

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018680.D
 Acq On : 30 Sep 2020 01:08
 Operator : JC/SP
 Sample : L4135-10DL 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG483DL

Quant Time: Sep 30 08:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	206814	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	201406	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	90184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46655	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.70	69	43604	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.34	63	86155	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.55	46	156426	56.68	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.36%
24) Chloroform-d	5.15	84	126577	4.94	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	6.03	65	73904	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	6.05	84	224695	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.37	67	69530	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	8.70	98	195797	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	8.99	79	26761	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	9.43	63	117960	52.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.56%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55447	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	79775	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

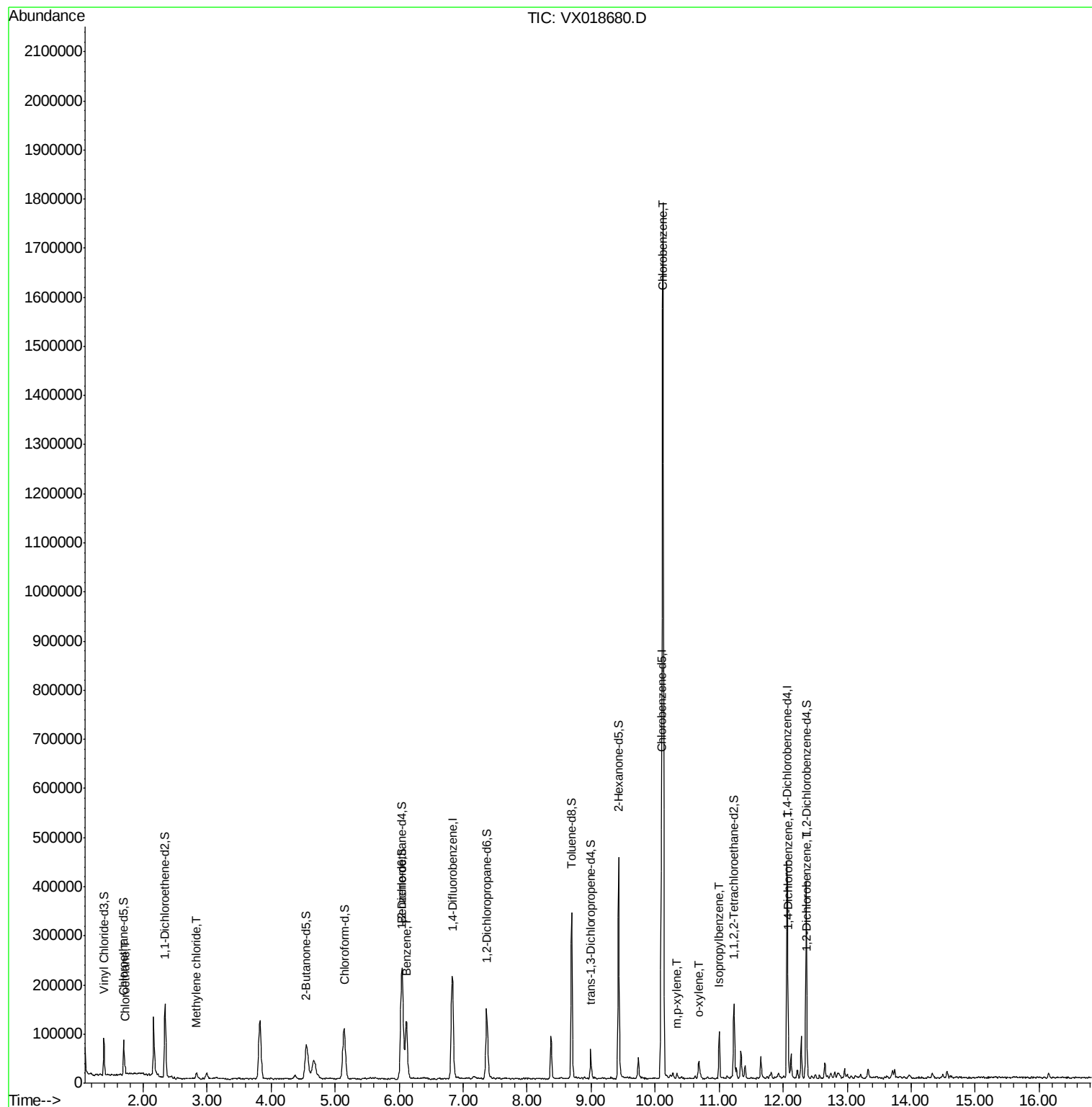
					Ovalue
8) Chloroethane	1.72	64	6505	1.056	ug/L 86
16) Methylene chloride	2.84	84	5915	0.429	ug/L # 68
33) Benzene	6.11	78	140860	3.627	ug/L 100
53) Chlorobenzene	10.12	112	755399	27.263	ug/L 98
55) m,p-xylene	10.34	106	2265	0.130	ug/L 78
56) o-xylene	10.68	106	7159	0.434	ug/L 91
58) Isopropylbenzene	11.00	105	45797	1.035	ug/L 98
64) 1,4-Dichlorobenzene	12.08	146	8095	0.409	ug/L 93
66) 1,2-Dichlorobenzene	12.38	146	3741	0.205	ug/L # 81

