MSVOA_X
 ClientSampled :
 BG3R2DL

Tot Ion:146 Resp: 2719
 Ion Ratio Lower Upper
 146 100
 111 40.2 28.4 52.8
 148 69.1 45.9 85.3



#64
 1,4-Dichlorobenzene
 Concen: 0.240 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018783.D
 Acq: 05 Oct 2020 23:00

Tgt Ion:146 Resp: 3489
 Ion Ratio Lower Upper
 146 100
 111 53.5 28.6 53.2#
 148 66.6 44.2 82.0