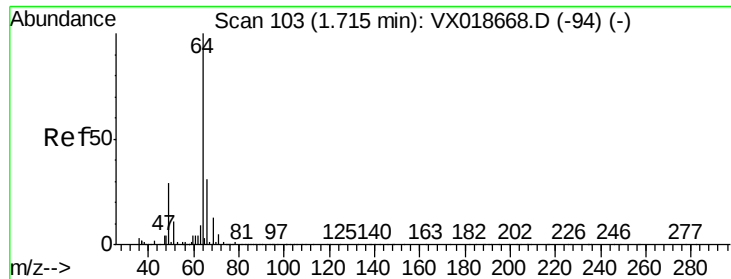
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.056 ug/L

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

Instrument :

MSVOA_X

ClientSampleId :

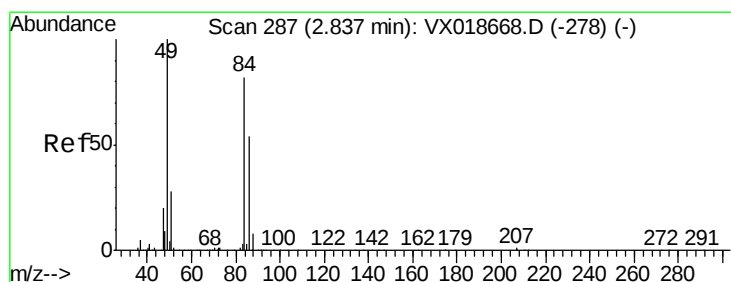
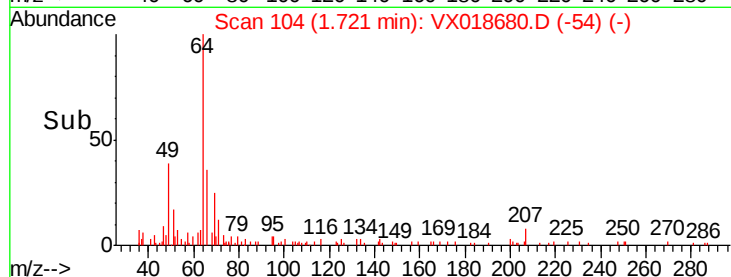
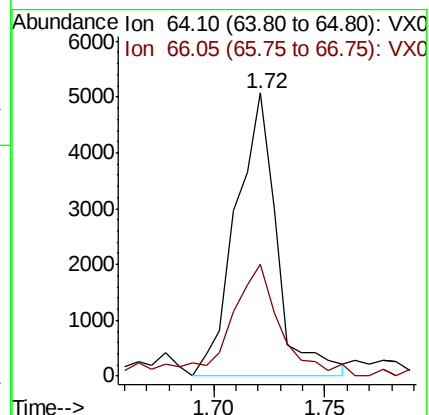
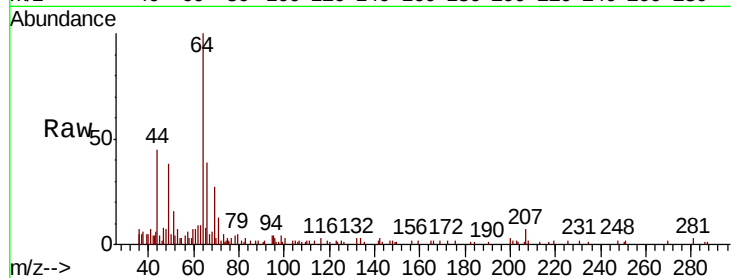
BG483DL

Tot Ion: 64 Resp: 6505

Ion Ratio Lower Upper

64 100

66 39.4 22.3 41.3



#16

Methylene chloride

Concen: 0.429 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

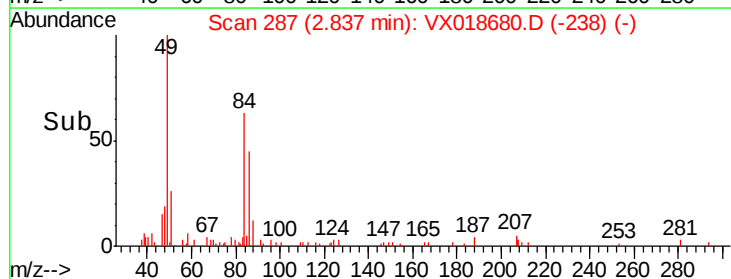
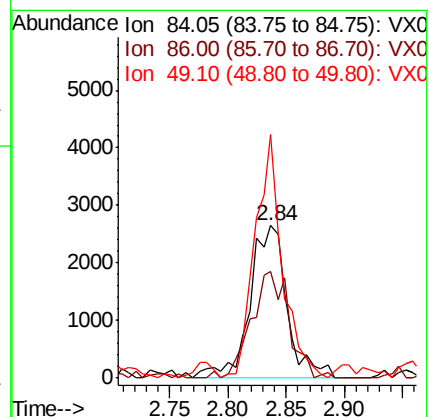
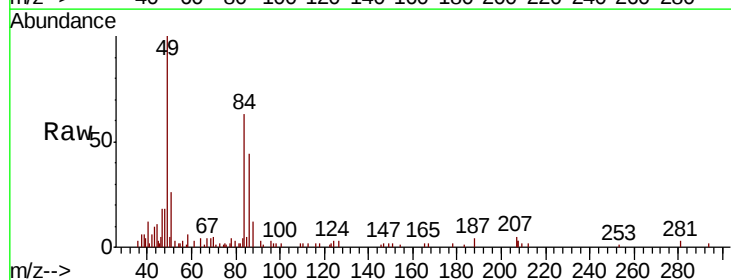
Tgt Ion: 84 Resp: 5915

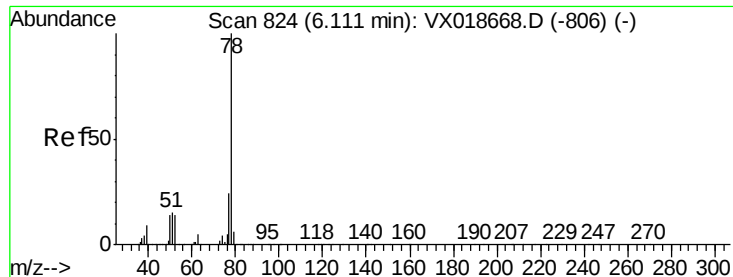
Ion Ratio Lower Upper

84 100

86 70.4 41.9 77.7

49 160.0 80.8 150.2#





#33

Benzene

Concen: 3.627 ug/L

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

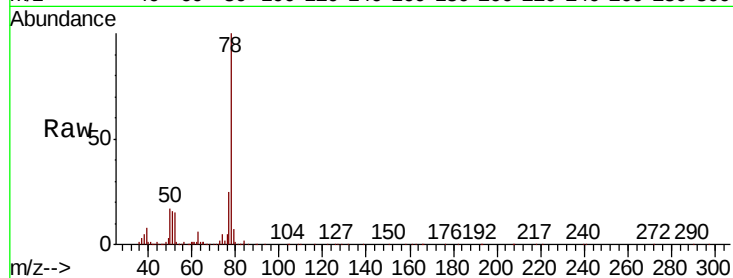
Instrument :

MSVOA_X

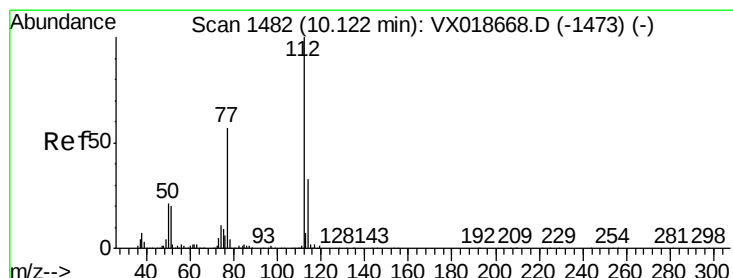
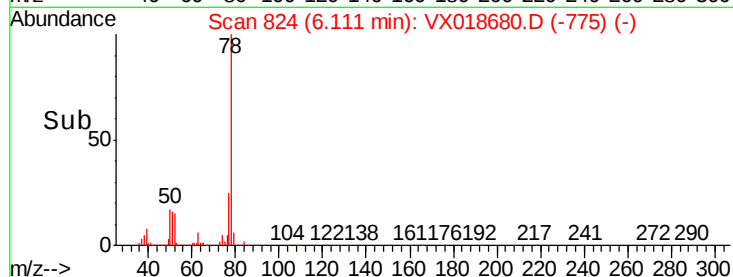
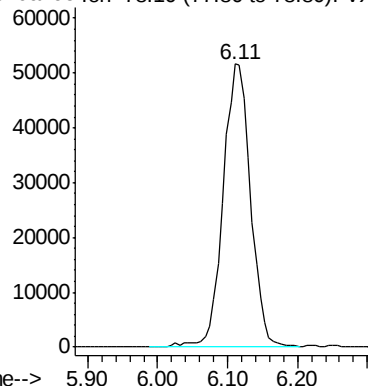
ClientSampleId :

BG483DL

Tgt Ion: 78 Resp: 140860



Abundance Ion 78.10 (77.80 to 78.80): VX0



#53

Chlorobenzene

Concen: 27.263 ug/L

RT: 10.12 min Scan# 1482

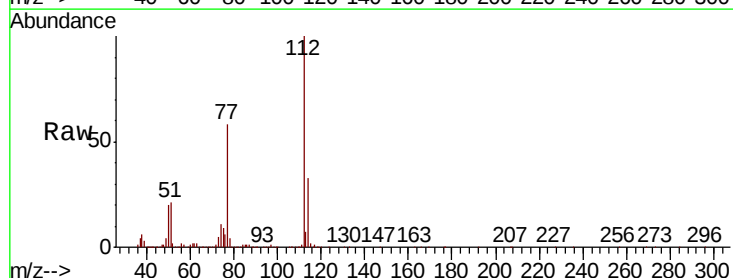
Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

Tgt Ion: 112 Resp: 755399

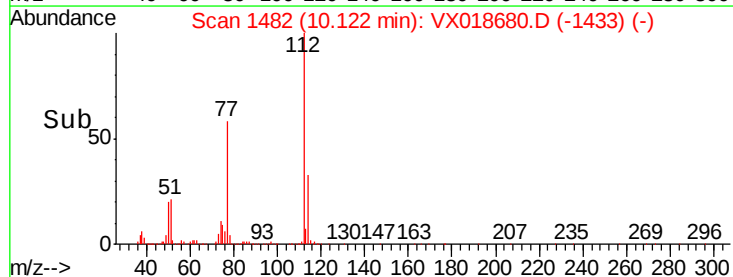
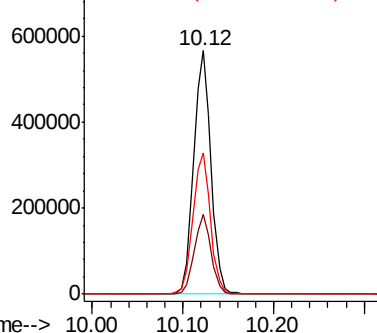
Ion	Ratio	Lower	Upper
112	100		
114	32.9	20.6	38.4
77	58.1	46.6	69.8

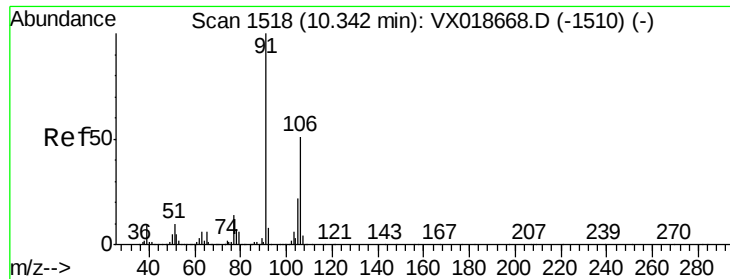


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#55

m,p-xylene

Concen: 0.130 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

Instrument :

MSVOA_X

ClientSampleId :

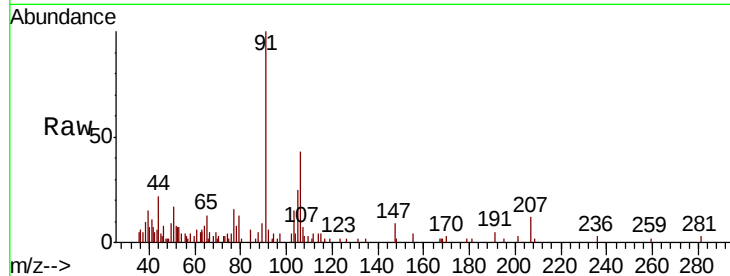
BG483DL

Tot Ion:106 Resp: 2265

Ion Ratio Lower Upper

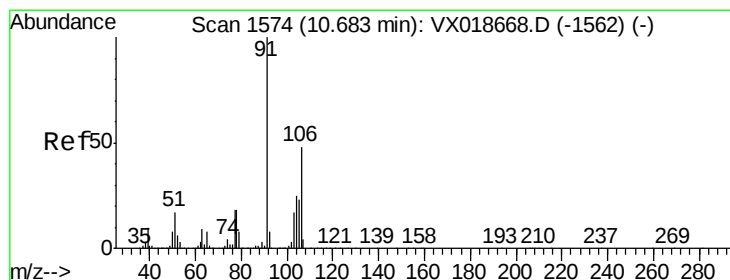
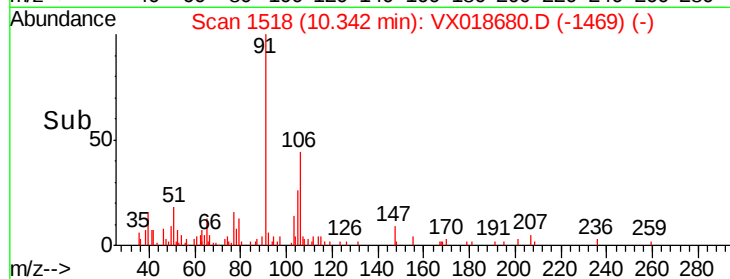
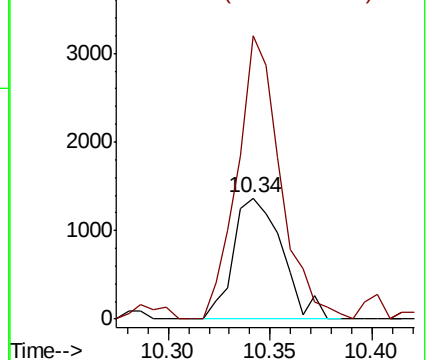
106 100

91 234.1 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.434 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018680.D

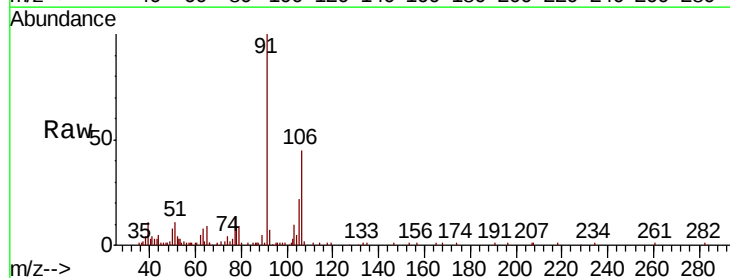
Acq: 30 Sep 2020 01:08

Tgt Ion:106 Resp: 7159

Ion Ratio Lower Upper

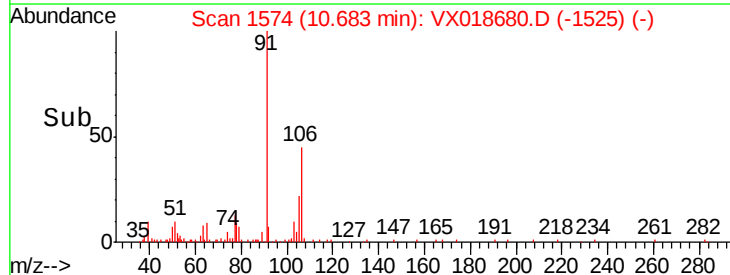
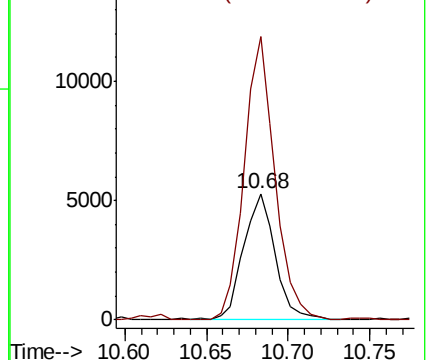
106 100

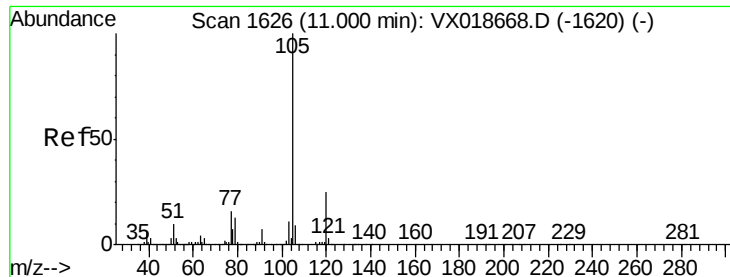
91 224.3 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#58

Isopropylbenzene

Concen: 1.035 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

Instrument :

MSVOA_X

ClientSampleId :

BG483DL

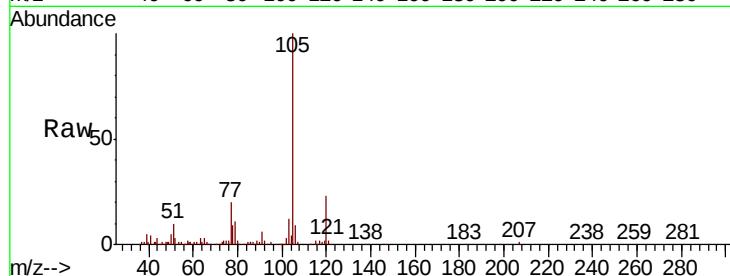
Tot Ion:105 Resp: 45797

Ion Ratio Lower Upper

105 100

120 26.8 21.2 31.8

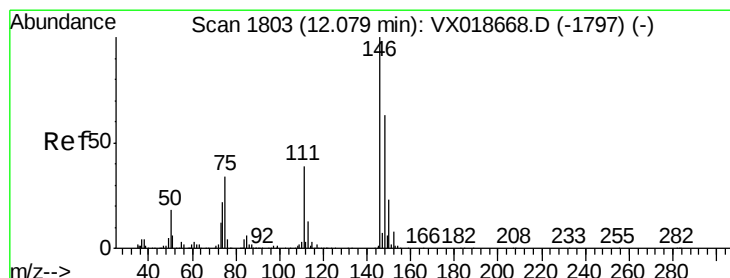
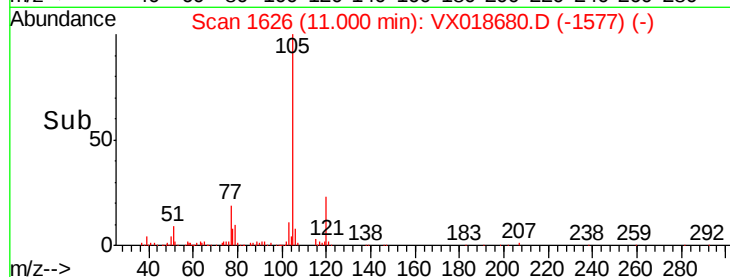
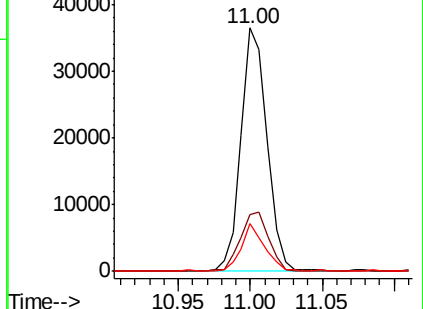
77 18.0 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#64

1,4-Dichlorobenzene

Concen: 0.409 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

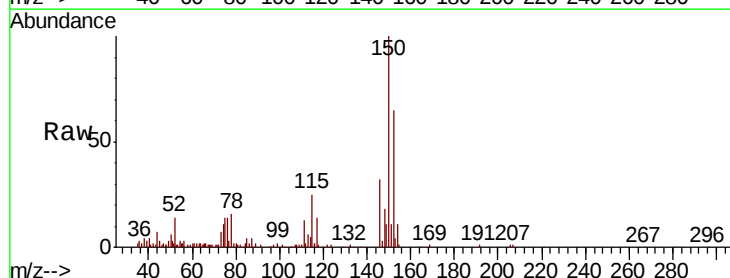
Tgt Ion:146 Resp: 8095

Ion Ratio Lower Upper

146 100

111 39.9 28.8 53.4

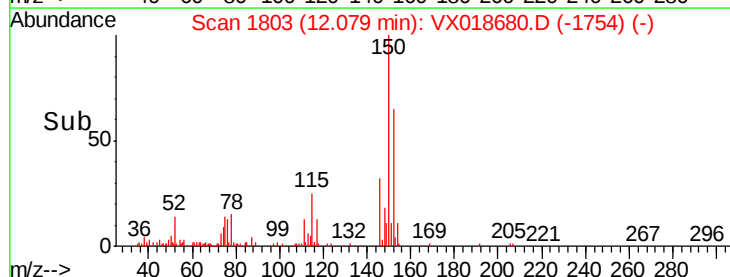
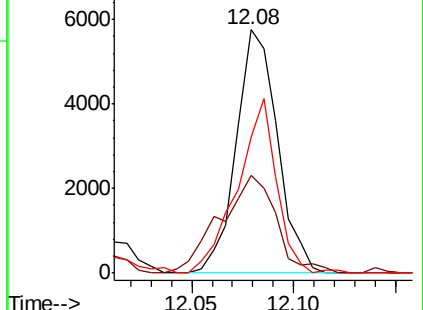
148 56.1 44.9 83.3

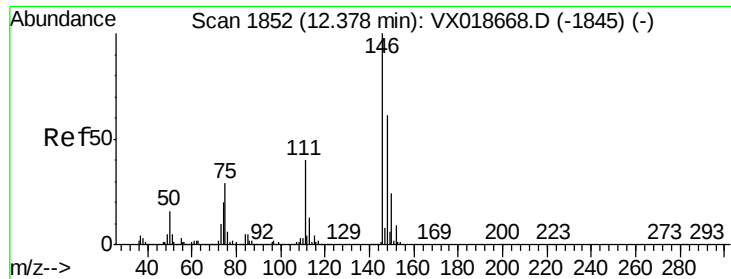


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

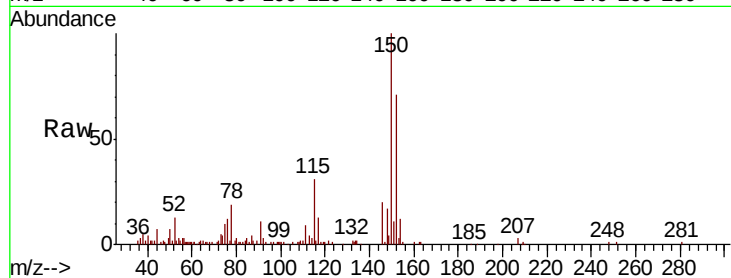




#66
 1,2-Dichlorobenzene
 Concen: 0.205 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018680.D
 Acq: 30 Sep 2020 01:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BG483DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.7	33.6	50.4
148	87.4	53.4	80.2#



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

